

A COLLATION OF ANTHROPOMETRY

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PREFACE BY

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MARCH 1971

VOLUME I

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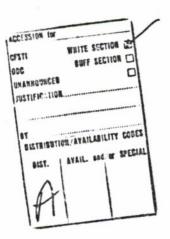
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This collation is a critical comparison of measuring techniques and anthropometric data from 48 American and foreign sources. Approximately 2000 dimensions cover the anthropometry from 16 countries. All titles and descriptions of dimensions from foreign references are presented in the original language as well as in English; in many instances the collation presents translations into English for the first time of classic anthropometric techniques that serve as the basis of the art. The presentation is such that each entry is complete in itself. All equivalent and nonequivalent dimensions of the same or similar title (or description) are cited and explicit differences, if any, are quoted. References to other anthropometric dimensions and data permit easy and quick comparisons, selection of appropriate dimensions, as well as precise understanding of measuring techniques. The data and techniques described are of direct use in the design of all types of equipment requiring the human operator; in the design and sizing of clothing; and will have academic, medical, and other biological applications.

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A Collation of ANTHROPC METRY

bу

John W. Garrett Kenneth W. Kennedy

Aerospace Medical Research Laboratory

Preface by
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March 1971

VOLUME I A - H



AEROSPACE MEDICAL RESEARCH LABORATORY
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AIR FORCE SYSTEMS COMMAND
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One of our cited references states, "The great era of anthropometry has long ago come to an end. As a field of research it has occasionally been said to be obsolete and definitely passé." We dedicate these volumes to our colleagues who, by applying anthropometric data to the solution of innumerable design problems, have helped stay that verdict.

PREFACE

My earliest training in the scientific method was from the late Professor Anton J. Carlson ("Ajax") in the 1920's at the University of Chicago. Time and again he'd admonish us, "Ladies und chentlemen, you must always ask de question, 'Vat iss de effidence?' " (I trust I do justice to his Swedish accent.) The "effidence" means that one must look to every aspect of the data and their interpretation. Not the least of the scrutiny must be methodology: careful and precise definition of technique so that the reader may know not only what was done but precisely how it was done. I venture to sum this up in one word: COMPARABILITY.

Nowhere is this more compelling than in anthropometry, involving, as it does, careful determination of land-marks (or end-points) and equally careful definition of the measurement both in terms of what it is and how it was taken.

When Kennetl: Kennedy asked me to write this Preface — after he'd told me something about the Collation — I said "yes" without hesitation. I've measured skulls, bones, heads, faces, jaws, arms, legs, for over 40 years, and I've written reports about all of my work. I did more, of course, for I attempted to relate my findings to those of other workers on similar mensurational chores. Thus I learned the hard way that often there were too many or deviant ways to measure the same thing; more, I learned how often definition and execution lacked clarity and precision.

In the mid 30 s, W. Junk, then Edi'or of Tabulae Biologicae, asked Dr. T. Wingate Todd to do a volume on "Growth of Man." Todd assigned it to me. With the aid of the Library of Congress and many University Libraries, I annotated some 600 articles on child growth, 1926-1939, from all over the world (using translation services). I threw out nearly one-half of the studies for inadequacies of sample size, poor statistical analysis, AND sloppy definition of measurements so that comparability was poor or non-existent. The result is Vol. XX of Tab. Biol., 1941.

In 1956-1957 I ran into even worse trouble. Sassouni and I prepared a "Syllabus on Roentgenographic Cephalometry", I doing the historic resume (the analysis of the literature). Here carelessness was compounded by lack of knowledge — clinicians using mensurational techniques on tracings of head-films, going to a craniometry imperfectly understood, and, worst of all, to an over-all system of measurements never intended to elucidate the dynamics of cranio-facial growth-change. The collation of these data was an almost endless chore. When it was done I found that I had winnowed out some 100 end-points and/or measurements or angles that were so much chaff.

The scientists who work on problems of human engineering — problems which focus on both form and function of the human body in action — know that TOTAL precision is the only acceptable standard. This totality must begin with mensurational techniques that are uniform in definition and in execution, i.e., end-points and their location, measurements and how they are taken. The type of measurement and why it is taken is, of course, related to the research design for the problem at hand.

I have dipped into this Collation on a sampling basis, choosing measurements at random. In no instance was I able to fault it. It is uniformly written, carefully cross-referenced, and explicit in ultimate detail . . . "Seek, and ye shall find"!

No one who has not done this sort of careful compilation can appreciate the enormous, meticulous care involved. It is done, in first instance, because, scientifically, it is the right and necessary thing to do. But that is really not enough, for in last analysis there is the motivation not only of the scientist, but of the man who must serve his fellow-man. This Collation may be a chore of scientific obligation. To me it is more: a labor of love, of complete dedication to the essence and spirit of knowledge and truth. We are indebted to John W. Garrett and Kenneth W. Kennedy.

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FOREWORD

The work presented in this book was performed under Project 7184, "Human Pernance in Advanced Systems," Task 718408, "Anthropology for Design," in the Anthropogy Branch, Human Engineering Division, Aerospace Medical Research Laboratory, ight-Patterson Air Force Base, Ohio.

The authors sincerely thank the following people, all of whom have generously tributed to our final product. As each contribution was of immense importance to at the time it was given, we have listed these acknowledgements in chronological order, her than by the magnitude of their donation.

To:

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H. T. E. Hertzberg for the renewed sense of urgency towards the "Collation" which became apparent during the conference on the standardization of anthropometric techniques and terminology which you sponsored (ref 24);

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We give our sincerest thanks!

This technical report has been reviewed and is approved.

CLINTON L. HOLT, Colonel, USAF, MC Commander Acrospace Medical Research Laboratory

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INTRODUCTION

During the past several years we have observed that researchers and designers are frustrated when they find it necessary to compare anthropometric data from different populations. Finding the data is only the beginning. To determine if the data are truly comparable many things must be considered — the description of the dimension, the measuring technique, the position of the subject, the interpretation of anatomical landmarks, etc.

To help those scientists and engineers who face problems of comparing anthropometric data we have reviewed and collated data from 47 sources, 39 of which are considered primary sources of statistical anthropometric data. Of the 39 primary data sources, 36 have been published since 1940; the remaining three are in final preparation. Sixteen countries are represented in the sources. Approximately 2000 descriptions of anthropometric data were examined critically.

In addition to the data-sources, we reviewed eight classic works and include them — primarily as references for anthropometric technique. They include Martin (ref 27), Martin-Saller (ref 28), Hrdlička (ref 41), Montagu (ref 30), Comas (ref 11), Tufts (ref 5), the Report of the International Commission meeting at Monaco in 1906 (ref 36), and the Report of the International Commission meeting at Geneva in 1912 (ref 41).

Our criteria for selecting sources of anthropometric data were as follows:

- the data were obtained during a formal anthropometric survey
- the subjects were representative of a discrete, identifiable, adult national population
- the source included descriptions of the dimensions or indicated where the descriptions could be found
- the body of data must have included considerably more than just age, height, and weight
- the data were published since 1940, a date chosen to include the surge of anthropometric activity beginning during World War II
- the data were measured directly on the body and include only linear dimensions. There are several exclusions that may seem inconsistent. These include secondary and derived measurements; measurements taken from photographs; certain sources that would otherwise qualify, such as a survey of USAF recruits; and others that we became aware of too late to be included. For these we offer neither apology nor excuse.

Each of the anthropometric dimension titles is presented separately. Each presentation includes the following information:

1. Dimension Title — This is the title of the dimension as stated in its source. English translations of titles from foreign language sources are contained within brackets. We have inserted words in a few titles to help clarify meaning. These insertions are also within brackets.

- 2. Source This is a coded listing of the source. A complete list of codes is found beginning on page 6.
- 3. Dimension Description This is a verbatim description of the dimension as found in the source. Translations of descriptions are contained within brackets. For clarity and completeness we have interrupted the description with inserts of several types. These are set off from the regular text of the description in different ways.
- A. Daggers Those inserts that are set off by daggers are verbatim phrases and other words that have been taken from another place in the source, and therefore appear out of sequence. They comprise general information intended to make the description as complete as possible.
- B. Braekets Information gained from photographs and drawings found in the source are inserted and bracketed. Brackets have also been used when inserting connecting words to join phrases and facilitate smoother reading. When the origin of a description is known by us to be other than that cited in the source reference, the code for the actual source is placed in brackets at the end of the description. Frequently it was necessary to calculate certain of the statistical values. These, also, were enclosed in brackets. Additionally, as indicated above, brackets are also used to enclose translations.
- C. Daggers and Italics Several source authors have defined anatomical landmarks in a different section of their publication from the dimension descriptions. Since it is essential that their interpretations of the landmarks are understood by the reader, we have inserted the essence of these landmark definitions within the dimension descriptions and have offset these quotations by daggers and italies.
- 4. Summary Statistical Data In this section we list four eategories of statistical data:
 - N: The number of subjects
 - \overline{X} : The arithmetic mean (the sum of the values divided by their number)
 - SD: The standard deviation (the root-mean-square of the deviations from the arithmetic mean)
 - V%: The coefficient of variation (a restatement of the standard deviations as a percentage of the arithmetic mean)

In a few instances the median or 50th percentile value is given in lieu of the arithmetic mean.

Certain sources do not present any of these four eategories of data. Others, such as MARTIN, present data on some of their dimensions, but do not meet our criteria for a data source. These omissions are indicated by the phrase "No Data Available." Some do not contain all of our four categories and some do not contain both English and metric units. For these sources, we have estimated the missing information when possible and converted the data into the omitted units when necessary. It was possible in some cases to calculate $\overline{X}s$ for reference BULGARIA and to estimate SDs for references

BULGARIA, U.S. ADULTS, and FOOT.' These estimates are included within brackets and are listed as \overline{X} for BULGARIA and Est SD for all three. When V% is not reported in the original source, we were sometimes able to calculate it. When it was calculated, we reported it within brackets. It was reported as Est V% if the SD and/or the \overline{X} were also reported as estimates. When sufficient information to estimate \overline{X} , SD or V% was lacking, the listing for the missing data reads NDA (No Data Available).

5. Similar Dimensions — This section contains dimensions having a general likeness in title or body part measured. Since similarity does not necessarily imply equivalence, we have divided the dimensions appearing under this heading into Equivalent, Not Equivalent, and Indeterminable categories. All placements in this section are based on our analysis of the descriptions of the dimensions and on other information presented in some form by the original source authors.

A. Equivalent — Dimensions listed as Equivalent are those dimensions which are "virtually or in effect identical" (ref 32, p 865) to the reference dimension. Differences in the statistical data for equivalent dimensions between different populations can be assumed to represent real anthropometric differences.

B. Not Equivalent — Dimensions are listed as Not Equivalent if they have some general likeness to the reference dimension in title or description, but differ from it in some important way, such as in position of the body, pressure with which the measuring instrument is applied to the skin, and definition of anatomical landmarks. Each dimension judged by us to be similar, yet not equivalent to the source dimension, is listed under this heading by source and title. A short quotation from the description is given to illustrate a difference. At least one difference is quoted; there may be others.

C. Indeterminable — There are instances in which certainty of placement was considered impossible because complete information regarding the exact nature of the dimension is not available. These are listed in the Indeterminable category. In a given set of similar dimensions, certain of them may be either Equivalent or Not Equivalent with reference to a particular source, yet remain Indeterminable to others.

Categorical placement was done usually on the basis of differences in the authors' descriptions of the dimensions. In a few instances we were forced to resort to other evidence, such as illustrations, to obtain complete information. Personal knowledge of the techniques of the authors, or of the survey itself, sometimes helped determine appropriate placement.

Remember, we are concerned with the dimensions themselves and not with the values obtained by measuring those dimensions. For instance, while the arithmetic mean values for Hip Breadth and Shoulder-Elbow Length are approximately equal, certainly the two dimensions are not equivalent. A more subtle example is the placement of the various dimensions entitled Eye Height, Sitting. These are taken three

^{1.} The means reported for BULGARIA were computed as the weighted averages of the published means for ages 18 through 26; the corresponding standard deviations are the square roots of the weighted averages of the variances for these same years, adjusted for the differences in yearly mean values. The standard deviations for U.S. ADVILTS were computed, for each variable, by subtracting the sum of the reported percentiles below the 50th tlst, 5th 10th, 20th, 30th, 40th from the sum of the complementary percentiles and dividing the difference by 13.74. The value, 13.74, represents the size, in standard deviation units, of the computed difference for normal distributions. The standard deviations for FOOT were determined by dividing the published inner 88% range by 4.65 and the inner 85% range by 3.92 and averaging the results. Again, the two divisions correspond to the widths of these ranges for normal distributions. (personal communications, E. Churchill, Antioch College)

different ways: to the internal canthus, to the pupil, and to the external canthus. These may be equivalent in mean values, perhaps, but definitely not equivalent as anthropometrie dimensions.

6. References to Other Dimensions — When, in our opinion, it might be in the reader's interest to refer to other dimensions, titles of such dimensions are listed under See Also. The selection of these dimensions was based on our experience in the use of anthropometric data. Obviously, we cannot predict all such dimensions. Therefore, it is by no means considered a complete cross-reference system. We are sure there are many more that might, quite reasonably, be added.

All of the above categories of information are cited in the annotated entries beginning on page 9. We hope that examination of these pages will clear up any re-

maining questions regarding procedures we have followed.

A word or two about translations. We received considerable assistance from various people with the translations into English of the sources code-named BELGIUM, FRANCE '55, FRANCE '65, MARTIN, and MARTIN-SALLER. However, because of the technical nature of the dimension descriptions, we have changed and altered the proffered translations to our own tastes in English; hence, transferring full responsibility to ourselves. This we willingly accept. We have translated titles to their generally accepted English equivalents; thus such resultant apparent inconsistencies as Breadth of the Mouth, but Nose Breadth where the original German titles are Breite der Mundspalte and Breite der Nase, respectively. The translation of the 1906 Monaco Conference is reported by A. Hrdlička (ref. 41: pp 191-201). The W.H.L. Duckworth account in English of the 1912 Geneva Conference is one of three semiofficial versions issued by the Conference. The material from source COMAS is from the revised and enlarged English edition.

It is not necessary to say a great deal about how to use this Collation. It can serve many purposes. It was put together for groups such as anthropologists, medical researchers, industrial designers, garment workers, and human factors engineers. It is intended to serve those whose pursuits lead them daily into contact with anthropometry as well as those who only occasionally require information regarding a dimension. The initiated will find his information very quickly, since arrangement of the entries is alphabetical by dimension title. Those users perhaps less familiar with anthropometry may find it necessary to use the index, arranged to provide access through dimension titles, eoded source reference, common names of the general parts of the body on which the dimension is taken and general type of dimension, such as Breadth, Length, etc.

As previously stated, we consider equivalent dimensions as being "virtually or in effect identical." If we have determined as equivalent a particular dimension measured on a Japanese military population and on an American military population, then, other considerations such as sex and age being equal, statistical differences in this dimension represent real differences between the two populations. Unfortunately, our experience reflects the necessity to say what one would assume to be completely obvious; namely, that no legitimate purpose is served when direct comparisons be-

tween populations are made on the basis of non-equivalent dimensions.

Finally, to assist those users who require percentile data, we have included the table below. This table is based on a normal distribution of values. Since biological data seldom, if ever, assume a normal distribution, values derived through the use of this table can only be considered as estimates. We feel, however, that for most applications estimates of percentiles derived from this table can be used with reasonable confidence.

TABLE FOR ESTIMATING SELECTED PERCENTILES (ref 10)

 $\begin{array}{lll} \text{3rd Percentile} &=& \overline{X} - 1.88 \times SD \\ \text{5th Percentile} &=& \overline{X} - 1.65 \times SD \\ \text{10th Percentile} &=& \overline{X} - 1.28 \times SD \\ \text{20th Percentile} &=& \overline{X} - 0.84 \times SD \\ \text{25th Percentile} &=& \overline{X} - 0.67 \times SD \\ \text{50th Percentile} &=& \overline{X} \\ \text{75th Percentile} &=& \overline{X} + 0.67 \times SD \\ \text{80th Percentile} &=& \overline{X} + 0.84 \times SD \\ \text{90th Percentile} &=& \overline{X} + 1.28 \times SD \\ \text{95th Percentile} &=& \overline{X} + 1.65 \times SD \\ \text{97th Percentile} &=& \overline{X} + 1.88 \times SD \\ \end{array}$

LISTING OF THE COLLATED SOURCES BY CODE NAME

AAF Randall, F. E., et al, Human Body Size in Military Aircraft and Personal Equipment.

ARMY '66 White, Robert M., U.S. Army Anthropometry — 1966.

ARMY ARMORED Ashe, W. F., Anthropometric Measurements.

ARMY AVIATORS White, Robert M., Anthropometry of Army Aviators.

ARMY QM Randall, F. E., et al, Survey of Body Size of Army Personnel -

Male and Female Methodology; and

Hansen, R., and D. Y. Cornog, Annotated Bibliography of Applied

Physical Anthropology in Human Engineering.

AUSTRALIA Aird, W. M., F. R. Bond and G. M. Carrington, Authropometric Sur-

vey of Male Members of the Australian Army; Part I. Clothing

Survey.

Carrington, G. M., Anthropometric Survey of Male Members of

the Australian Army; Part 2, Medical Survey.

BARTER Barter, J. T., and M. Alexander, A Sizing System for High Altitude

Gloves.

BELGIUM Evrard, E., Relative Biometric Statistics of the Flying Personnel

of the Belgian Air Force.

BULGARIA Anonymcus, Физическо развитие и дееспособност на населението

в България от раждане до двалесет и шест години

COMAS Comas, Juan, Manual of Physical Anthropology.

FAA Snow, C. C., and R. G. Snyder, Anthropometry of Air Traffic Control

Trainees.

FOOT Freeman, A., et al, Foot Dimensions of Soldiers.

FRANCE '55 Ducros, E., Statistiques de biométrie médieale élémentaire

relatives au personne! navigant de l'air Française.

FRANCE '65 Anonymous, Etude anthropometrique du personnel navigant

Francoise de l'aeronautique civile et militaire.

GENEVA Duckworth, W.L.H., The International Agreement for the Unifica-

tion of Anthropometric Measurements to be Made on the Living

Subject.

HAND Garrett, John W., Cleoranee and Performance Values for the

Bare-Handed and Pressure Gloved Operator.

HANDS-FEMALE Garrett, John W., Anthropometry of the Air Force Females' Hand.

HANDS-MALE Garrett, John W., Anthropometry of the Hands of Male Air Force

Flight Personnel.

HOOTON Hooton, E. A., A Survey in Seating.

HRDLICKA Stewart, T. D., Ed., Hrdlicka's Practical Anthropometry.

INDIA Mookerjee, M. K., and M. N. Bhattacharya, Body Measurements

in Relation to Cockpit Design.

JAPAN Oshima, M., et al, 航空目衛隊パイロツトの身体計測

(Anthropometry of Japanese Pilots)

KOREA Kay, Won Chuel, Anthropometry of the ROKAF Pilots.

MARTIN Martin, R., Lehrbuch der Anthropologie in Systematischer Dar-

stellung.

MARTIN-SALLER Martin, R., and K. Saller, Lehrbuch der Anthropologie in Systema-

tischer Darstellung. (This source cited only when a particular dimension description has been changed from the original MAR-

TIN.)

MONACO Papillault, G., Entente internationale pour l'unification des mesures

craniométriques et céphalométriques.

MONTAGU Montagu, M. F. A., An Introduction to Physical Anthropology.

MORANT Morant, G. M., and D. C. V. Whittingham, A Survey of Mea-

surements of Feet and Footware of Royal Air Force Personnel.

NATO Hertzberg, H. T. E., et al, Anthropemetric Survey of Turkey,

Greece, and Ital ..

NAVY RECRUITS White, Robert M., U.S. Navy Anthropometry (Recruits) — 1966.

NORWAY Udjus, Ludvig C., Anthropometric Changes in Norwegian Men

in the Twentieth Century.

RAF-RCAF Samuel, G. D., and E. M. B. Smith, A Comparison of Seven An-

thropometric Variables of American, British, and Canadian Pilots.

THAI White, Robert M., Anthropometric Survey of the Royal Thai Armed

Forces.

THOUSAND Oberman, A., et al, The Thousand Aviator Study.

AVIATORS

TUFTS Anonymous, Handbook of Human Engineering Data.

US ADULTS Stoudt, H. W., et al, Weight, Height, and Selected Body Dimensions

of Adults. United States 1960-1962.

USAF '50 Hertzberg, H.T.E., et al, Anthropometry of Flying Personnel -

1950.

USMC White, Robert M., U.S. Marine Corps Anthropometry — 1966.

USN Gifford, E. C., et al, Anthropometry of Naval Aviators — 1964.

VIETNAM White, Robert M., Anthropometric Survey of the Armed Forces

of the Republic of Vietnam.

WAC Randall, F. E., Survey of Body Size of Army Personnel, Male and

Female; and

Hansen, R., and D. V. Cornog, Annotated Bibliography of Applied

Physical Anthropology in Human Engineering.

WAF RECRUITS Daniels, G. S., et al, Anthropometry of WAF Basic Trainees.

WASP Randall, F. E., et al, Human Body Size in Military Aircraft and

Personal Equipment.

WOMEN O'Brien, R., and W. C. Shelton, Women's Measurements for Gar-

ment and Pattern Construction.

WORKING Hertzberg, H. T. E., et al, The Anthropometry of Working Positions.

POSITIONS I

WORKING Alexander, M., and C. E. Clauser, Anthropometry of Common

POSITIONS II Working Positions.

SAMPLE ENTRIES - ANNOTATED

GROESSTE BREITE ZWISCHEN DEN DARMBEINKAEMMEN [MAXIMUM BI-CRISTAL BREADTH]

Reference: MARTIN

Source code. (See page 6)

Geradlinge Entfernung der beiden Iliocristalia †derjenige Punkt der Crista iliaca, der bei aufrechter Koerperhaltung am meisten seitlich vorspringt† voneinander. Stangenzirkel. Das Mass wird also aussen am Beckenkamm (d. h. am Labium externum der Crista iliaca) gemessen und das Instrument leicht angedrueckt.

[Straight line distance between both iliocristalia †that point on the iliac crest which protrudes most laterally when standing erect†. Beam Caliper. The measurement is taken laterally on the pelvic rim (that is, on the external lip of the iliac crest) with slight pressure on the instrument.]

No Data Available

This section is the authors' English translation of the text. It is enclosed within brackets.

Similar Dimensions:

Each dimension listed under this heading has its own entry sheet.

Equivalent:

None

Not Equivalent:

AAF: Bi-Iliac - A firm pressure dimension

ARMY ARMORED: Bi-lliac - A firm pressure dimension

ARMY QM: Bi-Iliac - Pressure

HRDLICKA: Breadth of Pelvis - sufficient pressure to feel bone

TUFTS: Bi-Iliac - A firm pressure dimension WASP: Bi-Iliac - A firm pressure dimension

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth

COMAS: Bi-lliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter

MONTAGU: Bi-Iliac or Pelvic Breadth

1

A general statement explaining why certain dimensions must be considered indeterminable.

See Also:

Bi-Spinal Diameter Bi-Trochanteric Breadth - Bone Hip Breadth

Suggested additional dimensions.

THIGH CLEARANCE HEIGHT

Reference: US ADULTS

Verbatim description of dimension from source

†Examinee seated on a flat, horizontal board, with the knees at right angles, thighs horizontal, and popliteal areas . . . lightly touching the seat surface. The examinee sat erect, knees together, heels together, right hand on left shoulder. The measurement was made with an anthropometer, from the top of the sitting surface to the junction of the abdomen and thigh, with the crossbar in firm contact....

Number, Mean, Standard Deviation, and Coefficient of Variation when available from source.

Men

Women

N: 3091 X: 14.5 cm; 5.7 in Est SD: [1.98 cm; 0.78 in] Est V%: [13.6]

3581 13.7 cm; 5.4 in [2.29 cm; 0.90 in]

[16.7]

When not listed in source, SD and V% are estimated when possible, and inserted in brackets · NDA indicates No Data Available.

Similar Dimensions:

Equivalent:

NATO: Thigh Clearance Height, Sitting

Not Equivalent:

Quotations from the sources illustrate at least one difference from the reference dimensions.

FAA: Thigh Clearance - just distal to the inguinal line

KOREA: Thigh Clearance Height, Sitting - lower legs hanging free USAF '50: Thigh Clearance Height, Sitting - lower legs hanging free

Indeterminable:

None

INTERSCYE MAXIMUM

Reference: USN

itsificized text in this section signifies source definition inserted here to clarify an anatomical landmark.

Subject sits erect, his arms horizontal and extended forward as far as possible. Using the tape, measure the minimum surface distance between the bottoms of the marked points near the armpits on the subject's back (scye points) the highest point in the crease formed by the juncture of the arm and trunkt. [USAF '50]

N: 1549

X: 54.31 cm; 21.38 in

SD: 3.45 cm; 1.36 in

V%: 6.35

Bracketed reference code indicates correct original source when incorrectly given in reference.

Similar Dimensions:

These dimensions, measured on different populations, are virtually or in effect identical to the reference dimension.

Equivalent:

ARMY '66: Interscye, Maximum JAPAN: Interscye Maximum KOREA: Interscye Maximum NATO: Interscye Maximum

NAVY RECRUITS: Interscye, Maximum

USAF '50: Interscye Maximum USMC: Interscye, Maximum

WAF RECRUITS: Interscye Maximum

Not Equivalent:

None

Indeterminable:

None

See Also:

Interscye

AGE STATISTICS ON SOURCE POPULATIONS (IN YEARS)

SOURCE CODE NAME	N	$\overline{\mathbf{x}}$	SD	RANGE
AAF	4061	27 (Median)	_	_
ARMY '66		22.17	4.64	17-55
ARMY ARMORED	900+	(1)	_	_
ARMY AVIATORS	500	30.25	4.58	20-47
ARMY QM		24±		15-40+
220000	20000,			10 /0
AUSTRALIA	3459	31.32	8.79	17-56
BARTER	100	-	_	
BELGIUM-Flying Personnel	2420		_	17-50
BELGIUM—Trainces	2120	_	-	17-24
BULGARIA	1659	[23.07]	-	[21-26]
FAA	678	27.90	6.18	21-50
FOOT—White	5575		-	17-38
FOOT—Negro	1200		_	17-38
FRANCE '55:	1000	-	_	18-45
FRANCE '65—Military Fighter Pilots	220	29.58	_	-
FRANCE '65—Military Transport Pilots	450	29.41	_	
FRANCE '65: Civilian Transport Pilots	150	29.67	_	-
HAND	27	24.70	6.15	19-45
*HANDS—Female	211	22.9	6.5	18-56
HANDS—Male	148	31.5	7.1	20-49
*HOOTON—Females	1903	35.55		17-84
HOOTON—Males	1959	38.45	-	17-89
INDIA	691	_		-
JAPAN	239	25.04	_	20-39
KOREA	264	28.02	_	23-36
MORANT	200	25.9		-
NATO—Turkey	915	[23.55]	[4.64]	17-45
NATO—Greece	1083	[22.45]	[2.81]	17-43
NATO—Italy	1324	[25.96]	[7.12]	18-59
NAVY RECRUITS	4095	19.86	1.47	17-32
NORWAY	5765	_	_	19.5-20.5
RAF-RCAF—RAF	4357	-	_	
RAF-RCAF—RCAF	314	_	_	_
THAI	2950	24.0	4.0	17-52
1000 AVIATORS	675	47.10	2.45	42-62

⁽¹⁾ AAF data cited for most dimensions

^{*}Female sample

	N	$\overline{\mathbf{X}}$	SD	RANGE
•US ADULTS—Females	3581	_		18-79
US ADULTS—Males	3091	_	_	18-79
USAF '50	4060	28.87	4.22	18-54
USMC	2008	20.88	2.87	17-43
USN		_	_	
VIETNAM	2129	27.2	5.70	18-53
•WAC—Nurses	3489	26.26	4.71	21-48
•WAC—Enlisted	4302	26.44	5.87	18-59
•WAC—Officers	467	31.21	6.07	22-52
*WAF RECRUITS	852	19.79	2.71	18-34
•WASP—Nurses	150			_
*WASP—Pilots	445		_	18-35
*WOMEN	10042	35.85		18-82
WORKING POS I	40	24.40	5.50	
WORKING POS II	53	28.98	9.04	18-61

^{*}Female sample

WEIGHT STATISTICS ON SOURCE POPULATIONS (IN KILOGRAMS AND POUNDS)

SOURCE CODE NAME	N	$\overline{\mathbf{x}}$	SD
AAF—Pilots	2960	69.45; 153.12 (Median)	_
AAF—Gunners	584	66.71; 147.07 (Median)	_
ARMY '66	6677	72.16; 159.09	10.59; 23.36
ARMY ARMORED	900+	(1)	
ARMY AVIATORS	500	75.19; 165.77	8.57; 18.90
ARMY QM	24506	70.22; 154.81	9.32; 20.56
AUSTRALIA		[72.43; 159.7]	_
BARTER	100		_
BELGIUM—Flying Personnel	2214	68.55; 151.12	7.84; 17.28
BELGIUM—Trainees	2120	66.53; 146.67	6.90; 15.21
BULGARIA	1610	[66.75; 147.16]	[5.56:12.27]
		73.39: 161.81	10.01; 22.09
FAA		15.59; 161.81	10.01, 22.03
FOOT—White		_	-
FOOT—Negro		_	1000 000
FRANCE '55	1000	65.82; 145.10	7.03; 15.49

⁽¹⁾ AAF data cited for most dimensions

	N	$\overline{\mathbf{X}}$	SD
FRANCE '65—Military Fighter Pilots	220	70.28; 154.93	7.44; 16.40
FRANCE '65-Military Transport Pilots.	450	71.11; 156.76	8.40; 18.51
FRANCE '65—Civilian Transport Pilots	150	70.11; 154.56	7.57; 16.68
HAND	27	74.04; 163.24	11.73; 25.87
*HANDS—Female	211	58.28; 128.5	8.16; 18.0
HANDS—Male	148	_	_
*HOOTON—Females	1908	60.4; 133.1 (Median)	_
HOOTON—Males	1959	75.6; 166.7 (Median)	
INDIA	691	56.33; 124.20	6.77; 14.93
JAPAN	239	61.12; 134.74	5.86; 12.91
KOREA	264	62.72; 138.24	6.52;14.38
MORANT	200	66.95; 147.6	8.27; 18.24
NATO—Turkey	915	64.61; 142.43	8.23; 18.14
NATO—Greece		67.03; 147.77	7.62; 16.79
NATO—Italy	1358	70.26; 154.89	8.43; 18.58
NAVY RECRUITS		71.55; 157.75	10.55; 23.28
NORWAY	5765	70.09; 154.52	7.46; 16.44
RAF-RCAF—RAF		71.92; 158.56	9.24; 20.39
RAF-RCAF—RCAF	314	76.41; 168.47	9.88; 21.79
THAI	2950	56.3; 124.1	5.8; 12.8
1000 AVIATORS		80.40; 177.27	9.26; 20.47
*US ADULTS—Females		64.4;142	[10.8; 23.7]
US ADULTS—Males		76.2; 168	[10.8; 23.7]
USAF '50	4052	74.23; 163.66	9.46; 20.86
USMC	2006	72.64; 160.16	8.92; 19.67
USN	1549	77.74; 171.40	8.66; 19.09
VIETNAM	2128	51.1; 112.7	6.0; 13.2
*WAC—Nurses		60.43; 133.25	9.16; 20.22
*WAC—Enlisted	4299	60.11; 132.54	9.33; 20.59
*WAC—Officers	468	61.40; 135.38	7.32; 16.15
*WAF RECRUITS	851	55.91;123.27	6.59; 14.54
*WASP—Nurses	150	55.29; 121.9	_
*WASP—Pilots	446	58.33; 128.6	_
*WOMEN	10042	60.54; 133.48	11.78; 25.98
WORKING POS I	40	72.89; 160.70	9.76; 21.53
WORKING POS II	53	73.14; 161.25	9.62;21.22

^{*}Female sample

A Collation of

ANTHROPOMETRY

Volume I

ABDOMEN [DEPTH, SITTING]

Reference: INDIA

†The height of the seat is first adjusted by adding to or reducing the number of piece; of wooden blocks on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing.† †arm touching against the side of the body and the fore-arm at right angle and arm with palm stretched facing inwards† . . . block placed at the umbilical level.

N: 691

X: 23.06 cm; 9.08 in

SD: 1.78 cm; 0.70 in

V%: [7.72]

Similar Dimensions:

None

See Also:

Abdominal Depth

ABDOMINAL CIRCUMFERENCE

Reference: THOUSAND AVIATORS

The relaxed abdomen was measured at the level of the umbilicus just superior to the "fat roll."

N - 675

X: 90.74 cm; 35.72 in

SD: 7.75 cm; 3.05 in

V%: [8.5]

Similar Dimensions:

Equivalent:

ARMY '66: Waist Circumference

NATO: Waist Circumference - Omphalion NAVY RECRUITS: Waist Circumference

THAI: Waist Circumference USMC: Waist Circumference VIETNAM: Waist Circumference

Not Equivalent:

ARMY QM: Waist Circumference - midway between the lowest margins of the ribs . . . and superior margins . . . of iliac crests

Abdominal Circumference—THOUSAND AVIATORS (Continued)

AUSTRALIA: Waist [Circumference] - just above the hip bones

BULGARIA: Waist Circumference - the thinnest part of the abdomen FAA: Waist Circumference - maximum diameter above the iliac crests

FRANCE '65: Périmètre abdominal - [level with the upper edges of the iliac crests]

GENEVA: Minimum Circumference of the Waist - at . . . most constricted portion of the abdomen

JAPAN: Waist Circumference - level of greatest lateral indentation in the region of the abdomen

KOREA: Waist Circumference - lcvcl of greatest lateral indentation in the region of the abdomen

MONTAGU: Minimum Circumference of the Trunk-Waist Girth - minimum waist girth

USAF '50: Waist Circumference - level of greatest lateral indentation in the region of the abdomen

USN: Waist Circumference - level of greatest lateral indentation in the region of the abdomen

WAC: Waist Circumference - between the superior borders of the hips and the inferior borders of the ribs

WAF RECRUITS: Waist Circumference - natural waistline . . . (minimum circumference)

WASP: Waist Circumference - Minimum circumference around waist

WOMEN: Waist Girth - lower edge of the lowest ribs

Indeterminable:

ARMY AVIATORS: Waist Circumference [waist level not defined]

See Also:

Abdominal Extension Arc Abdominal Extension Girth Halfway to Hip Circumference

ABDOMINAL DEPTH

Reference: AAF

Maximum horizontal contact dimension, wherever found.

Cadets	Gunners

N: 2958 584
Median: 20.79 cm; 8.18 in 20.71 cm; 8.15 in

SD: NDA NDA V%: NDA NDA

Abdominal Depth-AAF (Continued)

Similar Dimensions:

Equivalent:

ARMY ARMORED: Abdominal Depth

TUFTS: Abdominal Depth

Not Equivalent:

ARMY QM: Trunk Depth - maximum anterior-posterior diameter of either the thorax or abdomen

KOREA: Waist Depth - between the points marked †the natural waistline . . . greatest lateral indentation

NATC: Waist Depth-Omphalion - at the level of the center of the umbilicus.

USA's '50: Waist Depth - between the points marked † the natural waistline . . . greatest lateral indentation

USN: Waist Depth - at the level of the center of the umbilicus

WAC: Trunk Depth - maximum anterior-posterior diameter of the thorax or abdomen . . . below breasts

Indeterminable:

FAA: Waist Depth - [area on waist not specified]

See Also:

Abdomen [Depth, Sitting]

ABDOMINAL DEPTH

Reference: ARMY ARMORED

Maximum horizontal contact dimension, wherever found.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Abdominal Depth TUFTS: Abdominal Depth

Not Equivalent:

ARMY QM: Trunk Depth - maximum anterior-posterior diameter of either the thorax or abdomen

KOREA: Waist Depth - between the points marked †the natural waistline...greatest lateral indentation

NATO: Waist Depth-Omphalion - at the level of the center of the umbilicus

USAF '50: Waist Depth - between the points marked †the natural waistline . . . greatest lateral indentation

Abdominal Depth-ARM\() ARMORED (Continued)

USN: Waist Depth - at the level of the center of the umbilicus

WAC: Trunk Depth - maximum anterior-posterior diameter of the thorax or abdo-

men . . . below breasts

Indeterminable:

FAA: Waist Depth - [area on waist not specified]

See Also:

Abdomen [Depth, Sitting]

ABDOMINAL DEPTH

Reference: TUFTS

Maximum horizontal contact dimension, wherever found. (Sitting) [Sic] [Standing]

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Abdominal Depth

ARMY ARMORED: Abdominal Depth

Not Equivalent:

ARMY QM: Trunk Depth - maximum anterior-posterior diameter of either the thorax or abdomen

KOREA: Waist Depth - between the points marked †the natural waist line . . . greatest lateral indentation

NATO: Waist Depth-Omphalion - at the level of the center of the umbilicus.

USAF '50: Waist Depth - between the points marked the natural waist line . . . greatest lateral indentation

USN: Waist Depth - at the level of the center of the umbilicus

WAC: Trunk Depth - maximum anterior-posterior diameter of the thorax or abdomen . . . below breasts

Indeterminable:

FAA: Waist Depth - [area on waist not specified]

See Also:

Abdomen [Depth, Sitting]

ABDOMINAL-EXTENSION ARC

Reference: WOMEN

Tape. †The subject stood erect with her hands folded across her chest† The zero point of the tape was placed at the landmark †The region of the abdomen below the waist was viewed from the side and a landmark placed at the level of greatest protuberence† on the right side which indicated the level of the greatest abdominal extension. The tape was then passed without constriction across to the corresponding level on the left side, where the reading was taken.

N: 10042

X: 49.96 cm, 19.67

SD: 6.86 cm, 2.70

V%: 13.7

Similar Dimensions:

None

See Also:

Abdominal-Extension Girth Waist Circumference

ABDOMINAL-EXTENSION GIRTH

Reference: WOMEN

Tape.... The subject stood erect with her hands folded across her chest The tape was passed around the body so that the upper porder of the tape was at the level previously marked as the greatest extension of the abdomen †The region of the abdomen below the waist was viewed from the side and a landmark placed at the level of greatest protuberence† ... measurement taken without restriction.

N: 10042

X: 91.95 cm, 36.20 in

SD: 11.96 cm, 4.71 in

V%: 13.0

Similar Dimensions:

None

See Also:

Abdominal-Extension Arc Waist Circumference

ABDOMINAL-EXTENSION HEIGHT

Reference: WOMEN

Anthropometer The subject stood erect, the palms of the hands at the thighs, with her weight evenly distributed on her feet The anthropometer was held vertical in the right hand and the movable arm raised with the lest until the brass point rested on the landmark †The region of the abdomen below the waist was viewed from the side and a landmark placed at the level of greatest protuberance† †The height . . . from the floor was measured.

N: 10042

X: 92.13 cm; 36.27 in

SD: 4.93 cm, 1.94 in

V%: 5.3

Similar Dimensions:

None

See Also:

Waist Height

ACROMIAL HEIGHT

Reference: WAF RECRUITS

Subject stands erect. Measure from the floor to the marked acromion point † the outer end of the transverse spine of the shoulder blade † on the right side with the anthropometer.

N: 849

X: 131.48 cm; 51.76 in SD: 5.53 cm: 2.18 in

V%: 4.21

Similar Dimensions:

Equivalent:

ARMY '66: Shoulder Height (Acromiale Height)

MARTIN: Hoehe des rechten Akromion ueber dem Boden

MONTAGU: Right Acromial Height

NAVY RECRUITS: Shoulder Height (Acromiale Height)

THAI: Shoulder Height

USMC: Shoulder Height (Acromiale Height)

VIETNAM: Shoulder Height

Not Equivalent:

FAA: Shoulder Height - using a wallboard

Acromial Height-WAF RECRUITS (Continued)

GENEVA: Acromion [Height] - superior and external border of the acromion HRDLICKA: Shoulder Height - upper surface of the outermost part of the acromion

JAPAN: Shoulder Height - highest point on the lateral edge of the shoulder bone KOREA: Shoulder Height (Acromial Height) - highest point on the lateral edge of the shoulder bone

NATO: Acromiale Height (Shoulder Height) - highest point . . . on the lateral edge of the acromial spine

USAF '50: Shoulder Height (Acromial Height) - highest point on the lateral edge of the shoulder bone

WAC: Acromion Height - most lateral point on the superior surface of the acromial process

Indeterminable:

None

See Also:

Shoulder Height, Sitting

ACROMIALE HEIGHT (SHOULDER HEIGHT)

Reference: NATO

Subject stands erect. Using the anthropometer, measure the vertical distance from the standing surface to the right acromion landmark the highest point above the floor that can be palpoted on the lateral edge of the acromial spine of the scapulat.

Turkey	Greece	Italy
N: 915	1084	1358
X: 137.68 cm; 54.20 in	138.63 cm; 54.58 in	133.90 cm; 54.69 in
SD: 5.35 cm; 2.11 in	5.41 cm; 2.13 in	5.90 cm; 2.32 in
V%: 3.89	3.90	4.24

Similar Dimensions:

Equivalent:

GENEVA: Acromion [Height] HRDLICKA: Shoulder Height JAPAN: Shoulder Height

KOREA: Shoulder Height (Acromial Height) USAF '50: Shoulder Height (Acromial Height)

WAC: Acromion Height

Not Equivalent:

ARMY '66: Shoulder Height (Acromiale Height) - to the outer point (acromion) of the right shoulder

Acromiale Height (Shoulder Height)—NATO (Continued)

FAA: Shoulder Height - using a wall board

MARTIN: Hoehe des rechten Akromion ueber dem Boden - [point on the lateral

MONTAGU: Right Acromial Height -lateral projection of the lateral border . . . of the scapula

NAVY RECRUITS: Shoulder Height (Acromiale Height) - to the outer point (acromion) of the right shoulder

THAI: Shoulder Height - to outer point of shoulder (acromiale)

USMC: Shoulder Height (Acromiale Height) - to the outer point (acromion) of the right shoulder

VIETNAM: Shoulder Height - to outer point of right shoulder (acromiale)

WAF RECRUITS: Acromial Height - outer edge of the transverse spine of the shoulder blade

Indeterminable:

None

See Also:

Shoulder Height, Sitting

ACROMION [HEIGHT]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal.† . . . anatomical landmark: superior and external border of the acromion process. †height of the "anatomical landmark" above the ground is to be determined.†

No Data Available

Similar Dimensions:

Equivalent:

HRDLIČKA: Shoulder Height JAPAN: Shoulder Height

KOREA: Shoulder Height (Acromial Height) NATO: Acromiale Height (Shoulder Height) USAF '50: Shoulder Height (Acromial Height)

WAC: Acromion Height

Not Equivalent:

ARMY '66: Shoulder Height (Acromiale Height) - to the outer point (ecromion) of the right shoulder

Aeromion [Height]-GENEVA (Continued)

FAA: Shoulder Height - using a wall board

MARTIN: Hoche des rechten Akromion ueber dem Boden - [point on the lateral

MONTAGU: Right Acromial Height - lateral projection on the lateral border . . . of the scapula

NAVY RECRUITS: Shoulder Height (Acromiale Height) - to the outer point (acromials)

THAI: Shoulder Height - to outer part of right shoulder (acromiale)

USMC: Shoulder Height (Acromiale Height) - to the outer point (acromion) of the right shoulder

VIETNAM: Shoulder Height - to outer point of right shoulder (acromiale)

WAF RECRUITS: Acromial Height - outer edge of the transverse spine of the shoulder blade

Indeterminable:

None

See Also:

Shoulder Height, Sitting

ACROMION HEIGHT

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† Measurement taken from floor vertically to left acromiale †the most lateral point on the superior surface of the acromial process†.

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Acromion [Height] HRDLICKA: Shoulder Height JAPAN: Shoulder Height

KOREA: Shoulder Height (Acromial Height) NATO: Acromiale Height (Shoulder Height) USAF '50: Shoulder Height (Acromial Height)

Not Equivalent:

ARMY '66: Shoulder Height (Acromiais Height) - to the outer point (acromion) of the right shoulder

FAA: Shoulder Height - using a wall board

Acromion Height-WAC (Continued)

MARTIN: Hoehe des rechten Akromion ueber dem Boden - [point on the lateral edge]

MONTAGU: Right Acromial Height - lateral projection of the lateral border . . . of the scapula

NAVY RECRUITS: Shoulder Height (Acromiale Height) - to the outer point (acromien) of the right shoulder

THAI: Shoulder Height - to outer point of right shoulder (acromiale)

USMC: Shoulder Height (Acromiale Height) - to the outer point (acromion) of the right shoulder

VIETNAM: Shoulder Height - to outer point of right shoulder (acromiale)

WAF RECRUITS: Acromial Height - outer edge of the transverse spine of the shoulder blade

Indeterminable:

None

See Also:

Shoulder Height, Sitting

ANKLE [HEIGHT]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface...: no support is to be given by a vertical plane; the upper limbs are pendant, the palms of the hands turned lineards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal.†...anatomical landmark: tip of the internal malleolus. †the height of the "anatomical landmark" above the ground is to be determined.†

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Medial Malleolus Height JAPAN: Medial Malleolus Height KOREA: Medial Malleolus Height NATO: Medial Malleolus Height USAF '50: Medial Malleolus Height WAF RECRUITS: Ankle Height

WOMEN: Ankle Height

Not Equivalent:

FRANCE '65: Hauteur du pied - [the inferior point of the medial malleolus]

KOREA: Lateral Malleclu: Height - the lateral malleclus

MARTIN: Hoche der rechter inneren Knoechelspitze ueber dem Boden

[sphyrion]

MONTAGU: Right Sphyrion Height — inferior surface of the medial malleolus NATO: Ankle Height — the least circumference of the ankle [height to level of]

NATO: Lateral Malleolus Height — the lateral malleolus NATO: Sphyrion Height — the height of the sphyrion. USAF '50: Lateral Malleolus Height — the lateral malleolus

Indeterminable:

None

ANKLE CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with his feet slightly apart. The minimum horizontal circumference of the right ankle is measured. A steel tape is used, with the tape passing above the projections of the ankle bones (malleoli).

Ankle Circumference-ARMY '66 (Continued)

N: 6682

 \overline{X} : 22.68 cm; 8.93 in SD; 1.44 cm; 0.57 in

V%: 6.34

Similar Dimensions:

Equivalent:

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg - Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference
USAF '50: Ankle Circumference
USMC: Ankle Circumference
USN: Ankle Circumference
VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference - in a plane passing through the . . . maileoli

FOOT: Lower Leg Girth - girth ... 125 mm above the ground

WOMEN: Ankle Girth - through . . . medial point of malleolus medialis

Indeterminable:

None

ANKLE CIRCUMFERENCE

Reference: ARMY QM

tErect posture, legs spread slightly? The minimum circumference of the ankle taken in a plane passing through the most prominent points over the external and internal malleoli with firm contact.

Ankle Circumference-ARMY QM (Continued)

N: 24,297

X: 26.31 cm; 10.36 in

SD: 1.45 cm; 0.57 in

V%: [5.5]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Ankle Circumference—minimum horizontal circumference of the right ankle

FAA: Ankle Circumference-immediately proximal to the malleolae

FOOT: Lower Leg Girth-girth . . . 125 mm above the ground

FRANCE '65: Périmètre minimum de la jambe-[above the malleoli]

GENEVA: Minimum Circumference of the Leg-above the level of the malleoli

JAPAN: Aukle Circumference—(... proximal to) the projections of the ankle bones

KOREA: Ankle Circumference—(... proximal to) the projections of the ankle

MARTIN: Kleiuster Umfany des rechten Unterschenkels-[directly above the malleoli]

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle-above . . . malleoli

NATO: Ankle Circumference-landmark indicating least circumference

NAVY RECRUITS: Ankle Circumference—minimum horizontal circumference of the right ankle

THAI: Ankle Circumference—just above . . . ankle bones

USAF '50: Ankle Circumference—(... proximal to) the projections of the ankle bones

USMC: Aukle Circumference-minimum horizontal circumference of the right

USN: Ankle Circumference-at the landmark indicating least circumference

VIETNAM: Ankle Circumference—just above projections of ankle bones

WAF RECRUITS: Ankle Circumference—above the projections of the ankle bones

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

WOMEN: Minimum Lcg Girth-above the . . . malleoli

Indeterminable:

Reference: FAA

The minimal circumference of the ankle at a level immediately proximal to the malleolae.

N: 681

 \overline{X} : 23.20 cm; 9.13 in SD: 1.40 cm, 0.55 in

V%: 6.07

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference USAF '50: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference-in a plane passing through the . . . maileoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Reference: JAPAN

Subject stands. Holding the tape slightly above (i.e., proximal to) the projections of the ankle bones, measure the minimum circumference of the right leg.

N: 239

 \overline{X} : 21.68 cm; 8.54 in SD: 1.23 cm; 0.48 in

V%: 5.70

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference
USAF '50: Ankle Circumference
USMC: Ankle Circumference
USN: Ankle Circumference

VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the ... malleoli

FOOT: Lower Leg Girth-girth . . . 125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Peference: KOREA

Subject stands. Holding the tape slightly above (i.e., proximal to) the projections of the ankle bones, measure the minimum circumference of the right leg.

N: 264

 \overline{X} : 21.83 cm; 8.59 in SD: 1.52 cm; 0.60 in

V%: 6.94

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg.

JAPAN: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circum ference

THAI: Ankle Circumference USAF '50: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference

VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference-in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Reference: NATO

Subject stands. Holding the tape in a horizontal plane, measure the circumference of the right ankle at the landmark indicating least circumference.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	22.46 cm; 8.84 in	22.56 cm; 8.88 in	22.60 cm; 8.90 in
SD:	1.32 cm; 0.52 in	1.15 cm; 0.45 in	1.27 cm; 0.50 in
V%:	5.85	5.10	5.62

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference
USAF '50: Ankle Circumference
USMC: Ankle Circumference
USN: Ankle Circumference
VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth . . . 125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Reference: NAVY RECRUITS

Subject stands erect, with his feet slightly apart. The minimum horizontal circumference of the right ankle is measured. A steel tape is used, with the tape passing above the projections of the ankle bones (malleoii).

N: 4095

 \overline{X} : 23.24 cm; 9.15 in SD: 1.57 cm; 0.62 in

V%: 6.78

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference THAI: Ankle Circumference USAF '50: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumf erence

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Reference: THAI

Measured as minimum circumference of right ankle, with tape passing just above projections of ankle bones (malleoli).

N: 2950

 \overline{X} : 21.0 cm; 8.3 in SD: 1.2 cm; 0.5 in

V%: 5.7

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circum ference

USAF '50: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference-ir a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through... medial point of malleolus medialis

Indeterminable:

Reference: USAF '50

Subject stands. Holding the tape slightly above (i.e., proximal to) the projections of the ankle bones, measure the minimum circumference of the right leg.

N: 4061

 \overline{X} : 22.68 cm; 8.93 in SD: 1.45 cm; 0.57 in

V%: 6.39

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Untersehenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference

VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Lcg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

Reference: USMC

Subject stands erect, with his feet slightly apart. The minimum horizontal circumference of the right ankle is measured. A steel tape is used, with the tape passing above the projections of the ankle bones (maileoli).

N: 2008

 \overline{X} : 22.65 cm; 8.92 in SD: 1.34 cm; 0.53 in

V%: 5.93

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference USAF '50: Ankle Circumference USN: Ankle Circumference

VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through ... medial point of malleolus medialis

Indeterminable:

Reference: USN

Subject stands. Holding the tape in a horizontal plane measure the circumference of the right ankle at the landmark indicating least circumference.

N: 1549

 \overline{X} : 22.58 cm; 8.89 in SD: 1.25 cm; 6.49 in

V%: 5.53

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumferer.ce of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference USAF '50: Ankle Circumference USMC: Ankle Circumference VIETNAM: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth . . . 125 mm above the ground

WOMEN: Ankle Girth—through . . . medial point of malleolus medialis

Indeterminable:

Reference: VIETNAM

Measured as minimum circumference of right ankle, with tape passing just above projections of ankle bones (malleoli).

N: 2122

 \overline{X} : 20.1 cm; 7.9 in SD: 1.2 cm; 0.5 in

V%: 6.0

Similar Dimensions:

Equivalent:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Lcg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumfcrence

THAI: Ankle Circumference USAF '50: Ankle Circumference USMC: Ankle Circumference USN: Ankle Circumference

WAF RECRUITS: Ankle Circumference

WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleous medialis

Indeterminable:

Reference: WAF RECRUITS

Subject stands. Measure the minimum circumference with the tape held above the projections of the ankle bones of the right leg.

N: 848

 \overline{X} : 21.51 cm; 8.47 in SD: 1.23 cm; 0.48 in

V%: 5.71

Similar Dimenilons:

Equivalenc:

ARMY '66: Ankle Circumference

FAA: Ankle Circumference

FRANCE '65: Périmètre minimum de la jambe GENEVA: Minimum Circumference of the Leg

JAPAN: Ankle Circumference KOREA: Ankle Circumference

MARTIN: Kleinster Umfang des rechten Unterschenkels

MONTAGU: Minimum Circumference of the Right Leg-Girth of Ankle

NATO: Ankle Circumference

NAVY RECRUITS: Ankle Circumference

THAI: Ankle Circumference
USAF '50: Ankle Circumference
USMC: Ankle Circumference
USN: Ankle Circumference

VIETNAM: Ankle Circumference WOMEN: Minimum Leg Girth

Not Equivalent:

ARMY QM: Ankle Circumference—in a plane passing through the . . . malleoli

FOOT: Lower Leg Girth-girth...125 mm above the ground

WOMEN: Ankle Girth-through . . . medial point of malleolus medialis

Indeterminable:

ANKLE DIAMETER

Reference: THOUSAND AVIATORS

†Measured with an anthropometer to the nearest millimeter with firm pressure on bony prominences.† Maximal diameter between malieoli with subject standing on a chair. Anthropometer blades were held 45 degrees down from the horizontal plane.

N: 675

 \overline{X} : 7.13 cm; 2.81 in SD: 0.35 cm; 0.14 in

V%: [4.9]

Similar Dimensions:

Equivalent:

Nor.e

Not Equivalent:

None

Indeterminable:

KOREA: Bimalleolar Breadth — [pressure not specified]
NATO: Bimalleolar Breadth — [pressure not specified]
USAF '50: Bimalleolar Breadth — [pressure not specified]

ANKLE GIRTH

Reference: WOMEN

Tape.†The subject sat on a table with the feet placed in a chair high enough to form a right angle at the knee.† The tape was placed around the ankle so that the upper border passed through the landmark †medial point of malleolus medialis† with the zero point in the center front. It was held with sufficient tension to maintain it in pesition at the landmark and over the irregular contours of the ankle.

N: 10042

 \overline{X} : 23.65 cm; 9.31 in

SD: 1.70 cm; 0.67 in

V%: 7.2

Ankle Girth-WOMEN (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Ankle Circumference —minimum horizontal circumference of the right ankle

ARMY QM: Ankle Circumference -in a plane passing through the . . . malleoli

FAA: Ankle Circumference - immediately proximal to the malleolae

FOOT: Lower Leg Girth - girth . . . 125 mm above the ground

FRANCE '65: Périmètre minimum de la jambe — [above the malleoli]

GENEVA: Minimum Circumference of the Leg — above the level of the malleoli

JAPAN: Ankle Circumferenec — (... proximal to) the projections of the ankle bones

KOREA: Ankle Circumference — (... proximal to) the projections of the ankle

MARTIN: Kleinster Umfang des rechten Unterschenkels — [directly above the malleoli]

MONTAGU: Minimum Circumference of the Right Leg — Girth of Ankle — above . . . malleoli

NATO: Ankle Circumference - landmark indicating least circumference

NAVY RECRUITS: Ankle Circumference—minimum horizontal circumference of the right ankle

THAI: Ankle Circumference - just above . . . ankle bones

USAF '50: Ankle Circumference — (... proximal to) the projections of the ankle bones

USMC: Ankle Circumference — minimum horizontal circumference of the right ankle

USN: Ankle Circumference — landmark indicating least circumference

VIETNAM: Ankle Circumference — just above projections of ankle bones

WAF RECRUITS: Ankle Circumference — above the projections of the ankle

WOMEN: Minimum Leg Girth — above the . . . malleoli

Indeterminable:

ANKLE HEIGHT

Reference: NATO

Subject stands with his weight equally distributed on both feet, and the right foot slightly forward. Using the anthropometer, measure the vertical distance from the standing surface to the landmark the level of the minimum eigenmeerence of the lower legt indicating the least circumference of the ankle.

	Tur! cey	Greece	Italy
N:	913	1084	1358
$\overline{\mathbf{X}}$:	12.01 cm; 4.73 in	12.39 cm; 4.88 in	12.90 cm; 5.08 in
SD:	0.86 cm; 0.34 in	0.67 cm; 0.26 in	0.65 cm; 0.26 in
V%:	7.19	5.38	5.02

Similar Dimensions:

Equivalent:

None

Not Equivalent:

BULGARIA: Medial Malleolus Height — from maleolus internus

FRANCE '65: Hauteur du pied — [the inferior point of the medial malleolus]

GENEVA: Ankle [Height] — tip of the internal malleolus

JAPAN: Medial Malleolus Height — the medial malleolus . . . its most project-

KOREA: Lateral Malleolus Height — the lateral malleolus

KOREA: Medial Malleolus Height — the medial malleolus . . . its most projecting point

MARTIN: Hoehe der rechten inneren Knoechelspitze ueber dem Boden -[sphyrion]

MONTAGU: Right Sphyrion Height — inferior surface of the medial malleolus

NATO: Lateral Malleolus Height — the lateral malleolus

NATO: Medial Malleolus Height — the medial malleolus . . . its most projecting

NATO: Sphyrion Height - the height of the sphyrion landmark

USAF '50: Lateral Malleolus Height — the lateral malleolus

USAF '50: Medial Malleolus Height — the medial malleolus . . . its most projecting point

WAF RECRUITS: Ankle Height — the medial ankle bone . . . the center of the

WOMEN: Ankle Height — most medial point of the malleolus medialis

Indeterminable:

ANKLE HEIGHT

Reference: WAF RECRUITS

Subject stands, preferably on a table, with weight equally distributed on both feet and the right foot slightly forward. The measurement is taken by means of a special block having a scale perpendicular to the table top. Bring the surface of the block against the medial ankle bone of the right foot and measure the height to the center of the area of tangency with the ankle bone to the nearest half-centimeter.

N: 845

 \overline{X} : 6.03 cm; 2.37 in

SD: 0.39 cm; 0.15 in

V%: 6.52

Similar Dimensions:

Equivalent:

BULGARIA: Medial Malleolus Height

GENEVA: Ankle [Height]

JAPAN: Medial Malleolus Height KOREA: Medial Malleolus Height NATO: Medial Malleolus Height USAF '50: Medial Malleolus Height

WOMEN: Ankle Height

Not Equivalent:

FRANCE '65: Hauteur du pied — [the inferior point of the medial malleolus]

KOREA: Lateral Malleolus Height — the lateral malleolus

MARTIN: Hoche der rechten inneren Knoechelspitze veber dem Boden-

[sphyrion]

MONTAGU: Right Sphyrion Height — inferior surface of the medial mallcolus NATO: Ankle Height — the least circumference of the ankle [height to level of]

NATO: Lateral Malleolus Height — the lateral malleolus

NATO: Sphyrion Height — the height of the sphyrion

USAF '50: Lateral Malleolus Height — the lateral malleolus

Indeterminable:

ANKLE HEIGHT

Reference: WOMEN

Sliding caliper.... The subject stood in a normal, nonfatigue position with her feet 6 to 8 inches apart and her weight evenly distributed on them.... The sliding caliper was placed between the feet of the subject with its shaft vertical and resting on its fixed arm. The movable arm was raised until the lower edge touched the landmark †most medial point of the malleolus medialis †.

N: 10042

 \overline{X} : 7.57 cm; 2.98 in SD: 0.71 cm; 0.28 in

V%: 9.4

Similar Dimensions:

Equivalent:

BULGARIA: Medial Malleolus Height JAPAN: Medial Malleolus Height

KOREA: Medial Malleolus Height
NATO: Medial Malleolus Height
USAF '50: Medial Malleolus Height
WAF RECRUITS: Ankle Height

Not Equivalent:

FRANCE '65: Hauteur du pied — [the inferior point of the medial malleolus]

KOREA: Lateral Malleolus Height - the lateral malleolus

MARTIN: Hoehe der rechten inneren Knoechelspitze ueber dem Boden — [sphyrion]

MONTAGU: Right Sphyrion Height — inferior surface of the medial malleolus NATO: Ankle Height — the least circumference of the ankle [height to level of]

NATO: Lateral Malleolus Height — the lateral malleolus NATO: Sphyrion Height — the height of the sphyrion

USAF '50: Lateral Malleolus Meight — the lateral malleolus

Indeterminable:

ANKLE LENGTH

Reference: FOOT

Length from posterior aspect of leg, 65 mm above the ground, to the junction of the foot and leg.

White		Negro	
N:	5574	1200	
$\overline{\mathbf{X}}$:	11.13 cm; 4.38 in	11.37 cm; 4.48 in	
Est SD:	[0.64 cm; 0.25 in]	[0.69 cm; 0.27]	
Est V%:	[5.8]	[6.1]	

Similar Dimensions:

None

ANTERIOR ARM LENGTH

Reference: WOMEN

Tape.... The subject assumed her normal erect porture with feet together. Her right arm was raised laterally about 30 degrees without elevating the shoulder. The fingers were extended and the palm of the hand directed toward her thigh. ... The zero point of the tape was placed at the underarm midpoint on the arm †placed with reference to the natural folds in the armp it and the total width of the shoulder... The level of the midpoint was set with respect to the more elearly defined folds ... A short, thin line on the trunk marked the underarmseye level.... A vertical line indicating half of the total width of the shoulder was drawn through this to give the underarm midpoint of the trunk.... The underarm midpoint on the arm was placed so that it fell upon the midpoint of the trunk when the arm was lowered to the side† The reading was made at the midanterior wrist point †placed on the anterior or volar surface of the wrist.... a sighted projection of the distal end of the ulna †.

N: 10042 X: 42.19 cm; 16.61 in SD: 2.87 cm; 1.13 in V%: 6.8

Similar Dimensions:

Equivalent:

Anterior Arm Length-WOMEN (Continued)

Not Equivalent:

JAPAN: Sleeve Inseam — to the notch beyond the radial styloid process KOREA: Sleeve Inseam — to the notch beyond the radial styloid process

NATO: Sleeve Inseam — over the proximal edge of the navicular

THAI: Sleeve Inscam — to the wrist (navicular)

USAF '50: Sleeve Inseam - to the notch beyond the radial styloid process

USN: Sleeve Inseam - over the proximal edge of the navicular

VIETNAM: Sleeve Inseam — to the wrist (navicular)

WAF RECRUITS: Sleeve Inseam — to the distal surface of the styloid process of the radius

Indeterminable:

ARMY '66: Sleeve Inseam - [wrist not defined]

NAVY RECRUITS: Sleeve Insect - [s. cist not defined]

USMC: Sleeve Inseam - [wrist not clined]

ANTERIOR ARM REACH

Reference: AAF

Heels together; heels, buttocks, middle of back (in lateral sense), and occiput against wall. Require subject to attain maximum horizontal forward reach, with contacts maintained. Both arms horizontal, extended equally. Distance from wall to tip of right middle finger.

Cadets

Gunners

N: 2959

Median: 89.34 cm: 35.2 in

SD: NDA V%: NDA 580

83.38 cm; 34.8 in

NDA NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach

USAF '50: Arm Reach From Wall

WASF: Anterior Arm Reach

Anterior Arm Reach-AAF (Continued)

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ANTERIOR ARM REACH

Reference: ARMY ARMORED

Heels together; heels, buttocks, middle of back (in lateral sense), and occiput against wall. Require subject to attain maximum horizontal forward reach, with contacts maintained. Both arms horizontal, extended equally. Distance from wall to tip of right middle finger.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY AVIA'TORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach

USAF '50: Arm Reach From Wall

WASP: Anterior Arm Reach

Anterior Arm Reach-ARMY (Continued)

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ANTERIOR ARM REACH

Reference: TUFTS

Heels together; heels, buttocks, middle of back (in lateral sense), and occiput against wall. Require subject to attain maximum horizontal forward reach, with contacts maintained. Both arms horizontal, extended equally. Distance from wall to tip of right middle finger.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length

USAF '50: Arm Reach From Wall WASP: Anterior Arm Reach

Anterior Arm Reach-TUFTS (Continued)

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ANTERIOR ARM REACH

Reference: WASP

Heels together; heels, buttocks, middle of back (in lateral sense), and occiput against wall. Require subject to attain maximum horizontal forward reach, with contacts maintained. Both arms horizontal, extended equally. Distance from wall to tip of right middle finger.

Women Pilots	Flying Nurses
N: 447	152
\overline{X} : 80.74 cm; 31.8 in	79.05 cm; 31.1 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Feach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall INDIA: Arm [Length]

Anterior Arm Reach-WASP (Continued)

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach USAF '50: Arm Reach From Wall

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KCREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ANTERIOR BUST ARC

Reference: WOMEN

Tape.... The subject's position was her normal, erect posture. [Subject wore] † a snug bandeau.† The zero point of the tape was placed at the average bust level † the level at which it appeared that the girth would be the greatest... when the subject was viewed from the side† on the subject's right side, the tape passed across the largest part of the bust, and the reading taken at the corresponding level of the left side. Care was exercised not to constrict the musculature and the mammary glands. The reading was taken at the midpoint of respiration.

N: 10042

 \overline{X} : 51.00 cm; 20.08 in SD: 6.78 cm; 2.67 in

V%: 13.3

Anterior Bust Arc-WOMEN (Continued)

Simllar Dimensions:

None

See Also:

Bust Circumference

ANTERIOR CHEST WIDTH

Reference: WOMEN

Tape.... †The subject stood erect with feet as close together as was comfortable and with the palms of the hands on the thighs.† The upper border of the tape was placed horizontally, thout constriction, at the level of the anterior landmark of the armscye with the zero point at the right armscye †placed with reference to the natural folds in the except and the total width of the shoulder. ... The level of the measurant was set with respect to the more clearly defined folds † The reading was taken on the armscye of the left arm.

N: 10042

 \overline{X} : 31.67 cm; 12.47 in SD: 2.29 cm; 0.90 in

V%: 7.2

Similar Dimensions:

None

ANTERIOR CROTCH LENGTH

Reference: WOMEN

Tape. †After pulling up the measuring suit by the waist band to insure a snug adjustment at the crotch, the subject placed her left foot on a stool or other steady object which elevated the left foot to the midlevel of the patella of the right leg. Her weight was evenly distributed on her feet, the long axis of the right leg being held approximately perpendicular and the principal transverse axis of the pelvis approximately horizontal to the floor. The right foot was directed straight forward and the left hand rested on the left thigh. The head and trunk were erect.†... The zero point of the tape was placed at the average waist level tlies at the lower edge of the lowest rib... in the midaxillary line†... The measurer then dropped the tape... to the crotch level.... The tape was lowered from the perineum by the width of the tip of

Anterior Crotch Length--WOMEN (Continued)

the measurer's index finger so that the measurer could grasp the tape between the index finger and thumb at the medial landmark of the thigh the middle line of the inner surface of the right thigh was sighted and marked with a thin vertical line extending downward from the perineum. This landmark was the reading point for the measurement. The reading was taken while the tape was held at a distance equal to the width of the index finger below the perineum.

N: 10042

 \overline{X} : 36.88 cm; 14.52 in SD: 3.89 cm; 1.53 in

V%: 10.6

Similar Dimensions:

None

ANTERIOR NECK LENGTH

Reference: JAPAN

Subject stands erect looking directly forward (head oriented in the Frankfort plane). Using the tape, measure the surface distance from the marked point at the upper edge of the breastbone (suprasternale) the lowest point of the notch in the upper edge of the breastbone to the juncture of the chin and the neck.

N: 178

 \overline{X} : 9.46 cm; 3.72 in SD: 1.40 cm; 0.55 in

V%: 14.80

Similar Dimensions:

Equivalent:

KOREA: Anterior Neek Length NATO: Anterior Neek Length USAF '50: Anterior Neek Length

Not Equivalent:

None

Indeterminable:

ANTERIOR NECK LENGTH

Reference: KOREA

Subject stands erect looking directly forward (head oriented in the Frankfort plane). Using the tabe, measure the surface distance from the marked point at the upper edge of the breastbone (suprasternale) †the lowest point of the notch in the upper edge of the breasthone† to the juncture of the chin and the neck.

N: 264

 \overline{X} : 9.65 cm; 3.80 in SD: 1.13 cm; 0.45 in

V%: 11.77

Similar Dimensions:

Equivalent:

JAPAN: Anterior Neck Length NATO: Anterior Neck Length USAF '50: Anterior Neck Length

Not Equivalent:

None

Indeterminable:

None

ANTERIOR NECK LENGTH

Reference: NATO

Subject stands erect, his head in the Frankfort plane. Using the tape, measure the surface distance from the anterior neck landmark the junction in the midsagittal plane of the under surface of the jaw with the column of the neckt to the suprasternale landmark the lowest point of the notch in the upper anterior edge of the sternum or breastbone t.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	9.06 cm; 3.57 in	3.34 cm; 3.68 in	9.09 cm; 3.58 in
SD:	1.37 cm; 0.54 in	1.22 cm; 0.48 in	1.38 cm; 0.54 in
V%:	15.13	13.01	15.13

Auterior Neck Length-NATO (Continued)

Similar Dimensions:

Equivalent:

JAPAN: Anterior Neck Length KOREA: Anterior Neck Length USAF '50: Anterior Neck Length

Not Equivalent:

None

Indeterminable:

None

ANTERIOR NECK LENGTH

Reference: USAF '50

Subject stands erect looking directly forward (head oriented in the Frankfort plane). Using the tape, measure the surface distance from the marked point at the upper edge of the breastbone (suprasternale) the lowest point of the notch in the upper edge of the breastbone; to the juncture of the chin and the neck.

N: 4063

 \overline{X} : 8.64 cm; 3.40 in SD: 1.63 cm; 0.64 in

V%: 18.80

Similar Dimensions:

Equivalent:

JAPAN: Anterior Neck Length KOREA: Anterior Neck Length NATO: Anterior Neck Length

Not Equivalent:

None

Indeterminable:

ANTERIOR WAIST ARC

Reference: WCMEN

Tape. †The subject's position was her normal, erect posture with feet together.† The zero point of the tape was placed at the average waist level †at the lower edge of the lowest rib... in the mid-axillary line. This waist level corresponds very closely to the natural waist which can be seen when the side profiles of the body are slightly concave† on the subject's right side and the tape passed without constriction across the waist at the average waist level in the center front. The reading was taken at the corresponding level on the left side.

N: 10,042

 \overline{X} : 41.96 cm; 16.52 in

SD: 7.32 cm; 2.88 in

V%: 17.4

Similar Dimensions:

None

ANTERIOR WAIST LENGTH

Reference: WGMEN

Tape. †The subject stood erect with feet as close together as was comfortable and with the palms of the hands on the thighs.† The zero point of the tape was held at the neck base †the neck chain was then placed around the neck so that it passed over the cervicale and the ... upper borders of the medial extremities of the right and left clavicles. A short vertical line intersecting the neck base at the center front was drawn in the median sagittal plane† in the center front and the reading made at the average waist level †lies at the lower edge of the lowest rib . . . in the midaxillary line. This waist level corresponds very closely to the natural waist which can be seen when the side profiles of the body are slightly concave †.

N: 10,042

 \overline{X} : 32.74 cm; 12.89 in SD: 2.26 cm; 0.89 in

V%: 6.9

Similar Dimensions:

Equivolent:

Anterior Waist Length-WOMEN (Continued)

Not Equivalent:

- JAPAN: Waist Front from ... (suprasternale) ... to †the level of greatest lateral indentation in the region of the abdomen
- KOREA: Waist Front from . . . (suprasternale) . . . to †the level of greatest lateral indentation in the region of the abdomen
- NATO: Waist Front-Omphalion from suprasternale . . . to the center of the umbilicus.
- USAF'50: Waist Front from... (suprasternale)... to †the level of greatest lateral indentation in the region of the abdomen
- WAC: Lateral Neck Point-Waist from left lateral neck point . . . to the level of the anterior waist point †minimal circumference between iliac crests and the 12th rib
- WAF RECRUITS: Waist Front to Cervicale from . . . cervicale . . . over the right shoulder to the waist point [between omphalion and greatest lateral indentation]
- WOMEN: Cervicale to Waist Anterior [from] cervicale . . . along the right side of the neck base . . . to waist level †at lower edge of the lowest rib† at center front

Indeterminable:

None

ANTERIOR-POSTERIOR DIAMETER OF THE CHEST

Reference: BULGARIA

ē

Rectilinear distance from mesosternale to the horizontally corresponding spine of the thoracic vertebra, under conditions of calm breathing and relaxed arms. Measured with pelvimeter.

Men		Women	
N:	1658	1577	
$\overline{\mathbf{X}}$:	[20.03 cm; 7.89 in]	[18.41 cm; 7.25 in]	
Est SD:	[1.88 cm; 0.74 in]	[1.85 cm; 0.73 in]	
Est V%:	[9.39]	[10.04]	

Similar Dimensions:

Equivalent:

Anterior-Posterior Diameter of the Chest -BULGARIA (Continued)

Not Equivalent:

AAF: Chest Depth -- at nipple level. . . . fixed arm of anthropometer in spinal groove

ARMY '66: Chest Depth — at the level of the nipples

ARMY ARTORED: Chest Depth — at nipple level

ARMY ARMORED: Chest Thickness — Greatest thickness from front to back ARMY AVIATORS: Chest Depth — at nipple level

ARMY AVIATORS: Great Depth — at hippie level

ARMY QM: Chest Depth — sliding arm of the anthropometer . . . just above the nipples

FAA: Chest Depth — at the nipple line

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Intermediate Stage] — at the level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid-Mean] — at level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Intermediate Stage] — measurement . . . made in the intermediate staget textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Mean] — mean of ... extremes of inspiration and of expiration

HRDLIČKA: Antero-Posterior Diameter of the Chest [Men] — et the nipples HRDLIČKA: Antero-Posterior Diameter of the Chest [Women] — forearms are flexed loosely at about right angles...arms...forward...ö5 degrees medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] — seat . . . adjusted . . . back against one wing of the board block placed at the nipple level

KOREA: Chest Ditth — at the level of the nipples

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the injection angles of the scapulae

NATO: Chest Depth — at the level of the nipples

NAVY RECRUITS: Chest Depth — at the level of the nipples

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter — at the level of the nipple

TUFTS: Chest Depth — at nipple level

USAF '50: Chest Depth - at the level of the nipples

USMC: Chest Depth — at the level of the nipples

USN: Chest Depth — at the level of the nipples

WAC: Chest Depth — left arm extended forward horizontally . . . high in the axilla

Indeterminable:

FRANCE '65: Diamètre antéro-postérieur de la poitrine-[Instrument unknown]

See Also:

Trunk Depth

ANTERO-POSTERIOR DIAMETER OF THE CHEST [MEN]

Reference: HRDLIČKA

The antero-posterior diameter of the plane of the thorax at the nipples in children and men †Subject, in an undergarment, stands in natural, easy, erect position. The forearms are flexed loosely at about right angles, and the arms are lifted somewhat forward and to about 65 degrees outward from the body... repeated measurements are taken until the medium between normal inspiration and expiration is ascertained, and this is recorded.†

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth — Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY '66: Chest Depth - arms . . . lowered

ARMY ARMORED: Chest Depth — Contact to sternum . . . fixed arm of anthropometer in spinal groove.

ARMY ARMORED: Chest Thickness — Greatest thickness from front to back ARMY QM: Chest Dcpth — sliding arm of the anthropometer... just above the nipples ... [anthropometer] † arms project downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — from mesosternale . . . Measured with pelvimeter

FAA: Chest Depth — [Arms are pendant]

FRANCE '65: Diamètre antéro-postérieur de la poitrine — [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid-Intermediate Stage]— upper limbs are pendant... at the level of the base of the ensiform [xiphoid] cartilaget tintermediate staget textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid - Mean]
— upper limbs are pendant . . . at the level of the base of the ensiform [xiphoid] cartilaget thean of the measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale - Intermediate Stage] — upper limbs are pendant† †at the level of the upper border of the fourth chondro-sternal articulation† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale -

Antero-Posterior Diameter of the Chest [Nen]—HRDLIČKA—(Continued)

Mean] — upper limbs are pendant; that the level of the upper border of the fourth cheudro-sternal articulation; the the sternal articulation; the angle of the upper border of the fourth cheudro-sternal articulation; the sternal articulation and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] — at the line of the fourth costo-sternal articulation

INDIA: Chest [Depth, Sitting] — seat ... adjusted ... back against one wing of the board block placed at the nipple level

KOREA: Chest Depth - arms lowered

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the inferior angles of the scapulae

NATO: Chest Depth - arms . . . lowered

NAVY RECRUITS: Chest Depth - arms . . . lowered

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter — arms at his

TUFTS: Chest Depth — Contact to sternum . . . fixed arm of anthropometer in spinal groove

USAF '50: Chest Depth — arms . . . lowered USMC: Chest Depth — arms . . . lowered

USN: Chest Depth — arms...lowered
WAC: Chest Depth — left arm extended forward horizontally...high in the

axilla

Indeterminable:

ARMY AVIATORS: Chest Depth — [position of subject's arms not specified]

See Also:

Trunk Depth

ANTERO-POSTERIOR DIAMETER OF THE CHEST [WOMEN]

Reference: HRDLIČKA

The antero-posterior diameter of the plane of the thorax...at the line of the fourth costo-sternal articulation....†Subject, in an undergarment, stands in natural, easy, erect position. The forearms are flexed loosely at about right angles, and the arms are lifted somewhat forward and to about 65 degrees outward from the body...repeated measurements are taken until the medium between normal inspiration and expiration is ascertained, and this is recorded.†

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth — at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove.

ARMY '66: Chest Depth — arms ... lowered ... at the level of the nipples

ARMY ARMORED: Chest Depth — at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back.

ARMY AVIATORS: Chest Depth — at nipple level . . . normal breathing

ARMY QM: Chest Depth — sliding arm of the anthropometer... just above the nipples... [anthropometer] †arms project downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — from mesosternale . . . calm breathing and relaxed arms. Measured with pelvimeter

FAA: Chest Depth — at the nipple line [Arms are pendant]

FRANCE '65: Diamètre antéro-postérieur de la poitrine — [Arms pendant]

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid - Intermediate Stage] — upper limbs are pendant... at the level of the base of the ensiform [xiphoid] cartilage† †intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid - Mean]
— upper limbs are pendant... at the level of the base of the ensiform
[xiphoid] cartilaget thean of measurements taken at extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Intermediate Stage] — upper limbs are pendant; †measurement...made in the intermediate stage; †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Mean] — upper limbs are pendant† †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] — at the nipples INDIA: Chest [Depth, Sitting] — seat...adjusted...back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth — arms . . . lowered . . . at the level of the nipples.

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the inferior angles of the scapulae

NATO: Chest Depth - arms . . . lowered

NAVY RECRUITS: Chest Depth -arms . . . lowered

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter -- arms at his sides

Antero-Posterior Diameter of the Chest [Women]-HRDLIČKA (Continued)

TUFTS: Chest Depth — at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove.

USAF '50: Chest Depth — arms... lowered... at the level of the nipples USMC: Chest Depth — arms... lowered... at the level of the nipples USN: Chest Depth — arms... lowered... at the level of the nipples

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla

Indeterminable:

None

ANTERO-POSTERIOR DIAMETER OF THE THORAX, NO. 1 [XIPHOID-INTERMEDIATE STAGE]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal.† †This measurement is . . . made in the horizontal plane at the level of base of ensiferm [xiphoid] cartilage.† †measurement . . . made in intermediate stage† †extremes of inspiration and of expiration†.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth — at nipple level

ARMY '66: Chest Depth — at the level of the nipples during normal breathing

ARMY ARMORED: Chest Depth - at nipple level

ARMY ARMORED: Chest Thickness — Greatest thickness from front to back

ARMY AVIATORS: Chest Depth - at nipple level . . . normal breathing

ARMY QM: Chest Depth — sliding arm of the anthropometer... just above the nipples . . . [anthropometer] † arms project downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — from mesosternale... calm breathing and relexed arms

FAA: Chest Depth — at the nipple line during normal breathing

Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid - Intermediate stage]—GENEVA (Continued)

- FRANCE '65: Diamètre antéro-postérieur de la poitrine [calm respiration . . . at the . . . fourth costal cartilage]
- GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiµhoid Mean]
 mean of measurements taken at extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale Intermediate Stage] at the level of the upper border of the fourth chondro-sternal articulation
- GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale Mean] at the level of the upper border of the fourth chondro-sternal articulation
- HRDLIČKA: Antero-Posterior Diameter of the Chest [Men] at the nipples tforearms flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees
- HRDLIČKA: Antero-Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation †forcarms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees
- INDIA: Chest [Depth, Sitting] seat . . . adjusted . . . back against one wing of the board† block placed at the nipple level
- KOREA: Chest Depth at the level of the nipples... during normal breathing MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae
- NATO: Chest Depth at the level of the nipples . . . during normal breathing NAVY RECRUITS: Chest Depth at the level of the nipples during normal breathing
- THOUSAND AVIATORS: Chest Anterior-Posterior Diameter at the level of the nipple during normal breathing
- TUFTS: Chest Depth at nipple level
- USAF '50: Chest Depth at the level of the nipples . . . during normal breathing
- USMC: Chest Depth at the level of the nipples during normal breathing
- USN: Chest Depth at the level of the nipples . . . during normal breathing
- WAC: Chest Depth left arm extended forward horizontally . . . high in the axilla

Indeterminable:

None

See Also:

Trunk Depth

ANTERO-POSTERIOR DIAMETER OF THE THORAX, NO. 1 [XIPHOID - MEAN]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal.† †This measurement is . . . made in the horizontal plane at level of base of ensiform [xiphoid] cartilage.† †Observer is to record the mean of measurements taken at extremes of inspiration and of expiration respectively;

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - at nipple level

ARMY '66: Chest Depth - at the level of the nipples during normal breathing

ARMY ARMORED: Chest Depth - at nipple level

ARMY ARMORED: Chest Thickness — Greatest thickness from front to back

ARMY AVIATORS: Chest Depth — at nipple level . . . normal breathing

ARMY QM: Chest Depth — just above the nipples . . . [anthropometer] †arms project downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — from mesosternale . . . calm breathing and relaxed arms

FAA: Chest Depth — at the nipple line during normal breathing

FRANCE '65: Diamètre antéro-postérieur de la poitrine — [calm respiration ... at the ... fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Intermediate Stage] — intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale-Intermediate Stage]— at the level of the upper border of the fourth chondrosternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Mean] — at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] — at the nipples tforearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of

Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid - Mean]—GENEVA (Continued)

the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

INDIA: Chest [Depth, Sitting] — sent . . . adjusted . . . back against one wing of the board block placed at the nipple level

KOREA: Chest Depth — at the level of the nipples... during normal breathing MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the inferior angles of the scapulae

NATO: Chest Depth — at the level of the nipples . . . during normal breathing NAVY RECRUITS: Chest Depth — at the level of the nipples during normal breathing

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter — at the level of the nipple during normal breathing

TUFTS: Chest Depth - at nipple level

USAF '50: Chest Depth — at the level of the nipples . . . during normal breathing

USMC: Chest Depth — at the level of the nipples during normal breathing USN: Chest Depth — at the level of the nipples . . . during normal breathing WAC: Chest Depth — left arm extended forward horizontally . . . nigh in the axilla

Indeterminable:

None

See Also:

Trunk Depth

ANTERO-POSTERIOR DIAMETER OF THE THORAX, NO. 2 [MESOSTERNALE - INTERMEDIATE STAGE]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal.† †This measurement is . . . made in the horizontal plane at the level of the upper border of the fourth chondro-sternal articulation† †in the intermediate stage† †extremes of inspiration and of expiration†.

No Data Available

Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale - Intermediate Stage]—GENEVA (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - at nipple level

ARMY '66: Chest Depth - at the level of the nipples during normal breathing

ARMY ARMORED: Chest Depth — at nipple level

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back

ARMY AVIATORS: Chest Depth — at nipple level . . . normal breathing

ARMY QM: Chest Depth — just above the nipples . . . [anthropometer] †arms project downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — calm breathing and relaxed arms. Measured with pelvimeter

FAA: Chest Depth — at the nipple line during normal breathing

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [calm respiration]

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Intermediate Stage] — at the level of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Mean]
— at the level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Mean] — mean of . . . extremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] — at the nipples forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] — forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

INDIA: Chest [Depth, Sitting] — seat...adjusted...back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth — at the level of the nipples...during normal breathing MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the inferior angles of the scapulae

NATO: Chest Depth — at the level of the nipples . . . during normal breathing NAVY RECRUITS: Chest Depth — at the level of the nipples during normal breathing

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter — at the level of the nipple during normal breathing

TUFTS: Chest Depth - at nipple level

USAF '50: Chest Depth — at the level of the nipples . . . during normal breathing

USMC: Chest Depth — at the level of the nipples during normal breathing USN: Chest Depth — at the level of the nipples . . . during normal breathing

Antero-Postcrior Diameter of the Thorax, no. 2 [Mesosternale - Intermediate Stage]—GENEVA (Continued)

WAC: Chest Depth — left arm extended forward horizontally . . . high in the axilla

Indeterminable:

None

See Also:

Trunk Depth

ANTERO-POSTERIOR DIAMETER OF THE THORAX, NO. 2 [MESOSTERNALE - MEAN]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal† †This measurement is . . . made in the horizontal plane at the level of the upper border of the fourth chondro-sternal articulation† †record the mean of the measurements taken at the extremes of inspiration and of expiration respectively.†

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth — at nipple level

ARMY '66: Chest Depth — at the level of the nipples during normal breathing

ARMY ARMORED: Chest Depth - at nipple level

ARMY ARMORED: Chest Thickness — Greatest thickness from front to back

ARMY AVIATORS: Chest Depth - at nipple level . . . normal breathing

ARMY QM: Chest Depth — just above the nipples . . . [anthropometer] † tarms project downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest — calm breathing and relaxed arms. Measured with pelvimeter

FAA: Chest Depth — at the nipple line during normal breathing

FRANCE '65: Diamètre antéro- postérieur de la poitrine — [calm respiration]

Antero-Posterior Diameter of the Thorax, no. 2 [Mesostrenale - Mean]—GENEVA (Continued)

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Intermediate Stage] — at the level of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 1 [Xiphoid — Mean]
— at level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, no. 2 [Mesosternale — Intermediate Stage] — measurement . . . made in the intermediate staget textremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] — at the nipples therearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] — forearms are flexed loosely at about right angles ... arms ... forward ... 65 degrees

INDIA: Chest [Depth, Sitting] — seat . . . adjusted . . . back against one wing of the board block placed at nipple level

KOREA: Chest Depth — at the level of the nipples... during normal breathing MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax — At the level of the inferior angles of the scapulae

NATO: Chest Depth — at the level of the nipples . . . during normal breathing NAVY RECRUITS: Chest Depth — at the level of the nipples during normal breathing

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter — the level of the nipple during normal breathing

TUFTS: Chest Depth - at nipple level

USAF '50: Chest Depth — at the level of the nipples ... during nor all breathing USMC: Chest Depth — at the level of the nipples during normal breathing USN: Chest Depth — at the level of the nipples ... during normal breathing WAC: Chest Depth — left arm extended forward horizontally ... high in the axilla

Indeterminable:

None

See Also:

Trunk Depth

ARM [LENGTH]

Reference: INDIA

†The height of the seat $[13\frac{1}{2}$ in - 34.3 cm] is first adjusted by adding to or reducing the number of pieces of wooden blocks $[\frac{1}{2}$ in - 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with

Traffic de la restantin de la

Arm [Length]—INDIA (Continued)

the back against one wing of the board and his right side touching the other wingt hand completely stretched at right angle to the body and pressed against the board, palm open facing inward. Block placed against the tip of the middle finger.

N: 691

 \overline{X} : 82.23 cm; 32.37 in SD: 3.50 cm: 1.38 in

V%: [4.26]

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall KOREA: Arm Reach From Wall RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach USAF '50: Arm Reach From Wall WASP: Anterior Arm Reach

Not Equivalent:

ARMY QM: Arm Length — arms at the sides and fingers extended

FAA: Maximum Reach From Wall — thrusting his right shoulder as far for-

ward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as

THAI · Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall -- right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward - Subject sitting erect on table or bench [not against a plane]

WASP: Arm Length - arm hangs at the side of the body

Indeterminable:

None

See Also:

Functional Reach

ARM LENGTH

Reference: ARMY QM

Subject stands ferect, with heels together and eyes straight aheadf with arms at the sides and fingers extended. With anthropometer held parallel to the longitudinal axis of the arm, measurement is taken from right acromiale the most lateral point on the superior surface of the acromion processf to dactylion the tip of the middle fingerf with firm contact.

N: 24,449

 \overline{X} : 77.42 cm; 30.48 in SD: 3.53 cm; 1.39 in

V%: [4.5]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

COMAS: Total Upper Extremity Length — acromiale †most distal point, palpable from above† to dactylion

INDIA: Arm [Length] — hand [and arm] completely stretched at right angle to the body

MARTIN: Armlaenge ohne Hand — [acromion ton the lateral edget to stylion]

MARTIN: Ganze Armlaenge rechts — [acromion ton the lateral edget to dactylion]

MONTAGU: Total Arm Length — acromion †most lateral projection of lateral lorder† to stylion

MONTAGU: Total Upper Extremity Length — acromion †most lateral projection of lateral border† to dactylion

RAF-RCAF: Arm Length — arms extended horizontally

WASP: Arm Length — top of clavicle to the tip of the middle finger

WOMEN: Total Posterior Arm Length — right fist was placed on her hip . . . tape was passed over the olecranon

Indeterminable:

In the following, acromion is not defined.

BULGARIA: Length of the Arm

FRANCE '65: Longueur acromio-dactylion

ARM LENGTH

Reference: RAF-RCAF

Subject sits on a stool with thighs horizontal, and both shoulders firmly against the back board. With arm extended horizontally the right arm is pressed against the wing board with fingers extended and palms facing inwards, and the distance from the back board to the tip of the right middle finger measured with the measuring block.

DCAR

	KAF	KCAF
N:	4357	314
$\overline{\mathbf{X}}$:	85.34 cm; 33.60 in	84.91 cm; 33.43 in
SD:	4.14 cm; 1.63 in	4.06 cm; 1.60 in
V%:	[4.9]	[4.8]

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall TUFTS: Anterior Arm Reach USAF '50: Arm Reach From Wall WASP: Anterior Arm Reach

DAE

Not Equivalent:

ARMY QM: Arm Length - arms at the sides and fingers extended

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur — [not against a plane] KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Arm Length-RAF-RCAF (Continued)

Indeterminable:

None

See Also:

Functional Reach

ARM LENGTH

Reference: WASP

Length of arm from top of clavicle to the tip of the middle finger as the arm hangs at the side of the body.

Wo	men Pilots	Flying Nurses
N: 445		152
\overline{X} : 72.66	cm; 28.6 in	71.72 cm; 28.2 in
SD: NDA		NDA
V%: NDA		NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY QM: Arm Length — acromiale †most lateral point on the superior surface† to dactylion

BULGARIA: Length of the Arm — from the acronion

COMAS: Total Upper Extremity Length — acromiale †most distal point, palpable from above† to dactylion

FRANCE '65: Longueur acromio-dactylion — [from the acromion]

INDIA: Arm [Length] — hand [and arm] completely stretched at right angle to the body

MARTIN: Armlaenge rechts ohne Hand — [acromion ton the lateral edget to stylion]

MARTIN: Ganze Armlaenge rechts — [acromion ton the lateral edget to dactylion]

MONTAGU: Total Arm Length — acromion †most lateral projection to lateral border† to stylion

Arm Length-WASP (Continued)

MONTAGU: Total Upper Extremity Length — acromion †most lateral projection of lateral border† to dactylion

RAF-RCAF: Arm Length - arms extended horizontally

WOMEN: Total Posterior Arm Length — right fist was placed on her hip... tape was passed over the olecranon

Indeterminable:

None

ARM LENGTH, SHOULDER TO SCYE

Reference: WOMEN

Tape... The subject stood erect, arms hanging at her sides... The zero point of the tape was placed at the shoulder point †midway between the acromion and the highest point at the lateral end of the clavicle† and the tape extended to the armscye level, the reading being taken at the intersection of the armscye level and the bisecting line of the upper arm †The width of the upper arm was bisected, by sighting [from the side]†.

N: 10042

 \overline{X} : 13.92 cm; 5.48 in SD: 1.73 cm; 0.68 in

5D: 1.75 cm, 0.

V%: 12.4

Similar Dimensions:

None

ARM REACH, FORWARD

Reference: ARMY AVIATORS

The distance from the wall to the end of the middle finger, taken while the subject is sitting, with his shoulders against the wall and with his right arm and hand extended horizontally in front of him.

N: 500

 \overline{X} : 91.47 cm; 36.01 in

SD: 3.72 cm; 1.47 in

V%: [4.06]

Arm Reach, Forward—ARMY AVIATORS (Continued)

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length
TUFTS: Anterior Arm Reach

USAF '50: Arm Reach From Wall

WASP: Anterior Arm Reach

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur [not against a plane]

KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ARM REACH, FORWARD

Reference: THAI

†Subject sitting erect on table or bench.† With right arm and hand extended horizontally in front of subject, measured as distance from back of shoulder (greatest bulge of trapezius) to tip of middle finger (dactylion).

Arm Reach Forward—THAI (Continued)

N: 2950

 \overline{X} : 81.7 cm; 32.2 in

SD: 4.3 cm; 1.7 in

V%: 5.3

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur utile du membre supérieur

VIETNAM: Arm Reach Forward

Not Equivalent:

AAF: Anterior Arm Reach - [standing] against wall

ARMY ARMORED: Anterior Arm Reach - [standing] against wall

ARMY AVIATORS: Arm Reach, Forward — sitting . . . shoulders against the wall

FAA: Arm Reach From Wall — subject stands . . . shoulders firmly against the wall

FAA: Maximum Reach From Wall - subject stands . . . back to the wall

INDIA: Arm [Length] - back against . . . board

KOREA: Arm Reach From Wall—shoulders pressed against the rear wall

KOREA: Maximum Reach From Wall — back pressed against the rear wall

RAF-RCAF: Arm Length — both shoulders firmly against the back board

TUFTS: Anterior Arm Reach — [shoulder] contacts maintained

USAF '50: Arm Reach From Wall - shoulders pressed against the rear wall

USAF '50: Maximum Reach From Wall — back pressed against the rear wall WASP: Anterior Arm Reach — [standing] . . . against wall

Indeterminable:

None

See Also:

Functional Reach

ARM REACH FORWARD

Reference: VIETNAM

†Subject sitting erect on table or bench.† With right arm and hand extended horizontally in front of subject, measured as distance from back of shoulder (greatest bulge of trapezius) to tip of middle finger (dactylion).

Arm Reach Forward-VIETNAM (Continued)

N: 2125

 \overline{X} : 81.3 cm; 32.01 in

SD: 3.4 cm; 1.3 in

V%: 4.2

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur utile du membre supérieur

THAI: Arm Reach Forward

Not Equivalent:

AAF: Anterior Arm Reach - [standing] against wall

ARMY ARMORED: Anterior Arm Reach - [standing] against wall

ARMY AVIATORS: Arm Reach, Forward — sitting . . . shoulders against the wall

FAA: Arm Reach From Wall — subject stands . . . shoulders firmly against the wall

FAA: Maximum Reach From Wall - subject stands . . . back to the wall

INDIA: Arm [Length] — back against . . . board

KOREA: Arm Reach From Wall -shoulders pressed against the rear wall

KOREA: Maximum Reach From Wall — back pressed against the rear wall

RAF-RCAF: Arm Length — both shoulders firmly against the back board

TUFTS: Anterior Arm Reach - [shoulder] contacts maintained

USAF '50: Arm Reach From Wall — shoulders pressed against the rear wall USAF '50: Maximum Reach From Wall — back pressed against the rear wall

WASP: Anterior Arm Reach — [standing] . . . against wall

Indeterminable:

None

See Also:

Functional Reach

ARM REACH FROM WALL

Peference: FAA

The subject stands erect with shoulders firmly against the wall and extends his left arm horizontally, with fingers extended. The distance between the tip of the third finger and the wall is measured.

Arm Reach From Wall-FAA (Continued)

N: 681

 \overline{X} : 82.80 cm; 32.60 in SD: 4.07 cm; 1.60 in

V%: 4.91

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

INDIA: Arm [Length]

KOREA: Arm Reach From Well RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach USAF '50: Arm Reach From Wall WASP: Anterior Arm Reach

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur [not against a plane]
KOREA: Maximum Reach From Wall — right shoulder thrust as far forward
as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ARM REACH FROM WALL

Reference: KOREA

Subject stands erect in a corner of the room, his shoulders pressed against the rear

Arm Reach From Wall-KOREA (Continued)

wall, his right arm and hand extended horizontally along the side wall. Using the scale on the side wall, measure the distance from the rear wall to the tip of the longest finger.

N: 264

 \overline{X} : 77.36 cm; 30.45 in

SD: 3.85 cm; 1.52 in

V%: 4.98

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]
RAF-RCAF: Arm Length

TUFTS: Anterior Arm Reach

USAF '50: Arm Reach From Wall

WASP: Anterior Arm Reach

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANCE '65: Longueur utile du membre supérieur [not against a plane]

KOREA: Maximum Reach From Wall — right shoulder thrust as far forward as possible

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ARM REACH FROM WALL

Reference: USAF '50

Subject stands erect in a corner of the room, his shoulders pressed against the rear wall, his right arm and hand extended horizontally along the side wall. Using the scale on the side wall, measure the distance from the rear wall to the tip of the longest finger.

N: 4062

 \overline{X} : 87.86 cm; 34.59 in SD: 4.18 cm; 1.67 in

V%: 4.76

Similar Dimensions:

Equivalent:

AAF: Anterior Arm Reach

ARMY ARMORED: Anterior Arm Reach ARMY AVIATORS: Arm Reach, Forward

FAA: Arm Reach From Wall

INDIA: Arm [Length]

KOREA: Arm Reach From Wall

RAF-RCAF: Arm Length TUFTS: Anterior Arm Reach WASP: Anterior Arm Reach

Not Equivalent:

FAA: Maximum Reach From Wall — thrusting his right shoulder as far forward as possible

FRANC)? '65: Longueur utile du membre supérieur [not against a plane]

KOREA: Maximum Reach From Wall - right shoulder thrust as far forward

THAI: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

USAF '50: Maximum Reach From Wall — right shoulder thrust as far forward as possible

VIETNAM: Arm Reach Forward — Subject sitting erect on table or bench [not against a plane]

Indeterminable:

None

See Also:

Functional Reach

ARM REACH UPWARD

Reference: ARMY AVIATORS

The vertical distance from the seat surface to the end of the middle finger, taken while the subject is sitting, with his right arm and hand extended above his head.

N: 500

 \overline{X} : 137.29 cm; 54.05 in SD: 5.21 cm; 2.05 in

V%: [3.7]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension does not specify sitting posture.

ARMY '66: Vertical Arm Reach, Sitting FAA: Vertical Arm Reach, Sitting

NAVY RECKUITS: Vertical Arm Reach, Sitting

THAI: Arm Reach Upward

USMC: Vertical Arm Reach, Sitting VIETNAM: Arm Reach Upward

ARM REACH UPWARD

Reference: THAI

†Subject sitting erect on table or bencht. With right arm and hand extended vertically above shoulder, measured as distance from table surface to tip of middle finger (dactylion).

N: 2950

 \overline{X} : 131.2 cm; 51.7 in

SD: 4.7 cm; 1.9 in

V%: 3.6

Similar Dimensions:

Equivalent:

ARMY '66: Vertical Arm Reach, Sittin,'

Arm Reach Upward—THAI (Continued)

FAA: Vertical Arm Reach, Sitting

NAVY RECRUITS: Vertical Arm Reach, Sitting

USMC: Vertical Arm Reach, Sitting VIETNAM: Arm Reach Upward

Not Equivalent:

None

Indeterminable:

ARMY AVIATORS: Arm Reach, Upward-[Sitting posture not specified]

ARM REACH UPWARD

Reference: VIETNAM

†Subject sitting erect on table or bench! With right arm and hand extended vertically above shoulder, measured as distance from table surface to tip of middle finger (dactylion).

N: 2129

X: 129.8 cm; 51.1 in

SD: 4.8 cm; 1.9 in

V%: 3.7

Similar Dimensions:

Equivalent:

ARMY '66: Vertical Arm Reach, Sitting

FAA: Vertical Arm Reach, Sitting

NAVY RECRUITS: Vertical Arm Reach, Sitting

THAI: Arm Reach Upward

USMC: Vertical Arm Reach, Sitting

Not Equivalent:

None

Indeterminable:

ARMY AVIATORS: Arm Reach, Upward-[Sitting posture not specified]

ARM SCYE [CIRCUMFERENCE]

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† The arm is held horizontally while the tape is passed through the axilla. After the arm is lowered, the tape is brought up over the acromion process, with the outside edge of the tape crossing acromiale †the most lateral point on the superior surface of the acromion process †.

N: 24383

X: 43.40 cm; 17.09 in

SD: 2.98 cm; 1.17 in V%: [6.9]

Similar Dimensions:

Equivalent:

ARMY '66: Arm Scye Circumference

JAPAN: Scye Circumference KOREA: Scye Circumference NATO: Scye Circumference

NAVY RECRUITS: Arm Scye Circumference

USAF '50: Style Circumference USMC: Arm Style Circumference

USN: Scye Circumference

WAC: Arm Scye [Circumference]

Not Equivalent:

WAF RECRUITS: Arm Scye [Circumference]—vertically over the shoulder WOMEN: Armscyc Girth—midway between acromion and the highest point at the lateral end of the clavicle

Indeterminable:

None

See Also:

Axillary Arm Circumference

ARM SCYE [CIRCUMFERENCE]

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon but with feet

Arm Scye [Circumference] -WAC (Continued)

slightly apart.† The arm was raised high enough to permit passage of tape and then lowered for measurement. Measurement taken as circumference from acromiale †the most lateral point on the superior surface of the acromial process† through the axilla and back to acromiale. Left side only.

N: 8523

 \overline{X} : 38.06 cm; 14.98 in SD: 3.22 cm; 1.27 in

V%: [8.5]

Similar Dimensions:

Equivalent:

ARMY '66: Arm Scye Circumference ARMY QM: Arm Scye [Circumference]

JAPAN: Scyc Circumference KOREA: Scyc Circumference NATO: Scyc Circumference

NAVY RECRUITS: Arm Scye Circumference

USAF '50: Scyc Circumference USMC: Arm Scyc Circumference USN: Scyc Circumference

Not Equivalent:

WAF RECRUITS: Arm Scye [Circumference]—vertically over the shoulder WOMEN: Armscye Girth—midway between acromion and the highest point at the lateral end of the clavicle

Indeterminable:

None

See Also:

Axillary Arm Circumference

ARM SCYE [CIRCUMFERENCE]

Reference: WAF RECRUITS

Subject stands. Place the tape through the armpit of the right arm and, with the arm lowered, measure the circumference vertically over the shoulder.

Arm Scye [Circumference] -WAC RECRUITS (Continued)

N: 851

 \overline{X} : 36.65 cm; 14.43 in SD: 3.03 cm; 1.19 in

V%: 8.26

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Arm Scyc Circumference—over the outer point (acromion) ARMY QM: Arm Scyc [Circumference]—over the acromion process

JAPAN: Scye Circumference—passing over acromion KOREA: Scye Circumference—passing over acromion NATO: Scye Circumference—passing over the acromion

NAVY RECRUITS: Arm Scye Circumference—over the outer point (acromion)

USAF '50: Scyc Circumference—passing over acromion

USMC: Arm Scye Circumference—passing over the outer point (acromion)

USN: Scye Circumference—passing over the acromion WAC: Arm Scyc [Circumference]—from acromiale

WOMEN: Armscye Girth-midway between acromion and the highest point at

the lateral end of the clavicle

Indeterminable:

None

ARM SCYE CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with his right arm initially raised and then lowered after the tape is in place. The vertical circumference of the scye (sleeve armhole area) is measured. A steel tape is used, with the tape passing under the right armpit and over the outer point (acromion) of the right shoulder.

N: 6682

 \overline{X} : 44.55 cm; 17.54 in SD: 3.25 cm; 1.28 in

SD: 5.20 Cm, 1

V%: 7.32

Arm Scyc Circumference—ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Arm Scye [Circumference]

JAPAN: Scye Circumference KOREA: Scye Circumference NATO: Scye Circumference

NAVY RECRUITS: Arm Scye Circumference

USAF '50: Scye Circumference USMC: Arm Scye Circumference USN: Scye Circumference WAC: Arm Scye [Circumference]

Not Equivalent:

WAF RECRUITS: Arm Scye [Circumference]—vertically over the shoulder WOMEN: Armscye Girth—midway between acromion and the highest point at the lateral end of the clavicle

Indeterminable:

None

See Also:

Axillary Arm Circumference

ARM SCYE CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject stands erect, with his right arm initially raised and then lowered after the tape is in place. The vertical circumference of the scye (sleeve armhole area) is measured. A steel tape is used, with the tape passing under the right armpit and over the outer point (acromion) of the right shoulder.

N: 4094

 \overline{X} : 43.25 cm; 17.03 in SD: 3.20 cm; 1.26 in

V%: 7.40

Arm Scye Circumference—NAVY RECRUITS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Arm Scye Circumference ARMY QM: Arm Scye [Circumference]

JAPAN: Scye Circumference KOREA: Scye Circumference NATO: Scye Circumference USAF '50: Scye Circumference USMC: Arm Scye Circumference

USN: Scyc Circumference
WAC: Arm Scyc [Circumference]

Not Equivalent:

WAF RECRUITS: Arm Scye [Circumference]—vertically over the shoulder WOMEN: Armscye Girth—midway between acromion and the highest point at the lateral end of the clavicle

Indeterminable:

None

See Also:

Axillary Arm Circumference

ARM SCYE CIRCUMFERENCE

Reference: USMC

Subject stands erect, with his right arm initially raised and then lowered after the tape is in place. The vertical circumference of the scye (sleeve armhole area) is measured. A steel tape is used, with the tape passing under the right armpit and over the outer point (acromion) of the right shoulder.

N: 2008

 \overline{X} : 44.67 cm; 17.59 in SD: 2.94 cm; 1.16 in

V%: 6.58

Arm Scye Circumference—USMC (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Arm Scye Circumference ARMY QM: Arm Scye [Circumference]

JAPAN: Scye Circumference KOREA: Scye Circumference NATO: Scye Circumference

NAVY RECRUITS: Arm Scye Circumference

USAF '50: Scye Circumference USN: Scyc Circumference

WAC: Arm Scye [Circumference]

Not Equivalent:

WAF RECRUITS: Arm Scye [Circumference]—vertically over the shoulder WOMEN: Armscye Girth—midway between acromion and the highest point at the lateral end of the clavicle

Indeterminable:

None

See Also:

Axillary Arm Circumference

ARM SPAN

Reference: FAA

Horizontal distance between tips of longest fingers of right and left hands, with arms extended laterally.

N: 677

 \overline{X} : 181.16 cm; 71.33 in SD: 7.60 cm; 2.99 in

V%: 4.19

Similar Dimensions:

Equivalent:

AAF: Total Span

Arm Span-FAA (Continued)

ARMY ARMORED: Total Span FRANCE '65: Grande envergure

GENEVA: Span

HRDLIČKA: Finger Reach INDIA: Maximum Span

KOREA: Span

MARTIN: Spannweite der Arme

MONTAGU: Span NGRWAY: Arm Span TUFTS: Total Span USAF'50: Span

Not Equivalent:

None

Indeterminable:

None

See Also:

Span Akimbo

ARM SPAN

Reference: NORWAY

Arm span is to be measured against a wall. A piece of millimetre paper, 40 cm in breadth, is fastened on the wall, in such a position that it forms a tape measure on the wall with "zero" in the corner at the cross-wall. The centimetres are marked off by vertical lines in the interval between 175 cm and 210 cm. The recruit stands with his back against the wall, arms outstretched, the palm of the hand forward. The middle finger should just touch the cross-wall. The arm span can then be read directly on the millimetre paper to the nearest whole centimetre.

N: 5765

 \overline{X} : 179.35 cm; 70.61 in SD: 7.18 cm; 2.83 in

V%: 4.00

Arm Span-NORWAY (Continued)

Similar Dimensions:

Equivalent:

AAF: Total Span

ARMY ARMORED: Total Span

FAA: Arm Span

FRANCE '65: Grande envergure

GENEVA: Span

HRDLIČKA: Finger Reach INDIA: Maximum Span

KOREA: Span

MARTIN: Spannweite der Arme

MONTAGU: Span TUFTS: Total Span USAF'50: Span

Not Equivalent:

None

Indeterminable:

None

See Aiso:

Span Akimbo

ARMLAENGE RECHTS OHNE HAND [ARM LENGTH, RIGHT, EXCLUDING HAND]

Reference: MARTIN

Geradlinige Entfernung des Akromion †derjenige Punkt des Seitenrandes des Processus acromialis des Schulterblattes, der bei aufrechter Koerperhaltung und haengendem Arm am meisten seitlich gelegen ist† vom Stylion †der jenige Punkt des Processus styloidens, der bei haengendem Arm am meisten nach unten gerichtet ist†. Stangenzirkel.

[Straight line distance from acromion †that point on the lateral edge of the acromial process of the scapula which is located most laterally if the posture is erect and the

Armlaenge Rechts Ohne Hand [Arm Length, Right, Excluding Hand] - MART'N (Continued)

arm is hanging to stylion that point on the radial styloid which is most inferior with the arm hanging to Beam Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

MONTAGU: Total Arm Length

Not Equivalent:

ARMY QM: Arm Length—acromiale †most lateral point on the superior surface† to dactylion

BULGARIA: Length of the Arm-to the tip of the middle finger

COMAS: Total Upper Extremity Length—acromiale †most distal point, palpable from above† to dactylion

FRANCE '65: Longueur acromio-dactylion—[to the lower end of the middle finger]

MARTIN: Ganze Armlaenge Rechts-[acromion ton the lateral edget to dactylion]

MONTAGU: Total Upper Extremity Length—acromion †most lateral projection of lateral border† to dactylion

WASP: Arm Length-top of clavicle to the tip of the middle finger

WOMEN: Total Posterior Arm Length—right fist was placed on her hip . . . tape was passed over the olecranon

Indeterminable:

None

ARMSCYE GIRTH

Reference: WOMEN

Tape.... The subject's position was her normal posture with feet together and arms relaxed at her sides... The subject's right arm was raised sufficiently to permit the measurer to place the tape under it with the thin edge of the tape passed through the underarm midpoint *tplaced with reference to the natural folds in the armpit and the total width of the shoulder. The level of the midpoint was set with respect to the more clearly defined folds... A short, thin line on the trunk marked the underarm scye level. A vertical line indicating half of the total width of the shoulder was drawn through this to give the underarm midpoint of the trunkt and the zero point falling just below the armscye at the back. The case end of the tape was brought up over the shoulder and the case allowed to drop down over

Armsyce Girth -W JMEN (Continued)

the back, thus providing the tension for this measurement. The anterior folds at the axillary fossa of the arm were eased under the tape. The lateral margin of the tape was fitted to the armscye, anterior and posterior, as well as to the armscyeshoulder line intersection †the shoulder point used was midway between the acromion and the highest point at the lateral end of the clavicle... intersecting with the sighted center of the shoulder. The loop of the tape was raised without unduly binding the posterior folds at the axillary fossa. The zero point of the tape was placed laterally with respect to the case end of the tape and the measurement was read.

N: 10042

X: 40.89 cm; 16.10 in

SD: 3.94 cm; 1.55 in

V%: 9.6

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Arm Scye Circumference—over the outer point (acromion)

ARMY QM: Arm Scye—over the acromion process JAPAN: Scye Circumference—passing over acromion KOREA: Scye Circumference—passing over acromion NATO: Scye Circumference—passing over the acromion

NAVY RECRUITS: Arm Scye Circumference-over the outer point (acro-

mion)

USAF '50: Scye Circumference—passing over acromion

USMC: Arm Scye Circumference—over the outer point (acromion)

USN: Scye Circumference-passing over the acromion

WAC: Arm Scye-from acromiale

WAF RECRUITS: Arm Scye-vertically over the shoulder

Indeterminable:

None

AUDITORY CANAL [HEIGHT]

Reference. GENEVA

†The subject stands erect on a horizontal and resisting plane surface... No support is to be given by a vertical plane: the upper limbs are pendant; ... anatom-

Auditory Canal [Height]—GENEVA (Continued)

ical landmark (point de repère): the bottom of the notch between the tragus and the helix. †the height of the "anatomical landmark" above the ground is to be determined.

No Data Available

Similar Dimensions:

Equivalent:

FAA: Tragion Height KOREA: Tragion Height USAF '50: Tragion Height USN: Tragion Height

While the reference dimension description does not specify head position adequately, it is assumed that this dimension is virtually unaffected by small variance in head position because of the relationship of tragion and the center of fore and aft rotation.

Not Equivalent:

None

Indeterminable:

None

See Also:

Tragion-to-Vertex Tragion-to-Wall

AXILLA HEIGHT

Reference: WAF RECRUITS

Subject stands with her arms raised slightly. The cross bar of the anthropometer is raised until it comes just under the right armpit. The subject then lowers her arms. Care is taken that both shoulders are level before reading the anthropometer.

N: 851

 \overline{X} : 123.81 cm; 48.74 in

SD: 5.65 cm; 2.22 in

V%: 4.56

Similar Dimensions:

None

Axillary Arm Circumference-JAPAN (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Axillary Arm Circumference KOREA: Axillary Arm Circumference USAF '50: Axillary Arm Circumference

USN: Axillary Arm Circumference

WAF RECRUITS: Axillary Arm Circumference

WOMEN: Upper-Arm Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Arm Scye Circumference, Biceps Circumference, Relaxed

AXILLARY ARM CIRCUMFERENCE

Reference: KOREA

Subject stands, his right arm initially raised and then lowered after the tape is in place. Holding the tape in a horizontal plane and as high as possible in the armpit, measure the circumference of the upper arm.

N: 264

X: 29.69 cm; 11.69 in SD: 2.48 cm; 0.98 in

V%: 8.37

Similar Dimensions:

Equivalent:

ARMY QM: Axillary Arm Circumference JAPAN: Axillary Arm Circumference USAF '50: Axillary Arm Circumference USN: Axillary Arm Circumference

Axillary Arm Circumference-KOREA (Continued)

WAF RECRUITS: Axillary Arm Circumference

WOMEN: Upper-Arm Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

3/

X

Arm Scye Circumference Biceps Circumference, Relaxed

AXILLARY ARM CIRCUMFERENCE

Reference: USAF '50

Subject stands, his right arm initially raised and then lowered after the tape is in place. Holding the tape in a horizontal plane and as high as possible in the armpit, measure the circumference of the upper arm.

N: 4060

 \overline{X} : 31.85 cm; 12.54 in SD: 2.79 cm; 1.10 in

V%: 8.76

Similar Dimensions:

Equivalent:

ARMY QM: Axillary Arm Circumference JAPAN: Axillary Arm Circumference KOREA: Axillary Arm Circumference USN: Axillary Arm Circumference

WAF RECRUITS: Axillary Arm Circumference

WOMEN: Upper-Arm Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Arm Scye Circumference Biceps Circumference, Relaxed

AXILLARY ARM CIRCUMFERENCE

Reference: USN

Subject stands, his right arm initially raised and then lowered after the tape is in place. Holding the tape in a horizontal plane and as high as possible in the armpit, measure the circumference of the upper arm.

N: 1549

 \overline{X} : 33.02 cm; 13.00 in SD: 2.48 cm; 0.98 in

V%: 7.51

Similar Dimensions:

Equivalent:

ARMY QM: Axillary Arm Circumference JAPAN: Axillary Arm Circumference KOREA: Axillary Arm Circumference USAF '50: Axillary Arm Circumference

WAF RECRUITS: Axillary Arm Circumference

WOMEN: Upper-Arm Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Arm Scye Circumference Biceps Circumference, Relaxed

AXILLARY ARM CIRCUMFERENCE

Reference: WAF RECRUITS

Subject stands. Place the tape as high as possible in the armpit of the right arm and, with the arm at the subject's side, measure the circumference in a horizontal plane.

N: 850

 \overline{X} : 27.90 cm; 10.99 in

Axillary Arm Circumference-WAF RECRUITS (Continued)

SD: 2.40 cm; 0.95 in

V%: 8.61

Similar Dimensions:

Equivalent:

ARMY QM: Axillary Arm Circumference JAPAN: Axillary Arm Circumference KOREA: Axillary Arm Circumference USAF '50: Axillary Arm Circumference USN: Axillary Arm Circumference WOMEN: Upper-Arm Girth

Not Equivalent:

None

Indeterminable:

None

See Aiso:

Arm Scye Circumference Biceps Circumference, Relaxed

AXILLARY CHEST GIRTH

Reference: MONTAGU

(Tape). The tape applied well up in the axillary fossae. Mean reading of measurements during normal inspiration and expiration.

No Data Available

Similar Dimensions:

Equivalent:

AUSTRALIA: Chest [Circumference]—[When reference dimension is measured on men.]

COMAS: Chest Circumference [Axillary, Calm Respiration]—[When measured on same sex as that of the reference dimension.]

Axiiiary Chest Girth-MONTAGU (Continued)

Not Equivalent:

- AAF: Chest Circumference—just above nipples
- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- ARMY ARMORED: Chest Circumference—just above nipples
- ARMY AVIATORS: Chest Circumference—at nipple level
- ARMY QM: Chest Circumference—tape on the areolae above the nipples
- AUSTRALIA: Chest [Circumference]—[When reference dimension is measured on women.]
- BELGIUM: Perimetre thoracique [Expiration]—[at the . . . nipples . . . exhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men].-just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled just under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front
- BULGARIA: Chest Circumference upon Inhaling [Weinen]--maximum amount of air inhaled... the tape passes immediately below the hour glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—[When measured on opposite sex as that of reference dimension.]
- COMAS: Chest Circumference [Axillary, Full Exhalation]—at full exhalation
- COMAS: Chest Circumfevence [Axillary, Full Inhalation]-at full inhalation
- COMAS: Chest Circumfevence [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation

Axillary Chest Girth-MONTAGU (Continued)

- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Fill Inhalation, Men]—at the nipples... maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage... at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoraeique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée-[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien inspiration forcée [forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of ensiform cartilage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of ensiform cartilage . . . mean of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[maximum expiration]
- MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen [When measured on opposite sex as that of reference dimension.]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum . . . expiration]

Axillary Chest Girth-MONTAGU (Continued)

MARTIN-SALLER: Umfany der Brust bei Inspiration — [under bottom edge of the scapulae . . . over the arcola . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . over the areola]

MONTAGU: Mcsosternale Chest Girth—[When measured on opposite sex as that of reference dimension.]

NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing

THAI: Chest Circumference—[at level of nipples]

THOUSAND AVIATORS: Chest Circumference Expiration — at fourth intercoscostal space . . . at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration — at fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at fourth intercostal space

TUFTS: Chest Circumference—just above nipples

USAF '50: Chest Circumference—nipples . . . maximum . . . during normal breathing

USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing

USN: Chest Circumference-nipples . . . maximum . . . during normal breathing

VIETNAM: Chest Circumference-nipples

WAC: Breast Circumference-passing over both nipples. [Bra]

WAC: Chest Circumference-horizontally just below the breasts [Bra]

WAF RECRUITS: Bust Circumference—at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across front above fullness of the breasts . . . [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below fullness of the breasts . . . [Bra]

WASP: Chest Circumference—maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth-maximum girth ... [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armscye—[Subject wore a snug bandeaux.]

Indeterminable:

Passage of tape across subject's chest is not described in the reference dimension.

MARTIN: Umfang der Brust bei ruhigem Atmen—[When measured on same sex as that of reference dimension.]

MONTAGU: Mesosternale Chest Girth—[When measured on same sex as that of reference dimension.]

BACK HEIGHT

Reference: HOOTON

[In special chair.] The back height was . . . measured by pulling up the back-height rod and placing the crutch-like end of its transverse arm (at right angles to the rod and extending forward towards the back of the subject's head) at the point of junction between the head and neck. This point, roughly called the "nape of the neck," is actually the region of the first and second cervical vertebrae, and is easily located in most people, even in women wearing long hair. During this measurement the subject was, if necessary, asked to sit erect.

	Males	Females	Total Series
N:	1959	1908	3867
Median:	72.6 cm; 28.6 in	67.8 cm; 26.7 in	70.1 cm; 27.6 in
SD:	NDA	NDA	NDA
V%:	NDA	NDA	NDA

Similar Dimensions:

Equivalent:

TUFTS: Back Height

Not Equivalent:

None

Indeterminable:

None

See Also:

Sitting Height: WOMEN

BACK HEIGHT

Reference: TUFTS

In the Seating Survey, a comparable measure called "back height" was used. The clothed subject was seated erect in special chair; the back height rod was adjusted so that transverse bar rested against back of neck between first and second vertebrae and the distance from seat of chair measured.

No Data Available

Back Height-TUFTS (Continued)

Similar Dimensions:

Equivalent:

HOOTEN: Back Height

Not Equivalent:

None

Indeterminable:

None

See Also:

Sitting Height: WOMEN

BACK WAIST LENGTH

Reference: ARMY AVIATORS

The distance, along the surface of the back, from the largest bony bump (cervicale) at the base of the back of the neck to the point where the waist level crosses the spine.

 $\frac{N}{X}$: 500 $\frac{18.17}{1}$ in

SD: 2.97 cm; 1.17 in

V%: [6.4]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension description does not define waist level.

Back Waist Length-ARMY AVIATORS (Continued)

ARMY' 66: Waist Back Length AUSTRALIA: Natural Waist Length

JAPAN: Waist Back KOREA: Waist Back

NATO: Waist Back-Omphalion

NAVY RECRUITS: Waist Back Length

THAI: Back Waist Length
USAF '50: Waist Back
USMC: Waist Back Length
VIETNAM: Back Waist Length
WAC: Back Waist Length
WAF RECRUITS: Waist Back
WOMEN: Posterior Waist Length

BACK WAIST LENGTH

Reference: THAI

Measured as distance along surface of back from base of neck (cervicale) to level of waist (level of iliac crests).

N: 2950

 \overline{X} : 43.2 cm; 17.0 in

SD: 2.8 cm; 1.1 in

V%: 6.5

Similar Dimensions:

Equivalent:

ARMY '66: Waist Back Length

NAVY RECRUITS: Waist Back Length

USMC: Waist Back Length VIETNAM: Back Waist Length

Not Equivalent:

AUSTRALIA: Natural Waist Length—from the nape of the neck to . . . waist

in line with the greatest suppression.

JAPAN: Waist Back—to . . . waist †level of the greatest lateral indentation KOREA: Waist Back—to . . . waist †level of the greatest lateral indentation NATO: Waist Back-Omphalion—to the omphalion waist back landmark †the

horizontal p'ane through omphaliou

USAF '50: Waist Back-to . . . waist tlevel of the greatest lateral indentation

Back Waist Length-THAI (Continued)

WAC: Back Waist Length—to posterior waist point †minimal circumference between the iliac crests and the 12th rib

WAF RECRUITS: Waist Back—to waist [midway between omphalion and greatest lateral indentation]

WOMEN: Posterior Waist Length—[to] average waist level thies at the lower edge of the lowest rib . . . in the midaxillary line

Indeterminable:

ARMY AVIATORS: Back Waist Length-[waist level not defined]

BACK WAIST LENGTH

Reference: VIETNAM

Measured as distance along surface of back from base of neck (cervicale) to level of waist (level of iliac crests).

N: 2124

 \overline{X} : 46.4 cm; 18.3 in SD: 2.6 cm; 1.0 in

V%: 5.6

Similar Dimensions:

Equivalent:

ARMY '66: Waist Back Length

NAVY RECRUITS: Waist Back Length

THAI: Back Waist Length USMC: Waist Back Length

Not Equivalent:

AUSTRALIA: Natural Waist Length—from the nape of the neck to . . . waist in line with the greatest suppression

JAPAN: Waist Back—to . . . waist tlevel of the greatest lateral indentation

KOREA: Waist Back-to . . . waist tlevel of the greatest lateral indentation

NATO: Waist Back-Omphalion—to the omphalion waist back landmark the horizontal plane through omphalion

USAF '50: Waist Back-to waist tlevel of the greatest lateral indentation

WAC: Back Waist Length—to posterior waist point †minimal circumference between the iliac crests and the 12th rib

WAF RECRUITS: Waist Back—to waist [midway between omphalion and greatest lateral indentation]

Dack Weist Length-VIETNAM (Continued)

WOMEN: Posterior Waist Length—[to] average waist level †lies at the lower edge of the lowest rib . . . in the midaxillary line

Indeterminable:

ARMY AVIATORS: Back Waist Length-[waist level not defined]

BACK WAIST LENGTH

Reference: WAC

tSubject stood erect without stretching, eyes on an imaginary horizon... but with feet slightly apart, ... with back to measurer. Measurement taken from cervicale the most dorsally protruding point on the spine of the 7th cervical vertebrat to posterior waist point the tape is placed horizontally around the bady at the minimal circumference between the iliae crests and the 12th rib. The points are marked where the tape crosses the mid-sagittal plane... posteriorly.

N: 8527

 \overline{X} : 37.86 cm; 14.91 in SD: 2.31 cm; 0.91 in

V%: [6.1]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Waist Back Length-[level of iliac crests]

AUSTRALIA: Natural Waist Length—from the nape of the neck to . . . waist in line with the greatest suppression.

JAPAN: Waist Back—to . . . waist tlevel of the greatest lateral indentation KOREA: Waist Back—to . . . waist tlevel of the greatest lateral indentation NATO: Waist Back-Omphalion—to the omphalion waist back landmark the horizontal plane through omphalion

NAVY RECRUITS: Waist Back Length—[level of iliac crests]
THAI: Back Waist Length—to level of waist [level of iliac crests]
USAF '50: Waist Back—to waist †level of the greatest lateral indentation

USMC: Waist Back Length-[level of iliac crests]

VIETNAM: Back Waist Length-to level of waist (level of iliac crests)

Back Waist Length-WAC (Continued)

WAF RECRUITS: Waier Back—to waist [midway between omphalion and greatest lateral indentation]

WOMEN: Posterior Waist Length — [to] average waist level tlies at the lower edge of the lowest rib . . . in the midaxillary linet, center back

Indeterminable:

ARMY AVIATORS: Back Waist Length-[waist level not defined]

BALL CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizont. Measurement taken with the tape passing around the metatarsal-phalangeal joints. The subject was asked to raise the anterior part of her foot so that the ball of the foot was off the floor. The tape was adjusted and the subject asked to place all her weight on it. Measurement was then read.

N: 1949

 \overline{X} : 22.20 cm; 8.74 in SD: 1.17 cm; 0.46 in

V%: [5.3]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Bull of Foot Circumference—weight evenly distributed ARMY QM: Ball Foot Circumference—weight equally distributed

FOOT: Ball Girth-just posterior to the maximal prominences

FRANCE '65: Périmètre antérieur du pied-[supported equally by both feet]

PAREA: Ball of Foot Circumference—weight equally distributed NATO: Ball of Foot Circumference—weight equally distributed

NAVY RECRUITS: Bali of Foot Circumference-weight evenly distributed

THAI: Ball Foot Circumference-weight equally distributed

USAF '50: Ball of Foot Circumference—weight equally distributed USMC: Ball of Foot Circumference—weight evenly distributed

VIETNAM: Ball Foot Circumference—weight equally distributed

WAF RECRUITS: Ball of Foot Circumference-weight equally on both feet

Ball Circumference-WAC (Continued)

Indeterminable:

1

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified1

MORANT: Ball Girth-[distribution of weight not specified]

BALL FOOT CIRCUMFERENCE

Reference: ARMY QM

The subject is asked to raise his foot until the tape is placed in position. Subject then stands erect with eyes facing ahead, feet together and weight equally distributed. The minimum circumference in a plane passing through the most prominent points over the distal ends of the first and fifth metatarsals with firm contact.

N: 24468

 \overline{X} : 24.63 cm; 9.70 in SD: 1.28 cm; 0.50 in

V%: [5.2]

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference FILANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference

NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

THAI: Ball Foot Circumference USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Girth—just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

querifiedl

MORANT: Ball Girth-[distribution of weight not specified]

BALL FOOT CIRCUMFERENCE

Reference: THAI

†Weight equally distributed on both feet† Measured as maximum circumference of foot at widest point (distal ends of metatarsals).

N: 2950

 \overline{X} : 24.8 cm; 9.79 in

SD: 1.4 cm; 0.55 in

V%: 5.6

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre autérieur du picd KOREA: Ball of Foot Circumference NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Cirth—just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BALL FOOT CIRCUMFERENCE

Reference: VIETNAM

†Weight equally distributed on both feet † Measured as maximum circumference of foot at widest point (distal ends of metatarsals).

N: 2114

 \overline{X} : 24.2 cm; 9.5 in SD: 1.6 cm; 0.6 in

V%: 6.6

Ball Foot Circumference—VIETNAM (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference

NATO: Ball of Foot Circumference NAVY RECRUITS: Ball of Foot Circumference

THA1: Ball Foot Circumference USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference

WAF RECRUITS: Ball of Fool Circumference

Not Equivalent:

FOOT: Ball Girth—just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indcterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BALL GIRTH

Reference: FOOT

Girth just posterior to the maximal prominences of the 1st and 5th metatarso-phalangeal joints.

 $\begin{array}{ccc} White & Negro \\ N: 5575 & 1200 \\ \overline{X}: 25.18 \, \mathrm{cm}; 9.91 \, \mathrm{in} & 25.35 \, \mathrm{cm}; 9.98 \, \mathrm{in} \\ \mathrm{Est} \, \mathrm{SD}: \, [1.15 \, \mathrm{cm}; 0.46 \, \mathrm{in}] & [1.21 \, \mathrm{cm}; 0.48 \, \mathrm{in}] \\ \mathrm{Est} \, \mathrm{V\%}: \, [4.56] & [4.77] \end{array}$

Similar Dimensions:

Equivalent:

None

Ball Girth-FOOT (Continued)

Not Equivalent:

ARMY '66: Ball of Foot Circumference—over the inner and c 'er balls of the foot

ARMY AVIATORS: Ball of Foot Circumference—over the inner and outer balls of the foot

ARMY QM: Ball Foot Circumference—most prominent points over the distal ends of the first and fifth metatarsals

FRANCE '65: Périmètre antérieur du pied-[at the level of the heads of the metatarsals]

KOREA: Ball of Foot Circumference—around the distal ends of the protuberences of the metatarsal bones

MORANT: Ball Girth—through . . . points marked on the prominences of the 1st and 5th metatarso phalangeal joints

NATO: Ball of Foot Circumference--distal ends of the protuberances of the metatarsal bones

NAVY RECRUITS: Ball of Foot Circumference—over the inner and outer balls of the foot

THAI: Ball Foot Circumference-(distal ends of metatarsals)

USAF '50: Ball of Foot Circumference—around the ends of the protuberances of the metatarsal bones

USMC: Ball of Foot Circumference—over the inner and outer balls of the foot

VIETNAM: Ball Foot Circumference—(distal ends of metatarsals) WAC: Ball Circumference—around the metatarsal-phalangeal joints

WAF RECRUITS: Ball of Foot Circumference—around the distal ends of the protuberances of the metatarsal bones

Indeterminable:

None

BALL GIRTH

Roference: MORANT

This is the minimum girth, taken with the linen tape, passing through the points marked on the prominences of the 1st and 5th metatarso-phalangeal joints. When positioning the tape the subject is required to raise the front of his foot.

N: 200

 \overline{X} : 24.83 cm; 9.77 in

SD: 1.05 cm; 0.41 in

V%: [4.4]

Ball Girth-MORANT (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

FOOT: Bail Girth—just posterior to the maximal prominences

WAC: Ball Circumference-subject asked to place all her weight on it [ball]

Indeterminable:

The reference dimension does not specify distribution of weight on feet.

ARMY '66: Ball of Foot Circumference

ARMY AVIATORS: Ball of Foot Circumference

ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference

NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

THAI: Ball of Foot Circumference USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

BALL HEIGHT

Reference: FOOT

Height from the ground to the dorsal foot surface in the region of the 1st metatarso-phalangeal joint.

[5.52]

 White
 Negro

 N: 5574 1199

 \overline{X} : 3.88 cm; 1.53 in 3.81 cm; 1.50 in

 Est SD: [0.23 cm; 0.09 in] [0.21 cm; 0.08 in]

Est V%: [5.93]

Similar Dimensions:

Equivalent:

MORANT: Ball Height

Ball Height-FOOT (Continued)

Not Equivalent:

None

Indeterminable:

None

See Also:

Outside Ball Height

BALL HEIGHT

Reference: MORANT

This is the height above the surface supporting the foot of the highest point on the line marking the cross section of the ball, measured with a height gauge.

N: 200

X: 3.84 cm: 1.51 in

SD: 0.24 cm; 0.10 in

V%: [6.25]

Similar Dimensions:

Equivalent:

FOOT: Ball Height

Not Equivalent:

None

Indeterminable:

None

See Also:

Outside Ball Height

BALL LENGTH

Reference: FOOT

Length from heel to soft tissue prominence medial to 1st metatarso-phalangeal joint. [From photograph]

Ball Length-FOOT (Continued)

White

Negro

N:	5575
$\overline{\mathbf{X}}$:	19.26 cm; 7.5

1199

8 in Est SD: [0.91 cm; 0.36 in] 20.14 cm; 7.93 in [1.00 cm; 0.40 in]

Est V%: [4.72]

[4.97]

Similar Dimensions:

Equivalent:

ARMY '66: Instep Length ARMY QM: Instep Length KOREA: Instep Length MORANT: Instep Length NATO: Instep Length

NAVY RECRUITS: Instep Length

THAI: Instep Length USAF '50: Instep Length USMC: Instep Length V'.ETNAM: Instep Length WAF RECRUITS: Instep Length

Not Equivalent:

WAC: Instep Length-Subject . . . stands on left foot with right foot placed on a stool

Indeterminable:

None

See Also:

Foot Length Outside Ball Length

BALL LENGTH

Reference: MORANT

With the foot in position on the board tfort on the measuring board so that the heel is in contact with the base block and the medial side of the foot is in contact with the side block at the heel and at the ballt ... the side block is taken away by rotating it on its hinges and replaced by the loose block. The working face of this is aligned

Ball Length—MURANT (Continued)

with the mark made on the medial surface of the ball and the length required is read on the scale of the board.

N: 200

 \overline{X} : 19.07 cm; 7.51 in

SD: 0.83 cm; 0.33 in

V%: [4.35]

Similar Dimensions:

Equivalent:

ARMY '66: Instep Length ARMY QM: Instep Length

FOOT: Ball Length KOREA: Instep Length NATO: Instep Length

NAVY RECRUITS: Instep Length

THAI: Instep Length
USAF '50: Instep Length
USMC: Instep Length
VIETNAM: Instep Length

WAF RECRUITS: Instep Length

Not Equivalent:

WAC: Instep Length-Subject . . . stands on left foot with right foot placed on a stool

Indeterminable:

None

See Also:

Foot Length Outside Ball Length

BALL OF FOOT BREADTH

Reference: ARMY '66

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The breadth of the right foot is measured between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints). A foot measuring box is used.

N: 6682

 \overline{X} : 9.82 cm; 3.87 in

Ball of Foot Breadth-ARMY '66 (Continued)

SD: 0.55 cm; 0.22 in

V%: 5.56

Similar Dimensions:

Equivalent:

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width

HRDLIČKA: Foot Breadth—maximum breadth KOREA: Foot Breadth—widest part of the foot

MARTIN: Breite des belasteten rechten Fusses-[of the weight supporting foot]

NATO: Foot Breadth-widest part of the foot

THAI: Foot Breadth—maximum breadth of right foot USAF '50: Foot Breadth—widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth-maximum breadth of right foot

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

WAF RECRUITS: Foot Width-widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY QM: Foot Breadth

FOOT: Foot Breadth (Diagonal) FOOT: Foot Breadth (Horizontal) FRANCE '65: Largeur du pied MORANT: Diagonal Foot Breadth

The following dimension descriptions do not specify the distribution of body weight on the feet.

AUSTRALIA: Foot Width

FAA: Foot Breadth

MONTAGU: Foot Breadth

See Also:

Breadth of Instep

BALL OF FOOT BREADTH

Reference: NAVY RECRUITS

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The breadth of the right foot is measured between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints). A foot measuring box is used.

N: 4095

 \overline{X} : 9.75 cm; 3.84 in

SD: 0.53 cm; 0.21 in

V%: 5.40

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Breadth USMC: Ball of Foot Breadth

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width

HRDLICKA: Foot Breadth—maximum breadth KOREA: Foot Breadth—widest part of the foot

MARTIN: Breite des belacteten rechten Fusses-[of the weight supporting foot]

NATO: Foot Breadth—widest part of the foot THAI: Foot Breadth—maximum breadth of right foot

USAF '50: Foot Breadth-widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth—maximum breadth of right foot

WAC: Foot Breadth-stands on left fcot with right foot placed on a stool

WAF RECRUITS: Foot Width-widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY QM: Foot Breadth

FOOT: Foot Breadth (Diagonal) FOOT: Foot Breadth (Horizontal) FRANCE '65: Largeur du pied

Ball of Foot Breadth-NAVY RECRUITS (Continued)

MCRANT: Diagonal Foot Breadth

The following dimension descriptions do not specify the distribution of body weight on the feet.

AUSTRALIA: Foot Width

FAA: Foot Breadth

MONTAGU: Foot Breadth

See Alsc:

Breadth of Instep

BALL OF FOOT BREADTH

Reference: USMC

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The breadth of the right foot is measured between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints). A foot measuring box is used.

N: 2008

 \overline{X} : 9.80 cm; 3.86 in SD: 0.53 cm; 0.21 in

V%: 5.32

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Breadth

NAVY RECRUITS: Ball of Foot Breadth

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width

HRDLICKA: Foot Breadth—maximum breadth KOREA: Foot Breadth—widest part of the foot

MARTIN: Breite des belasteten rechten Fusses-[of the weight supporting foot]

NATO: Foot Breadth-widest part of the foot

Ball of Foot Breadth-USMC (Continued)

THAI: Foot Breadth—maximum breadth of right foot USAF '50: Foot Breadth—widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth-maximum breadth of right toot

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

WAF RECRUITS: Foot Width-widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY QM: Foot Breadth FOOT: Foot Breadth (Diagonal) FOOT: Foot Breadth (Horizontal) FRANCE '65: Largeur du pied MORANT: Diagonal Foot Breadth

The following dimension descriptions do not specify the distribution of body weight on the feet.

AUSTRALIA: Foot Width FAA: Foot Breadth MONTAGU: Foot Breadth

See Also:

Breadth of Instep

BALL OF FOOT CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with his feet slightly apart and with his weight evenly distributed on both feet. The circumference of the right foot is measured. A steel tape is used, with the tape passing over the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

N: 6682

 \overline{X} : 25.01 cm; 9.85 in SD: 1.47 cm; 0.58 in

V%: 5.92

Ball of Foot Circumference—KOREA (Continued)

USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Girth-just posterior to the maximal prominences

WAC: Ball Circumference-subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BALL OF FOOT CIRCUMFERENCE

Reference: NATO

Subject stands with the tape under the ball of his right foot, his weight equally distributed on both feet. Measure the maximum circumference around the distal ends of the protuberances of the metatarsal bones.

	Turkey	Greece	Italy
N:	915	1084	1385
$\overline{\mathbf{X}}$:	25.27 cm; 9.95 in	24.97 cm; 9.83 in	25.15 cm; 9.90 in
SD:	1:30 cm; 0.51 in	1:10 cm; 0.43 in	1.18 cm; 0.46 in
V %:	5.14	4.41	4.69

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference

NAVY RECKUITS: Ball of Foot Circumference

THAI: Ball Foot Circumference

USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Ball of Foot Circumference-NATO (Continued)

Not Equivalent:

FOOT: Ball Girth--just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BALL OF FOOT CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject stands erect, with his feet slightly apart and with his weight evenly distributed on both feet. The circumference of the right foot is measured. A steel tape is used, with the tape passing over the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

N: 4094

 \overline{X} : 24.63 cm; 9.70 in SD: 1.70 cm; 0.67 in

V%: 6.93

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied

KOREA: Ball of Foot Circumference NATO: Ball of Foot Circumference THAI: Ball Foot Circumference USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Girth-just postcrior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Ball of Foot Circumference—NAVY RECRUITS (Continued)

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BALL OF FOOT CIRCUMFERENCE

Reference: USAF '50

Subject stands with the tape under the ball of his right foot and his weight equally distributed on both feet. Measure the maximum circumference around the distal ends of the protuberances of the metatarsal bones.

N: 4050

X: 24.52 cm; 9.65 in SD: 1.22 cm; 0.48 in

V%: 4.98

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Perimètre antérieur du pied KOREA: Ball of Foot Circumference

KOREA: Ball of Foot Circumference NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

THAI: Ball Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Girth-just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

pecifiedl

MORANT: Ball Girth-[distribution of weight not specified]

BALL OF FOOT CIRCUMFERENCE

Reference: USMC

Subject stands erect, with his feet slightly apart and with his weight evenly distributed on both feet. The circumference of the right foot is measured. A steel tape is used, with the tape passing over the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

N: 2008

 \overline{X} : 25.12 cm; 9.89 in SD: 1.29 cm; 0.51 in

V%: 5.20

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference

NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

THAI: Ball Foot Circumference

USAF '50: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

WAF RECRUITS: Ball of Foot Circumference

Not Equivalent:

FOOT: Ball Girth-just posterior to the maximal prominences

WAC: Ball Circumference—subject asked to place all her weight on it [ball]

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth—[distribution of weight not specified]

BALL OF FOOT CIRCUMFERENCE

Reference: WAF RECRUITS

Subject stands. Ask the subject to lift her right foot and place the tape under the ball of the foot. The subject then replaces her weight equally on both feet and the cir-

Ball of Foot Circumference—WAF RECRUITS (Continued)

cumference is measured around the distal ends of the protuberances of the metatarsal bones.

N: 848

 \overline{X} : 23.30 cm; 9.17 in. SD: 1.23 cm; 0.48 in

V%: 5.30

Similar Dimensions:

Equivalent:

ARMY '66: Ball of Foot Circumference ARMY QM: Ball Foot Circumference FRANCE '65: Périmètre antérieur du pied KOREA: Ball of Foot Circumference NATO: Ball of Foot Circumference

NAVY RECRUITS: Ball of Foot Circumference

THAI: Ball Foot Circumference USAF '50: Ball of Foot Circumference USMC: Ball of Foot Circumference VIETNAM: Ball Foot Circumference

Not Equivalent:

FOOT: Ball Girth—just posterior to the maximal prominences

WAC: Ball Circumference-subject asked to place all her weight on it [bal']

Indeterminable:

ARMY AVIATORS: Ball of Foot Circumference-[distribution of weight not

specified]

MORANT: Ball Girth-[distribution of weight not specified]

BENT KNEE GIRTH

Reference: WOMEN

Tape.... The subject sat on a table with the feet placed in a chair high enough to form a right angle at the kree.... The tape was placed around the knee without constriction, the zero point of the tape at the center front and the upper border at the level of the midpoint of the patella.

N: 10042

X: 36.30 cm; 14.29 in

Bent Knee Girth-WOMEN (Continued)

SD: 3.51 cm; 1.33 in

V%: 9.7

Similar Dimensions:

Equivalent:

JAPAN: Knee Circumference, Sitting KOREA: Knee Circumference, Sitting NATO: Knce Circumference, Sitting USAF '50: Knee Circumference, Sitting

WAF RECRUITS: Knee Circumference (Flexed)

Not Equivalent:

None

Indeterminable:

None

See Aiso:

Knee Circumference

N Median SD

BIACROMIAL

Reference: AAF

Distance between acromial points external borders of end of scapular (shoulderblade) spine. Be sure subject is relaxed, but not collapsed. Firm contact.

	Cadets	Gunners
N:	2956	583
edian:	39.79 cm; 15.7 in	38.93 cm; 15.3 in
SD:	NDA	NDA
V%:	NDA	NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Biacromial COMAS: Bi-Aeromial Breadth FRANCE '65: Diamètre bi-acromial

Biacromial-AAF (Continued)

MARTIN: Breite zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biacromial Diameter

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter—between the 2 acromial points †superior and external border of the acromion process

JAPAN: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial Breadth—between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter— (acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth — [Acromion not defined.]

See Also:

Bideltoid Breadth

BIACROMIAL

Reference: ARMY ARMORED

Distance between acromial points (external borders of end of scapular (shoulder-blade) spine). Be sure subject is relaxed, but not collapsed. Firm contact.

Reference cites AAF data for this dimension.

Similar Cimensions:

Equivalent:

AAF: Biacromial

COMAS: Bi-Acromial Breadth

FRANCE '65: Diamètre bi-acromial MARTIN: Breite Zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biacromial Diameter

WASP: Biacromial

Biacromial-ARMY ARMORED (Continued)

Not Equivalent:

GENEVA: Bi-Aeromial Diameter—between the 2 acromial points †superior and external border of the acromion process

JAPAN: Biacromial Diometer-(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biaeromial Breadtin-between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter—(acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

Bideltoid Breadth

BIACROMIAL

Reference: WASP

Distance between acromial points (external borders of end of scapular (shoulder-blade) spine). Be sure subject is relaxed, but not collapsed. Firm contact.

women Pilots		Flying Nurses	
N:	447	152	
$\overline{\mathbf{X}}$:	34.96 cm; 13.76 in	33.99 cm; 13.38 in	
D:	NDA	NDA	
%.	NDA	NDA	

Similar Dimensions:

Equivalent:

AAF: Biacromial

ARMY ARMORED: Biaeromial COMAS: Bi-Acromial Breadth FRANCE '65: Diametre bi-acromial MARTIN: Breite zwischen den Akromien

Biacromial-WASP (Continued)

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biocromial Diameter

Not Equivalent:

GENEVA: Bi-Acromial Diameter—between the 2 acromial points †superior and external border of the acromion process

JAPAN: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial Breadth—between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter—(acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

Bideltoid Breadth

BIACROMIAL ARC

Reference: WAF RECRUITS

Subject sits erect with her upper arms hanging at her sides and her lower arms extended horizontally. Measure between the marked acromion points the outer end of the transverse spine of the shoulder bladet with the tape passing horizontally across the back.

N: 843

 \overline{X} : 47.30 cm; 18.62 in SD: 3.24 cm; 1.28 in

V%: 6.85

Similar Dimensions:

None

BIACROMIAL BREADTH

Reference: BULGARIA

The rectilinear distance between the two acromions. Measured with an anthropometer or pelvimeter.

MenWomen $\frac{N}{3}$: [38.39 cm; 15.11 in][35.11 cm; 13.82 in]Est SD: [2.63 cm; 1.04 in][2.20 cm; 0.87 in]Est V%: [6.85][6.27]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension does not define acromion.

AAF: Biacromial

ARMY ARMORED: Biacromial COMAS: Bi-Acromial Breadth FRANCE '65: Diamètre bi-acromial GENEVA: Bi-Acromial Diameter JAPAN: Biacromial Diameter

JAPAN: Biacromial Diameter KOREA: Biacromial Diameter

MARTIN: Breite zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

NATO: Biacromial Breadth

THOUSAND AVIATORS: Biacromial Diameter

USAF '50: Biacromial Diameter

WASP: Biacromial

See Also:

BI-ACRCMIAL BREADTH

Reference: COMAS

(With subject in standing position). Acromiale to acromiale †the most distal point, palpable from above, on the acromion process of the scapulat, (sliding caliper).

No Data Available

Similar Dimensions:

Equivalent:

AAF: Biacromial

ARMY ARMORED: Biacromial FRANCE '65: Diamètre bi-acromial MARTIN: Breite zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biacromial Diameter

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter—between the 2 acromial points †superior and external border of the acromion process

JAPAN: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial Breadth—between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter—(acromion to acromion) †the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

Bideltoid Breadth

BI-ACROMIAL BREADTH

Reference: MONTAGU

(Authropometer used as sliding compass). The distance between the most lateral

Bi-acromial Breadth-MC NTAGU (Continued)

margins of the acromion process of the scapula, the subject standing as he does normally.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Biaeromial

ARMY ARMORED: Biaeromial COMAS: Bi-Aeromial Breadth

FRANCE '65: Diamètre bi-acromial MARTIN: Breite zwischen den Akromien

THOUSAND AVIATORS: Biacromial Diameter

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter—between the 2 acromial points †superior and external border of the acromion process

JAPAN: Biaeromical Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biaeromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biaeromial Breadth—between the right and left acromion landmarks the highest point on the lateral edge of the aeromial spine

USAF '50: Biaeromial Diameter—(acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

Bideltoid Breadth

BIACROMIAL BREADTH

Reference: NATO

Subject sits erect, his upper arms hanging at his sides and his lower arms extended forward horizontally. Using the anthropometer, measure the distance between the

Biacromial Breauth-NATO (Continued)

right and left acromion landmarks, †The highest point . . . that can be palpated on the lateral edge of the acromial spine of the scapulat.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	39.60 cm; 15.59 in	38.87 cm; 15.30 in	39.84 cm; 15.69 in
SD:	1.72 cm; 0.68 in	1.98 cm; 0.78 in	1.83 cm; 0.72 in
V%:	4.34	5.08	4.58

Similar Dimensions:

Equivalent:

GENEVA: Bi-Acromial Diameter JAPAN: Biacromial Diameter KOREA: Biacromial Diameter USAF '50: Biacromial Diameter

Not Equivalent:

AAF: Biacromial—between acromial points (external borders) . . . subject is relaxed

ARMY ARMORED: Biacromial—between acromial points (external borders) . . . subject is relaxed

COMAS: Bi-Acromial Breadth—the most distal point, palpable from above FRANCE '65: Diamètre bi-acromial—[between lateral edges of the acromions]

MARTIN: Breite zwischen der Akromien-[point of the lateral edge of the acromial process of the scapula]

MONTAGU: Bi-Acromial Breadth—between the most lateral margins of the acromion process of the scapula

THOUSAND AVIATORS: Biacromial Diameter—from the most lateral aspects of the acromial process.

WASP: Biacromial-between acromial points (external borders)

Indeterminable:

BULGARIA: Biacromiai Breadth — [Acromion not defined.]

See Also:

BIACROMIAL DIAMETER

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downward, the heels in contact, and the axis of vision horizontal† Maximum distance between the 2 acromial points †superior and external border of the acromion process†.

No Data Available.

Similar Dimensions:

Equivalent:

JAPAN: Biacromial Diameter KOREA: Biacromial Diameter NATO: Biacromial Breadth USAF'50: Biacromial Diameter

Not Equivalent:

AAF: Biacromial—between acromial points (external borders) . . . subject is relaxed

ARMY ARMORED: Biacromial—between acromial points (external borders) ... subject is relaxed

COMAS: Bi-Acromial Breadth— the most distal point, palpable from above FRANCE '65: Diametre bi-acromial—[between lateral edges of the acromions]

MARTIN: Breite zwischen den Akromien-[point of the lateral edge of the acromial process of the scapula]

MONTAGU: Bi-Acromial Breadth—between the most lateral margins of the acromion process of the scapula

THOUSAND AVIATORS: Biacromial Diameter—from the most lateral aspects of the acromial process

WASP: Biacromial—between acromial points (external borders)

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

SIACROMIAL DIAMETER

Reference: JAPAN

Subject sits erect, his upper arms hanging at his sides and his forcurms extended horizontally. Using the anthropometer, measure between the points marked at the ends of the shoulders (acromion to acromion). †The highest point on the lateral edge of the shoulder bone;

N: 101

 \overline{X} : 37.46 cm; 14.75 in SD; 1.91 cm; 0.75 in

V%: 5.10

Similar Dimensions:

Equivalent:

GENEVA: Bi-Acromial Diameter KOREA: Biacromial Diameter NATO: Biacromial Breadth USAF '50: Biacromial Diameter

Not Equivalent:

AAF: Bio cromial—between acromial points (external borders) . . . subject is relaxed

ARMY ARMORED: Biacromial—between acromial points (external borders) . . . subject is relaxed

COMAS: Bi-Acromial Breadth— the most distal point, palpable from above FRANCE '65: Diametre bi-acromiai—[between lateral edges of the acromions]

MARTIN: Breite zwischen den Akromien-[point of the lateral edge of the acromial process of the scapula]

MONTAGU: Bi-Acromial Breadth—between the most lateral margins of the acromion process of the scapula

THOUSAND AVIATORS: Biacromial Diameter—from the most lateral aspects of the acromial process.

WASP: Biacromial—between acromial points (external borders)

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

BIACROMIAL DIAMETER

Reference: KOREA

Subject sits erect, his upper arms hanging at his sides and his forearms extended horizontally. Using the anthropometer, measure between the points marked at the ends of the shoulders (acromion to acromion). †The highest point on the lateral edge of the shoulder bone;

N: 264

 \overline{X} : 34.63 cm; 13.64 in SD: 2.02 cm; 0.80 in

V%: 5.84

Similar Dimensions:

GENEVA: Bi-Acromial Diameter JAPAN: Biacromial Diameter NATO: Biacromial Breadth USAF '50: Biacromial Diameter

Not Equivalent:

AAF: Biacromial—between acromial points (external borders) . . . subject is relaxed

ARMY ARMORED: Biacromial—between acromial points (external borders) . . . subject is relaxed

COMAS: Bi-Acromial Breadth— the most distal point, palpable from above FRANCE '65: D:amètre bi-acromial—[between lateral edges of the acromions]

MARTIN: Breite zwischen den Akromien-[point of the lateral edge of the acromial process of the scapula]

MONTAGU: Bi-Acromial Breadth—between the most lateral margins of the acromion process of the scapula

THOUSAND AVIATORS: Biacromial Diameter—from the most lateral aspects of the acromial process.

WASP: Biacromial—between acromial points (external borders)

Indeterminable:

BULGARIA: Biacromial Breadth -- [Acromion not defined.]

See Also:

BIACROMIAL DIAMETER

Reference: THOUSAND AVIATORS

Subject stood with head bent slightly forward and shoulders "slouched." Measurement was made from the most lateral aspects of the acromial process. †Measured with an anthropometer to the nearest millimeter with the firm pressure on bony prominences†

N: 675

 \overline{X} : 40.64 cm; 16.00 in SD: 1.77 cm; 0.70 in

V%: [4.3]

Similar Dimensions:

Equivalent:

AAF: Biacromial

ARMY ARMORED: Biacromial COMAS: Bi-Acromial Breadth

FRANCE '65: Diametre bi-acromial MARTIN: Breite zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter — between the 2 acromial points, †superior and external border of the acromion process

JAPAN: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(Acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial Breadth—between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter—(acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined.]

See Also:

Bideltoia Breadth

BIACROMIAL DIAMETER

Reference: USAF '50

Subject sits erect, his upper arms hanging at his sides and his forearms extended horizontally. Using the anthropometer, measure between the points marked at the ends of the shoulders (acromion to acromion) † The highest point on the lateral edge of the shoulder bone†.

N: 4063

 \overline{X} : 40.01 cm; 15.75 in SD: 1.88 cm; 0.74 in

V%: 4.72

Similar Dimensions:

Equivalent:

GENEVA: Bi-Acromial Diameter JAPAN: Biacromial Diameter KOREA: Biacromial Diameter NATO: Biacromial Breadth

Not Equivalent:

AAF: Biacromial—between acromial points (external borders) . . . subject is

ARMY ARMORED: Biacromial—between acromial points (external borders) . . . subject is relaxed

COMAS: Bi-Acromial Breadth— the most distal point, palpable from above FRANCE '65: Diamètre bi-acromial—[between lateral edges of the acromions]

MARTIN: Breite zwischen den Akromien-[point of the lateral edge of the acromial process of the scapula]

MONTAGU: Bi-Acromial Breadth—between the most lateral margins of the acromion process of the scapula

THOUSAND AVIATORS: Biacromial Diameter—from the most lateral aspects of the acromial process.

WASP: Biacromial-between acromial points (external borders)

Indeterminable:

BULGARIA: Biacromial Breadth — [Acromion not defined.]

See Also:

Bideltoid Breadth

BICEPS CIRCUMFERENCE, EXTENDED

Reference: BULGARIA

Measured with a centimeter tape with relaxed arm at the most bulging part of biceps brachii.

M en	Women
N: 1662	1581
\overline{X} : [27.62 cm; 10.87 in]	[26.17 cm; 10.30 in]
Est SD: [2.10 cm; 0.83 in]	[2.53 cm; 1.00 in]
Est V%: [7.60]	[9.68]

Similar Dimer.slons:

Equivalent:

FAA: Upper-Arm Circumference

GENEVA: Circumference of the Upper Arm [At Rest]

MARTIN: Groesster Umfang des rechten Oberarms bei Streckung

MONTAGU: Maximum Circumference of the Right Arm

WASP: Upper Arm Circumference

Not Equivalent:

ARMY '66: Biceps Circumference, Relaxed—midway between the shoulder and the elbow.

ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference—midway between the axilla and the . . . cubital fossa

FRANCE' 65: Périmètre maximum du membre supérieur—[at the inferior insertion of the deltoid muscle.]

NAVY RECRUITS: Biceps Circumference, Relaxed — midway between the shoulder and the elbow

NATO: Biceps Circumference, Extended—at the ... landmark †maximum protrusion of the biceps muscle . . . elbow to a right angle . . . tenses the biceps

THAI: Upper Arm Circumference-midway between shoulder and albow

THOUSAND AVIATORS: Biceps Resting [Circumference]—midpoint... between the right acromial process and olecranon

USMC: Biceps Circumference, Relaxed—midway between the shoulder and the elbow

VIETNAM: Upper Arm Circumference—midway between shoulder and elbow WAC: Upper Arm Circumference—midway between the shoulder and elbow

See Also:

Biceps Circumference, Flexed

BICEPS CIRCUMFERENCE, EXTENDED

Reference: NATO

Subject stands, his right arm extended with the hand about a foot from the body. Holding the tape perpendicular to the long axis of the upper arm, measure the circumference of the arm at the biceps circumference landmark †mark with a line ... the level of maximum protrusion of the biceps muscle when the subject bends his elbow to a right angle, holds his upper arm horizontal, and tenses the biceps to make a maximum "fist".

	Turkcy	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	27.20 cm; 10.71 in	28.37 cm; 11.17 in	29.23 cm; 11.51 in
SD:	2.36 cm. 0.93 in	2.08 cm; 0.82 in	2.29 cm; 0.90 in
V%:	8.68	7.33	7.82

Similar Dimensions:

Equivalent:

None

Not Equivalent:

- ARMY '66: Biceps Circumference, Relaxed—at the level of the biceps muscle, midway between the shoulder and the elbow
- ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepicondylar process
- ARMY QM: Middle Upper Arm Circumference midway between the axilla and the . . . cubital fossa
- BULGARIA: Biceps Circumference Extended—at the most bulging part of the biceps
- FAA: Upper-Arm Circumference at the greatest diameter of the biceps FRANCE '65: Périmètre maximum du membre supérieur—[at the inferior insertion of the deltoid muscle]
- GENEVA: Circumference of the Upper Arm [At Rest]—maximum circumference . . . below the insertion of the deltoid muscle
- MARTIN: Groesster Umfang des rechten Oberarms bei Streckung [at the maximum protrusion of the biceps muscle]
- MONTAGU: Maximum Circumference of the Right Arm—[maximum circumference]
- NAVY RECRUITS: Biceps Circumference, Relaxed at the level of the biceps muscle, midway between the shoulder and the elbow
- THAI: Upper Arm Circumference—at the level of biceps muscle (relaxed), midway between shoulder and elbow

Biceps Circumference, Extended—NATO (Continued)

THOUSAND AVIATORS: Biceps Resting [Circumference]—at the midpoint . . . between . . . acromial process and olecranon

USMC: Biceps Circumference, Relaxed—at the level of the biceps muscle, midway between the shoulder and the elbow

VIETNAM: Upper Arm Circumference—at the level of biceps muscle (relaxed), midway between shoulder and elbow

WAC: Upper Arm Circumference—midway between shoulder and elbow WASP: Upper Arm Circumference—at the maximum of the biceps muscle

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

BICEPS CIRCUMFERENCE, FLEXED

Reference: ARMY '66

Subject stands erect, with his right arm bent, fist clenched, and biceps muscle flexed. The maximum circumference of the right upper arm is measured at the greatest bulge of the flexed biceps muscle. A steel tape is used.

N: 6682

 \overline{X} : 32.25 cm; 12.70 in SD: 2.74 cm; 1.08 in

V%: 8.52

Similar Dimensions:

Equivalent:

BULGARIA: Biccps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biccps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Bieeps Circumference—Flexed

:VAF RECRUITS: Biccps Circumference (Flexed)

Biceps Circumference, Flexed-ARMY '66 (Continued)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE FLEXED

Reference: BULGARIA

†Measured with a centimeter tape† at maximum tension of the muscles †at the most bulging part of biceps brachii.†

men	w omen
N: 1778	1578
\overline{X} : [31.06 cm; 12.23 in]	[28.48 cm; 11.21 in]
Est SD: [2.47 cm; 0.97 in]	[2.91 cm; 1.15 in]
Est V%: [7.94]	[10.22]

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed

2/---

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Bi 2ps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Biceps Circumference Flexed-BULGARIA (Continued)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and oleranon

Indeterminable:

None

See Also:

Biceps Circumference, Rclaxed

BICEPS CIRCUMFERENCE (FLEXED)

Reference: JAPAN

Subject bends his right arm and makes a fist while holding the upper arm horizontally. Using the tape, measure the maximum circumference around the biceps muscle.

N: 236

X: 30.27 cm; 11.92 in SD: 1.72 cm; 0.68 in

V%: 5.70

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biccps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biecps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Biceps Circumference (Flexed)—JAPAN (Continued)

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE (FLEXED)

Reference: KOREA

Subject bends his right arm and makes a fist while holding the upper arm horizontally. Using the tape, measure the maximum circumference around the biceps muscle.

N: 264

 \overline{X} : 30.30 cm; 11.92 in SD: 1.63 cm; 0.64 in

V%: 5.39

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biccps Flexed]

JAPAN: Biceps Circumference (Flexed)

MARTIN. Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Aiso:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE, FLEXED

Reference: NATO

Subject bends his right arm and makes a fist while holding the upper arm horizontally. Using the tape, measure the circumference of the arm at the biceps circumference landmark †the level of maximum protrusion of the biceps muscle when the subject bends his elbow to a right angle, holds his upper arm horizontal, and tenses the biceps to make a maximum "fist".

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	29.77 cm; 11.72 in	30.64 cm; 12.06 in	30.94 cm; 12.18 in
SD:	2.37 cm; 0.93 in	2.08 cm; 0.82 in	2.11 cm; 0.83 in
V%:	7.96	6.77	6.82

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE, FLEXED

Reference: NAVY RECRUITS

Subject stands erect, with his right arm bent, fist clenched, and biceps muscle flexed. The maximum circumference of the right upper arm is measured at the greatest bulge of the flexed biceps muscle. A steel tape is used.

N: 4095

 \overline{X} : 31.80 cm; 12.52 in SD: 2.71 cm; 1.07 in

V%: 8.55

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MAR'TIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biccps Circumference, Flexed USAF '50: Biceps Circumference (Flexed) USMC: Biceps Circumference, Flexed USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE (FLEXED)

Reference: USAF '50

Subject bends his right arm and makes a fist while holding the upper arm horizontally. Using the tape, measure the maximum circumference around the biceps muscle.

Biceps Circumference (Flexed)—USAF '50 (Continued)

N: 4063

 \overline{X} : 32.49 cm; 12.79 in SD: 2.71 cm; 1.07 in

V%: 8.34

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USMC: Biceps Circumference, Flexed USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE, FLEXED

Reference: USMC

Subject stands erect, with his right arm bent, fist clenched, and biceps muscle flexed. The maximum circumference of the right upper arm is measured at the greatest bulge of the flexed biceps muscle. A steel tape is used.

N: 2008

 \overline{X} : 32.43 cm; 12.77 in

Biceps Circumference, Flexed-USMC (Continued)

SD: 2.41 cm; 0.95 in

V%: 7.45

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumserence of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USN: Biceps Circumference—Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biseps Contracted [Circumference] — midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE—FLEXED

Reference: USN

Subject bends his right arm and makes a fist while holding the upper arm horizontally. Using the tape, measure the circumference of the arm at the biceps circumference landmark †the level of maximum protrusion of the biceps muscle when the subject bends his elbow to a right angle, holds his upper arm horizontal, and tenses the biceps to make a maximum "fist".

N: 1549

 \overline{X} : 32.93 cm; 12.97 in

Biceps Circumference-Flexed-USN (Continued)

SD: 2.41 cm; 0.95 in

V%: 7.33

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed) USMC: Biceps Circumference, Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] - midpoint of the arm between the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE (FLEXED)

Refere ice: WAF RECRUITS

Ask the subject to flex her right biceps muscle and measure the circumference at the point of maximum bulge with the tape held in a plane at right angles to the long axis of the upper arm.

 $\frac{N}{X}$: 846 $\frac{10.50}{X}$ in SD: 2.24 cm; 0.88 in

V%: 8.40

Biceps Circumference (Flexed)—WAF RECRUITS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarms bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference, Flexed

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference, Flexed
USN: Biceps Circumference—Flexed

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference]—midpoint of the arm beetwen the right acromial process and olecranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS CIRCUMFERENCE, RELAXED

Reference: ARMY '66

Subject stands erect, with his right arm held slightly away from the body. The circumference of the right upper arm is measured at the level of the biceps muscle, midway between the shoulder and the elbow. A steel tape is used.

N: 6682

 \overline{X} : 29.43 cm; 11.59 in SD: 2.74 cm; 1.08 in

V%: 9.30

Biceps Circumference, Relaxed-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

NAVY RECRUITS: Biceps Circumference, Relaxed

THAI: Upper Arm Circumference

THOUSAND AVIATORS: Biceps Resting [Circumference]

USMC: Biceps Circumference, Rclaxed VIETNAM: Upper Arm Circumference WAC: Upper Arm Circumference

Not Equivalent:

ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference—midway between the axilla and the . . . cubital fossa

BULGARIA: Bieeps Circumference Extended—at the most bulging part of the biceps

FAA: Upper-Arm Circumference — at the greatest diameter of the biceps FRANCE '65: Périmètre maximum du membre supéricur—[at the inferior insertion of the deltoid muscle]

GENEVA: Circumference of the Upper Arm [At Rest]—maximum circumference

MARTIN: Groesster Umfang des rechten Oberarms bei Streekung — [at the maximum protrusion of the biceps muscle]

MONTAGU: Maximum Circumference of the Right Arm-[maximum circumference]

NATO: Biceps Circumference, Extended—at the ... landmark †maximum protrusion of the biceps muse 'e... elbow to a right angle ... tenses the biceps WASP: Upper Arm Cir "Icrenee—maximum of the biceps muscle

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

BICEPS CIRCUMFERENCE, RELAXED

Reference: NAVY RECRUITS

Subject stands erect, with his right arm held slightly away from the body. The

Biceps Circumference, Relaxed—NAVY RECRUITS (Continued)

circumference of the right upper arm is measured at the level of the biceps muscle, midway between the shoulder and the ellow. A steel tape is used.

N: 4095

 \overline{X} : 28.93 cm; 11.39 in SD: 2.87 cm; 1.13 in

V%: 9.95

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Relaxed

THAI: Upper Arm Circumference

THOUSAND AVIATORS: Biceps Resting [Circumference]

USMC: Biceps Circumference, Relaxed VIETNAM: Upper Arm Circumference WAC: Upper Arm Circumference

Not Equivalent:

ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference—midway between the axilla and the . . . cubital fossa

BULGARIA: Bicens Circumference Extended—at the most bulging part of the biceps

FAA: Upper-Arm Circumference — at the greatest diameter of the biceps FRANCE '65: Perimètre maximum du membre supérieur—[at the inferior insertion of the deltoid muscle]

GENEVA: Circumference of the Upper Arm [At Rest]—maximum circumference

MARTIN: Groesster Umfang des rechten Oberarms bei Streckung — [at the maximum protrusion of the biceps muscle]

MONTAGU: Maximum Circumference of the Right Arm-[maximum circumference]

NATO: Biceps Circumference, Extended—at the . . . landmark †maximum protrusion of the biceps muscle . . . elbow to a right angle . . . tenses the biceps WASP: Upper Arm Circumference—maximum of the biceps muscle

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

BICEPS CIRCUMFERENCE, RELAXED

Reference: USMC

Subject stands erect, with his right arm held slightly away from the body. The circumference of the right upper arm is measured at the level of the bicops muscle, midway between the shoulder and the elbow. A steel tape is used.

N: 2008

 \overline{X} : 29.69 cm; 11.69 in SD: 2.36 cm; 0.93 in

V%: 7.98

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Relaxed

NAVY RECRUITS: Biceps Circumference, Relaxed

THAI: Upper Arm Circumference

THOUSAND AVIATORS: Biceps Resting [Circumference]

VIETNAM: Upper Arm Circumference WAC: Upper Arm Circumference

Not Equivalent:

ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference—midway between the axilia and the . . . cubital fossa

BULGARIA: Biceps Circumference Extended—at the most bulging part of the biceps

FAA: Upper-Arm Circumference — at the greatest diameter of the biceps FRANCE '65: Périmètre maximum du membre supérieur—[at the inferior insertion of the deltoid muscle]

GENEVA: Circumference of the Upper Arm [At Rest]—maximum circumference

MARTIN: Groesster Umfang des rechten Oberarms hei Streckung — [at the maximum protrusion of the biceps muscle]

MONTAGU: Maximum Circumference of the Right Arm—[maximum circumference]

NATO: Biceps Circumference, Extended—at the ... landmark †maximum protrusion of the diceps muscle ... elbow to a right angle ... tenses the biceps WASP: Upper Arm Circumference—maximum of the biceps muscle

Indeterminable:

None

See Also:

Biceps Circumfrence, Flrxed

BICEPS CONTRACTED [CIRCUMFERENCE]

Reference: THOUSAND AVIATORS

†Assessed at the midpoint of the arm between the right acromial process and olecranon† Arm horizontal and forearm flexed with the fist tightly clenched.

N: 675

X: 34.67 cm; 13.65 in

SD: 2.40 cm; 0.94 in

V%: [6.9]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Biceps Circumference, Flexed—at the greatest bulge of the flexed biceps muscle

BULGARIA: Biceps Circumference Flexed—at the most bulging part of biceps brachii

GENEVA: Circumference of the Upper Arm [Biceps Flexed] — maximum circumference . . . below the insertion of the deltoid muscle

JAPAN: Biceps Circumference (Flexed)—around the biceps muscle KOREA: Biceps Circumference (Flexed)—around the biceps muscle

MARTIN: Grocsster Umjang des rechten Oberarmes bei Beugung — [at the greatest contraction of the biceps muscle]

NATO: Biceps Circumference, Flexed—the level of maximum protrusion of the biceps muscle

NAVY RECRUITS: Biceps Circumference, Flexed—at the greatest bulge of the flexed biceps muscle

USAF '50: Biceps Circumference (Flexed)-around biceps muscle

USMC: Biceps Circumference, Flaved—at the greatest bulge of the flexed biceps muscle

USN: Biceps Circumference—Flexed—the level of maximum protrusion of the biceps muscle

WAF RECRUITS: Biceps Circumference (Flexed)—at the point of maximum bulge

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

BICEPS RESTING [CIRCUMFERENCE]

Reference: THOUSAND AVIATORS

†Assessed at the midpoint of the arm between the right acromial process and olecranon†. Arm hung loosely at side.

N: 675

 \overline{X} : 32.78 cm; 12.91 in SD: 2.37 cm; 0.93 in

V%: [7.23]

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Relaxed

NAVY RECRUITS: Biceps Circumference, Relaxed

THAI: Upper Arm Circumference USMC: Biceps Circumference, Relaxed VIETNAM: Upper Arm Circumference WAC: Upper Arm Circumference

Not Equivalent:

ARMY QM: Lower Upper Arm Circumference—one half inch above the maximum prominence of the entepic ondylar process

ARMY QM: Middle Upper Arm Circumference—midway between the axilla and the . . . cubital fossa

BULGARIA: Biceps Circumference Extended—at the most bulging part of biceps brachii

FAA: Upper-Arm Circumference — at the greatest diameter of the biceps FRANCE '65: Périmètre maximum du membre supérienr—[at the inferior insertion of the deltoid muscle]

GENEVA: Circumference of the Upper Arm [At Rest]—maximum circumference

MARTIN: Groesster Umfang des rechten Oberarms bei Streckung — [at the maximum protrusion of the biceps muscle]

MONTAGU: Maximum Circumference of the Right Arm-[maximum circumference]

NATO: Biceps Circumference, Extended—at the . . . landmark †maximum protrusion of the biceps muscle . . . elbow to a right angle . . . tenses the biceps WASP: Upper Arm Circumference—maximum of the biceps muscle

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

BICRISTAL BREADTH

Reference: BULGARIA

The distance between the two bicristale.[sic] Measured with pelvimeter.

Men Women

N: 1659 1578

X: [28.15 cm; 11.08 in] [27.97 cm; 11.01 in] Est SD: [2.05 cm; 0.81 in] [2.41 cm; 0.95 in]

Est V%: [7.29] [8.63]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension description does not specify pressure applied with the instrument.

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter HRDLICKA: Breadth of Pelvis

MARTIN: Groesste breite zwischen dem Darmbeinkaemmen

MONTAGU: Bi-Iliac or Pelvic Breadth

TUFTS: Bi-Iliac WASP: Bi-Iliac

See Also:

Bi-Spinal Diameter Bi-Tvochanteric Breadth—Bone Hip Breadth

BI-CRISTAL DIAMETER

Reference: GENEVA

tThe subject stands erect on a horizontal and resisting plane surface...no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwa, a, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal. Maximum distance between the external margins of the iliac crests. In making this measurement, the observer is to direct the arms of the sliding caliper obliquely downwards, and from before backwards.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension description does not specify pressure applied with the instrument.

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

BULGARIA: Bicristal Breadth.
COMAS: Bi-Iliac or Pelvic Breadth
HRDLIČKA: Breadth of Pelvis

MARTIN: Groesste breite zwischen dem Darmbeinkaemmen

MONTAGU: Bi-Iliac or Pelvic Breadth

TUFTS: Bi-Iliac WASP: Bi-Iliac

See Also:

Bi-Spinal Diameter Pi-Trochanteric Breadth—Bone Hip Breadth

BI-DELTOID

Reference: AAF

Arms at side, palms forward. Maximum contact dimension across deltoids (large muscles around shoulders).

Cadets

Gunners

N: 2955

300 ----- 584

Median: 45.72 cm; 18.0 in

44.90 cm; 17.7 in

SD: NDA

NDA

V%: NDA

NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Ei-Deltoid GENEVA: Bi-Humeral Diameter

TUFTS: Bi-Deltoid WASP: Bi-Deltoid

Not Equivalent:

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at the elbows and with his elbows held against the body

HOOTON: Shoulder Breadth-[Subject wore street clothing.]

INDIA: Shoulder [Width]— arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter) — arms hanging at his sides, and his forearms extended horizontally

NATO: Bideltoid Breadth (Shoulder Breadth) - arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Shoulder Breadth - taken on clothed, seated individuals

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter) — upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bideltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

Indeterminable:

In the following references, the position of arms is not specified.

Bi-Deltoid—AAF (Continued)

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoidien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-DELTOID

Reference: ARMY ARMORED

Arms at side, palms forward. Maximum contact dimension across deltoids (large muscles around shoulders).

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Bi-Deltoid

GENEVA: Bi-Humeral Diameter

TUFTS: Bi-Deltoid WASP: Bi-Deltoid

Not Equivalent:

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at the elbows and with his elbows held against the body

HOOTON: Shoulder Breadth-[Subject wore street clothing.]

INDIA: Shoulder [Width]— arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter) — arms hanging at his sides, and his forearms extended horizontally

NATO: Bideltoid Breadth (Shoulder Breadth) — arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Shonlder Breadth - taken on clothed, seated individuals

Bi-Deltoid-ARMY ARMORED (Continued)

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter) — upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bideltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoidien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-DELTOID

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead†. With anthropometer held horizontally just behind shoulder blades, measurement is taken between the most laterally projecting portions of the deltoid muscles. Contact measurement.

N: 24461

 \overline{X} : 45.59 cm; 17.95 in

SD: 2.51 cm; 0.99 in

V%: [5.5]

Similar Dimensions:

Equivalent:

None

Bi-Deltoid—ARMY QM (Continued)

Not Equivalent:

HOOTON: Shoulder Breadth—[Subject wore street clothing.] TUFTS: Shoulder Breadth—taken on clothed, seated individuals

Indeterminable:

Reference dimension description does not specify arm position.

AAF: Bi-Deltoid

ARMY '66: Shoulder Breadth (Bideltoid Breadth)

ARMY ARMORED: Bi-Deltoid

ARMY AVIATORS: Shoulder Breadth

FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoidien GENEVA: Bi-Humeral Diameter

INDIA: Shoulder [Width]

KOREA: Shoulder Breadth (Bideltoid Diameter)
NATO: Bideltoid Breadth (Shoulder Breadth)

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth)

THAI: Shoulder Breadth
TUFTS: Bi-Deltoid

USAF '50: Shoulder Breadth (Bideltoid Diameter)

USMC: Shoulder Breadth (Bideltoid Breadth)

USN: Bideltoid Diameter VIETNAM: Shoulder Breadth

WAC: Bideltoid WASP: Bi-Deltoid

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-DELTOID

Reference: TUFTS

Arms at side, palms forward. Maximum contact dimension across deltoids (large muscles around shoulders).

No Data Available

Similar Dimensions:

Equivalent:

AAF: Bi-Deltoid

Bi-Deltoid-TUFTS (Continued)

ARMY ARMORED: Bi-Deltoid GENEVA: Bi-Humeral Diameter

WASP: Bi-Deltoid

Not Equivalent:

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at the elbows and with his elbows held against the body

HOOTON: Shoulder Breadth-[Subject wore street clothing.]

INDIA: Shoulder [Width]— arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter) — arms hanging at his sides, and his forearms extended horizontally

NATO: Bideltoid Breadth (Shoulder Breadth) — arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Shoulder Breadth - taken on clothed, seated individuals

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter) — upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bideltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoïdien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biaeromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BIDELTOID

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† upper arm parallel to the body and the hands clasped in lap. Anthropometer held in rear of subject and parallel to the floor. Measurement taken as the maximum breadth across the deltoid muscles. Enough pressure applied to dent the skin.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Bi-Deltoid - Arms at side, palms forward

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at the elbows and with his elbows held against the body

ARMY ARMORED: Bi-Deltoid - Arms at side, palms forward

GENEVA. Bi-Humeral Diameter — upper limbs are pendant, the palms of the hands turned inwards

HOOTON: Shoulder Breadth—[Subject wore street clothing.]

INDIA: Shoulder [Width]— arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter) — arms hanging at his sides, and his forearms extended horizontally

NATO: Bideltoid Breadth (Shoulder Breadth) — arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body.

TUFTS: Bi-Deltoid - Arms at side, palms forward

TUFTS: Shoulder Breadth — taken on clothed, seated individuals

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter) — upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bideltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WASP: Bi-Deltoid - Arms at side, palms forward

Indeterminable:

In the following references, the position of arms is not specified.

Bideltoid-WAC (Continued)

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoïdien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-DELTOID

Reference: WASP

Arms at side, palms forward. Maximum contact dimension across deltoids (large muscles around shoulders).

Women Pilots	Flying Nurses
N: 447	152
\overline{X} : 40.89 cm; 16.1 in	39.76 cm; 15.7 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Bi-Deltoid

ARMY ARMORED: Bi-Deltoid GENEVA: Bi-Humeral Diameter

TUFTS: Bi-Deltoid

Not Equivalent:

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at 'ne elbows and with his elbows held against the body

HOOTON: Shoulder Breadth—[Subject wore street clothing.]

INDIA: Shoulder [Width]— arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter)—arms hanging at his sides, and his forearms extended horizontally

Bi-Deltoid-WASP (Continued)

NATO: Bideltvid Breadth (Shoulder Breadth) — arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Shoulder Breadth - taken on clothed, seated individuals

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter) — upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bidvltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoidien

THAI: Shoulder Breadth
VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BIDELTOID BREADTH (SHOULDER BREADTH)

Reference: NATO

Subject sits erect, his upper arms hanging at his sides, and his lower arms extended forward horizontally. Using the anthropometer, measure the horizontal distance across the maximum lateral protrusions of the right and left deltoid muscles.

	Turkey	Greece	Italy
N.	915	1084	1358
\tilde{X} :	45.10 cm; 17.76 in	44.69 cm; 17.59 in	46.21 cm; 18.19 in
SD:	2.31 cm; 0.91 in	2.25 cm; 0.89 in	2.18 cm; 0.86 in
V%:	5.12	5.02	4.72

Bideltoid Breadth (Shoulder Breadth) -NATO (Continued)

Similar Dimensions:

Equivalent:

KOREA: Shoulder Breadth (Bideltoid Diameter)
USAF '50: Shoulder Breadth (Bi-Deltoid Diameter)

USN: Bideltoid Diameter

Not Equivalent:

AAF: Bi-Deltoid - Arms at side, palms forward

ARMY '66: Shoulder Breadth (Bideltoid Breadth)-arms bent to form right

angles at the elbows and with his elbows held against the body ARMY ARMORED: Bi-Deltoid—Arms at side, palms forward

GENEVA: Bi-Humeral Diameter — upper limbs are pendant, the palms of the hands turned inwards

HOOTON: Shoulder Breadth-[Subject wore street clothing.]

INDIA: Shoulder [Width] -- arm touching against the side of the body and the fore-arm at right angle

NAV I RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Bi-Deltoid - Arms at side, palms forward

TUFTS: Shoulder Breadth - taken on clothed, seated individuals

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the clows and with his clows held against the body

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

WASP: Bi-Deltoid - Arms at side, palms forward

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoïdien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BIDELTOID DIAMETER

Reference: USN

Subject sits erect, his upper arms hanging at his sides, and his lower arms extended forward horizontally. Using the anthropometer, measure the horizontal distance across the maximum lateral protrusion of the right and left deltoid muscles.

N: 1549

 \overline{X} : 47.70 cm; 18.78 in SD: 2.30 cm; 0.91 in

V%: 4.83

Similar Dimensions:

Equivalent:

KOREA: Shoulder Breadth (Bideltoid Diameter)
NATO: Bideltoid Breadth (Shoulder Breadth)
USAF '50: Shoulder Breadth (Bi-Deltoid Diameter)

Not Equivalent:

AAF: Bi-Deltoid --- Arms at side, palms forward

ARMY '66: Shoulder Breadth (Bideltoid Breadth)—arms bent to form right angles at the elbows and with his elbows held against the body

ARMY ARMORED: Bi-Deltoid - Arms at side, palms forward

GENEVA: Bi-Humeral Diameter — upper limbs are pendant, the palms of the hands turned inwards

HOOTON: Shoulder Breadth-[Subject wore street clothing.]

INDIA: Shoulder [Width] - arm touching agains' the side of the body and the fore-arm at right angle

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Bi-Deltoid --- Arms at side, palms forward

TUFTS: Shoulder Breadth - taken on clothed, seated individuals

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

WAC: Bideltoid - upper arm parallel to the body and the hands clasped in lap

WASP: Bi-Deltoid - Arms at side, palms forward

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

Bideltoid Diameter-USN (Continued)

FRANCE '65: Diametre bideltoidien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Bincromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-EPICONDYLAR, ELBOWS

Reference: AAF

Humeri vertical; arms pushed medially until they touch trunk wall. Hands on sides of thighs, knees together and right-angled, trunk crect. Distance between lateral epicondyles of humeri (outer projections of elbows).

to the state of th	
Cadets	Gunners
N: 2955	584

Median: 42.40 cm; 16.7 in 41.61 cm; 16.4 in

SD: NDA NDA NDA NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Bi-Epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth
NATO: Elbow-to-Elbow Breadth
USAF '50: Elbow-to-Elbow Breadth
US ADULTS: Elbow-to-Elbow Breadth

WASP: Bi-Epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

Bi-Epicondylar, Elbows-AAF (Continued)

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm - Forearm Breadth

BI-EPICONDYLAR. ELBOWS

Reference: ARMY ARMORED

Humeri vertical; arms pushed medially until they touch trunk wall. Hands on sides of thighs, knees together and right-angled, trunk erect. Distance between lateral epicondyles of humeri (outer projections of elbows).

Reference cites AAF data for the dimension.

Similar Dimensions:

Equivalent:

AAF: Bi-Epicondylar, Elbows ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth US ADULTS: Elbow-to-Elbow Breadth WASP: Bi-Epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Positior of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm - Forearm Breadth

BI-EPICONDYLAR, ELBOWS

Reference: WASP

Humeri vertical; arms pushed medially until they touch trunk wall. Hands on sides of thighs, knees together and right-angled, trunk erect. Distance between lateral epicondyles of humeri (outer projections of elbows).

Women Pilots

Flying Nurses

N.	445	152
$\overline{\mathbf{X}}$:	38.43 cm; 15.1 in	37.86 cm; 14.9 in
SD:	NDA	NDA
V%:	NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Bi-Epicondylar, Elhows

ARMY ARMORED: Bi-Epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth US ADULTS: Elbow-to-Elbow Breadth

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm - Forearm Breadth

BI-EPICONDYLAR, FEMORAL

Reference: AAF

Knees at right angles, feet together, medial epicondyles of femora in firm apposition. Distance between lateral epicondyles (lateral projections of knees).

Bi-Epicondylar, Femoral-AAF (Continued)

Cadets

Gunners

N: 2955

Median: 19.62 cm; 7.7 in

19.28 cm; 7.6 in

SD: NDA

NDA

581

V%: NDA

NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Bi-Epicondylar, Femoral

Not Equivalent:

KOREA: Knee-to-Knee Breadth - knees touching lightly

NATO: Knee-to-Knee Breadth, Sitting - knees touching lightly

USAF '50: Knee-to-Knee Breadth - knees touching lightly

Indeterminable:

None

See Also:

Maximum Knee Spread (Sitting)

BI-EPICONDYLAR, FEMORAL

Reference: ARMY ARMORED

Kines at right angles, feet together, medial epicondyles of femora in firm apposition. Distance between lateral epicondyles (lateral projections of knees).

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Bi-Epicondylar, Femoral

Not Equivalent:

KOREA: Knee-to-Knee Breadth - knees touching lightly

NATO: Knee-to-Knee Breadth, Sitting - knees touching lightly

Bi-Epicondylar, Femoral—ARMY ARMORED (Continued)

USAF '50: Knee-to-Knee Breadth - knees touching lightly

Indeterminable:

None

See Also:

Maximum Knee Spread (Sitting)

BIGONIAL

Reference: ARMY QM

The maximum breadth in the horizontal plane between the most lateral points of the total gonial angles †the point of intersection of the posterior border of the ascending ramus of the jaw with the inferior border of the body of the jaw†, gonion. Light contact.

N: 24432

 \overline{X} : 10.76 cm; 4.24 in

SD: 0.60 cm; 0.24 in

V%: [5.58]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

HRDLICKA: Bigonial Diameter - sufficient pressure to feel . . . bone

JAPAN: Biogonial Diameter — firm contact KOREA: Bigonial Diameter — firm contact NATO: Bigonial Diameter — firm contact USAF '50: Bigonial Diameter—firm contact USN: Bigonial Diameter — firm contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite

Bigonial-ARMY QM (Continued)

MONACO: Diamètre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL BREADTH

Reference: MONTAGU

(Spreading Caliper). The distance between the gonial points the most lateral point upon the postero-inferior angle (formed by the rangus and the body) of the mandiblet.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify pressure.

ARMY QM: Bigonial

FRANCE '65: Largeur bigoniale HRDLICKA: Bigonial Diameter JAPAN: Bigonial Diameter KOREA: Bigonial Diameter MONACO: Diametre bigoniaque NATO: Bigonial Diameter NORWAY: Bigonial Breadth USAF '50: Bigonial Diameter USN: Bigonial Diameter

BIGONIAL BREADTH

Reference: NORWAY

The outside breadth of the lower jaw at its hinder angles. Gonion is the most later-

Bigonial Breadth—NORWAY (Continued)

ally projecting point on the outside of the angle of the jaw projecting most downward, backward and outward.

N: 5765 X: 10.66 cm; 4.20 in SD: 0.53 cm; 0.21 in

V%: 4.94

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify pressure.

ARMY QM: Bigonial

FRANCE '65: Largeur bigoniale HRDLIČKA: Bigonial Dio:neter JAPAN: Bigonial Diameter KOREA: Bigonial Diorne' ~ MONACO: Diamètre bigoniaç "e MONTAGU: Bigonial Breadth NATO: Bigonial Diameter

USAF '50: Bigonial Diameter USN: Bigonial Diameter

BIGONIAL DIAMETER

Reference: HRDLIČKA

The distance on the lower face between the most widely separated external points on the bony angles of the lower jaw twith sufficient pressure to feel the resistance of the bonet.

Bigonial Diameter-HRDLICKA (Continued)

Similar Dimensions:

Equivalent:

JAPAN: Bigonial Diameter KOREA: Bigonial Diameter NATO: Bigonial Diameter USAF '50: Bigonial Diameter USN: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonial-Light contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diamètre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL DIAMETER

Reference: JAPAN

Holding the spreading caliper near its tips and using firm contact, measure the maximum horizontal width of the jaw across the gonial angles the angle at the back of the lower jaw formed by the intersection of the vertical portion with the lower edge of the horizontal portion of the jawt.

N: 238 X: 11.80 cm; 4.65 in SD: 0.76 cm; 0.30 in V%: 6.40

Similar Dimensions:

Equivalent:

HRDLIČKA: Bigonial Diameter KOREA: Bigonial Diameter NATO: Bigonial Diameter

Bigonial Diameter-JAPAN (Continued)

USAF '50: Bigonial Diameter USN: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonial - Light contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Lar jeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diam'stre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL DIAMETER

Reference: KOREA

Holding the spreading caliper near its tips and using firm contact, measure the maximum horizontal width of the jaw across the gonial angles the angle at the back of the lower jaw formed by the intersection of the vertical portion with the lower edge of the horizontal portion of the jawt.

N: 264

 \overline{X} : 12.97 cm; 5.11 in SD: 0.69 cm; 0.27 in

V%: 5.37

Similar Dimensions:

Equivalent:

HRDLIČKA: Bigonial Diameter JAPAN: Bigonial Diameter NATO: Bigonial Diameter USAF '50: Bigonial Diameter USN: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonial - Light contact

Bigonial Diameter—KOREA (Continued)

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diamètre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL DIAMETER

Reference: NATO

Subject sits. Holding the spreading caliper near the tips and using firm contact, measure the maximum horizontal width of the jaw across the gonial angles the obtuse angle at the back of the lower jaw formed by the intersection of the vertical and horizontal portions of the jawt.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	11.36 cm; 4.47 in	11.24 cm; 4.43 in	11.19 cm; 4.41 in
SD:	0.66 cm; 0.26 in	0.57 cm; 0.23 in	0.60 cm; 0.24 in
V%:	5.78	5.10	5.32

Similar Dimensions:

Equivalent:

HRDLIČKA: Bigonial Diameter JAPAN: Bigonial Diameter KOREA: Bigonial Diameter USAF '50: Bigonial Diameter USN: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonial - Light contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diamètre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL DIAMETER

Reference: USAF '50

Holding the spreading cali, er near its tips and using firm contact, measure the maximum horizontal width of the jaw across the gonial angles the angle at the back of the lower jaw formed by the intersection of the vertical portion with the lower edge of the horizontal portion of the jawt.

 $\frac{N}{X}$: 4060 $\frac{10.85}{10.85}$ cm; 4.27 in SD: 0.56 cm; 0.22 in

V%: 5.11

Similar Dimensions:

Equivalent:

HRDLICKA: Bigonial Diameter JAPAN: Bigonial Diameter KOREA: Bigonial Diameter NATO: Bigonial Diameter USN: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonia! - Light contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diamètre bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BIGONIAL DIAMETER

Reference: USN

Subject sits. Holding the spreading caliper near the tips and using firm contact, measure the maximum horizontal width of the jaw across the gonial angles ithe obtuse angle at the back of the lower jaw formed by the intersection of the vertical and horizontal portions of the jawt.

N: 1549

X: 11.91 cm; 4.69 in

Bigonial Diameter-USN (Continued)

SD: 0.85 cm; 0.34 in

V%: 7.16

Similar Dimensions:

Equivalent:

HRDLICKA: Bigonial Diameter JAPAN: Bigonial Diameter KOREA: Bigonial Diameter NATO: Bigonial Diameter USAF '50: Bigonial Diameter

Not Equivalent:

ARMY QM: Bigonial - Light contact

Indeterminable:

In the following references, pressure is not specified.

FRANCE '65: Largeur bigoniale MARTIN: Unterkieferwinkelbreite MONACO: Diamèire bigoniaque MONTAGU: Bigonial Breadth NORWAY: Bigonial Breadth

BI-HUMERAL DIAMETER

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface ...: no support is to be given by a vertical plane; the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal† Maximum distance between the two prominences formed by the deltoid muscles. Secondary measurement.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Bi-Deltoid

Bi-Humeral Diameter-GENEVA (Continued)

ARMY ARMORED: Bi-Deltoid

TUFTS: Bi-Deltoid WASP: Bi-Deltoid

Not Equivalent:

AAF: Bi-Deltoid - Arms at side, palms forward

ARMY '66: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

ARMY ARMORED: Bi-Deltoid — Arms at side, palms forward HOGTON: Shoulder Breadth — [Subject wore street clothing.]

INDIA: Shoulder [Width] — Arm touching against the side of the body and the fore-arm at right angle

KOREA: Shoulder Breadth (Bideltoid Diameter)—arms hanging at his sides, and his forearms extended horizontally

NATO: Bideltoid Breadth (Shoulder Breadth) — arms hanging at his sides, and his lower arms extended forward

NAVY RECRUITS: Shoulder Breadth (Bidvltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

TUFTS: Bi-Deltoid - Arms at side, palms forward

TUFTS: Shoulder Breadth - Taken on elothed, seated individuals

USAF: '50: Shoulder Breadth (Bi-Deltoid Diameter)—upper arms hanging at his sides, and his forearms extended horizontally

USMC: Shoulder Breadth (Bideltoid Breadth) — arms bent to form right angles at the elbows and with his elbows held against the body

USN: Bideltoid Diameter — upper arms hanging at his sides, and his lower arms extended forward horizontally

WAC: Bideltoid — upper arm parallel to the body and the hands clasped in lap. WASP: Bi-Deltoid — Arms at side, palms forward

Indeterminable:

In the following references, the position of arms is not specified.

ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

FRANCE '65: Diamètre bideltoidien

THAI: Shoulder Breadth VIETNAM: Shoulder Breadth

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

BI-ILIAC

Reference: AAF

A firm pressure dimension, maximum iliac brim (across hip bones). Heels together.

Cadets	Gunners	
N: 2956	584	
dian: 28.89 cm; 11.4 in	28.60 cm; 11.3 in	
SD: NDA	NDA	
V%: NDA	NDA	

Similar Dimensions:

Equivalent:

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

N: Median: SD:

HRDLIČKA: Breadth of Pelvis

TUFTS: Bi-Iliac WASP: Bi-Iliac

Not Equivalent:

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen - [with slight

pressure]

THOUSAND AVIATORS: Bi-Iliac Diameter - to the anterior superior iliac

WAC: Bi-Iliac - between the two supra-spinales the most anterior point on the auterior, superior iliac spine

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter MONTAGU: Bi-Iliac or Pelvic Breadth

See Also:

Bi-Spinal Diameter Bi-Trochauteric Breadth - Bone Hip Breadth

BI-ILIAC

Reference: ARMY ARMORED

A firm pressure dimension, maximum iliac brim (across hip-bones). Heels together. Reference cites AAF data for this dimension.

Bi-Il:ac-ARMY ARMORED (Continued)

Similar Dimensions:

Equivalent:

AAF: Bi-Iliac ARMY QM: Bi-Iliac

HRDLICKA: Breadth of Pelvis

TUFTS: Bi-Iliac WASP: Bi-Iliac

Not Equivalent:

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen - [with slight

pressure]

THOUSAND AVIATORS: Bi-Iliac Diameter - to the anterior superior iliac

spine

WAC: Bi-Iliac - between the two supra-spinales the most anterior point on the anterior, superior iliac spine

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter MONTAGU: Bi-Iliac or Pelvic Breadth

See Aiso:

Bi-Spinal Diameter Bi-Trochanteric Breadth — Bone Hip Breadth

BI-ILIAC

Reference: ARMY QM

†Subject stands er. A, with heels together and eyes straight aheadt. Measurement is taken as the horizontal diameter between the left and right cristale †the most lateral point on the superior border of the iliac crest†. Pressure.

N: 24518

X: 29.10 cm; 11.46 in

Bi-Iliac-ARMY QM (Continued)

SD: 2.02 cm; 0.79 in

V%: [6.94]

Similar Dimensions:

Equivalent:

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac HRDLICKA: Breadth of Pelvis

TUFTS: Bi-Iliac WASP: Bi-Iliac

Not Equivalent:

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen - [with slight

pressure]

THOUSAND AVIATORS: Bi-Iliac Diameter - to the anterior superior iliac

spine

WAC: Bi-Iliac — between the two supra-spinales †the most anterior point on the anterior, superior iliac spine

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter

MONTAGU: Bi-Iliac or Pelvic Breadth

See Also:

Bi-Spinal Diameter Bi-Trochanteric Breadth — Bone Hip Breadth

BI-ILIAC OR PELVIC BREADTH

Reference: COMAS

†With subject in standing position†. From iliocristale †the most laterally projecting point of the crest of the ilium† to iliocristale (sliding caliper).

Bi-lliac or Pelvic Breadth—COMAS (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

THOUSAND AVIATORS: Bi-Iliac Diameter — to the anterior superior iliac spine

WAC: Bi-Iliac — between the two supra-spinales †the most anterior point on the anterior, superior iliac spine

Indeterminable:

The reference dimension description does not specify pressure applied with the instrument.

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

BULGARIA: Bicristal Breadth GENEVA: Bi-Cristal Diameter HRDLICKA: Breadth of Pelvis

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen

MONTAGU: Bi-Iliac or Pelvic Breadth

TUFTS: Bi-Iliac WASP: Bi-Iliac

See Also:

Bi-Spinal Diameter
Bi-Trochanteric Breadth — Bone
Hip Breadth

BI-ILIAC OR PELVIC BREADTH

Reference: MONTAGU

(Anthropometer used as a sliding compass). From iliocristale, the most lateral point on the crest of the ilium to iliocristale.

Bi-Iliac or Pelvic Breadth-MUNTAGU (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

THOUSAND AVIATORS: Bi-Iliac Diameter — to the anterior superior iliac spine

WAC: Bi-Iliac — between the two supra-spinales †the most anterior point on the anterior, superior iliac spine

Indeterminable:

The reference dimension description does not specify pressure applied with the instrument.

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter HRDLIČKA: Breadth of Pelvis

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen

TUFTS: Bi-Iliac WASP: Ei-Iliac

See Also:

Bi-Spinal Diameter
Bi-Trochanteric Breadth — Bone
Hip Breadth

BI-ILIAC

Reference: TUFTS

A firm pressure dimension, maximum iliac brim (across hip bones). Heels together \dagger standing \dagger .

Bi-Iliac-TUFTS (Continued)

Similar Dimensions:

Equivalent:

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

HRDLICKA: Breadth of Pelvis

WASP: Bi-Iliac

Not Equivalent:

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen - [with slight

pressure]

THOUSAND AVIATORS: Bi-Iliac Diameter - to the anterior superior iliac

spine

WAC: Bi-Iliac - between the two supra-spinales †the most anterior point on

the anterior, superior iliac spine

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter

MONTAGU: Bi-Iliac or Pelvic Breadth

See Also:

Bi-Spinal Diameter
Bi-Trochanteric Breadth — Bone
Hip Breadth

BI-ILIAC

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† Anthropometer held in front of subject and parallel to the floor. Subject asked to place her fingers on the anterior superior iliac spines. Using these as guides the measurement was taken between the two supra-spinales †the most anterior point on the anterior, superior iliac spine†.

Bi-lliac--WAC (Continued)

Similar Dimensions:

Equivalent:

GENEVA: Bi-Spinal Diameter

MARTIN: Breite zwischen den vorderen oberen Darmbeinstacheln

THOUSAND AVIATORS: Bi-Iliac Diameter

Not Equivalent:

AAF: Bi-Iliac - maximum iliac brim

ARMY ARMORED: Bi-Iliac — maximum iliac brim ARMY QM: Bi-Iliac — between the left and right cristale

COMAS: Bi-Iliac or Pelvic Breadth — From iliocristale . . . to iliocristale MONTAGU: Bi-Iliac or Pelvic Breadth — From iliocristale . . . to iliocristale

TUFTS: Bi-Iliac — maximum iliac brim WASP: Bi-Iliac — maximum iliac brim

Indeterminable:

None

See Also:

Bi-Trochanteric Breadth — Bone Breadth of Pelvis Hip Breadth

BI-ILIAC

Reference: WASP

A firm pressure dimension, maximum iliac brim (across hip bones). Heels together.

Women Pilots	Flying Nurses
N: 447	152
\overline{X} : 27.95 cm; 11.0 in	28.36 cm; 11.2 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Bi-Iliac

Bi-Iliac-WASP (Continued)

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac

HRDLICKA: Breadth of Pelvis

TUFTS: Bi-Iliac

Not Equivalent:

MARTIN: Grocsste Breite zwischen dem Darmbeinkacmmen - [with slight

pressure]

THOUSAND AVIATORS: Bi-Iliac Diameter - to the anterior superior iliac

spine

WAC: Bi-Iliac - between the two supra-spinales †the most anterior point on

the anterior, superior iliac spine

Indeterminable:

In the following references, pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter

MONTAGU: Bi-Iliac or Pclvic Breadth

See Also:

Bi-Spinal Diameter Bi-Trochanteric Breadth — Bonc Hip Breadth

BI-ILIAC DIAMETER

Reference: THOUSAND AVIATORS

†Diameters were measured with an anthropometer to the nearest millimeter with firm pressure on bony prominences.† This measurement was made just inferior to the anterior superior iliac spine in the horizontal plane, with the legs together.

N: 675

X: 29.11 cm; 11.46 in

SD: 1.77 cm; 0.70 in

V%: [6.08]

Bi-Iliac Diameter-THOUSAND AVIATORS (Continued)

Similar Dimensions:

Equivalent:

GENEVA: Bi-Spinal Diameter

MARTIN: Breite zwischen den vorderen oberen Darmbeinstacheln

WAC: Bi-Iliac

Not Equivalent:

AAF: Bi-Iliac - maximum iliac brim

ARMY ARMORED: Bi-Iliac — maximum iliac brim ARMY QM: Bi-Iliac — between the left and right cristale

COMAS: Bi-Iliac or Pelvic Breadth — From iliocristale . . . to iliocristale MONTAGU: Bi-Iliac or Pelvic Breadth — From iliocristale . . . to iliocristale

TUFTS: Bi-Iliac — maximum iliac brim WASP: Bi-Iliac — maximum iliac brim

Indeterminable:

None

See Aiso:

Bi-Trochanteric Breadth — Bone Breadth of Pelvis Hip Breadth

BIMALLEOLAR BREADTH

Reference: KOREA

Subject stands, his legs slightly apart, and his weight equally distributed on both feet. Holding the bar of the sliding caliper perpendicular to the long axis of the foot, measure horizontally across the maximum protrusions of the medial and lateral ankle bones of the right foot.

N: 264

 \overline{X} : 7.47 cm; 2.94 in SD: 0.41 cm; 0.16 in

V%: 5.48

Similar Dimensions:

Equivalent:

NATO: Bimalleolar Breadth USAF '50: Bimalleolar Breadth

Bimalleolar Breadth-KOREA (Continued)

Not Equivalent:

THOUSAND AVIATORS: Ankle Diameter - with firm pressure

Indeterminable:

None

BIMALLEOLAR BREADTH

Reference: NATO

Subject stands, his legs slightly apart, and his weight equally distributed on both feet. Holding the anthropometer shaft perpendicular to the long axis of the foot, measure horizontally across the maximum protrusions of the medial and lateral ankle bones of the right foot.

	Turkey	Greece	Italy
N:	915	1084	1358
$\bar{\mathbf{X}}$:	7.55 cm; 2.97 in	7.47 cm; 2.94 in	7.48 cm; 2.94 in
SD:	0.42 cm; 0.17 in	0.36 cm; 0.14 in	0.39 cm; 0.15 in
V%:	5.50	4.82	5.15

Similar Dimensions:

Equivalent:

KOPEA: Bimalleolar Breadth USAF '50: Bimalleolar Breadth

Not Equivalent:

THOUSAND AVIATORS: Ankle Diameter - with firm pressure

Indeterminable:

None

BIMALLEOLAR BREADTH

Reference: USAF '50

Subject stands, his legs slightly apart, and his weight equally distributed on both feet. Holding bar of the sliding caliper perpendicular to the long axis of the foot,

Bimalleolar Breadth--USAF '50 (Continued)

measure horizontally across the maximum protrusions of the medial and lateral ankle bones of the right foot.

N: 4063

 \overline{X} : 7.49 cm; 2.95 in SD: 0.38 cm; 0.15 in

V%: 5.10

Similar Dimensions:

Equivalent:

KOREA: Bimalleolar Breadth NATO: Bimalleolar Breadth

Not Equivalent:

THOUSAND AVIATORS: Ankle Diameter - with firm pressure

Indeterminable:

None

BI-MAMMILLARY DIAMETER

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface ...: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downward, the heels in contact, and the axis of vision horizontal† Distance between the two nipple-points. †This measurement is not applicable to women with pendant breasts†

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Breite zwischen den Brustwarzen

WAF RECRUITS: Internipple

WAC: Nipple - Nipple

Bi-Mammillary Diameter—GENEVA (Continued)

Not Equivalent:

None

Indeterminable:

None

BIOCULAR

Reference: ARMY QM

Transverse diameter between right and left outer canthi †The point at the lateral angle of the eye where the eyelids join the skin of the facet.

N: 24361

 \overline{X} : 9.22 cm; 3.63 in SD: 0.51 cm; 0.20 in

V%: [5.6]

Similar Dimensions:

Equivalent:

KOREA: Biocular Diameter

MONACO: Largeur bipalpébrale externe MONTAGU: Extra-Canthic Diameter

NATO: Biocular Diameter USAF '50: Biocular Diameter USN: Biocular Diameter

WAC: Biocular

Not Equivalent:

None

Indeterminable:

None

BIOCULAR

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† and asked to look toward ceil-

Biocular-WAC (Continued)

ing. Measurement taken from left to right outer canthus †That point on the outer corner of the eye where the upper and lower lids meet and just lateral to the mucus membrane†.

N: 8438

 \overline{X} : 9.02 cm; 3.55 in SD: 0.46 cm; 0.18 in

V%: [5.1]

Similar Dimensions:

Equivalent:

ARMY QM: Biocular

KOREA: Biocular Diameter

MONACO: Largeur bipalpébrale externe MONTAGU: Extra-Canthic Diameter

NATO: Biocular Diameter USAF '50: Biocular Diameter USN: Biocular Diameter

Not Equivalent:

None

Indeterminable:

None

BIOCULAR DIAMETER

Reference: KOREA

With the bar of the sliding caliper resting lightly on the subject's face, measure the distance between the outer corners of the eyes (external canthi).

N: 264

 \overline{X} : 9.68 cm; 3.81 in

SD: 0.47 cm; 0.18 in

V%: 4.85

Similar Dimensions:

Equivalent:

ARMY QM: Biocular

Biocular Diameter-KOREA (Continued)

MONACO: Largeur bipalpébrale externe MONTAGU: Extra-Canthic Diameter

NATO: Biocular Diameter USAF '50: Biocular Diameter USN: Biocular Diameter

WAC: Biocular

Not Equivalent:

None

Indeterminable:

None

BIOCULAR DIAMETER

Reference: NATO

Subject sits. With the bar of the sliding caliper resting lightly on the subject's face, measure the distance between the outer corners of the eyes (external canthi).

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	9.15 cm; 3.60 in	9.05 cm; 3.56 in	9.10 cm; 3.58 in
SD:	0.40 cm; 0.16 in	0.39 cm; 0.15 in	0.39 cm; 0.15 in
V%:	4.34	4.36	4.25

Similar Dimensions:

Equivalent:

ARMY QM: Biocular

KOREA: Biocular Diameter

MONACO: Largeur bipalpébrale externe MONTAGU: Extra-Canthic Diameter

USAF '50: Biocular Diameter USN: Biocular Diameter

WAC: Biocular

Not Equivalent:

None

Indeterminable:

None

BIOCULAR DIAMETER

Reference: USAF '50

With the bar of the sliding caliper resting lightly on the subject's face, measure the distance between the outer corners of the eyes (external canthi).

N: 4061

 \overline{X} : 9.59 cm; 3.78 in SD: 0.44 cm; 0.17 in

V%: 4.61

Similar Dimensions:

Equivalent:

ARMY QM: Biocular

KOREA: Bir vlar Diameter

MONACO: Les yeur bipalpébrale externe MONTAG: Extra-Canthic Diameter

NATO: Biocular Diameter USN: Biocular Diameter

WAC: Biocular

Not Equivalent:

None

Indeterminable:

None

DIOCULAR DIAMETER

Reference: USN

Subject sits. With the bar of the sliding caliper resting lightly on the subject's face, measure the distance between the outer corners of the eyes (external canthi).

N: 1549

X: 9.43 cm; 3.71 in

SD: 0.41 cm; 0.16 in

V%: 4.30

Biocular Diameter-USN (Continued)

Similar Dimensions:

Equivalent:

ARMY GM: Biocular

KOREA: Biocular Diameter

MONACO: Largeur bipalpébrale externe MONTAGU: Extra-Canthic Diameter

NATO: Biocular Diameter USAF '50: Biocular Diameter

WAC: Biocular

Not Equivalent:

None

Indeterminable:

None

BI-SPINAL DIAMETER

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .:no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal‡ Measured between the 2 anterior superior iliac spines.

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Breite zwischen den vorderen oberen Darmbeinstacheln

THOUSAND AVIATORS: Bi-Iliac Diameter

WAC: Bi-Iliac

Not Equivalent:

None

Bi-Spinal Diameter—GENEVA (Continued)

Indeterminable:

None

See Also:

Bi-Trochanteric Breadth — Bone Breadth of Pelvis Hip Breadth

BI-TRAGION

Reference: TUFTS

Distance between the two tragia (tragion is defined as the point where the tragus of the ear terminates superiorly, i.e., the superior corner, toward the head, of the main excavation (concha) of the external ear). Contact only, no pressure.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION BREADTH

Reference ARMY '66

Subject sits erect, with head level. The horizontal breadth of the head is measured from the right tragion (the cartrilaginous notch at the front of the right ear) to the corresponding tragion of the left ear. Spreading calipers are used.

N: 6682

 \overline{X} : 13.48 cm; 5.31 in SD: 0.55 cm; 0.22 in

V%: 4.18

Similar Dimensions:

Equivalent:

FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION BREADTH

Reference: NAVY RECRUITS

Subject sits erect, with head level. The horizontal breadth of the head is measured from the right tragion (the cartilaginous notch at the front of the right ear) to the corresponding tragion of the left ear. Spreading calipers are used.

N: 4095

 \overline{X} : 13.38 cm; 5.27 in SD: 0.53 cm; 0.21 in

V%: 3.94

Bitragion Breadth-NAVY RECRUITS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION BREADTH

Reference: USMC

Subject sits erect, with head level. The horizontal breadth of the head is measured from the right tragion (the cartilaginous notch at the front of the right ear) to the corresponding tragion of the left ear. Spreading calipers are used.

N: 2008

 \overline{X} : 13.46 cm; 5.30 in SD: 0.55 cm; 0.22 in

V%: 4.09

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

Bitragion Breadth-USMC (Continued)

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CORONAL ARC

Reference: ARMY AVIATORS

The distance over the top of the head from the notch (tragion) just forward of the upper edge of the right car hole to the corresponding notch of the left ear.

 $\frac{N:}{X}$: 500 $\frac{500}{X}$: 35.34 cm; 13.91 in SD: 1.15 cm; 0.45 in

V%: [3.25]

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus coronal

KOREA: Bitragion-Coronal Arc MARTIN: Transversaler Kopfbogen

NATO: Bitragion-Coronal Arc USAF '50: Bitragion-Coronal Arc USN: Bitragion-Coronal Arc WAF RECRUITS: Coronal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CORONAL ARC

Ruference: KOREA

Subject sits looking directly forward (head oriented in the Frankfort plane). With the tape passing over the top of the head, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear nole to the corresponding notch in the left ear.

N: 204

 \overline{X} : 38.28 cm; 15.07 in

SD: 2.49 cm; 0.98 in

V%: 6.49

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Coronal Arc FRANCE '65: Language de l'arc bitragus coronal

MARTIN: Transversoler Kopfbogen NATO: Bitragion-Coronal Arc USAF '50: Bitragion-Coronal Arc USN: Bitragion-Coronal Arc WAF RECRUITS: Coronal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CORONAL ARC

Reference: NATO

Subject sits. With the tape passing over the top of the head, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

	Turkey	Gr <mark>e</mark> ece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	35.63 cm; 14.03 in	35.85 cm; 14.11 in	35.56 cm; 14.00 in
SD:	1.30 cm; 0.51 in	1.28 cm; 0.50 in	1.26 cm; 0.50 in
V%:	3.65	3.57	3.53

Bitragion-Coronal Arc-NATO (Continued)

ARMY AVIATORS: Bitragion-Coronal Arc FRANCE '65: Longueur de l'arc bitragus coronal

KOREA: Bitragion-Coronal Arc
MARTIN: Transversaler Kopfbogen
USAF '50: Bitragion-Coronal Arc
USN: Bitragion-Coronal Arc
WAF RECRUITS: Coronal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CORONAL ARC

Reference: USAF '50

Subject sits looking directly forward (head oriented in the Frankfort plane). With the tape passing over the top of the head, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4059

 \overline{X} : 35.14 cm; 13.83 in SD: 1.29 cm; 0.51 in

V%: 3.67

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Coronal Arc FRANCE '65: Longueur de l'arc bitragus coronal

KOREA: Bitragion-Coronal Arc MARTIN: Transversaler Kopfbogen NATO: Bitragion-Coronal Arc

USN: Bitragion-Coronal Arc WAF RECRUITS: Coronal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CORONAL ARC

Reference: USN

Subject sits. With the tape passing over the top of the head, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

N: 1549

 \overline{X} : 35.52 cm; 13.98 in SD: 1.32 cm; 0.52 in

V%: 3.72

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Coronal Arc FRANCE '65: Longueur de l'arc bitragus coronal

KOREA: Bitragion-Coronal Arc MARTIN: Transversaler Kopfbogen

NATO: Bitragion-Coronal Arc USAF '50: Bitragion-Coronal Arc WAF RECRUITS: Coronal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CRINION ARC

Reference: KOREA

Subject sits. With the tape passing over the midpoint of the hairline, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 33.94 cm; 13.36 in SD: 1.85 cm; 0.73 in

V%: 5.44

Bitragion-Crinion Arc-KOREA (Continued)

Similar Dimensions:

Equivalent:

USAF '50: Bitragion-Crinion Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-CRINION ARC

Reference: USAF '50

Subject sits. With the tape passing over the midpoint of the hairline, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 3688

 \overline{X} : 33.28 cm; 13.10 in SD: 1.35 cm; 0.53 in

V%: 4.06

Similar Dimensions:

Equivalent:

KOREA: Bitragion-Crinion Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION DIAMETER

Reference: JAPAN

Holding the spreading caliper near its tips, measure the diameter from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 221

 \overline{X} : 14.21 cm; 5.60 in SD: 0.65 cm; 0.26 in

V%: 4.60

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitrayion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION D'AMETER

Reference: KOREA

Holding the spreading caliper near its tips, measure the diameter from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 15.98 cm; 6.29 in SD: 0.54 cm; 0.21 in V%: 15.98 [Sic] [3.38]

Bitragion Diameter-KOREA (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION DIAMETER

Reference: NATO

Subject sits. Holding the spreading caliper near the tips, measure the diameter from right tragion, the cartilaginous notch just forward of the upper edge of right ear hole, to the corresponding tragion of the left ear.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	14.50 cm; 5.71 in	14.48 cm; 5.70 in	14.51 cm; 5.71 in
SD:	0.56 cm; 0.22 in	0.53 cm; 0.21 in	0.51 cm; 0.20 in
V%:	3.84	3.69	3.54

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter

Bitragion Diameter-NATO (Continued)

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION DIAMETER

Reference: USAF '50

Holding the spreading caliper near its tips, measure the diameter from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4060

 \overline{X} : 14.22 cm; 5.60 in SD: 0.53 cm; 0.21 in

V%: 3.62

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion USMC: Bitragion Breadth USN: Bitragion Diameter

Not Equivalent:

None

Indeterminable:

None

BITRAGION DIAMETER

Reference: USN

Subject sits. Holding the spreading caliper near the tips, measure the diameter from the right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

N: 1549

 \overline{X} : 13.99 cm; 5.51 in SD: 0.52 cm; 0.21 in

V%: 3.73

Similar Dimensions:

Equivalent:

ARMY '66: Bitragion Breadth FRANCE '65: Largeur bitragus JAPAN: Bitragion Diameter KOREA: Bitragion Diameter NATO: Bitragion Diameter

NAVY RECRUITS: Bitragion Breadth

TUFTS: Bi-Tragion

USAF '50: Bitragion Diameter USMC: Bitragion Breadth

Not Equivalent:

None

Indeterminable:

None

BITRAGION-INION ARC

Reference: KOREA

Subject sits, looking directly forward (head oriented in the Frankfort plane.) With the tape passing over inion †a small bony bump often found at the rearmost part of the head†, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 27.59 cm; 10.86 in

Bitragion-Inion Arc-KOREA (Continued)

SD: 1.40 cm; 0.55 in

V%: 5.07

Similar Dimensions:

Equivalent:

USAF '50: Bitragion-Inion Arc USN: Bitragion-Inion Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-INION ARC

Reference: USAF '50

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over inion †a small bony bump often found at the rearmost part of the head†, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4059

 \overline{X} : 29.51 cm; 11.62 in SD: 1.40 cm; 0.55 in

V%: 4.75

Similar Dimensions:

Equivalent:

KOREA: Bitragion-Inion Arc USN: Bitragion-Inion Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-INION ARC

Reference: USN

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over inion †a small bony bump often found at the rearmost part of the head†, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear. [USAF '50]

N: 1549

 \overline{X} : 31.44 cm; 12.38 in SD: 2.09 cm; 0.82 in

V%: 6.65

Similar Dimensions:

Equivalent:

KOREA: bitragion-Inion Arc USAF '50: Bitragion-Inion Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MENTON ARC

Reference: ARMY AVIATORS

The distance over the chin from the notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch of the left ear.

N: 500

X: 32.20 cm; 12.68 in

SD: 1.16 cm; 0.46 in

V%: [3.60]

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus mentonnier

Bitragion-Menton Arc-ARMY AVIATORS (Continued)

JAPAN: Bitragion-Menton Arc KOREA: Bitragion-Menton Arc NATO: Bitragion-Menton Arc USAF '50: Bitragion-Menton Arc USN: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MENTON ARC

Reference: JAPAN

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over the tip of the chin (menton) † the lower surface of the tip of the chin in the midsagittal plane†, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 236

 \overline{X} : 31.96 cm; 12.58 in SD: 1.21 cm; 0.48 in

V%: 3.80

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Menton Arc

FRANCE '65: Longueur de l'arc bitragus mentonnier

KOREA: Bitragion-Menton Arc NATO: Bitragion-Menton Arc USAF '50: Bitragion-Menton Arc USN: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-MENTON ARC

Reference: KOREA

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over the tip of the chin (menton) the lower surface of the tip of the chin in the midsagittal planet, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

 \overline{X} : 31.73 cm; 12.49 in SD: 1.51 cm; 0.59 in

V%: 4.75

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Menton Arc

FRANCE '65: Longueur de l'arc bitragus mentonnier

JAPAN: Bitragion-Menton Arc NATO: Bitragion-Menton Arc USAF '50: Bitragion-Menton Arc USN: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MENTON ARC

Reference: NATO

Subject sits. With the tape passing over the menton landmark the lower edge of the tip of the chin in the midsagittal planet on the chin, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

Bitragion-Menton Arc-NATO (Continued)

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	31.70 cm; 12.48 in	32.01 cm; 12.60 in	32.49 cm; 12.79 in
SD:	1.22 cm; 0.48 in	1.24 cm; 0.49 in	1.21 cm; 0.48 in
V%:	3.85	3.86	3.71

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Menton A:c

FRANCE '65: Longueur de l'arc bitragus mentonnier

JAPAN: Bitragion-Menton Arc KOREA: Bitragion-Menton Arc USAF '50: Bitragion-Menton Arc USN: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MENTON ARC

Reference: USAF '50

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over the tip of the chin (menton) † the lower surface of the tip of the chin in the midsagittal plane†, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4062

 \vec{X} : 32.45 cm; 12.78 in

SD: 1.28 cm; 0.50 in

V%: 3.94

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Menton Arc

Bitragion-Menton Arc-USAF'50 (Continued)

FRANCE '65: Longueur de l'arc bitragus mentonnier

JAPAN: Bitragion-Menton Arc KOREA: Bitragion-Menton Arc NATO: Bitragion-Menton Arc USN: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MENTON ARC

Reference: USN

Subject sits. With the tape passing over the menton landmark the lower edge of the tip of the chin in the midsagittal planet on the chin, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

N: 1549

 \overline{X} : 32.21 cm; 12.68 in SD: 1.27 cm; 0.50 in

V%: 3.95

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Menton Arc

FRANCE '65: Longueur de l'arc bitragus mentonnier

JAPAN: Bitragion-Menton Arc KOREA: Bitragion-Menton Arc NATO: Bitragion-Menton Arc USAF '50: Bitragion-Menton Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-MINIMUM FRONTAL ARC

Reference: ARMY AVIATORS

The distance over the forehead above the eyebrows from the notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch of the left ear.

N: 500

X: 30.55 cm; 12.03 in SD: 1.01 cm; 0.40 in

V%: [3.31]

Similar Dimensions:

Equivalent:

JAPAN: Bitragion-Minimum Frontal Arc KOREA: Bitragion-Minimum Frontal Arc NATO: Bitragion-Minimum Frontal Arc USAF '50: Bitragion-Minimum Frontal Arc USN: Bitragion-Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MINIMUM FRONTAL ARC

Reference: JAPAN

Subject sits. With the tape passing over the region of the minimum frontal arc, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 174

X: 31.60 cm; 12.44 in

SD: 1.10 cm; 0.43 in

V%: 3.50

Bitragion-Minimum Frontal Arc-JAPAN (Continued)

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Minimum Frontal Arc

KOREA: Bitragion-Minimum Frontal Arc NATO: Bitragion-Minimum Frontal Arc USAF '50: Bitragion-Minimum Frontal Arc USN: Bitragion-Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MINIMUM FRONTAL ARC

Reference: KOREA

Subject sits. With the tape passing over the region of the minimum frontal arc, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

X: 31.24 cm; 12.29 in

SD: 1.67 cm; 0.66 in

V%: 5.34

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Minimum Frontal Arc

JAPAN: Bitragion-Minimum Frontal Arc NATO: Bitragion-Minimum Frontal Arc USAF '50: Bitragion-Minimum Frontal Arc USN: Bitragion-Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-MINIMUM FRONTAL ARC

Reference: NATO

Subject sits. With the tape passing over the minimum frontal arc landmarks †the points of greatest indentation medially of the temporal crests of the frontal bonet, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	29.93 cm; 11.78 in	30.20 cm; 11.89 in	30.48 cm; 12.00 in
SD:	1.07 cm; 0.42 in	1.07 cm; 0.42 in	1.03 cm; 0.41 in
V%:	3.57	3.55	3.38

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Minimum Frontal Arc

JAPAN: Bitragion-Minimum Frontal Arc KOREA: Bitragion-Minimum Frontal Arc USAF '50: Bitragion-Minimum Frontal Arc USN: Bitragion-Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MINIMUM FRONTAL ARC

Reference: USAF '50

Subject sits. With the tape passing over the region of the minimum frontal arc, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4055

 \overline{X} : 30.61 cm; 12.05 in SD: 1.12 cm; 9.44 in

3D: 1.12 Cill, 9.4

V%: 3.66

Bitragion-Minimum Frontal Arc-USAF'50 (Continued)

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Eitragion-Minimum Frontal Arc

JAPAN: Bitragion-Minimum Frontal Arc KOREA: Bitragion-Minimum Frontal Arc NATO: Bitragion-Minimum Frontal Arc USN: Bitragion-Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-MINIMUM FRONTAL ARC

Reference: USN

Subject sits. With the tape passing over the minimum frontal arc landmarks the points of greatest indentation medially of the temporal crests of the frontal bonet, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

N: 1549

 \overline{X} : 30.20 cm; 11.89 in SD: 1.08 cm; 0.43 in

V%: 3.59

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Minimum Frontal Arc

JAPAN: Bitragion-Minimum Frontal Arc KOREA: Bitragion-Minimum Frontal Arc NATO: Bitragion-Minimum Frontal Arc USAF '50: Bitragion-Minimum Frontal Arc

Bitragion-Minimum Frontal Arc—USN (Continued)

Not Equivalent:

None

Indeterminable:

None

BITRAGION-POSTERIOR ARC

Reference: KOREA

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over the lowest point of the skull which can be felt with a finger among the neck muscles, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 26.65 cm; 10.49 in SD: 1.87 cm; 0.74 in

V%: 7.02

Similar Dimensions:

Equivalent:

NATO: Bitragion-Posterior Arc USAF '50: Bitragion-Posterior Arc WAF RECRUITS: Posterior Arc

Not Equivalent:

FRANCE '65: Longueur de l'arc postérieur de la tête—[under the occipital tuberosity]

Lideterminable:

None

See Also:

Bitragion-Inion Arc

BITRAGION-POSTERIOR ARC

Reference: NATO

Subject sits. With the tape passing over the nuchale landmark indicating the lowest parpable point of the occiput tin the midsagittal planet, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

	Turkey	Greece	Italy
N:	595	1084	13.58
$\overline{\mathbf{X}}$:	26.03 cm; 10.25 in	26.02 cm; 10.24 in	26.49 cm; 10.43 in
SD:	1.15 cm; 0.45 in	1.01 cm; 0.40 in	1.03 cm; 0.41 in
V%:	4.41	3.89	3.90

Similar Dimensions:

Equivalent:

KOREA: Bitragion-Posterior Arc USAF '50: Bitragion-Posterior Arc WAF RECRUITS: Posterior Arc

Not Equivalent:

FRANCE '65: Longueur de l'arc postérieur de la têtc-[under the occipital tuberosity]

Indeterminable:

None

See Also:

Bitragion-Inion Arc

BITRAGION-POSTERIOR ARC

Reference: USAF '50

Subject sits, looking directly forward (head oriented in the Frankfort plane). With the tape passing over the lowest point of the skull which can be felt with a finger among the neck muscles, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

Bitragion-Posterior Arc-USAF '50 (Continued)

N: 4061

 \overline{X} : 27.20 cm; 10.71 in SD: 1.22 cm: 0.48 in

V%: 4.48

Similar Dimensions:

Equivalent:

KOREA: Bitragion-Posterior Arc NATO: Bitragion-Posterior Arc WAF RECRUITS: Posterior Arc

Not Equivalent:

FRANCE '65: Longueur de l'arc postérieur de la tête-sunder the occipital tuberosity]

Indeterminable:

None

See Also:

Bitragion-Inion Arc

BITRAGION-SUBMANDIBULAR ARC

Reference: KOREA

Subject sits. With the tape passing under the gonial angles of the jaw and along the juncture of the jaw and the neck the angle at the back of the lower jaw formed by the intersection of the vertical portion with the lower edge of the horizontal portion of the jawt, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 29.87 cm; 11.76 in SD: 1.67 cm; 0.66 in

V%: 5.60

Similar Dimensions:

Equivalent:

FAA: Ear-Neck Arc

NATO: Bitragion-Submandibular Arc

Bitragion-Submandibular Arc-KOREA (Continued)

USAF '50: Bitragion-Submandibular Arc USN: Bitragion-Submandibular Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-SUBMANDIBULAR ARC

Reference: NATO

Subject sits. With the tape passing under the gonial angles of the jaw the obtuse angle at the back of the lower jaw formed by the intersection of the vertical and horizontal portions of the jawt and over the landmark indicating the juncture of the jaw and neck the junction in the midsagittal plane of the under surface of the jaw with the column of the neckt, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

	Turkey	Greece	Italy
N:	595	1084	1358
$\overline{\mathbf{X}}$:	30.00 cm; 11.81 in	30.12 cm; 11.86 in	30.74 cm; 12.10 in
SD:	1.37 cm; 0.54 in	1.25 cm; 0.49 in	1.42 cm; 0.56 in
V%:	4.57	4.15	4.62

Similar Dimensions:

Equivalent:

FAA: Ear-Neck Arc

KOREA: Bitragion-Submandibular Arc USAF '50: Bitragion-Submandibular Arc USN: Bitragion-Submandibular Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-SUBMANDIBULAR ARC

Reference: USAF '50

Subject sits. With the tape passing under the gonial angles of the jaw and along the juncture of the jaw and the neck the angle at the back of the lower jaw formed by the intersection of the vertical portion with the lower edge of the horizontal portion of the jawt, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4063

 \overline{X} : 30.69 cm; 12.08 in SD: 1.57 cm; 0.62 in

V%: 5.12

Similer Dimensions:

Equivalent:

FAA: Ear-Neck Arc

KOREA: Bitragion-Submandibular Arc NATO: Bitragion-Submandibular Arc USN: Bitragion-Submandibular Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-SUBMANDIBULAR ARC

Reference: USN

Subject sits. With the tape passing under the gonial angles of the jaw the obtuse angle at the back of the lower jaw formed by the intersection of the vertical and horizontal portions of the jawt and over the landmark indicating the juncture of the jaw and neck the junction in the midsagittal plane of the under surface of the jaw with the column of the neckt, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

N: 1549

X: 31.22 cm; 12.29 in

Bitragion-Submandibular Arc-USN (Continued)

SD: 1.41 cm; 0.56 in

V%: 4.53

Similar Dimensions:

Equivalent:

FAA: Ear-Neck Arc

KOREA: Bitragion-Submandibular Arc NATO: Bitragion-Submandibular Arc USAF '50: Bitragion-Submandibular Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-SUBNASALE ARC

Reference: KOREA

Subject sits. With the tape passing across the face and just below the nose, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 264

 \overline{X} : 28.92 cm; 11.38 in SD: 1.39 cm; 0.55 in

V%: 4.79

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus sous nasal

NATO: Bitragion-Subnasale Arc USAF '50: Bitragion-Subnasale Arc USN: Bitragion-Subnasale Arc

Bitragion-Subnasale Arc—KOREA (Continued)

Not Equivalent:

None

Indeterminable:

None

BITRAGION-SUBNASALE ARC

Reference: IvATO

Subject sits. With the tape passing across the face just below the nose, measure the surface distance from right tragion, the cartilaginous notch just forward of the upper edge of the right ear hole, to the corresponding tragion of the left ear.

	Turkey	Greece	Italy
N:	915	1084	1358
$\bar{\mathbf{X}}$:	28.43 cm; 11.19 in	28.64 cm; 11.28 in	29.06 cm; 11.44 in
SD:	1.09 cm; 0.43 in	1.03 cm; 0.41 in	1.03 cm; 0.41 in
V%:	3.83	3.60	3.53

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus sous nasal

KOREA: Bitragion-Subnasale Arc USAF '50: Bitragion-Subnasale Arc

USN: Bitragion-Subnasale Arc

Not Equivalent:

None

Indeterminable:

BITRAGION-SUBNASALE ARC

Reference: USAF '50

Subject sits. With the tape passing across the face and just below the nose, measure the arc from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the corresponding notch in the left ear.

N: 4056

 \overline{X} : 29.08 cm; 11.45 in SD: 1.10 cm; 0.43 in

V%: 3.78

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus sous nasal

KOREA: Bitragion-Subnasale Arc NATO: Bitragion-Subnasale Arc USN: Bitragion-Subnasale Arc

Not Equivalent:

None

Indeterminable:

None

BITRAGION-SUBNASALE ARC

Reference: USN

Subject sits. With the tape passing across the face just below the nose, measure the surface distance from right tragion, the cartilaginate notch just forward of the upper edge of the right ear hole, to the corresponding agion of the left ear.

N: 1549

 \overline{X} : 28.68 cm; 11.29 in SD: 1.06 cm; 0.42 in

V%: 3.71

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'arc bitragus sous nasal

Bitragion-Subnasale Arc-USN (Continued)

KOREA: Bitragiou-Subnasale Arc NATO: Bitragion-Subnasale Arc USAF '50: Bitragion-Subnasale Arc

Not Equivalent:

None

Indeterminable:

None

BI-TROCHANTERIC

Reference: AAF

Knees together and at right angles, trunk erect. Maximum lateral diameter of buttocks; light touch measurement. Anthropometer horizontal.

Ca	det.	S

Gunners

N: 2954

583

Median: 36.03 cm, 14.02 in

35.09 cm; 13.8 in

SD: NDA

NDA

V%: NDA

NDA

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-Trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]-Maximum Below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-Trochanteric USAF '50: Hip Breadth, Sitting

USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting

Bi-Trochanteric-AAF (Continued)

VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Bi-Trochanteric

Not Equivalent:

HOOTON: Hip Breadth-[Subjects wore clothing.]

TUFTS: Hip Breadth—Taken on clothed, seated individuals US ADULTS: Seat Breadth—[Subjects wore clothing.]

Indeterminable:

None

See Also:

Hip Breadth, Standing

BI-TROCHANTERIC

Reference: ARMY ARMORED

Knees together and at right angles, trunk erect. Maximum lateral diameter of buttocks; light touch measurement. Anthropometer horizontal.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Bi-Trochanteric

ARMY '66: Hip Breadth, Sitting

ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-Trochanteric

USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting

Bi-Trochanteric-ARMY AMORED (Continued)

VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth
WASP: Bi-Trochanteric

Not Equivalent:

HOOTON: Hip Breadth-[Subjects wore clothing.]

TUFTS: Hip Breadth—Taken on clothed, seated individuals US ADULTS: Seat Breadth—[Subjects wore clothing.]

Indeterminable:

None

See Also:

Hip Breadth, Standing

BI-TROCHANTERIC OR HIP BREADTH

Reference: MONTAGU

(Anthropometer used as a sliding compass). From trochanterion, the most lateral point on the great trochanter, to trochanterion.

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Bitrochanteric Breadth FRANCE '65: Diamètre bi-trochanter GENEVA: Bi-Trochanteric Diameter NATO: Bitrochanteric Breadth—Bone

Not Equivalent:

None

Indeterminable:

Bi-Trochanteric or Hip Breadth-MONTAGU (Continued)

See Also:

Bi-Iliac Hip Breadth

BI-TROCHANTERIC

Reference: TUFTS

Knees together and at right angles, trunk erect. Maximum lateral diameter of but-tocks; light touch measurement. Anthropometer norizontal.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Bi-Trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-Trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum Below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Bi-Tvochauteric

Not Equivalent:

HOOTON: Hip Breadth-[Subjects were clothing.]

TUFTS: Hip Breadth—Taken on clothed, seated individuals US ADULTS: Scat Breadth—[Subjects were clothing.]

Bi-Trochanteric-TUFTS (Continued)

Indeterminable:

None

See Also:

Hip Breadth, Standing

BI-TROCHANTERIC

Reference: WASP

Knees together and at right angles, trunk erect. Maximum lateral diameter of but-tocks; light touch measurement. Anthropometer horizontal.

Women Pilots	Flying Nurses
N: 447	152
\overline{X} : 38.18 cm; 15.0 in	38.37 cm; 15.1 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Bi-Trochanterie

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-Trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]-Maximum Below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-Troehanteric
USAF '50: Hip Breadth, Sitting
USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting
VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth

Bi-Trochanteric-WASP (Continued)

Not Equivalent:

HOOTON: Hip Breadth-[Subjects wore clothing.]

TUFTS: Hip Breadth—Taken on clothed, seated individuals US ADULTS: Seat Breadth—[Subjects wore clothing.]

Indeterminable:

None

See Also:

Hip Breadth, Standing

BITROCHANTERIC BREADTH

Reference: BULGARIA

Rectilinear distance between the two trochanters. Measured with a pelvimeter, the body being erect, with gathered legs and its weight distributed between the two legs.

	Men	Women.
N:	1661	1580
$\overline{\mathbf{X}}$:	[32.03 cm; 12.61 in]	[32.01 cm; 12.60 in]
Est SD:	[1.95 cm; 0.77 in]	[2.24 cm; 0.88 in]
Est V%:	[6.08]	[7.00]

Similar Dimensions:

Equivalent:

FRANCE: '35: Diamètre bi-trochanter GENEVA: Bi-Trochanteric Diameter

MONTAGU: Bi-Trochanteric

NATO: Bitrochanteric Breadth-Bone

Not Equivalent:

None

Indeterminable:

Bi-Trochanteric Breadth-BULGARIA (Continued)

See Also:

Bi-Iliac Hip Breadth

BITROCHANTERIC BREADTH-BONE

Reference: NATO

Subject stands erect. Using the anthropometer with strong pressure to compress the flesh, measure the breadth between the two trochanteria at the level of the right trochanterion landmark †the top edge of the lateral protrusion of the femoral trochanter†.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	31.70 cm; 12.48 in	31.55 cm; 12.42 in	31.74 cm; 12.50 in
SD:	1.58 cm; 0.62 in	1.57 cm; 0.62 in	1.59 cm; 0.63 in
V%:	4.99	4.96	4.99

Similar Dimensions:

Equivalent:

BULGARIA: Bitrochanteric Breadth FRANCE: '65: Diamètre bi-trochanter GENEVA: Bi-Trochanteric Diameter MONTAGU: Bi-Trochanteric

Not Equivalent:

None

Indeterminable:

None

See Also:

Bi-Iliac Hip Breadth

BI-TROCHANTERIC DIAMETER

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface...: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal† Maximum distance between the external surfaces of the great trochanters. In making this measurement the superficial tissues are to be strongly compressed.

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Bitrochanteric Breadth FRANCE: '65: Diamètre bi-trochanter

MONTAGU: Bi-Trochanteric

NATO: Bitrochanteric Breadth-Bone

Not Equivalent:

None

Indeterminable:

None

See Also:

Bi-Iliac Hip Breadth

BIZYGOMATIC

Reference: ARMY QM

The maximum breadth in a horizontal plane across the zygomatic arches at zygion the most lateral point on the zygomatic archt, taken with light contact.

N: 24389 X: 13.90 cm; 5.47 in SD: 0.60 cm; 0.24 in

V%: [4.32]

Bizygomatic—ARMY QM (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

JAPAN: Bizygomatic Diameter KOREA: Bizygomatic Diameter MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† Measurement taken from left to right zygion †The most lateral point on the zygomatic arch†.

N: 8428

 \overline{X} : 13.08 cm; 5.15 in SD: 0.54 cm; 0.21 in

V%: [4.13]

Bizygometic-WAC (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth JAPAN: Bizygomatic Diameter KOREA: Bizygomatic Diameter MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC BREADTH

Reference: COMAS

tWith subject in sitting position tygion the most laterally projecting point in the zygomatic archest to zygion. (Spreading caliper).

No Data Available.

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

Bizygomatic Breadth—COMAS (Continued)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Joehbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatie Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatie Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC BREADTH

Reference: MONTAGU

(Spreading Caliper). The distance between the most laterally situated points on the zygomatic arches (the zygia . . .).

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

Bizygomatic Breadth-MONTAGU (Continued)

HRDLICKA: Face Breadth

JAPAN: Bizygomatic Diameter

KOREA: Bizygomatic Diameter

MARTIN: Jochbogenbrcite

MONACO: Diamètre bizygomatique NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: JAPAN

Holding the spreading caliper mean its tips, measure the maximum horizontal breadth of the face across the most laterally projecting bones of the cheek (zygomatic arches).

N: 176

 \overline{X} : 14.30 cm; 5.63 in SD: 0.63 cm; 0.25 in

V%: 4.40

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygo matic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

Bizygomatic Diameter-JAPAN (Continued)

HRDLICKA: Face Breadth KOREA: Bizygomatic Diameter MARTIN: Jochbogenbreite

MONACO: Diametre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: KOREA

Holding the spreading caliper near its tips, measure the maximum horizontal breadth of the face across the most laterally projecting bones of the cheek (zygomatic arches).

N: 264

 \overline{X} : 13.84 cm; 5.45 in SD: 0.73 cm; 0.29 in

V%: 5.29

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

Bizygomatic Diameter-KOREA (Continued)

HRDLIČKA: Face Breadth
JAPAN: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: NATO

Subject sits. Holding the spreading caliper near the tips, measure the maximum horizontal breadth of the face across the zygomatic arches, the most laterally projecting portions of the temporal bones.

	Turkey	Greece	Italy
N:	515	1084	1358
$\overline{\mathbf{X}}$:	14.22 cm; 5.60 in	14.18 cm; 5.58 in	14.31 cm; 5.63 in
SD:	0.54 cm; 0.21 in	0.53 cm; 0.21 in	0.51 cm; 0.20 in
V%:	3.81	3.73	3.58

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic

Bizygomatic Diameter-NATO (Coxtinued)

COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLIČKA: Face Breadth JAPAN: Bizygomatic Diameter KOREA: Bizygomatic Diameter MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: NORWAY

This is the straight-line distance between both zygia, i.e., the most protruding point on the arch of the cheekbone.

 $\frac{N:}{X}$: 5765 $\frac{13.84}{X}$ cm; 5.45 in SD: 0.51 cm; 0.20 in

V%: 3.69

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

Bizygomatic Diameter—NORWAY (Continued)

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: USAF '50

Holding the spreading caliper near its tips, measure the maximum horizontal breadth of the face across the most laterally projecting bones of the cheek (zygomatic arches).

N: 4061

 \overline{X} : 14.09 cm; 5.55 in SD: 0.51 cm; 0.20 in

NO. 0.01 CM, 0.20

V%: 3.61

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

Bizygomatic Diameter-USAF '50 (Continued)

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLIČKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diametre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USMC: Face Breadth (Eizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BIZYGOMATIC DIAMETER

Reference: USN

Subject sits. Holding the spreading caliper near the tips, measure the maximum horizontal breadth of the face across the zygomatic arches, the most laterally projecting portions of the temporal bones.

N: 1549

X: 13.62 cm; 5.36 in SD: 0.71 cm; 0.28 in

V%: 5.19

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

Bizygomatic Diameter—USN (Continued)

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diametre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizi gomatic Diameter

USMC: Face Isreadth (Bizygomatic Breadth)

VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

BREADTH [HEAD]

Reference: TUFTS

Greatest horizontal breadth of head above the ear openings, wherever found. Points of calipers held in horizontal plane and moved about until maximum reading obtained. Moderate pressure.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width]

Breadth [Head]—TUFTS (Continued)

JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 2.

N: 211

X: 1.54 cm; 0.61 in SD: 0.10 cm; 0.04 in

V%: 6.33

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Distal Interphalangeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 2.

N: 148

 \overline{X} : 1.84 cm; 0.72 in SD: 0.12 cm; 0.05 in

V%: 6.44

Similar Dimensions:

Equivalent:

HANDS—FEMALE: Breadth [of] Distal Interphalangeal Joint—Digit 2

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 3.

N: 211

 \overline{X} : 1.53 cm; 0.69 in SD: 0.09 cm; 0.04 in

V%: 6.01

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Distal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 3.

N: 148

 \overline{X} : 1.84 cm; 0.72 in

SD: 0.12 cm; 0.05 in

V%: 6.43

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Distal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 4

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 4.

N: 211

 \overline{X} : 1.43 cm; 0.57 in

SD: 0.09 cm; 0.03 in

V%: 5.91

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Distal Interphalangeal Joint-Digit 4

Not Equivalent:

None

Indeterminable:

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 4.

N: 148

 \overline{X} : 1.72 cm; 0.68 in

SD: 0.11 cm; 0.04 in

V%: 6.41

Similar Dimensions:

Equivalent:

HANDS—FEMALE: Breadth [of] Distal Interphalangeal Joint—Digit 4

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 5.

N: 211

 \overline{X} : 1.31 cm; 0.52 in

SD: 0.09 cm; 0.03 in

V%: 6.58

Similar Dimensions:

Equivalent:

HANDS--MALE: Breadth [of] Distal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the distal interphalangeal joint of digit 5.

N: 148

X: 1.57 cm; 0.62 in SD: 0.12 cm; 0.05 in

V%: 7.51

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Distal Interphalangeai Joint-Digit 5

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] INTERPHALANGEAL JOINT-DIGIT 1

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the interphalangeal joint of digit 1.

 $\frac{N}{X}$: 211 $\frac{N}{X}$: 1.90 cm; 0.75 in SD: 0.12 cm; 0.05 in

V%: 6.13

Similar Dimensions:

Equivalent:

BARTER: Breadth of Proximal Knuckle of Digit 1

HANDS-MALE: Breadth [of] Interphalangeal Joint-Digit 1

Not Equivalent:

None

Indeterminable:

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the interphalangeal joint of digit 1.

N: 148

 \overline{X} : 2.29 cm; 0.90 in SD: 0.13 cm; 0.05 in

V%: 5.72

Similar Dimensions:

Equivalent:

BARTER: Breadth of Proximal Knuckle of Digit 1

HANDS-FEMALE: Breadth [of] Interphalangeal Joint-Digit 1

Not Equivalent:

None

Indeterminable:

None

BREADTH OF INSTEP

Reference: FOOT

Breadth of the sole in the plane of the junction of the foot and leg. In each case an estimate was made of the proportion of the total breadth which was in contact with the ground. [From photograph]

White	Negro

N: 5561 1200

 \overline{X} : 8.77 cm; 3.45 in 9.12 cm; 3.59 in Est SD: [0.57 cm; 0.23 in] [0.54 cm; 0.21 in]

Est V%: [6.50] [5.92]

Similar Dimensions:

None

See Also:

Foot Breadth

BREADTH OF PELVIS

Reference: HRDLIČKA

The maximum distance between the sides of the rim of the pelvis. . . . Branches of instrument are applied symmetrically to the sides of the rim of the pelvis, with sufficient pressure to feel bone resistance, and the measurement is read.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Bi-Iliac

ARMY ARMORED: Bi-Iliac

ARMY QM: Bi-Iliac TUFTS: Bi-Iliac WASP: Bi-Iliac

Not Equivalent:

MARTIN: Groesste Breite zwischen dem Darmbeinkaemmen-[with slight

pressure]

Indeterminable:

In the following references pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-Iliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter MONTAGU: Bi-Iliac or Pelvic Breadth

See Also:

Bi-Spinal Diameter Bi-Trochanteric Breadth—Bone Hip Breadth

BREADTH OF PROXIMAL KNUCKLE OF DIGIT 1

Reference: BARTER

The thumb is placed lightly on the edge of the table, volar side down. The transverse diameter of the proximal joint is measured with the sliding calipers in light contact with the skin.

N: 100

 \overline{X} : 2.38 cm; 0.94 in

SD: 0.15 cm; 0.06 in

V%: [6.3]

Breadth of Proximal Knuckle of Digit 1-BARTER (Continued)

Similar Dimensions:

Equivalent:

HANDS—FEMALE: Breadth [of] Interphalangeal Joint—Digit 1
HANDS—MALE: Breadth [of] Interphalangeal Joint—Digit 1

Not Equivalent:

None

Indeterminable:

None

BREADTH OF THREE FORWARD TOES

Reference: FOOT

The maximal breadth from the medial border of the great toe to the lateral border of the 3rd toe.

White		Negro	
N:	5545	1194	
$\overline{\mathbf{X}}$:	6.97 cm; 2.74 in	6.70 cm; 2.64 in	
Est. SD:	[0.46 cm; 0.18 in]	[0.46 cm; 0.18 in]	
Est. V%:	[6.6]	[6.9]	

Similar Dimensions:

None

BREADTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 2.

 $\frac{N}{X}$: 211 $\frac{N}{X}$: 1.82 cm; 0.72 in SD: 0.10 cm; 0.04 in V%: 5.66

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 2

Breadth [of] Proximal Interphalangeal Joint-Digit 2—HANDS-FEMALE (Continued)

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 2.

N: 148

X: 2.15 cm; 0.84 in

SD: 0.13 cm; 0.05 in

V%: 5.97

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalingeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] PROX:MAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 3.

N: 211

X: 1.83 cm; 0.72 in

Breadth [of] Proximal Interphalangeal Joint-Digit 3—HANDS-FEMALE (Continued)

SD: 0.10 cm; 0.04 in

V%: 5.18

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3

KOREA: Finger Diameter III NATO: Finger Diameter III USAF '50: Finger Diameter III

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 3.

 $\frac{N}{X}$: 148 $\frac{1}{X}$: 2.18 cm; 0.86 in

SD: 0.14 cm; 0.05 in

V%: 6.32

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3

KOREA: Finger Diameter III NATO: Finger Diameter III USAF '50: Finger Diameter III

Not Equivalent:

None

Indeterminable:

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 4.

N: 211

 \overline{X} : 1.69 cm; 0.67 in

SD: 0.10 cm; 0.04 in

V%: 5.80

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 4

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 4

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 4.

N: 148

X: 2.02 cm; 0.79 in

SD: 0.13 cm; 0.05 in

V%: 6.61

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 4

Not Equivalent:

None

Indeterminable:

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 5.

N: 211

X: 1.46 cm; 0.57 in

SD: 0.09 cm; 0.03 in

V%: 6.37

Similar Dimensions:

Equivalent:

HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

None

BREADTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum breadth . . . of the proximal interphalangeal joint of digit 5.

N: 148

X: 1.77 cm; 0.70 in

SD: 0.14 cm; 0.06 in

V%: 7.81

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

BREAST CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† The arms were raised while the tape was being adjusted and then lowered for the measurement. Measurer stood to rear of subject and assistant stood in front to adjust tape. Measurement taken horizontally with tape passing over both nipples. [Bra]

N: 8561

X: 89.11 cm; 35.08 in

SD: 7.71 cm; 3.04 in

V%: [8.65]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference — neither expanded nor collapsed . . . during quiet breatning [Measured on men.]

ARMY '66: Chest Circumference—maximum...during normal breathing [Measured on men.]

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

ARMY AVIATORS: Chest Circumference—during normal breathing [Measured on men.]

ARMY QM: Chest Circumference- [Measured on men.]

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted [Measured on men.]

BELGIUM: $Perimetre\ thoracique\ [Expiration]$ —[exhales . . . as deeply as possible] [Measured on men.]

BELGIUM: Perimetre thoracique [Mean]—[maximal and minimal . . . divided by two] [Measured on men.]

BELGIUM: Perimetre thoracique [Inspiration]—[inhales as deeply as possible] [Measured on men.]

BULGARIA: Chest Circumference at Pause [Men] - [at pause] [Measured on men.]

BULGARIA: Chest Circumference at Pause [Women] — the tape passes immediately below the mammary glands kept in their uppermost position

Breast Circumference-WAC (Continued)

- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled [Measured on men.]
- BULGARIA: Chest Circumference upon inhaling [Women] maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the arm pits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the arm pits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the arm pits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation . . . calm respiration, between inhalation and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] -- at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference . . . during normal breathing [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep inhalation] [Measured on men.]

Breast Circumference-W'AC (Continued)

- FRANCE '55: Périmètre thoracique [Mean]—[at xiphoid process... minimal and maximal... divided by two] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at xiphoid process... after deep inhalation] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration...tape...passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration...tape...passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos--[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée Torcei inspiration...tape...passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage . . . intermediate stage
- GENCVA: Thoracic Circumference [Mean]—base of the ensiform cartilage . . . mean . . . of . . . inspiration and expiration
- JAPAN: Chest Circumference—maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference---maximum...during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfang dev Brust bei ruhigem Atmen—[high in axila . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration--{under bottom edge of the scapulae . . . maximum possible expiration}
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei rubigem Atmen—[under bettem edge of the scapulae . . . pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth -- well up into axillary fossae. . . . Mean reading during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. . . . mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—maximum...during normal breathing [Measured on men.]

Breast Circumference-WAC (Continued)

- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . .during normal breathing [Measured on men.]
- THAI: Chest Circumference—average circumference . . . during normal breathing [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space† at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space† at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space † during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference-during quiet breathing [Measured on men.]
- USAF '50: Chest Circumference—maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum . . . circumference . . . during normal breathing [Measured on men.]
- USN: Chest Circumference—maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing [Mersured on men.]
- WAC: Chest Circumference-horizontally just below the breasts. Normal breathing
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across front above the fullness of the breast . . . during normal breathing
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across front below the fuliness of the breast . . . during normal breathing
- WASP: Chest Circumference—Maximum circumference
- WOMEN: Chest Girth at Armseye--at the level of the armseye . . . midpoint of respiration. [Subject wore a snug bandeaux.]
- WOMEN: Bust Girth—level . . . of . . . maximum girth . . . [Subject wore a sning bandeaux.]

Indeterminable:

In the reference dimension description the status of respiration is not described.

WAF RECRUITS: Bust Circumference

See Also:

Anterior Bust Arc

BREITE DER MUNDSPALTE [BREADTH OF THE MOUTH]

Reference: MARTIN

Geradlinige Entfernung der beiden Chelia †derjenige Punkt der Mundspalte, an welchem die Aussenraender der Ober- und Unterschleimhautlippe ineinander uebergehen† voneinander. Gleitzirkel. Der Mund muss geschlossen und in Ruhelage sein.

[Straight, line distance between both chelia †that point of the mouth where the outer edges of the upper and lower lips join†. Sliding Caliper. The mouth must be closed and relaxed.]

No Data Available

Similar Dimensions:

Equivalent:

HRDLIČKA: Mouth Breadth
MONACO: Largeur de la bouche

Not Equivalent:

JAPAN: Lip Length (Bichelion Diameter) — between the corners of the mouth KOREA: Lip Length (Bichelion Diameter)—between the corners of the mouth MONTAGU: Maximum Breadth of the Mouth—maximum breadth of the mouth NATO: Lip Length—maximum distance between the corners of the mouth USAF '50: Lip Length (Bichelion Diameter)—maximum distance between the corners of the mouth

USN: Lip Length (Bichelion Diameter) - maximum distance between the corners of the mouth

TUFTS: Mouth Breadth—to edge of lip juncture, not necessarily to edge of membrane

Indeterminable:

None

See Also:

Lip Length, Smiling

BREITE DER NASE [NOSE BREADTH]

Reference: MARTIN

Geradlinige Entfernung der beiden Alaria, d. h. der Punkte der groessten seitlichen Auslandung der beiden Nasenfluegel, voneinander. Gleitzirkel.

[Straight line distance between both ala, that is between the points of the greatest lateral protrusion of both nasal wings. Sliding Caliper.]

No Data Available

Breite der Nase [Nose Breadth] -- MARTIN (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Nose Breadth COMAS: Nasal Breadth FRANCE '65: Largeur du nez HRDLIČKA: Nose Breadth JAPAN: Nose Breadth KOREA: Nose Breadth MONACO: Largeur du nez

MONTAGU: Maximum Physiognomic Nasal Breadth

NATO: Nose Breadth USAF '50: Nose Breadth USN: Nose Breadth WAC: Nose Breadth

Not Equivalent:

None

Indeterminable:

None

BREITE DER RECHTEN HAND [BREADTH OF THE RIGHT HAND]

Reference: MARTIN

Geradlinige Entfernung des Metacarpale radiale †der am meisten medial vorspringende l'unkt des Koepfchens des os metacarpale H† vom Metacarpale ulnare †der am meisten lateral vorspringende l'unkt des Koepfchens des os metacarpale V† bei gestreckten Fingern ueber dem Handrucken gemessen. Stangen- oder Gieitzirkel.

[Straight line distance across the back of the hand between radial metacarpale †the most medial point on the head of metacarpal II† and ulnur metacarpale †the most lateral point on the head of metacarpal V† with outstretched fingers. Beam Caliper or Sliding Caliper.]

No Data Available

Similar Dimensions:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

Breite der rechten Hand [Breadth of the Right Hand] -MARTIN (Continued)

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpale 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS-FEMALE: Hand Breadth HANDS-MALE: Hand Breadth

JAPAN: Hand Breadth KOREA: Hand Breadth MONTAGU: Hand Breadth

NATO · Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width—maximum width of the palm in front of the thumb FRANCE '65: Largeur de la paume—[the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

BREITE DES BELASTETEN RECHTEN FUSSES [BREADTH OF THE RIGHT FOOT]

Reference: MARTIN

Geradlinige Entfernung des Metatarsale mediale vom Metatarsale laterale bei belastetem Fuss quer ueber den Fussruecken gemessen. Stangenzirkel. Stets ueber die distalen Enden der Metatarsalia zu messen, nicht an der vorragendsten Stelle der Seitenkontur, da diese wesentlich weiter nach hinten liegen kann.

Breite des belasteten rechten Fusses [3readth of the Right Foot] -MARTIN (Continued)

[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot, measured diagonally on top of the foot. Broken Anthropometer. Always to be measured between the distal ends of the metatarsals, but not at the most protruding part of the lateral contour because this may be located considerably farther backward.]

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Foot Breadth-Weight even on both feet

ARMY '66: Ball of Foot Breadth-weight evenly distributed on both feet

ARMY ARMORED: Foot Breadth-Weight even on both feet

ARMY AVIATORS: Foot Breadth-maximum width

ARMY QM: Foot Breadth-weight evenly distributed

AUSTRALIA: Foot Width-greatest measurement across the ball of the foot

FOOT: Foot Breadth (Diagonal)-body weight was equally distributed

FOOT: Foot Breadth (Horizontal)-body weight was equally distributed

FRANCE '65: Largeur du pied-[body weight distributed equally]

HRDLICKA: Foot Breadth—[Illustration indicates that this dimension was measured perpendicular to the longitudinal axis of the foot.]

KOREA: Foot Breadth—weight equally distributed on both feet

MONTAGU: Foot Breadth—[Subject standing erect as for MONTAGU: Foot Length.]

MORANT: Diagonal Foot Breadth--body weight roughly supported equally by the two feet

NATO: Foot Breadth—weight equally distributed on both feet

NAVY RECRUITS: Ball of Foot Breadth-weight evenly distributed on both feet

THAI: Foot Breadth-Weight Equally Distributed on Both Feet

USAF '50: Foot Breadth—weight equally distributed on both feet

USMC: Ball of Foot Breadth—weight evenly distributed on both feet

USN: Foot Breadth-weight equally distributed on both feet

VIETNAM: Foot Breadth—Weight Equally Distributed on Both Feet WAF RECRUITS: Foot Width—weight equally distributed on both feet

WASP: Foot Breadth-Weight even on both feet

Breite des belasteten rechten Fusses [Breadth of the Right Foot]-MARTIN (Continued)

Indeterminable:

FAA: Foot Breadth-[Distribution of weight is not specified.]

WAC: Foot Breadth—[Orientation of the anthropometer relative to the foot is not specified.]

See Aiso:

Breadth of Instep

BREITE ZWISCHEN DEN AKROMIEN [BIACROMIAL DIAMETER]

Reference: MARTIN

Geradlinige Entfernug der beiden Akromien †derjenige Punkt des Seitenrandes des Processus acromials des Schulterblattes, der bei aufrechter Koerperhaltung und haengendem Arm am meisten seitlich gelegen ist† voneinander. Stangenzirkel. Man achte darauf, dass das zu messende Individuum die Schultern streckt, d. h. nicht nach vorn senkt, wodurch das Mass zu klein wuerde.

[Straight line distance between both acromions †that point on the lateral edge of the acromial process of the scapula which is located most laterally if the posture is erect and the arm is hanging†. Broken anthropometer. Make sure that the subject straightens his shoulders, that is, without slouching forward, as this would shorten the measurement.]

No Data Available

Similar Dimensions:

Equivalent:

AAF: Biaeromial

ARMY ARMORED: Biacromial COMAS: Bi-Acromial Breadth FRANCE '65: Diametre bi-acromial

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biacromial Diameter

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter—between the 2 acromial points †superior and external border of the acromion process

Breite zwischen den Akromien [Biacromial Dismeter]-MARTIN (Continued)

JAPAN: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter—(acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial b. Adth—between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Biacromial Diameter— (acromion to acromion) the highest point of the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [Acromion not defined]

See Also:

Bideltoid Breadth

BREITE ZWISCHEN DEN BRUSTWARZEN [INTERNIPPLE DISTANCE]

Reference: MARTIN

Geradlinige Entfernung der beiden Thelia †Mittelpunkt der Brustwarze† voneinander. Stangenzirkel.

[Straight line distance between both thelia †centerpoint of the nipplet, Beam caliper.]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Bi-mammillary Diameter WAF RECRUITS: Internipple

WAC: Nipple-Nipple

Not Equivalent:

None

Indeterminable:

BREITE ZWISCHEN DEN INNEREN AUGENWINKELN [INTEROCULAR DIAMETER]

Reference: MARTIN

Geradlinige Entfernung der beiden inneren Augenwinkel (Entokanthia †derjenige Punkt an der medialen Seite des Auges, an welchem der obere und untere Lidrand zusammentreffen†) voneinander bei offener Lidspalte. Gleitzirkel.

[Straight line distance between both inner canthia (endocanthia †that point on the median side of the eye, where the upper and lower edges of the eyelid meet†) with the eyelids open. Sliding Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Interocular

KOREA: Interocular Diameter

MONACO: Larguer bipalpébrale interne MONTAGU: Inter-Canthic Diameter

NATO: Interocular Diameter USAF '50: Interocular Diameter USN: Interocular Diameter

WAC: Interocular

Not Equivalent:

None

Indeterminable:

None

See Also:

Interpupillary Distance

BREITE ZWISCHEN DEN VORDEREN OBEREN DARMBEINSTACHELN [BI-SPINAL DIAMETER]

Reference: MARTIN

Geradlinige Entfernung der beiden Iliospinalia ant. †der am meisten abwaerts gerichtete Punkt der spina iliaca ant. sup.† voneinander. Stangen- oder Tasterzirkel.

Breite zwischen den vorderen oberen Darmbeinstacheln [Bi-Spinal Diameter]—MARTIN (Continued)

[Straight line distance between both anterior illospinale †the most inferior point of the anterior superior iliae spinet, Beam Caliper or Spreading Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Bi-Spinal Diameter

THOUSAND AVIATORS: Bi-Iliac Diameter

WAC: Bi-Iliac

Not Equivalent:

None

See Also:

Bi-Trochanteric Breadth—Bone Breadth of Pelvis Hip Breadth

BUST CIRCUMFERENCE

Reference: WAF RECRUITS

Subject stands. Her arms are raised and the tape is placed in a horizontal position at the level of the nipples. The arms are then lowered over the tape. Record bust circumference at the maximum dimension during normal breathing. [Bra]

N: 851

 \overline{X} : 85.59 cm; 33.70 in

SD: 5.15 cm; 2.02 in

V%: 6.01

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

Bust Circumference-WAF RECKUITS (Continued)

- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumference—during normal breathing [Measured on men.]
- ARMY QM: Chest Circumference-[Measured on men.]
- AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—-[exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as decply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal...divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men] [at pause] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men] maximum amount of air inhaled [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women] maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the arm pits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the arm pits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the arm pits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation

Bust Circumference-WAF RECRUITS (Continued)

- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondresternal articulation . . . meximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between Inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] minimum. chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipnles, Full Inhalation, Men]—maximum chest circumference at full inhalation [Measured on iden.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphold cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] --- at the level of the xiphold cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xlphoid cartilage . . . at full Inhalation
- FAA: Chest Circumference—Maximum thoracic circumference . . . during normal breathing [Measured on men.]
- FRANCE '55: Périnètre thoracique [Expiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmèlie thoracique [Inspiration]—[at xiphoid process . . . ufter deep Inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire [calm respiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration...tape...passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on mcn.]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée [forced inspiration...tape passed around level with the xiphoid process] [Measured on mean!
- GENEVA: Thoracic Circumference [Intermediate]—bare of the ensiform can trallage . . . intermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage . . . mean . . . of . . . inspiration and expiration
- JAPAN: Chest Circumference-[Measured on men.]
- KOREA: Chest Circumference-[Measured on men.]

Bust Circumference--WAF RECRUITS (Continued)

- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfany der Brust bei Exspiration—[under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLEP: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth—well up into axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference-[Measured on men.]
- NAVY RECRUITS: Chest Circumference-[Measured on men.]
- THAI: Chest Circumference—average circumference...during normal breathing [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space† at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space† at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space† during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—during quiet breathing [Measured on men.]
- USAF '50: Chest Circumference [Measured on men.]
- USMC: Chest Circumfcrence-[Measured on men.]
- USN: Chest Circumfcrence—[Measured on men.]
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing [Measured on men.]

Bust Circumference—WAF RECRUITS (Continued)

WAC: Chest Circumference—horizontally just below the breasts. Normal breathing WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples...across the front above the fullness of the breasts... during normal breathing

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples...across the front below the fullness of the breasts...during normal breathing

WASP: Chest Circumference-Maximum circumference

WOMEN: Bust Circumference — Maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armscye—at the level of the armscye... horizontal plane... midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

In the reference dimension the status of respiration is described.

WAC: Breast Circumference

See Also:

Anterior Bust Arc

BUST GIRTH

Reference: WOMEN

Tape.... The subject's position was her normal, erect posture with feet together. The tape was passed around the chest so that the upper border was at the level indicated for the measurement of the maximum girth taverage height... at which it appeared that the girth would be the greatest and the zero point was at the center front. The anterior and posterior arcs of the girth lay in the same horizontal plane. The girth was measured without constriction of the musculature and mammary glands and the reading was made at the midpoint of respiration. [Subject wore a snug bandeaux.]

N: 10042

 \overline{X} : 90.47 cm; 35.62 in SD: 9.83 cm; 3.87 in

V%: 10.9

Similar Dimensions:

Equivalent:

Not Equivalent:

- AAF: Chest Circumference—just above nipples [Measured on men.]
- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- ARMY ARMORED: Chest Circumference just above nipples [Measured on men.]
- ARMY AVIATORS: Chest Circumference-at nipple level [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: [Chest Circumference]—well up under the armpits [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [!seasured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measu:ed on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled †just under the mammil.. in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the arm pits
- COMAS: Chest Circumference [Axllary, Full Exhalation]—just below the arm pits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the arm pits . . . at full inhalation

- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level contact the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoraeique [Inspiration]—[at xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at xiphoid process . . . minimal and maximal . . . divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mantelonnaire [calm respiration . . . tape . . . passes around above the two nippes] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration foreée— [forced inspiration...tape...passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration foreée [forced inspiration...tape...passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage
- GENEVA: Thorneic Circumference [Mean]—base of the ensiform cartilage

- JAPAN: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
 - MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
 - MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the arcola . . . maximum possible expiration]
 - MARTIN-SALLER: Umfany der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
 - MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . over the areola]
 - MONTAGU: Axillary Chest Girth-well up into axillary fossae
 - MONTAGU: Mesosternale Chest Girth-At the level of the mesosternale
- NATO: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space† at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space; at maximal inspiration [Monsured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space [Measured on men.]
- TUFTS: Chest Circumference-just above nipples [Measured on men.]
- USAF '50: Chest Circumference—nipples... maximum... during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing [Measured on men.]

USN: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]

VIETNAM: Chest Circ inference-nipples [Measured on men.]

WAC: Chest Circumference—horizontally just below the breasts . . . [Bra]

WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across front above the fullness of the breasts . . . [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across front below the fullness of the breasts . . . [Bra]

WOMEN: Chest Girth at Armscye-at the level of the armscye

Indeterminable:

In the following, status of respiration is not specified.

WASP: Chest Circumference

BUST HEIGHT

Reference: WOMEN

Anthropometer. †The subject stood erect.† The anthropometer was held vertical in the right hand and the moving arm lowered with the left until the brass point was on the landmark †the level at which it appeared that the girth would be the greatest†. [The subject wore a snug bandeaux.]

N: 10042

 \overline{X} : 114.43 cm; 45.05 in

SD: 5.87 cm; 2.31 in

V%: 5.1

Similar Dimensions:

None

See Also:

Nipple Height

BUTTOCK CIRCUMFERENCE

Reference: JAPAN

Subject stands erect. Holding the tape in a horizontal plane at the level of the greatest rearward protrusion of the buttocks, measure the circumference around the hip region.

N: 239

 \overline{X} : 89.28 cm; 35.15 in SD: 3.90 cm; 1.54 in

V%: 4.40

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat Circumference - around the largest part of the hips

FRANCE '65: Périmètre des fesses—[Maximum circumterence of the hips]

MONTAGU: Maximum Gluteo-Pubic Circumference - Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

Buttock Circumference-JAPAN (Continued)

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCK CIRCUMFERENCE

Reference: KOREA

Subject stands erect. Holding the tape in a horizontal plane at the level of the greatest rearward protrusion of the buttocks, measure the circumference around the hip region.

N: 264

 \overline{X} : 89.34 cm; 34.28 in SD: 4.85 cm; 1.91 in

V%: 5.42

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

Buttock Circumference—KOREA (Continued)

AUSTRALIA: Seat Circumfcrence-around the largest part of the hips

FRANCE '65: Périmètre des fesses-[Maximum circumference of the hips]

MONTAGU: Maximum Glutec-Pubic Circumference - Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference-over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCK CIRCUMFERENCE

Reference: NATO

Subject stands erect. Holding the tape in a horizontal plane, measure the circumference around the hip region at the level of the buttock circumference landmark †maximum posterior protrusion of the buttock†.

	Turkey	Grcece	Italy
N:	915	1084	13.58
$\overline{\mathbf{X}}$:	91.79 cm; 36.14 in	93.93 cm; 36.98 in	95.10 cm; 37.44 in
SD:	5.14 cm; 2.02 in	4.61 cm; 1.81 in	4.94 cm; 1.94 in
V%:	5.60	4.90	5.19

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

Buttock Circumference—NATO (Continued)

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference-over the most lateral part of the greater trochanters

AUSTRALIA: Seat Circumference—around the largest part of the hips FRANCE '65: Périmètre des fesses—[Maximum circumference of the hips]

MONTAGU: Maximum Gluteo-Pubic Circumference - Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

WASP: Hip Circumference—Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCK CIRCUMFERENCE

Reference: USAF '50

Subject stands erect. Holding the tape in a horizontal plane at the level of the greatest rearward protrusion of the buttocks, measure the circumference around the hip region.

N: 4049

 \overline{X} : 95.97 cm; 37.78 in SD: 5.81 cm; 2.29 in

V%: 6.05

Buttock Circumference-USAF '50 (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference
USMC: Hip Circumference
USN: Buttock Circumference
VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat Circumference - around the largest part of the hips

FRANCE '65: Périmètre des fesses-[Maximum circumference of the hips]

MONTAGU: Maximum Gluteo-Pubic Circumference - Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference-over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth—- at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCK CIRCUMFERENCE

Reference: USN

Subject stands erect. Holding the tape in a horizontal plane, measure the circumference around the hip region at the level of the buttock circumference landmark †maximum posterior protrusion of the buttock†.

N: 1549

 \overline{X} : 98.03 cm; 38.60 in SD; 5.07 cm; 2.00 in

V%: 5.17

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat Circumference—around the largest part of the hips

FRANCE '65: Périmètre des fesses-[Maximum circumference of the hips]

MONTAGU: Maximum Glutco-Pubic Circumference - Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Buttock Circumference-USN (Continued)

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCK CIRCUMFERENCE, SITTING

Reference: JAPAN

Subject sits erect with his knees bent at about right angles. With the tape passing just under the buttocks where they touch the sitting surface and brought up at about a 45-degree angle across the lap in the furrow between the torso and legs, measure the circumference of the buttocks.

N: 184

 \overline{X} : 97.47 cm; 38.37 in SD: 6.64 cm; 2.61 in

V%: 4.80

Similar Dimensions:

Equivalent:

KOREA: Buttock Circumference, Sitting NATO: Buttock Circumference, Sitting USAF '50: Buttock Circumference, Sitting

USN: Buttock Circumference, Sitting

WAF RECRUITS: Hip Circumference (Sitting)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

BUTTOCK CIRCUMFERENCE, SITTING

Reference: KOREA

Subject sits erect with his knees bent at about right angles. With the tape passing just under the buttocks where they touch the sitting surface and brought up at about a 45-degree angle across the lap in the furrow between the torso and legs, measure the circumference of the buttocks.

N: 264

 \overline{X} : 95.91 cm; 37.76 in

SD: 7.15 cm; 2.81 in

V%: 7.45

Similar Dimensions:

Equivalent:

JAPAN: Buttock Circumference, Sitting NATO: Buttock Circumference, Sitting USAF '50: Buttock Circumference, Sitting USN: Buttock Circumference, Sitting

WAF RECRUITS: Hip Circumference (Sitting)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

BUTTOCK CIRCUMFERENCE, SITTING

Reference: NATO

Subject sits erect with his knees bent at about right angles. With the tape passing just under the buttocks where they touch the sitting surface, and brought up at about a 45 degree angle across the lap in the furrow between the torso and legs, measure the circumference of the seated buttocks.

Buttock Circumference—NATO (Continued)

	Turkey	Greece	Italy
N:	915	1048	1358
$\overline{\mathbf{X}}$:	96.02 cm; 37.80 in	99.30 cm; 39.09 in	101.76 cm; 40.06 in
SD:	6.09 cm; 2.40 in	5.07 cm; 2.00 in	6.19 cm; 2.44 in
V%:	6.34	5.10	6.08

Similar Dimensions:

Equivalent:

JAPAN: Buttock Circumference, Sitting KOREA: Buttock Circumference, Sitting USAF '50: Buttock Circumference, Sitting USN: Buttock Circumference, Sitting

WAF RECRUITS: Hip Circumference (Sitting)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

BUTTOCK CIRCUMFERENCE, SITTING

Reference: USAF '50

Subject sits erect with his knees bent at about right angles. With the tape passing just under the buttocks where they touch the sitting surface and brought up at about a 45-degree angle across the lap in the furrow between the torso and legs, measure the circumference of the buttocks.

N: 4062

 \overline{X} : 106.02 cm; 41.74 in SD: 7.16 cm; 2.82 in

V%: 6.75

Buttock Circumference, Sitting-USAF'50 (Continued)

Similar Dimensions:

Equivalent:

JAPAN: Buttock Circumference, Sitting KOREA: Buttock Circumference, Sitting NATO: Buttock Circumference, Sitting USN: Buttock Circumference, Sitting

WAF RECRUITS: Hip Circumference (Sitting)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

BUTTOCK CIRCUMFERENCE, SITTING

Reference: USN

Subject sits erect with his knees bent at about right angles. With the tape passing just under the buttocks where they touch the sitting surface, and brought up at about a 45-degree angle across the lap in the furrow between the torso and legs, measure the circumference of the seated buttocks.

N: 1549

 \overline{X} : 106.44 cm; 41.90 in SD: 5.83 cm; 2.29 in

V%: 5.47

Similar Dimensions:

Equivalent:

JAPAN: Buttock Circumference, Sitting KOREA: Buttock Circumference, Sitting NATO: Buttock Circumference, Sitting USAF '50: Buttock Circumference, Sitting

WAF RECRUITS: Hip Circumference (Sitting)

Buttock Circumference, Sitting-USN (Continued)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

BUTTOCK DEPTH

Reference: KOREA

Subject stands erect. Holding the anthropometer horizontally on the subject's right side, measure the depth of the body at the level of the maximum protrusion of the buttocks.

N: 264

 \overline{X} : 20.69 cm; 8.44 in SD: 2.04 cm; 0.80 in

V%: 9.23

Similar Dimensions:

Equivalent:

FAA: Buttocks Depth NATO: Buttock Depth USAF '50: Buttock Depth USN: Buttock Depth

Not Equivalent:

None

Indeterminable:

None

See Also:

External Conjugate (Antero-Posterior) Diameter of the Pelvis Trunk Depth

BUTTOCK DEPTH

Reference: NATO

Subject stands erect. Holding the anthropometer on the subject's right side, measure the horizontal depth of the buttocks at the level of the landmark indicating their maximum posterior protrusion.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	22.63 cm; 8.91 in	22.84 cm; 8.99 in	23.72 cm; 9.34 in
SD:	1.98 cm; 0.78 in	1.66 cm; 0.65 in	1.83 cm; 0.72 in
V%:	8.73	7.27	7.69

Similar Dimensions:

Equivalent:

FAA: Buttocks Depth KOREA: Buttock Depth USAF '50: Buttock Depth USN: Buttock Depth

Not Equivalent:

None

Indeterminable:

None

See Also:

External Conjugate (Antero-Posterio) Diameter of the Pelvis Trunk Depth

BUTTOCK DEPTH

Reference: USAF '50

Subject stands erect. Holding the anthropometer horizontally on the subject's right side, measure the depth of the body at the level of the maximum protrusion of the buttocks.

N: 4058

 \overline{X} : 22.37 cm; 8.81 in SD: 2.09 cm; 0.82 in

V%: 9.34

Buttock Depth-USAF'50 (Continued)

Similar Dimensions:

Equivalent:

FAA: Buttocks Depth KOREA: Buttock Depth NATO: Buttock Depth USN: Buttock Depth

Not Equivalent:

None

Indeterminable:

None

See Also:

External Conjugate (Antero-Posterior) Diameter of the Pelvis Trunk Depth

BUTTOCK DEPTH

Reference: USN

Subject stands erect. Holding the anthropometer on the subject's right side, measure the horizontal depth of the buttocks at the level of the landmark indicating their maximum posterior protrusion.

N: 1549

X: 24.13 cm; 9.50 in SD: 1.87 cm; 0.74 in

V%: 7.74

Similar Dimensions:

Equivalent:

FAA: Buttocks Depth KOREA: Buttock Depth NATO: Buttock Depth USAF '50: Buttock Depth

Buttock Depth-USN (Continued)

Not Equivalent:

None

Indeterminable:

None

See Also:

External Conjugate (Antero-Posterior) Diameter of the Pelvis Trunk Depth

BUTTOCK HEIGHT

Reference: NATO

Subject stands erect. Using the anthropometer, measure the vertical distance from the standing surface to the buttock height landmark indicating the maximum posterior protrusion of the buttocks.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	84.67 cm; 33.33 in	84.91 cm; 33.43 in	86.55 cm; 34.07 in
SD:	3.91 cm; 1.54 in	3.97 cm; 1.56 in	4.40 cm; 1.73 in
V%:	4.61	4.68	5.08

Similar Dimensions:

None

See Also:

Gluteal Furrow Height

BUTTOCK-KNEE

Reference: AAF

Right side. Trunk erect. Knees together and knee angle at right angle; thighs horizontal. Contact measurement, buttock to skin over patella (knee-cap).

	Cadets	Gunners
N:	2954	582
Median:	59.93 cm; 23.6 in	59.77 cm; 23.1 in
SD:	NDA	NDA
V%:	NDA	NDA

Buttock-Knee-AAF (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee
FAA: Buttocks-Knee Length
FRANCE '65: Distance fesse-genou
KOREA: Buttock-Knee Length
NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knec Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length- uttocks hard against the backboard

US ADULTS: Buttock-Kne ... e. ength-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: ARMY ARMORED

Right side. Trunk erect. Knees together and knee angle at right angle; thighs horizontal. Contact measurement, buttock to skin over patella (knee-cap).

Reference cites AAF data for this dimension.

Buttock-Knee-ARMY ARMORED (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE'65: Distance fesse-genou KOREA: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length

NATO: Buttock-Knee Length

TUFTS: Buttock-Kncc

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knce Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh—from iliospinale to tibiate

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: ARMY QM

†Subject sits on a table with adjustable foot rest. Subject sits erect with thighs just touching the table and knees at right angles. The foot rest is adjusted so that his feet just rest on it. The knees are together.† With anthropometer held parallel to the line of contact of the legs, the measurement is taken between the most posterior point on the buttock, below the hips, and the most anterior point on the patella. Contact.

Buttock-Knee-ARMY QM (Continued)

N: 24244

 \overline{X} : 59.44 cm; 23.40 in SD: 2.84 cm; 1.12 in

V%: [4.78]

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knce Length

FAA: Buttocks-Knec Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knec Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP; Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: TUFTS

Right side. Trunk erect. Knees together and knee angle at right angle; thighs horizontal. Contact measurement, buttock to skin over patella (knee-cap).

No Data Available.

Buttock-Knee-TUFTS (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMCRED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee
FAA: Buttocks-Knee Length
FRANCE '65: Distance fesse-genou
KOREA: Buttock-Knee Length
NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length
USAF '59: Buttock-Knee Length
USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: USN

Subject sits erect, his feet resting on a surface adjusted so that the knees are bent at about right angles. Using the anthropometer, measure the horizontal distance from the rearmost surface of the right buttock to the front surface of the kneecap.

N: 1549

 \overline{X} : 61.20 cm; 24.09 in SD: 2.54 cm; 1.00 in

V%: 4.15

Buttock-Knee-USN (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knec Lcngth FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Lcngth

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knec WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh—from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon, with the lower leg vertical† with knees together. Anthropometer held to the left of the subject, parallel to the floor, and parallel to the line of contact between the thighs. Measurement taken from the most posterior point of the buttocks, below the hips, and the most anterior point on the patella.

No Data Available.

Buttock-Knee-W'AC (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length

ARMY ARMORED: Buttock-Knee Length

ARMY AVIATORS: Buttock-Knee

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] ... as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE

Reference: WASP

Right side. Trunk erect. Knees together and knee angle at right angle; thighs horizontal. Contact measurement, buttock to skin over patella (knee-cap).

	Pilots	Nurses
N:	477	152
$\overline{\mathbf{X}}$:	57.59 cm; 22.6 in	56.81 cm; 22.4 in
SD:	NDA	NDA
V%:	NDA	NDA

Buttock-Knee-WASP (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knec Length ARMY ARMORED: Buttock-Knce

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knec Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knec Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibicle

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: ARMY '66

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-knee length is measured as the horizontal distance from the back of the right buttock to the front of the right knee. An anthropometer is used.

N: 6682

 \overline{X} : 59.46 cm; 23.41 in

SD: 2.84 cm; 1.12 in

V%: 4.80

Buttock-Knee Length-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: ARMY AVIATORS

The distance from the back of the right buttock to the front of the knee cap, taken with the subject seated.

N: 500

 \overline{X} : 60.50 cm; 23.82 in SD: 2.74 cm; 1.08 in

V%: [4.53]

Buttock-Knee Lengtb-ARMY AVIATORS (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: KOREA

Subject sits erect, his feet resting on a surface so that the knees are bent at about right angles. Using the anthropometer, measure the horizontal distance from the rearmost point of the right buttock to the front of the kneecap.

N: 264

X: 53.83 cm; 26.10 in [Sic] [Est. 21.19 in]

SD: 2.17 cm; 0.86 in

V%: 4.04

Buttock-Knee Length--KOREA (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knce FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou NATO: Buttock-Knec Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: NATO

Subject sits erect, his feet resting on a surface adjusted so that the knees arc bent at about right angles. Using the anthropometer, measure the horizontal distance from the rearmost surface of the right buttock to the front surface of the kneecap.

	Turkey	Greece	Italy
N:	915	1084	1358
X:	56.99 cm; 22.44 in	57.41 cm; 22.60 in	58.23 cm; 22.33 in
SD:	2.38 cm; 0.94 in	2.43 cm; 0.96 in	2.60 cm; 1.02 in
V%:	4.18	4.22	4.47

Buttock-Knee Length-NATO (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttoek-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh—from iliospinale to tibiale

INDIA: Thigh [Length] -- sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: NAVY RECRUITS

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-knee length is measured as the horizontal distance from the back of the right buttock to the front of the right knee. An anthropometer is used.

N: 4095

 \overline{X} : 59.20 cm; 23.31 in SD: 2.74 cm; 1.08 in

V%: 4.63

Buttock-Knee Length-NAVY RECRUITS (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knce Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length THAI: Buttock-Knee Length

TUFTS: Buttock-Knee USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: THAI

†Subject sitting erect on table or bench† With legs bent to form right angle at knee, measured as distance from rearmost projection of buttock to front of right kneecap.

N: 2950

 \overline{X} : 53.8 cm; 21.2 in

SD: 2.5 cm; 1.0 in

V%: 4.6

Buttock-Knee Lengtb-THAI (Continued)

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttoek-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttoek-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Luttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttoek-Knee WASP: Buttoek-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttoek-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

None

BUTTOCK-KNEE LENGTH

Reference: US ADULTS

†Examinee seated on a flat, horizontal board, with the knees at right angles, thighs horizontal, and popliteal areas lightly touching the seat surface† The examinee sat erect, knees together, hands in lap, popliteal fossae (hollows at the back of the knee) at the front edge of the sitting board. The measurement was made between the bars of the anthropometer, from the most posterior protrusion of the sacral area to the foremost edge of the patella.

Buttock-Knee Length-US ADULTS (Continued)

	Men	Women
N:	3091	3581
$\overline{\mathbf{X}}$:	59.2 cm; 23.3 in	56.6 cm; 22.3 in
Est SD:	[3.10 cm; 1.22 in]	[3.20 cm; 1.26 in]
Est V%:	[19.1]	[18.0]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Buttock-Knee-Contact measurement, buttock to

ARMY '66: Buttock-Knee Length —from the back of the right buttock to the front of the right knee

ARMY ARMORED: Buttock-Knee-Contact measurement, buttock to

ARMY AVIATORS: Buttock-Knee Length-from the back of the right buttock

ARMY QM: Buttock-Knee—between the most posterior point on the buttock

BULGARIA: Length of the Thigh—from iliospinale to tibiale

FAA: Buttocks-Knee Length-from the most posterior point of the right buttock

FRANCE '65: Distance fesse-genou—[from the back of the buttock]

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

KOREA: Buttock-Knee Length-from the rearmost point of the right buttock

NATO: Buttock-Knee Length-from the rearmost surface of the right buttock

NAVY RECRUITS: Buttock-Knee Length—from the back of the right buttock to the front of the right knee

RAF-RCAF: Thigh Length-Buttocks hard against the back board.

THAI: Buttock-Knee Length-from rearmost projection of buttock

TUFTS: Buttock-Knee-Contact measurement, buttock to

USAF '50: Buttock-Knee Length-from the rearmost point of the right buttock

USMC: Buttock-Knee Length—from the back of the right buttock to the front

of the right knee

USN: Buttock-Knee-from the rearmost surface to the right buttock

VIETNAM: Buttock-Knee Length —from rearmost projection of buttock

WAC: Buttock-Knee-from the most posterior point of the buttocks

WASP: Buttock-Knee-Contact measurement, buttock to

Indeterminable:

BUTTOCK-KNEE LENGTH

Reference: USAF '50

Subject sits erect, his feet resting on a surface so that the knees are bent at about right angles. Using the anthropometer, measure the horizontal distance from the rearmost point of the right buttock to the front of the kneecap.

N: 4060

 \overline{X} : 60.00 cm; 23.62 in SD: 2.70 cm; 1.06 in

V%: 4.50

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length TUFTS: Buttock-Knee

USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the sacral area

Indeterminable:

BUTTOCK-KNEE LENGTH

Reference: USMC

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-knee length is measured as the horizontal distance from the back of the right buttock to the front of the right knee. An anthropometer is used.

N: 2008

X: 59.51 cm; 23.43 in SD: 2.71 cm; 1.07 in

V%: 4.57

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knce Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knce Length

THAI: Buttock-Knee Length

TUFTS: Buttock-Knee USAF '50: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knce Length-from the most posterior protrusion of the

sacral area

Indeterminable:

BUTTOCK-KNEE LENGTH

Reference: VIETNAM

†Subject sitting erect on table or bench† With legs bent to form right angle at knee, measured as distance from rearmost projection of buttock to front of right kneecap.

N: 2124

X: 52.7 cm; 20.7 in

SD: 2.7 cm; 1.1 in

V%: 5.1

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee FAA: Buttocks-Knee Length FRANCE '65: Distance fesse-genou KOREA: Buttock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length] -- sits back [against board] . . . as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length-from the most posterior protrusion of the

sacral area

Indeterminable:

BUTTOCK-LEG LENGTH

Reference: KOREA

Subject sits erect with his buttocks against the wall and his right leg extended as far as possible on the table. Touch the block against the base of the heel, and record the distance from the wall as indicated on the scale laid off on the table top.

N: 264

X: 101.04 cm; 39.78 in

SD: 4.19 cm; 1.65 in

V%: 4.14

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Leg Length, Sitting

BELGIUM: Longueur des jambes

FAA: Buttocks-Leg Length

FRANCE '65: Longueur utile du membre inférieur

INDIA: Total Leg [Length]
RAF-RCAF: Leg Length

TUFTS: Leg Length

USAF '50: Buttock-Leg Length

Not Equivalent:

FRANCE '55: Longueur de jambe-[Shoes must be worn]

Indeierminable:

None

See Also:

Heel on Floor with Leg Extended

BUTTOCK-LEG LENGTH

Reference: USAF '50

Subject sits erect with his buttocks against the wall and his right leg extended as far as possible on the table. Touch the block against the base of the heel, and record the distance from the wall as indicated on the scale laid off on the table top.

Buttock-Knee Length-USAF '50 (Continued)

N: 4060

 \overline{X} : 108.45 cm; 42.70 in SD: 5.18 cm; 2.04 in

V%: 4.78

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Leg Length, Sitting

BELGIUM: Longueur des jambes

FAA: Buttocks-Leg Length

FRANCE '65: Longueur utile du membre inférieur

INDIA: Total Leg [Length] KOREA: Buttock-Leg Length RAF-RCAF: Leg Length TUFTS: Leg Length

Not Equivalent:

FRANCE '55: Longueur de jambe-[Shoes must be worn]

Indeterminable:

None

See Also:

Heel on Floor with Leg Extended

BUTTOCK-POPLITEAL LENGTH

Reference: ARMY '66

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-popliteal length is measured as the horizontal distance from the back of the right buttock to the back of the right knee (popliteal area). An anthropometer is used.

N: 6682

 \overline{X} : 48.81 cm; 19.22 in SD: 2.51 cm; 0.99 in

V%: 5.13

Buttock-Popliteal Length-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

NATO: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Popliteal Length

THAI: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length

USMC: Buitock-Popliteal Length USN: Buttock-Popliteal Length

VIETNAM: Buttock-Poplited Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat]
TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None

BUTTOCK-POPLITEAL LENGTH

Reference: NATO

Subject sits erect, his feet resting on a surface adjusted so that the knees are bent at about right angles, and with the back of the calves in contact with the edge of the table. With the wooden block touching the rearmost surface of the buttocks, use the scale on the table surface to measure the horizontal distance from the most posterior protrusion of the right buttock to the back of the calf.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	47.46 cm; 18.69 in	47.31 cm; 18.63 in	47.96 cm; 18.88 in
SD:	2.58 cm; 1.02 in	2.33 cm; 0.92 in	2.45 cm; 0.96 in
V%:	5.43	4.91	5.10

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Popliteal Length

THAI: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length

Buttock-Popliteal Length-NATO (Continued)

USMC: Buttock-Popliteal Length
USN: Buttock-Popliteal Length
VIETNAM: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat] TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None

BUTTOCK-POPLITEAL LENGTH

Reference: NAVY RECRUITS

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-popliteal length is measured as the horizontal distance from the back of the right buttock to the back of the right knee (popliteal area). An anthropometer is used.

N: 4095

X: 48.94 cm; 19.27 in SD: 2.33 cm; 0.92 in

V%: 4.78

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length NATO: Buttock-Popliteal Length THAI: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length

USMC: Buttock-Popliteal Length USN: Buttock-Popliteal Length VIETNAM: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Scat Length—[Measurement not in plane of seat] TUFTS: Scat Length—[Measurement not in plane of seat]

Indeterminable:

BUTTOCK-POPLITEAL LENGTH

Reference: THAI

†Subject, sitting erect on table or bench† With legs bent to form right angle at knee, measured as distance from rearmost projection of buttock to back of right knee (medial head of gastrocnemius).

N: 2950

X: 44.5 cm; 17.5 in SD: 2.4 cm; 0.9 in

V%: 5.4

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length NATO: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length USMC: Buttock-Popliteal Length

USN: Buttock-Popliteal Length
VIETNAM: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat]
TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None

BUTTOCK-POPLITEAL LENGTH

Reference: US ADULTS

†Examinee seated on a flat, horizontal board, with the knees at right angles, thighs horizontal, and popliteal areas lightly touching the seat surface† The examinee sat erect, hands on knees, popliteal fossae †hollows at the back of the knec† at the edge of the sitting board. The measurement was made with an anthropometer, from the inner edge of a backboard (held in light contact with the examinee's back at right angles to the sitting board) to the front edge of the sitting surface.

Buttock-l'opliteal Length-US ADULTS (Continued)

Men

Women

N: 3091

3581

 \overline{X} : 49.3 cm; 19.4 in

48.0 cm; 18.9 in [3.15 cm; 1.24 in]

Est SD: [2.25 cm; 1.28 in]

[15.2]

Est V%: [15.2]

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length

NATO: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Popliteal Length

THAI: Buttock-Popliteal Length
USMC: Buttock-Popliteal Length
USN: Buttock-Popliteal Length
VIETNAM: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat] TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None

BUTTOCK-POPLITEAL LENGTH

Reference: USMC

Subject sits erect, with his feet resting on a surface adjusted so that his knees are bent at right angles. Buttock-popliteal length is measured as the horizontal distance from the back of the right buttock to the back of the right knee (popliteal area). An anthropometer is used.

N: 2008

 \overline{X} : 49.12 cm; 19.34 in

SD: 2.54 cm; 1.00 in

V%: 5.18

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length NATO: Buttock-Popliteal Length

Buttock-Popliteal Length-USMC (Continued)

NAVY RECRUITS: Buttock-Popliteal Length

THAI: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length

USN: Buttock-Popliteal Length

VIETNAM: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat] TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None "

BUTTOCK-POPLITEAL LENGTH

Reference: USN

Subject sits erect, his feet resting on a surface adjusted so that the knees are bent at about right angles, and with the back of the calves in contact with the edge of the table. With the wooden block touching the rearmost surface of the buttocks, use the scale on the table surface to measure the horizontal distance from the most posterior protrusion of the right but. It to the back of the calf.

N: 1549

 \overline{X} : 50.26 cm; 19.79 in SD: 2.52 cm; 0.99 in

V%: 5.01

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length

NATO: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Poplitea! Length

THAI: Puttock-Porliton' Length

US ADULTS: Buttock-Popliteal Length

USMC: Buttock-Popliteal Length

VIETNAM: Buttock-Popliteal Length

Buttock-Popliteal Length-USN (Continued)

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat] TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

None

BUTTOCK-POPLITEAL LENGTH

Reference: VIETNAM

†Subject, sitting erect on table or bench† With the legs bent to form right angle at knee, measured as distance from rearmost projection of buttock to back of right knee (medial head of gastrochemius).

N: 2124

X: 44.4 cm; 17.5 in

SD: 2.6 cm; 1.0 in

V%: 5.8

Similar Dimensions:

Equivalent:

ARMY '66: Buttock-Popliteal Length

NATO: Buttock-Popliteal Length

NAVY RECRUITS: Buttock-Popliteal Length

THAI: Buttock-Popliteal Length

US ADULTS: Buttock-Popliteal Length

USMC: Buttock-Popliteal Length USN: Buttock-Popliteal Length

Not Equivalent:

HOOTON: Seat Length—[Measurement not in plane of seat] TUFTS: Seat Length—[Measurement not in plane of seat]

Indeterminable:

BUTTOCKS CIRCUMFERENCE

Reference: FAA

In the standing position, the horizontal circumference of the hips at the level of greatest protrusion of the buttocks.

N: 681

X: 96.73 cm; 38.08 in

SD: 6.17 cm; 2.43 in

V%: 6.38

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hiv Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat Circumference—around the largest part of the hips FRANCE '65: Périmètre des fesses—[Maximum circumference of the hips] MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks...around...greater trochanters... level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference — midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCKS CIRCUMFERENCE

Reference: WAF RECRUITS

Subject stands. Hold the tape in a horizontal plane, passing over the area of the most posterior projection of the buttocks.

N: 847

 \overline{X} : 93.73 cm; 36.90 in SD: 5.40 cm; 2.13 in

V%: 5.76

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Scat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Scat [Circumference]—around the largest part of the hips

FRANCE '65: Périmètre des fesses—[Maximum circumference of the hips]
MONTAGU: Maximum Glutco-Pubic Circumference—Hip Girth—over the most
prominent portion of the buttocks... around... greater trochanters...
level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference-over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

BUTTOCKS DEPTH

Reference: FAA

The depth of the body at the point of maximum protrusion of the buttocks.

N: 681 X: 23.99 cm; 9.44 in SD: 2.22 cm; 0.88 in

V%: 9.28

Similar Dimensions:

Equivalent:

KOREA: Buttock Depth NATO: Buttock Depth USAF '50: Buttock Depth USN: Buttock Depth

Not Equivalent:

None

Indeterminable:

None

See Also:

External Conjugate (Antero-Posterior) Diameter of the Pelvis Trunk Depth

BUTTOCKS-KNEE LENGTH

Reference: FAA

With subject seated, the horizontal distance from the most posterior point of the right buttock to the front of the knee cap.

Buttocks-Knee Length-FAA (Continued)

N: 680

 \overline{X} : 60.27 cm; 23.73 in SD: 2.79 cm; 1.10 in

V%: 4.60

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length ARMY ARMORED: Buttock-Knee

ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee

FRANCE '65: Distance fesse-genou KOREA: Biltock-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Butiock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh-from iliospinale to tibiale

INDIA: Thigh [Length]—sits back [against board] ... as "hard" as possible

RAF-RCAF: Thigh Length-buttocks hard against the backboard

US ADULTS: Buttock-Knee Length—from the most posterior protrusion of the sacral area

Indeterminable:

BUTTOCKS-LEG LENGTH

Reference: FAA

With the subject seated and right leg extended, the distance from the base of the right heel to the most dorsal point of the right buttock.

N: 681

 \overline{X} : 108.41 cm; 42.68 in SD: 4.89 cm; 1.93 in

V%: 4.51

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Leg Length, Sitting

BELGIUM: Longueur dcs jambes

FRANCE '65: Longueur utile du membre inférieur

INDIA: Total Leg [Length]
KOREA: Buttock-Leg Length
RAF-RCAF: Leg Length

TUFTS: Leg Length

USAF: '50: Buttock-Leg Length

Not Equivalent:

FRANCE '55: Longueur de jambe-[Shoes must be worn]

Indeterminable:

None

See Also:

Heel on Floor with Leg Extended

Reference: AAF

Weight even on both feet. Left calf, maximum horizontal, of three attempts.

Cadets

Gunners

N: 2955

Median: 35.93 cm; 14.1 in

SD: NDA

V%: NDA

581

35.02 cm; 13.8 in

NDA NDA

Similar Dimensions:

Equivalent:

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE 65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle

with the thigh

Indeterminable:

Reference: ARMY '66

Subject stands erect, with his feet slightly apart. The horizontal circumference of the right lower leg is measured at the level of the greatest bulge of the calf muscle. A steel tape is used.

N: 6682

 \overline{X} : 36.60 cm; 14.41 in

SD: 2.66 cm; 1.05 in

V%: 7.29

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle

with the thigh

Indeterminable:

Reference: ARMY ARMORED

Weight even on both feet. Left calf, maximum horizontal, of three attempts.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumjerence of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

None

CALF CIRCUMFERENCE

Reference: ARMY QM

†Erect posture, legs spread slightly . . . † The maximum circumference of the

Calf Circumference—ARMY QM (Continued)

leg at the calf taken in a plane at right angles to the long axis of the tibia. Measured three times and the maximum recorded.

N: 24686

 \overline{X} : 35.76 cm; 14.08 in SD: 2.38 cm; 0.94 in

V%: [8.50]

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle

with the thigh

Indeterminable:

None

CALF CIRCUMFERENCE

Raference: FAA

The maximum circumference of the calf.

Calf Circumference—FAA (Continued)

N: 681

X: 36.62 cm; 14.42 in SD: 2.45 cm; 0.96 in

V%: 6.59

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

None

CALF CIRCUMFERENCE

Reference: JAPAN

Subject stands. Holding the tape in a horizontal plane, measure the maximum circumference of the right calf.

Calf Circumference—JAPAN (Continued)

IN: 237

 \overline{X} : 35.72 cm; 14.06 in SD: 2.12 cm; 0.83 in

V%: 5.90

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '56: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumserence

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Culf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle

with the thigh

Indeterminable:

None

CALF CIRCUMFERENCE

Reference: KOREA

Subject stands. Holding the tape in a horizontal plane, measure the maximum circumference of the right calf.

Calf Circumference—KOREA (Continued)

N: 264

 \overline{X} : 35.37 cm; 13.93 in SD: 2.42 cm; 0.95 in

V%: 6.83

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

'THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

None

CALF CIRCUMFERENCE

Reference: NATO

Subject stands. Holding the tape in a horizontal plane, measure the maximum

Calf Circumference—NATO (Continued)

circumference of the right calf at the level of the landmark †maximum circumference of the calf†.

Turkey	Greece	Italy
N: 915	1084	1358
X: 35.54 cm; 13.99 in	36.08 cm; 14.20 in	36.46 cm; 14.35 in
SD: 2.30 cm; 0.91 in	2.15 cm; 0.85 in	2.21 cm; 0.87 in
V%: 6.46	5.95	6.05

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumjerence

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: NAVY RECRUITS

Subject stands erect, with his feet slightly apart. The horizontal circumference of the right lower leg is measured at the level of the greatest bulge of the calf muscle. A steel tape is used.

N: 4095

 \overline{X} : 36.49 cm; 14.37 in SD: 2.71 cm; 1.07 in

V%: 7.47

V %: 1.40

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumserence

ARMY ARMORED: Calf Circumference ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: THAI

Measured as maximum circumference of right calf.

N: 2950

 \overline{X} : 34.2 cm; 13.5 in SD: 2.3 cm; 6.5 in

V%: 6.7

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: THOUSAND AVIATORS

Maximal value while the subject stood on a chair with his legs slightly apart.

N: 675

 \overline{X} : 37.22 cm; 14.65 in SD: 2.14 cm; 0.84 in

V%: [5.73]

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference
USAF '50: Calf Circumference
USMC: Calf Circumference
USN: Calf Circumference
VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle

with the thigh

Indeterminable:

Reference: USAF '50

Subject stands. Holding the tape in a horizontal plane, measure the maximum circumference of the right calf.

N: 4048

 \overline{X} : 36.57 cm; 14.40 in

SD: 2.44 cm; 0.96 in

V%: 6.67

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe

GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: USMC

Subject stands erect, with his feet slightly apart. The horizontal circumference of the right lower leg is measured at the level of the greatest bulge of the calf muscle. A steel tape is used.

N: 2008

 \overline{X} : 37.16 cm; 14.63 in SD: 2.33 cm; 0.92 in

V%: 6.32

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: USN

Subject stands. Holding the tape in a horizontal plane, measure the maximum circumference of the right calf at the level of the landmark †maximum circumference of the calf†.

N: 1549

 \overline{X} : 37.49 cm; 14.76 in

SD: 2.20 cm; 0.87 in

V%: 5.88

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: VIETNAM

Measured as maximum circumference of right calf.

 $\begin{array}{c} N\colon 2123\\ \overline{X}\colon 32.5\ cm;\ 12.8\ in\\ SD\colon 2.1\ cm;\ 0.8\ in\\ V\%\colon 6.5\% \end{array}$

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: C. Circumference

ARMY ARMON ED: Calf Circumference

ARMY QM: Talf Circumference

MAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: WAF RECRUITS

Subject stands. Pass the tape horizontally over the maximum bulge of the right calf.

N: 846

 \overline{X} : 34.08 cm; 13.42 in

SD: 2.48 cm; 0.98 in

V%: 7.29

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

U F '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

Reference: WASP

Weight even on both feet. Left calf, maximum horizontal, of three attempts.

Women Pilots	Flying Nurses
N: 444 X: 35.00 cm; 13.78 in	149 34.42 cm; 13.55 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

CALF GIRTH

Reference: WOMEN

Tape.†The subject's position was her normal erect posture with her hands away from her hips. The feet were parted a few centimeters to permit the tape to pass freely between the medial surfaces of the thighst ... The tape was placed around the calf where the measurer, by inspection of the posterior profile, judged the girth to be maximum. The plane of the girth was kept parallel with the floor.

 $\frac{N}{X}$: 10042 $\frac{N}{X}$: 34.16 cm; 13.45 in SD: 3.05 cm; 1.20 in

V%: 9.0

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jumbe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference
USMC: Calf Circumference
USN: Calf Circumference
VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with the thigh

Indeterminable:

CALF HEIGHT

Reference: ARMY '66

Subject stands erect, with heels together. Calf height is measured as the vertical distance from the floor (or standing surface) to the level of the greatest bulge of the right calf muscle. An anthropometer is used.

N: 6682

X: 35.40 cm; 13.94 in SD: 2.69 cm; 1.06 in

V%: 7.62

Similar Dimensions:

Equivalent:

NATO: Calf Height

NAVY RECRUITS: Calf Height

USMC: Calf Height

WAF RECRU!TS: Calf Height

Not Equivalent:

None

Indeterminable:

None

CALF HEIGHT

Reference: NATO

Subject stands erect. Using the anthropometer, measure the vertical distance from the standing surface to the landmark the level of the maximum circumference of the calft indicating the maximum circumference of the right calf.

Turkey	Greece	Italy
N: 915	1084	1358
X: 33.69 cm; 13.26 in	34.11 cm; 13.43 in	34.56 cm; 13.61 in
SD: 1.94 cm; 0.76 in	2.07 cm; 0.81 in	2.09 cm; 0.82 in
V%: 5.76	6.05	6.05

Calf Height-NATO (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Calf Height

NAVY RECRUITS: Calf Height

USMC: Calf Height

WAF RECRUITS: Calf Height

Not Equivalent:

None

Indeterminable:

None

· CALF HEIGHT

Reference: NAVY RECRUITS

Subject stands erect, with heels together. Calf height is measured as the vertical distance from the floor (or standing surface) to the level of the greatest bulge of the right calf muscle. An anthropometer is used.

N: 4094

 \bar{X} : 36.11 cm; 14.22 in

SD: 2.63 cm; 1.05 in

V%: 7.38

Similar Dimensions:

Equivalent:

ARMY '66: Calf Height NATO: Calf Height

USMC: Calf Height

WAF RECRUITS: Colf Height

Not Equivalent:

None

Indeterminable:

CALF HEIGHT

Reference: USMC

Subject stands erect, with heels together. Calf height is measured as the vertical distance from the floor (or standing surface) to the level of the greatest bulge of the right calf muscle. An anthropometer is used.

N: 2608 X: 36.80 cm; 14.19 in SD: 2.69 cm; 1.06 in V%: 7.47

Similar Dimensions:

Equivalent:

ARMY '66: Calf Height NATO: Calf Height NAVY RECRUITS: Calf Height

WAF RECRUITS: Calf Height

Not Equivalent:

None

Indeterminable:

None

CALF HEIGHT

Reference: WAF RECRUITS

Subject stands. With the anthropometer measure the height from the floor to the marked point on the right calf. [Level of maximum calf circumference]

N: 851 \overline{X} : 33.09 cm; 13.03 in SD: 2.71 cm; 1.07 in V%: 8.19

Similar Dimensions:

Equivalent:

ARMY '66: Calf Height

Calf Height-WAF RECRUITS (Continued)

NATO: Calf Height

NAVY RECRUITS: Calf Height

USMC: Calf Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: ARMY '66

Subject stands erect, with heels together and head level. Cervicale Height is measured as the vertical distance from the floor to the cervical point (the body protrusion of the 7th cervical vertebra at the base of the neck). An anthropometer is used.

X: 149.55 cm; 58.88 in SD: 6.35 cm; 2.50 in

V%: 4.24

Similar Dimensions:

Equivalent:

ARMY QM: Cervicale Height

FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

Cervicale Height—ARMY '65 (Continued)

Indeterminable:

None

CERVICALE HEIGHT

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† Measurement is taken vertically to cervicale †The tip of the spine of the seventh cervical vertebra at the base of the neckt.

 $\frac{N}{X}$: 21141 $\frac{N}{X}$: 149.20 cm; 58.74 in

SD: 6.05 cm; 2.38 in

V%: [4.06]

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

CERVICALE HEIGHT

Reference: FAA

Vertical distance from point cervicale (the bony prominence at the base of the neck) to the floor.

N: 678

X: 150.27 cm; 59.16 in

SD: 5.79 cm; 2.28 in

V%: 3.86

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height

NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: JAPAN

Subject stands erect. Using the anthropometer, measure the vertical distance from the floor to the point marked on the posterior base of the neck (bony bump formed by the 7th cervical vertebra).

Cervicale Height-JAPAN (Continued)

N: 223

 \overline{X} : 141.16 cm; 55.57 in SD: 5.08 cm; 2.00 in

V%: 3.60

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: KOREA

Subject stands erect. Using the anthropometer, measure the vertical distance from the floor to the point marked on the posterior base of the neck (bony bump formed by the 7th cervical vertebra).

N: 264

 \overline{X} : 142.18 cm; 55.98 in SD: 4.49 cm; 1.97 in

V%: 3.16

Similar Dimensions:

Equivalent:

Cervicale Height—KOREA (Continued)

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: NATO

Subject stands erect, his head in the Frankfort plane. Using the anthropometer, measure the vertical distance from the standing surface to the cervicale landmark indicating the protrusion of the spinous process of the 7th cervical vertebra.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	143.69 cm; 56.57 in	144.50 cm; 56.89 in	145.66 cm; 57.35 in
SD:	5.45 cm; 2.15 in	5.49 cm; 2.16 in	6.01 cm; 2.37 in
V%:	3.79	3.80	4.13

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height

Cervicale Height—NATO (Continued)

KOREA: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: NAVY RECRUITS

Subject stands erect, with heels together and head level. Cervicale Height is measured as the vertical distance from the floor to the cervical point (the body protrusion of the 7th cervical vertebra at the base of the neck). An anthropometer is used.

N: 4095

 \overline{X} : 149.63 cm; 58.91 in SD: 6.32 cm; 2.49 in

V%: 4.22

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height USAF '50: Cervicale Height USMC: Cervicale Height

USN: Cervicale Height

Cervicale Height—NAVY RECRUITS (Continued)

WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: USAF '50

Subject stands erect. Using the anthropometer, measure the vertical distance from the floor to the point marked on the posterior base of the neck (bony bump formed by the 7th cervical vertebra).

N: 4062

 \overline{X} : 150.07 cm; 59.08 in SD: 5.87 cm; 2.31 in

V%: 3.91

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

Cervicale Height-USAF '50 (Continued)

Indeterminable:

None

CERVICALE HEIGHT

Reference: USMC

Subject stands erect, with heels together and head level. Cervicale Height is measured as the vertical distance from the floor to the cervical point (the bony protrusion of the 7th cervical vertebra at the base of the neck). An anthropometer is used.

N: 2008

 \overline{X} : 149.58 cm; 58.89 in SD: 6.09 cm; 2.40 in V%: 4.08

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

CERVICALE HEIGHT

Reference: USN

Subject stands erect, his head in the Frankfort plane. Using the anthropometer, measure the vertical distance from the standing surface to the cervicale landmark indicating the protrusion of the spinous process of the 7th cervical vertebra.

N: 1549

X: 151.16 cm; 59.51 in

SD: 5.54 cm; 2.18 in

V%: 3.67

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height

KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† Mcasurement taken from floor vertically to cervicale †The most dorsally protruding point on the spine of the 7th cervical vertebra†.

Cervicale Height-WAC (Continued)

N: 8531

 \overline{X} : 138.46 cm; 54.51 in SD: 5.78 cm; 2.28 in

V%: [4.2]

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height

WAF RECRUITS: Cervicale Height

WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: WAF RECRUITS

Subject stands. Measure from the floor to the marked cervicale point $\dagger the$ projecting tip of the 7th ncck vertebra (at the base of the neck) \dagger with the anthropometer.

N: 852

 \overline{X} : 138.18 cm; 54.40 in

SD: 5.92 cm; 2.33 in

V%: 4.29

Cervicale Height-WAF RECRUITS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height WOMEN: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE HEIGHT

Reference: WOMEN

Anthropometer . . . The position of the subject was normal, nonfatigue, away from the wall so that the anthropometer could be placed back of her. The eyes were directed forward and the head held erect. The palms of the hands were placed on the thighs. . . . The anthropometer was held vertical in the right hand in line with the center back. . . . The point was lowered to the cervicale in the center of the spinous process of the seventh cervical vertebrat. [Height from floor]

N: 10042

 \overline{X} : 137.97 cm; 54.32 in SD: 5.84 cm; 2.30 in

V%: 4.2

Similar Dimensions:

Cervicale Height-WOMEN (Continued)

Equivalent:

ARMY '66: Cervicale Height ARMY QM: Cervicale Height FAA: Cervicale Height JAPAN: Cervicale Height KOREA: Cervicale Height NATO: Cervicale Height

NAVY RECRUITS: Cervicale Height

USAF '50: Cervicale Height USMC: Cervicale Height USN: Cervicale Height WAC: Cervicale Height

WAF RECRUITS: Cervicale Height

Not Equivalent:

None

Indeterminable:

None

CERVICALE-LATERAL NECK POINT

Reference: WAC

tSubject stood erect without stretching, eyes on an imaginary horizont Measurer stood in rear of subject. Measurement taken from left lateral neck point the point at which the lateral line of the neck meets the superior surface of the shouldert cervicale the most dorsally protruding point on the spine of the 7th cervical vertebrat. Tape kept in contact with the skin.

N: 8528

 \overline{X} : 9.12 cm; 3.59 in SD: 0.94 cm; 0.37 in

V%: [10.31]

Similar Dimensions:

None

CERVICALE TO WAIST ANTERIOR

Roference: WOMEN

Tape. . . . The subject stood in Ler normal, erect position. . . . The zero point of the tape was placed on the cervicale. The tape was then guided along the right side of the neck base to the shoulder-line intersection. From this point it was allowed to follow the contour of the body to the waist level thies at the lower edge of the lowest rib and was found by palpating the sides of the body in the midaxillary line at the center front, where the reading was taken.

N: 10042

 \overline{X} : 48.51 cm; 19.10 in SD: 2.79 cm; 1.10 in

V%: 5.7

Similar Dimensions:

Equivalent:

None

Not Equivalent:

JAPAN: Waist Front - from . . . (suprasternale) . . . to . . . † the level of greatest lateral indentation in the region of the abdomen

KOREA: Waist Front - from . . . (suprasternale) . . . to . . . † the level of greatest lateral indentation in the region of the abdomen

NATO: Waist Front-Omphalion - from suprasternale . . . to the center of the umbilicus.

USAF '50: Waist Front - from . . . (suprasternale) . . . to . . . † the level of greatest lateral indentation in the region of the abdomen

WAC: Lateral Neck Point-Waist - from left lateral neck point . . . to the level of the anterior waist point †minimal circumference between iliac crests and the 12th rib

WAF RECRUITS: Waist Front to Cervicale - from . . . cervicale . . . over the right shoulder to the waist point . . . [. . . between omphalion and greatest lateral indentation . . .]

WOMEN: Anterior Waist Length - Neck base . . . in the center front . . . [to] . . . lower edge of the lowest rib

Indeterminable:

None

CHEST [CIRCUMFERENCE]

Reference: AUSTRALIA

Chest [Circumference] -AUSTRALIA (Continued)

The horizontal circumference taken well up under the armpits with the chest neither expanded nor contracted.

N: 3472

X: 97.73 cm; 38.48 in

SD: 6.52 cm; 2.57 in V%: [6.67]

Similar Dimensions:

Equivalent:

COMAS: Chest Circumference [Axillary, Calm Respiration] [When measured on

MONTAGU: Axillary Chest Girth - [When measured on men.]

Not Equivalent:

AAF: Chest Circumference-Horizontal . . . just above nipples

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing

ARMY ARMORED: Chest Circumference-Horizontal . . . just above nipples

ARMY AVIATORS: Chest Circumference-at nipple level

ARMY QM: Chest Circumference—tape on the areolae above the nipples

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled just under the mammilla in front

BULGARIA: Chest Circumference upon Exhaling [Women] — the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front

Chest [Circumference] -AUSTRALIA (Continued)

- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled . . . †the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axilary, Calm Respiration] [When measured on women.]
- COMAS: Chest Circumference [Axillary, Full Exhaution]-at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]-at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Colm Respiration, Men]-at the nipples
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples ... minimum ehest eireumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum ehest eircumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid eartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracie circumference . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Mean] [at xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at xiphoid process . . . after deep inhalation]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passes around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]

Chest [Circumference]—AUSTRALIA (Continued)

- GENEVA: Thorocic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[When measured on women.]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfany der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen--[under bottom edge of the scapulae . . . over the areola]
- MONTAGU: Axillary Chest Girth [When measured on women.]
- MONTAGU: Mesosternale Chest Girth-[When measured on women.]
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference-at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space† at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space† at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples
- USAF '50: Chest Circumference—nipples...maximum...during normal breathing
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- USN: Chest Circumference—nipples . . . maximum . . . during normal breathing VIETNAM: Chest Circumference—nipples
- WAC: Breast Circumference—passing over both nipples. [Bra] [Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples... at the maximum dimension during normal breathing [Measured on women.]

Chest [Circumference] - AUSTRALIA (Continued)

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples...across front above fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples...across front below fullness of the breasts [Measured on women.]

WASP: Chest Girth—maximum . . . over breasts [Measured on women.] WOMEN: Bust Circumference—maximum girth [Measured on women.]

Indeterminable:

In the reference dimension, the passage of the tape across the front and back of the thorax is not clearly specified. Comparability can not be determined when the following are measured on the same sex as that of the reference dimension.

MARTIN: Umfang der Brust bei ruhigem Atmen

MONTAGU: Mesosternale Chest Girth

CHEST [DEPTH, SITTING]

Reference: INDIA

†The height of the seat $[13\frac{1}{2}]$ in, 34.3 em] is first adjusted by adding to or reducing the number of pieces of wooden blocks $[\frac{1}{2}]$ in, 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing . . . arm touching against the side of the body and the fore-arm at right angle and arm with palm stretched facing inwards.† . . . block placed at the nipple level.

N: 691

X: 22.34 cm; 8.80 in

SD: 1.38 cm; 0.54 in **V%:** [6.18]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth-fixed arm of anthropometer in spinal groove

Chest (Depth, Sitting)-INDIA (Continued)

ARMY '66: Chest Depth - Subject stands erect. . . . An anthropometer is used ARMY ARMORED: Chest Depth - fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Stand at attention. Greatest thickness

ARMY AVIATORS: Chest Depth - [Subject free standing]

ARMY QM: Chest Depth - Subject stands erect . . . anthropometer

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale ... pelvimeter

FAA: Chest Depth - [Subject free standing]

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [The subject stands . . .at the level of the fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - The subject stands erect . . . at the level of the base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean]
- The subject stands erect . . . at level of the base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - The subject stands erect. . .at the level of the upper border of the fourth chondro-sternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - The subject stands erect . . . at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - stands in natural, easy, erect position

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

KOREA: Chest Depth - Subject stands erect . . .anthropometer

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - (Large Spreading Caliper). At the level of the inferior angles of the scapulae

NATO: Chest Depth - Subject stands erect. . .anthropometer

NAVY RECRUITS: Chest Depth - Subject stands erect . . . An anthropometer is used

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - [Subject free standing]

TUFTS: Chest Depth - fixed arm of anthropometer in spinal groove

USAF '50: Chest Depth - Subject stands erect. . .anthropometer

USMC: Chest Depth - Subject stands erect. . . An anthropometer is used

USN: Chest Depth - Subject stands erect. . .anthropometer

WAC: Chest Depth - Subject stood erect. . Anthropometer. . .high in the axilla

Indeterminable:

Chest (Depth, Sitting)—INDIA (Continued)

None

See Also:

Trunk Depth

CHEST ANTERIOR-POSTERIOR DIAMETER

Reference: THOUSAND AVIATORS

†measured at the level of the nipple during normal breathing† Maximal anterior-posterior diameter with subject's arms at his sides.

N: 675

 \bar{X} : 22.96 cm; 9.04 in

SD: 1.71 cm; 0.67 in

V%: [7:45]

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum. . .fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum., fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer...just above the nipples...body of anthropometer [projects] †downward and back ward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale Measured with pelvimeter

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [at the. . .fourth costal cartilage]

Chest Anterior-Posterior Diameter—THOUSAND AVIATORS (Continued)

- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid-Intermediate Stage] at the level of the base of the ensiform [xiphoid] cartilage†. tintermediate stage† textremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Mean] at the level of the base of the ensiform [xiphoid] cartilage† †mean of measurements taken at extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Intermediate Stage] at the level of the upper border of the fourth chondrosternal articulation.† †measurement. . .made in the intermediate stage† †extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Mean] at the level of the upper border or the fourth chondro-sternal articulation. † the fourth of the upper border or the fourth chondro-sternal articulation. † the fourth of the upper border or the fourth chondro-sternal articulation.
- HRDLICKA: Antero-Posterior Diameter of the Chest [Men] forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees† †medium between normal inspiration and expiration
- HRDLICKA: Antero Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . .arms. . .forward. . . .65 degrees† †medium between normal inspiration and expiration
- INDIA: Chest [Depth, Sitting] seat . . .back against one wing of the board+ block placed at the nipple level
- MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae. . . . mean of . . . measurements made at expiration and inspiration
- TUFTS: Chest Depth Contact to sternum. . .fixed arm of anthropometer in spinal groove
- WAC: Chest Depth left arm extended forward horizontally. . .high in the axilla. . .maximum anterior posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth -[position of subject's arms not specified]

See Also:

Trunk Depth

CHEST BREADTH

Reference: AAF

Flat portion of anthropometer against chest at nipple level. Use only moderate pressure.

Chest Breadth-AAF (Continued)

Cadets

Gunners

N: 2957

Median: 28.75 cm; 11.3 in

SD: NDA

V%: NDA

581

28.21 cm; 11.1 in

NDA

NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head as far as possible. . .greatest width

ARMY QM: Chest Breadth - Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - in the horizontal plane at the level of the upper border of the 4th chondro-sternal articulation

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - in the horizontal plane at the level of the upper border of the 4th chondro-sternal articulation

HRDLICKA: Transverse Diameter of the Chest [Men] - arms are lifted somewhat forward and to about 65 degrees outward. ..the fixed branch is pressed against the right side. ..until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation. . . the fixed branch is pressed against the right side. . . until it meets with the resistance of the ribs

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - distance between the most lateral points on the chest

NATO: Chest Breadth - Bone - instrument at the level of. . .nipples. . .Angle the tips of the anthropometer arms downward. . .strong pressure

USN: Chest Brendth - instrument at the level of ...nipples. .. Angle the tips of the anthropometer arms downward. .. strong pressure

With the 1 - 1 - minth

Chest Breadth-AAF (Continued)

WAC: Chest Breadth - needles extend downward and backward through and as high in the axilla as possible

Indeterminable:

Stage of respiration in reference dimension description not specified.

ARMY ARMORED: Chest Breadth

ARMY '66: Chest Breadth FAA: Chest Breadth KOREA: Chest Breadth

NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: ARMY '66

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place. The breadth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 6682

 \overline{X} : 30.58 cm; 12.04 in

SD: 2.13 cm; 0.84 in

V%: 7.02

Similar Dimensions:

Equivalent:

FAA: Chest Breadth KOREA: Chest Breadth NATO: Chest Breadth - Skin

Chest Breadth-ARMY '66 (Continued)

NAVY RECRUITS: Chest Breadth THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head. . .greatest width

ARMY QM: Chest Breadth - just above the nipples. . Firm pressure applied BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale

FRANCE '65: Diamètre transverse de la poitrine - [at the. . .fourth costal cartilage]

GENEVA: Transverse Diametre of Thorax (no. 1) [Xiphrid - Intermediate] - at the level of the base of the ensiform cartilage. . .intermediate stage as regards. . .extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage †mean of. . .extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the border of the 4th chondro-sternal articulation †intermediate stage as regards. . .extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation + mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - fixed branch [of Anthropometer] pressed against. . .thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - most lateral points on the chest. . . mean of. . . expiration and inspiration

NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side. . .necdies extend downward and backward. . .high in the axilla. . .maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF, Chest Breadth

ARMY ARMORED: Chest Breadth

Chest Breadth-ARMY '66 (Continued)

WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: ARMY ARMORED

Flat portion of anthropometer against chest at nipple level. Use only moderate pressure.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head as far as possible. . .greatest width

ARMY QM: Chest Breadth - Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of mesosternale

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - in the horizontal plane at the level of the upper border of the 4th chondrosternal articulation

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - in the horizontal plane at the level of the upper border of the 4th chonure-sternal art culation

HRDLICKA: Transverse Diameter of the Chest [Men] - arms are lifted somewhat forward and to about 65 degrees outward . . . the fixed

Chest Breadth-ARMY ARMORED (Continued)

branch is pressed against the right side . . . until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . the fixed branch is pressed against the right side . . . until it meets with the resistance of the ribs

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - distance between the most lateral points on the chest

USN: Chest Breadth - instrument at the level of . . . nipples. . . . Angle the tips of the anthropometer arms downward . . . strong pressure

WAC: Chest Breadth - needles extend downward and backward through and as high in the axilla as possible

Indeterminable:

Stage of respiration in reference dimension description is not specified.

AAF: Chest Breadth
ARMY '66: Chest Breadth
FAA: Chest Breadth
KOREA; Chest Breadth
NATO: Chest Breadth - Skin
NAVY RECRUITS: Chest Breadth
THOUSAND AVIATORS: Chest Breadth
USAF '50: Chest Breadth
USMC: Chest Breadth

WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† Breathing normally. Chest is neither expanded nor contracted. Anthropometer held horizontally, just above the nipples. The arms of the anthropometer project downward and backward so as to avoid the back muscles. Firm pressure applied.

Chest Breadth-ARMY QM (Continued)

N: 24574

 \overline{X} : 28.30 cm; 11.14 in

SD: 1.96 cm: 0.77 in

V%: [6.93]

Similar Dimensions:

Equivalent:

NATO: Chest Breadth - Bone

USN: Chest Breadth

Not Equivalent:

AAF: Chest Breadth - at nipple level. . . . moderate pressure

ARMY '66: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

ARMY ARMORED: Chest Breadth - at nipple level . . . moderate pressure

ARMY ARMORED. Chest Width - Arms fully extended above head . . . greatest width

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale.

Measured with pelvimeter

FAA: Chest Breadth - at the nipple level, during normal breathing

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation. †in the intermediate stage as regards... the extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale Mean] - at the level of the upper border of the 4th chondro-sternal articulation. ithe mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

KOREA: Chest Breadth - at the level of the nipples

Chest Breadth-ARMY QM (Continued)

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - between the most lateral points on the chest. The mean . . . expiration and inspiration . . . breathing normally. [Contact]

NATO: Chest Breadth - Skin - at the level of the subject's nipples

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

THOUSAND AVIATORS: Cnest Breadth - at the level of the nipple during normal breathing

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

WAC: Chest Breadth - arms extended horizontally to the side. . . . needles extend downward and back.vard . . . high in the axilla
WAF RECRUITS: Guest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: FAA

The maximum transverse diameter of the chest, at the nipple level, during normal breathing.

N: 681

 \overline{X} : 32.75 cm; 12.89 in

SD: 2.33 cm; 0.91 in

V%: 7.12

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth KOREA: Chest Breadth NATO: Chest Breadth - Skin NAVY RECRUITS: Chest Breadth

Chest Breadth—FAA(Continued)

THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale

FRANCE '65: Diamètre transverse de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation †intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - [fixed branch of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - most lateral points on the chest ... mean of ... expiration and inspiration NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth

Chest Breadth-FAA(Continued)

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: KOREA

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer at the level of the nipples, measure the breadth across the chest during normal breathing.

N: 264

 \overline{X} : 30.47 cm; 11.99 in SD: 1.92 cm; 0.75 in

V%: 6.30

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth

FAA: Chest Breadth

NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of meso-ster-

FRANCE '65: Diamètre transverse de la poitrine - [at the . . fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate]

Chest Brendth-KOREA (Continued)

- at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid Mean] at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale Intermediate] at the level of the upper border of the 4th chondro-sternal articulation †intermediate stage as regards . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale Mean] at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration
- HRDLICKA: Transverse Diameter of the Chest [Men] fixed branch [of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs
- HRDLICKA: Transverse Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation
- MONTAGU: Chest Breadth or Transverse Diameter of the Thorax most lateral points on the chest . . . mean of . . . expiration and inspiration
- NATO: Chest Breadth Bone using strong pressure USN: Chest Breadth using strong pressure
- WAC: Chest Breadth arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH or TRANSVERSE DIAMETER OF THE THORAX

Reference: MONTAGU

(Anthropometer used as sliding compass). The transverse distance between the most lateral points on the chest. The mean of the measurements made at expi-

Chest Breadth or Transverse Diameter of the Thorax—MONTAGU (Continued)

ration and inspiration while the subject is breathing normally.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Breadth - at nipple level

ARMY '66: Chest Breadth - measured at the level of the hipples as ing normal breathing

ARMY ARMORED: Chest Breadth - at nipple level

ARMY ARMORED: Chest Width - Arms fully extended above head ... greatest width

ARMY QM: Chest Breadth - just above the nipples. [Anthropometer] . . arms . . . project downward and backward . . . Firm pressure

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale. Measured with pelvimeter

FAA: Chest Breadth - at the nipple level

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage ... mean of ... extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation. fin the intermediate stage as regards . . . the extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation. † the mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed branch pressed . . . until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed

Chest Breadth or Transverse Diameter of the Thorax-MONTAGU (Continued)

branch pressed . . . until it meets with the resistance of the ribs.

KOREA: Chest Breadth - at the level of the nipoles

NATO: Chest Breadth - Bone - instrument at the level of the subject's nipples . . . using strong pressure to compress the flesh. Angle the tips of the anthropometer downward slightly

NATO: Chest Breadth - Skin - at the level of the subject's nipples NAVY RECRUITS: Chest Breadth - at the level of the nipples THOUSAND AVIATORS: Chest Breadth - at the level of the nipple

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest Breadth - measured at the level of the nipples

USN: Chest Breadth - instrument at the level of the subject's nipples . . . using strong pressure to compress the flesh. Angle the tips of the anthropometer downward slightly

WAC: Chest Breadth - arms extended horizontally to the side. . . . needles extend downward and backward . . . high in the axilla WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: NAVY RECRUITS

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place. The breadth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 4092

 \overline{X} : 30.17 cm; 11.88 in

SD: 2.05 cm; 0.81 in

V%: 6.81

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth

Chest Breadth—NAVY RECRUITS (Continued)

FAA: Chest Breadth KOREA: Chest Breadth NATO: Chest Breadth - Skin

THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . great-

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure ap-

BULGARIA: Transverse Diameter of the Chest - at the height of meso-ster-

FRANCE '65: Diamètre transverse de la poitrine - [at the . . . fourth costal cartilage 1

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation tintermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - fixed branch [of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - most lateral points on the chest . . . mean of . . . expiration and inspiration

NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

Chest Breadth—NAVY RECRUITS (Continued)

AAF: Chest Breadth

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: THOUSAND AVIATORS

†measured at the level of the nipple during normal breathing † Maximal width with subject's arms at his sides.

N: 645

 \overline{X} : 30.73 cm; 12.10 in SD: 1.74 cm; 0.69 in

V%: [5.66]

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth FAA: Chest Breadth KOREA: Chest Breadth NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of mesosternale

FRANCE '65: Diamètre transverse de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate]

Chest Breadth—THOUSAND AVIATORS (Continued)

- at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation fintermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - fixed branch [of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - most lateral points on the chest . . . mean of . . . expiration and inspiration

NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: USAF '50

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer at the level of the nipples,

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Chest Breadth-USAF '50 (Continued)

measure the breadth across the chest during normal breathing.

N: 4058

 \overline{X} : 30.56 cm; 12.03 in

SD: 2.04 cm; 0.80 in

V%: 6.68

Similar Dimensions:

ARMY '66: Chest Breadth

FAA: Chest Breadth

KOREA: Chest Breadth

NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth

THOUSAND AVIATORS: Chest Breadth

USMC: Chest Breadth

Not Equivalent:

- ARMY ARMORED: Chest Width Arms fully extended above head ... greatest width
- ARMY QM: Chest Breadth just above the nipples . . . Firm pressure applied
- BULGARIA: Transverse Diameter of the Chest at the height of meso-sternale FRANCE '65: Diamètre transverse de la poitrine [at the . . . fourth costal cartilage]
- GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid Intermediate] at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid Mean] at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale Intermediate] at the level of the upper border of the 4th chondro-sternal articulation fintermediate stage as regards . . . extremes of inspiration and of expiration
- GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale Mean] at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration
- HRD'ACKA: Transverse Diameter of the Chest [Men] fixed branch [of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs
- HRDLICKA: Transverse Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation
- MONTAGU: Chest Breadth or Transverse Diameter of the Thorax most

Chest Breadth-USAF '50 (Continued)

lateral points on the chest. . . . mean of . . . expiration and enspiration

NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: USMC

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place. The breadth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 2008

X: 30.73 cm; 12.10 in

SD: 1.87 cm; 0.74 in

V%: 6.13

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth FAA: Chest Breadth KOREA: Chest Breadth

NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth

THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth

Chest Breadth-USMC (Continued)

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure applied BULGARIA: Transperse Diameter of the Chest - at the height of meso-ster-

FRANCE '65: Diamétre transverse de la poitrine - [at the . . . fourth costal cartilage 1

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] at the level of the base of the ensiform cartilage . . . intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes

of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation †intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean

of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - fixed branch [of Anthropometer | pressed against . . . thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - most lateral points on the chest ... mean of . . . expiration and enspiration

NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth

ARMY ARMORED: Chest Breadth WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: USN

Subject stands erect with his arms initially raised and then lowered when the instrument is in place. Holding the instrument at the level of the subject's nipples, measure the horizontal breadth of the rib cage, using strong pressure to compress the flesh. Angle the tips of the anthropometer arms downward slightly to ensure that they do not slip between the ribs.

N: 1549

 \overline{X} : 32.72 cm; 12.88 in

SD: 2.07 cm; 0.81 in

V%: 6.32

Similar Dimensions:

Equivalent:

ARMY QM: Chest Breadth NATO: Chest Breadth - Bone

Not Equivalent:

AAF: Chest Brecdth - at nipple level ... moderate pressure

ARMY '66: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

ARMY ARMORED: Chest Breadth - at nipple level ... moderate pressure

ARMY ARMORED: Chest Width - Arms fully extended above head ... greatest width

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale. Measured with pelvimeter

FAA: Chest Breadth - at the nipple level, during normal breathing

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage. . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation. fin the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean

Chest Breadth-USN (Continued)

of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

KOREA: Chest Breadth - at the level of the nipples

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - between the most lateral points on the chest. The mean . . . expiration and inspiration . . . breathing normally. [Contact]

NATO: Chest Breadth - Skin - at the level of the subject's nipples

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

THOUSAND AVIATORS: Chest Breadth - at the level of the nipple during normal breathing

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . held horizontally

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla

WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† with arms extended horizontally to the side. Anthropometer held in front of subject and parallel to the floor. The needles extend downward and backward through and as high in the axilla as possible without exerting pressure. Measurement taken as the maximum breadth without denting the skin.

N: 3350

 \overline{X} : 29.47 cm; 11.60 in SD: 2.32 cm; 0.91 in

V%: [7.87]

Chest Breadth-WAC (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Breadth - at nipple level ... moderate pressure

ARMY '66: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

ARMY ARMORED: Chest Breadth - at nipple level . . . moderate pressure ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - Breathing normally. Anthropometer . . . just above the nipples . . . arms . . . project downward and backward . . . Firm pressure

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale. Measured with pelvimeter

FAA: Chest Breadth - at the nipple level, during normal breathing

FRANCE '65: Diamètre transverse de la poitrine - [calm respiration . . . at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesoste:nale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation. tin the intermediate stage as regards . . . the extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation. †the mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed branch pressed . . . until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed branch pressed . . . until it meets with the resistance of the ribs KOREA: Chest Breadth - at the level of the nipples . . . during normal breathing MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - between

Chest Breadth-WAC (Continued)

the most lateral points on the chest. The mean . . . expiration and inspiration . . . breathing normally

NATO: Chest Breadth - Bone - instrument at the level of the subject's nipples . . . using strong pressure to compress the flesh. Angle the tips of the anthropometer downward slightly

NATO: Chest Breadth - Skin - at the level of the subject's nipples . . . during normal breathing.

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally.

THOUSAND AVIATORS. Chest Breadth - at the level of the nipple during normal breathing

USAF '50: Chest Breadth - at the level of the nipples . . . during normal breathing

USMC: Chest Breadth - measured at the level of the nipples during normal breathing . . .anthropometer . . . held horizontally

USN: Chest Breadth - instrument at the level of the subject's nipples . . . using strong pressure to compress the flesh. Angle the tips of the anthropometer downward slightly

WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH

Reference: WAF RECRUITS

Subject stands erect with her arms slightly raised. Measure the chest breadth with the anthropometer caliper held horizontally at the level of the nipples, after the subject's arms have been lowered.

N: 834 \overline{X} : 25.25 cm; 9.94 in SD: 1.40 cm; 0.55 in V%: 5.55

Similar Dimensions:

Equivalent:

Chest Breadth -- WAF RECRUITS (Continued)

None

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head as far as possible . . . greatest width

ARMY QM: Chest Breadth - Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale.

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - in the horizontal plane at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - in the horizontal plane at the level of the upper border of the 4th chondro-sternal articulation.

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - in the horizontal plane at the level of the upper border of the 4th chondrosternal articulation

HRDLICKA: Transverse Diameter of the Chest [Men] - arms are lifted somewhat forward and to about 65 degrees outward . . . the fixed branch is pressed against the right side . . . until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . the fixed branch is pressed against the right side . . . until it meets with the resistance of the ribs

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - distance between the most lateral points on the chest.

NATO: Chest Breadth - Bone - instrument at the level of . . . nipples . . . Angle the tips of the anthropon eter arms downward . . . strong pressure

USN: Chest Breadth - instrument at the level of . . . nipples . . . Angle the tips of the anthropometer arms downward . . . strong pressure

WAC: Chest Breadth - needles extend downward and backward through and as high in the axilla as possible

Indeterminable:

Stage of respiration in reference dimension description is not specified.

AAF: Chest Breadth
ARMY '66: Chest Breadth

ARMY ARMORED: Chest Breadth

FAA: Chest Breadth

Chest Breadth-WAF RECRUITS (Continued)

KOREA: Chest Breadth
NATO: Chest Breadth - Skin

NAVY RECRUITS: Chest Breadth
THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST BREADTH - BONE

Reference: NATO

Subject stands erect with his arms initially raised and then lowered when the instrument is in place. Holding the instrument at the level of the subject's nipples, measure the horizontal breadth of the rib cage, using strong pressure to compress the flesh. Angle the tips of the anthropometer arms downward slightly to ensure that they do not slip between the ribs.

Turkey	Greece	Italy
N: 915	1084	1358
\overline{X} : 28.61 cm; 11.26 in	28.39 cm; 11.18 in	28.80 cm; 11.34 in
SD: 1.69 cm; 0.67 in	1.78 cm; 0.70 in	1.66 cm; 0.65 in
V%: 5.89	6.27	5.75

Similar Dimensions:

Equivalent:

ARMY QM: Chest Breadth USN: Chest Breadth

Not Equivalent:

AAF: Chest Breadth - at nipple level ... moderate pressure

ARMY '66: Chest Breadth - measured at the level of the nipples during normal breathing ... anthropometer ... held horizontally

ARMY ARMORED: Chest Breadth - at nipple level ... moderate pressure

ARMY ARMORED: Chest Width - Arms fully extended above head ... greatest width

Chest Breadth-Bone-NATO (Continued)

BULGARIA: Transverse Diameter of the Chest - at the height of mesosternale. Measured with pelvimeter

FAA: Chest Breadth - at the nipple level, during normal breathing

FRANCE '65: Diamétre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes

of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation. †in the intermediate stage as regards . . . the extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation. † the mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

KOREA: Chest Breadth - at the level of the nipples

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - between the most lateral points on the chest. The mean . . . expiration and inspiration . . . breathing normally. [Contact.]

NATO: Chest Breadth - Skin - at the level of the subject's nipples

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples durnormal breathing . . . anthropometer . . . held horizontally

THOUSAND AVIATORS: Chest Breadth - at the level of the nipple during normal breathing

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest Breadth - measured at the level of the nipples during normal breathing . . . anthropometer . . . held horizontally

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla

WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Chest Breadth-Bone-NATO (Continued)

Anterior Chest Width Posterior Chest Width

CHEST BREADTH - SKIN

Reference: NATO

Subject stands erect with his arms initially raised and then lowered when the instrument is in place. Holding the instrument at the level of the subject's nipples, measure the horizontal breadth of the chest with light skin contact during normal breathing.

Turkey	$G\tau eece$	Italy
N: 915	1084	1358
\overline{X} : 31.24 cm; 12.30 in	30.94 cm; 12.18 in	31.76 cm; 12.50 in
SD: 1.88 cm; 0.74 in	1.97 cm; 0.78 in	1.84 cm; 0.72 in
V%: 6.00	6.35	5.79

Similar Dimensions:

Equivalent:

ARMY '66: Chest Breadth FAA: Chest Breadth KOREA: Chest Breadth

NAVY RECRUITS: Chest Breadth

THOUSAND AVIATORS: Chest Breadth

USAF '50: Chest Breadth USMC: Chest Breadth

Not Equivalent:

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples . . . Firm pressure applied

BULGARIA: Transverse Diameter of the Chest - at the height of mesosternale

FRANCE '65: Diamètre transverse de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate]
- at the level of the base of the ensiform cartilage . . . intermediate
stage as regards . . . extremes of inspiration and of expiration

Chest Breadth-Skin-NATO (Continued)

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the 4th chondro-sternal articulation fintermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - fixed branch [of Anthropometer] pressed against . . . thorax until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

MONTAGU: Chest Breadth or Transverse Diameter of the Thoraw - most lateral points on the chest ... mean of ... expiration and inspiration NATO: Chest Breadth - Bone - using strong pressure

USN: Chest Breadth - using strong pressure

WAC: Chest Breadth - arms extended horizontally to the side . . . needles extend downward and backward . . . high in the axilla . . . maximum breath

Indeterminable:

In the following references, the stage of respiration is not specified.

AAF: Chest Breadth
ARMY ARMORED: Chest Breadth
WAF RECRUITS: Chest Breadth

See Also:

Anterior Chest Width Posterior Chest Width

CHEST CIRCUMFERENCE

Reference: AAF

Horizontal circumference just above nipples. Do not tighten the tape; merely contact all around. Chest neither expanded nor collapsed; take during quiet breathing.

Cadets	Gunners
N: 2954	584
Median: 90.70 cm; 35.7 in	90.05 cm; 34.5 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

ARMY ARMORFD: Chest Circumference ARMY AVIATORS: Chest Circumference

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

THAI: Chest Circumference TUFTS: Chest Circumference VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

AUSTRALIA: Chest [Circumference]—well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]-[inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men] — tape passes behind below the lower edges of the shoulder blades

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammasy glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men] — maximum amount of air inhaled

BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their appearmost position [Measured on women.]

- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalction, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalction [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] minimum ehest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracie eireumference
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mameonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoidien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xipl.oïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference—maximum . . . during normal breathing

KOREA: Chest Circumference-maximum . . . during normal breathing

MARTIN: Umfang der Brust bei Exspiration-[maximum possible expiration]

MARTIN: Umfany der Brust bei Inspiration—[inhale deeply]

MARTIN: Umfang der Brust bei ruhigem Atmen—[posteriorly directly under . . . scapula]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae]

MONTAGU: Axillary Chest Girth - well up in the axillary fossae

MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale

NATO: Chest Circumference-maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference—maximum . . . eircumference

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . nt maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

USAF '50: Chest Circumference—maximum . . . during normal breathing

USMC: Chest Circumference-maximum...circumference

USN: Chest Circumference-maximum . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC; Chest Circumfevence—horizontally just below the breasts [Mensured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—neross the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum... breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with his arms initially raised and then lowered after the tape is in place. The maximum horizontal circumference of the chest is measured at the level of the nipples during normal breathing. A steel tape is used.

N: 6682

 \overline{X} : 93.75 cm; 36.91 in SD: 6.68 cm; 2.63 in

V%: 7.14

Similar Dimensions:

Equivalent:

FAA: Chest Circumference JAPAN: Chest Circumference KOREA: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration] — [exhales . . . as deeply as possible]

Chest Circumference—ARMY '66 (Continued)

- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Panse [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women] the tabe passes immediately below the mammary glands kept in their appermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled . . . the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation... maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation

Chest Circumference—ARMY '66 (Continued)

- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at...xiphoid process... after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoidien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage the three transfers of . . . inspiration and expiration
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust hei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axiliary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale, Mean... during normal inspiration and expiration
- THAI: Chest Circumference—average circumference . . . during normal breathing
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space... at maximal expiration

Chest Circumference—ARMY '66 (Continued)

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space

TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . during quiet breathing

VIETNAM: Chest Circumference—average circumference . . . during normal breathing

WAC: Breast Circumference—[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference-[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth--[Measured on women.]

WOMEN: Chest Girth at Armseye — at the level of the armseye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear]

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelannaire--[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: ARMY ARMORED

Horizontal circumference just above nipples. Do not tighten the tape; merely contact all around. Chest neither expanded nor collapsed; take during quiet breathing.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

Chest Circumference-ARMY ARMORED (Continued)

ARMY AVIATORS: Chest Circumference

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

THAI: Chest Circumference
TUFTS: Chest Circumference
VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

AUSTRALIA: Chest [Circumference]-well up under the armpits:

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Meau]—[muximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Mcn]—tape passes behind below the lower edges of the shoulderblades

BULGARIA: Chest Circumference of Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Mer]—maximum amount of air exhaled

BULGARIA: Chest Circumfevence upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men] - maximum 7. Lint of air inhaled

BULGARIA. Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits

COMAS: Chest Circumference [Axillary, Full Exhaintion] — just below the armpits . . . at full exhalation

COMAS: Chest Circumference [Axillary, Full Inholation] — just below the armpits... at full inhalation

COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]

Chest Circumference—ARMY ARMORED (Continued)

- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full echalation [Measured on women.]
- CCMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-Maximum thoracic circumference
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xipheid process . . . minimal and maximal . . . divided by two]
- FRANCE 65: l'ériment sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65; Pévimètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage tintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference—maximum . . . during normal breathing
- KOREA: Chest Circumference-maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MART:N-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae...maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]

Chest Circumference—ARMY ARMORED (Continued)

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae]

MONTAGU: Axillary Chest Girth - well up in the axillary fossae

MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale

NATO: Chest Circumference-maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference-maximum . . . circumference

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intereostal space... at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

USAF '50: Chest Circumference-maximum . . . during normal breathing

USMC: Chest Circumference-maximum . . . eircumference

USN: Chest Circumference-maximum . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—aeross the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference--maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth—maximum girth [Measured on women.]

WOMEN: Chest Girth at Armseye — at the level of the armseye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference-[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: ARMY AVIATORS

The distance around the chest at nipple level, taken during normal breathing.

N: 500

 \overline{X} : 95.81 cm; 37.72 in SD: 5.26 cm; 2.07 in

V%: [5.49]

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

ARMY ARMORED: Chest Circumference

COMAS: Chest Circumference [Nipples, Calr. Respiration, Men]

THAI: Chest Circumference TUFTS: Chest Circumference VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

AUSTRALIA: Chest [Circumference]-well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]-[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men] — tape passes behind below the lower edges of the shoulderblades

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men] -- maximum amount of air inhaled

BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

Chest Circumference—ARMY AVIATORS (Continued)

- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- CCMAS: Chest Circumference [Nipples, Full Exhalation, Men] -- minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nippies, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] Lt the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference
- FRANCE '55: Périmètre thoraeique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiplioid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoraeique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée-[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoidien au repos—[tape . . . passed around lever with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracie Civeumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracie Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference maximum . . . during normal breathing

Chest Circumference—ARMY AVIATORS (Continued)

KOREA: Chest Circumference-maximum . . . during normal breathing

MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]

MARTIN: Umfang der Brust bei Inspiration—[...gh in axilla . . . inhale deeply]

MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the meen]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae]

MONTAGU: Axillary Chest Girth - well up in the axillary fossae

MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale

NATO: Chest Circumference-maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference—maximum . . . circumference

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

THOUSAND AVIATOES: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

USAF '50: Chest Circumference-maximum . . . during normal breathing

USMC: Chest Circumference-maximum . . . circumference

USN: Chest Circumference-maximum . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumfcrence-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth—maximum girth [Measured on women.]

Chest Circumference—ARMY AVIATORS (Continued)

WOMEN: Chest Girth at Armseye — at the level of the armseye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: ARMY QM

Erect posture. Start with the tape on the areolae above the nipples. The tape is carried around horizontally. The subject is then allowed to lower his arms and the circumference is recorded, with the tape held firmly.

N: 24470

 \overline{X} : 92.41 cm; 36.38 in SD: 5.97 cm; 2.34 in

V%: [6.46]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AUSTRALIA: Chest [Circumference]—horizontal . . . well up under the armpits

BELGIUM: Périmètre thoracique [Mean]—maximal and minimal . . . divided by two

BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades

BULGARIA: Chest Circumference at Pause [Women]—tape passes behind below the lower edges of the shoulderblades and ... immediately below the man.m. rry glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Mcn]—below the lower edges of the shoulderblades

BULGARIA: Chest Circumference upon Exhaling [Women] — below the lower edges of the shoulderblades and . . . immediately below the mammary glands kept in their uppermost position [Measured on women.]

Chest Circumference—ARMY QM (Continued)

- BULGARIA: Chest Circumference upon Inhaling [Men]—below the lower edges of the shoulderblades
- BULGARIA: Chest Circumference upon Inhaling [Women] below the lower edges of the shoulderblades and...immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration] taken just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation]—taken just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation]—taken just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . under the inferior angle of the scapula
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . under the inferior angle of the scapula
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . under the inferior angle of the scapula
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[tape... passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of ensiform cartilage
- GENEVA: Thoracic Circumference [Mean]—base of ensiform cartilage
- MARTIN: Umfang der Brust bei Exspiration-[high in axilla]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla]

Chest Circumference—ARMY QM (Continued)

MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae]

MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen-[under bottom edge of the scapulae]

MONTAGU: Axillary Chest Girth-well up into the axillary fossae. Mean reading

MONTAGU: Mesosternale Chest Girth-at the level of mesosternale. Mean

THOUSAND AVIATORS: Chest Circumference Expiration—taken at the fourth intercostal space

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space

THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

WAC: Breast Circumference-[Measured on womer..]

WAC: Chest Circumference-just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference-[Measured on wemen.]

WAF RECRUITS: Chest Circumference (Over)—above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under) — below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference — circumference over breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armseye — at the level of the armseye [Measured on women.]

Indeterminable:

The reference dimension description does not specify status of respiration.

AAF: Chest Circumference

ARMY '66: Chest Circumference

ARMY ARMORED: Chest Circumference
ARMY AVIATORS: Chest Circumference

Chest Circumference—ARMY QM (Continued)

BELGIUM: Périmètre thoracique [Expiration]

BELGIUM: Périmètre thoracique [Inspiration]

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

COMAS: Chest Circumference [Nipples, Full Exhelation, Men]

COMAS: Chest Circumference [Nipples, Full Inhalation, Men]

FAA: Chest Circumference

FRANCE '65: Périmètre sus-mamelonnaire

FRANCE 65: Périmètre sus-mamelonnaire en inspiration forcée

JAPAN: Chest Circumference KOREA: Chest Circumference

NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

THAI: Chest Circumference
TUFTS: Chest Circumference
USAF '50: Chest Circumference
USMC: Chest Circumference

USN: Chest Circumference

VIETNAM: Chest Circumference

CHEST CIRCUMFERENCE

Reference: FAA

Maximum thoracic circumference recorded during normal breathing at the level of the nipples.

N: 681

 \overline{X} : 95.95 cm; 38.17 in

SD: 6.49 cm; 2.56 in

V%: 6.70

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference JAPAN: Chest Circumference

KOREA: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

- AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing
- ARMY ARMORED: Chest Circumference—neither expanded nor cc apsed . . . during quiet breathing
- AUSTRALIA: Chest [Circumference]---well up under the armpits . . . neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration] [exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhal a sa deeply as possible]
 BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men] -- maximum amount of air inhaled
- BUIGARIA: Chest Circumference upon Inhaling [Women]—-maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation...calm respiration, between inspiration and exhalation [Measured on women.]

- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation...maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chesi Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chect circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—nt the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphold process . . . after . . . deep exhalntion]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration farcéc—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage †mean of . . . inspiration and expiration
- MARTIN: Umfong der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfany der Brust bei vuhigem Atmen-[high in axilla . . . record the mean]

- MARTIN-SALLER: Umfang der Brust bei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust hei Inspiration [under bottom edge of the scapuiae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration
- THAI: Chest Circumference—average circumference . . . during normal breathing THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . during quiet breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing
- WAC: Breast Circumference—[Measured on women.]
- WAC: Cheet Circumference—horizontally just below the breasts [Measured on women.]
- WAF RECRUITS: Bust Circumference—[Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]
- WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]
- WASP: Chest Circumference-maximum . . . breasts [Measured on women.]
- WOMEN: Bust Girth-[Measured on women.]
- WOMEN: Chest Girth at Armscye at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

- ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]
- ARMY QM: Chest Circumference—[Status of respiration is not specified.]
- FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

See Also:

Anterior Bust Arc

CHEST CIRCUMFERENCE

Reference: JAPAN

Subject stands erect, his arms initially raised then lowered after the tape is in place. Holding the tape in a horizontal plane at the level of the nipples, measure the maximum circumference of the chest during normal breathing.

N: 239

 \overline{X} : 88.00 cm; 34.65 in SD: 3.94 cm; 1.55 in

V%: 4.50

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference FAA: Chest Circumference KOREA: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

AAF: Chest Circumference-neither expanded nor collapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither exparded nor collapsed . . . during quiet breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration] — [exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspirction]—[inhales as deeply as possible]
BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front

- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the manimary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upun Exhaling [Meu]--maximu,n amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women] -- the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air Inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full Inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- CCMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fnurth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation... maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Man]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphnid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Niphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation

- FRANCE '55: Périmètre thorreque [Empiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean] -- [at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tapc . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoidien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée [forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage thean of . . . inspiration and expiration
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust hei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfany der Brust hei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing]
- MCNTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mcsosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration
- THAI: Chest Circumference—average circumference . . . during normal breathing THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth inter-
- costal space . . . at maximal expiration

 THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth inter-
- costal space . . . at maximal inspiration

 THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . during quiet breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing

WAC: Breast Circumfevence-[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference-[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumfevence-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-[Measured on women.]

WOMEN: Chest Girth at Armscyc — at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circumference-[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: KOREA

Subject stands erect, his arms initially raised then lowered after the tape is in place. Holding the tape in a horizontal plane at the level of the nipples, measure the maximum circumference of the chest during normal breathing.

N: 264

 \overline{X} : 90.96 cm; 35.81 in

SD: 5.39 cm; 2.12 in

V%: 5.93

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference

FAA: Chest Circumference

JAPAN: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

- AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing
- ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing
- AUSTRALIA: Chest [Circumfevence]—well up under the armpits . . . neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration] [exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Panse [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Wamen]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the ermpits . . . at full inhalation

Chest Circumference-KOREA (Continued)

- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation...calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation...maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]--[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at... xiphoid process... after deep inhalation]
- FRANCE '55: Périmètre thoraeique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration foreée—[forced inspiration...tape... passes around above the two nipples]
- FRANCE '65: Périnètre xiphoïdien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration foreée [forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracie Circumference [Mean] base of the ensiform cartilage †mean of . . . inspiration and expiration
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . inhale deeply]

Chest Circumference-KOREA (Continued)

MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]

MARTIN-SALLER: Umfany der Brust bei Exspiration — [under bottom edge of the scapulae . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . pause in breathing]

MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration

MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration

THAI: Chest Circumference—average circumference . . . during normal breathing

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space...at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space

TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . during quiet breathing

VIETNAM: Chest Circumference — average circumference . . . during normal breathing

WAC: Breast Circumference-[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference-[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference—maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-[Measured on women.]

WOMEN: Chest Girth at Armseyc — at the level of the armseye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circumference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: NATO

Subject stands erect, his arms initially raised, then lowered after the tape is in place. Holding the tape in a horizontal plane at the level of the nipples, measure the maximum circumference of the chest during normal breathing.

	Turkey	Grecce	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	91.11 em; 35.87 in	92.51 em; 35.42 in	94.98 em; 37.39 in
SD:	5.02 em; 1.98 in	5.11 em; 2.01 in	5.26 cm; 2.18 in
V%:	5.51	5.52	5.53

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference FAA: Chest Circumference JAPAN. Chest Circumference KOREA: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

AAF: Chest Circumference—neither expanded nor eollapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither expanded nor eollapsed . . . during quiet breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration] — [exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]

- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Panse [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BUI.GARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation...calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation...maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Colm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum cliest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation

- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage thean of . . . inspiration and expiration
- MARTIN: Umfany der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . inhale deeply]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration
- THAI: Chest Circumference-average circumference . . . during normal breathing
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space... at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration
- THOUSAND AVIATORS: Chest Circumfevence Mid-Breath—at the fourth intercostal space

TUFTS: Chest Circumference—just above nipples.... Chest neither collapsed nor expanded... during quiet breathing

VIETNAM: Chest Circumference — average circumference . . . during normal breathing

WAC: Breast Circumference-[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumferenec (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-[Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

FRANCE '65: Pcrimètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject stands erect, with his arms initially raised and then lowered after the tape is in place. The maximum horizontal circumference of the chest is measured at the level of the nipples during normal breathing. A steel tape is used.

N: 4095

X: 93.04 cm; 36.63 in SD: 6.65 cm; 2.62 in

V%: 7.14

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference FAA: Chest Circumference JAPAN: Chest Circumference KOREA: Chest Circumference NATO: Chest Circumference USAF '50: Chest Circumference USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

- AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing
- ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing
- AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration] [exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Pausc [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Womcu] the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation

- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Womeu]—at the height of the fourth chondrosternal articulation...maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdieu au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage thean of . . . inspiration and expiration

- MARTIN: Umfang der Brust bei Exspiration-{high in axilla . . . maximum possible expiration}
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . Inhale deeply]
- MARTIN: Umfany der Brust bei ruhiyem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration -- [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossar. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean . . . during normal Inspiration and expiration
- THAI: Chest Circumference-average circumference . . . during normal breathing
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference inspiration—at the fourth intercostal space... at maximal Inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . durlng quiet breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing
- WAC: Breast Circumference—[Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]
- WAF RECRUITS: Bust Circumference-[Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the front above the full-ness of the breasts [Measured on women.]
- WAF RECRUITS: Chest Circumference (Under)—acros: the front below the full-ness of the breasts [Measured on women.]
- WASP: Chest Circumference-maximum . . . breasts [Measured on women.]
- WOMEN: Bust Girth-[Measured on women.]
- WOMEN: Chest Girth at Armseye at the level of the armseye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: THAI

Measured as average circumference of chest during normal breathing, with tape at level of nipples.

N: 2950

X: 85.0 cm; 33.5 in SD: 4.1 cm; 1.6 in

V%: 4.8

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

ARMY ARMORED: Chest Circumference
ARMY AVIATORS: Chest Circumference

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

TUFTS: Chest Circumference VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

AUSTFALIA: Chest [Circumference]—well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

- BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Mcasured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Mcn] maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumjerence [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference

- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoraeique [Mean]—[at ... xiphoid process ... minimal and maximal ... divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage tintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference-maximum . . . during normal breathing
- KOREA: Chest Circumference-maximum . . . during normal breathing
- MARTIN: Umfany der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae... maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae]
- MONTAGU: Axillary Chest Girth well up in the axillary fossae
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale
- NATO: Chest Circumference-maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference-maximum . . . circumference
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space
- USAF '50: Chest Circumference-maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference
- USN: Chest Circumference-maximum . . . during normal breathing
- WAC: Breast Circumference-passing over both nipples [Measured on women.]

Chest Circumference-THAI (Continued)

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference-[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: TUFTS

Horizontal circumference just above nipples. Tape not tightened but merely in contact all around. Chest neither collapsed nor expanded; taken during quiet breathing.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

ARMY ARMORED: Chest Circumference

ARMY AVIATORS: Chest Circumference

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

THAI: Chest Circumference

VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

AUSTRALIA: Chest [Circumference]—well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]-[inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men] — tape passes behind below the lower edges of the shoulderblades

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men] — maximum amount of air inhaled

BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits

COMAS: Chest Circumference [Axillary, Full Exhalation] — just below the armpits . . . at full exhalation

COMAS: Chest Circumference [Axillary, Full Inhalation] — just below the armpits . . . at full inhalation

COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] — at the height of the fourth chendrosternal articulation [Measured on women.]

COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]

COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] — at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]

- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum cliest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference maximum . . . during normal breathing
- KOREA: Chest Circumfevence-maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfaug der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MAR'TIN: Umfang der Brust bei ruhigem Atmen--[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae...niaximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae]
- MONTAGU: Axillary Chest Girth well up in the axillary fossae
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale
- NATO: Chest Circumference—maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference--maximum . . . circumference

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

"CHOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

USAF '50: Chest Circumference-maximum . . . during normal breathing

USMC: Chest Circumference-maximum . . . circumference

USN: Chest Circumference-maximum . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the full-ness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelannaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: USAF '50

Subject stands erect, his arms initially raised then lowered after the tape is in place. Ilolding the tape in a horizontal plane at the level of the nipples, measure the maximum circumference of the chest during normal breathing.

Chest Circumference-USAF '50 (Continued)

N: 4057

 \overline{X} : 98.55 cm; 38.80 in SD: 6.22 cm; 2.45 in

V%: 6.31

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference FAA: Chest Circumference JAPAN: Chest Circumference KOREA: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USMC: Chest Circumference USN: Chest Circumference

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration] — [exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pausc [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women] — the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled

BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]

Chest Circumference-USAF '50 (Continued)

- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS. Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation...maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full it alation
- FRANCE '55: Périmètre thora ique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Férimètre thoracique [Inspiration]—[at... xiphoid process... after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien an repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [forced inspiration . . . tape . . . passed around level with the xiphoid process]

Chest Circumference-USAF '50 (Continued)

GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage

GENEVA: Thoracic Circumference [Mean] — base of the ensiform cartilage †mean of . . . inspiration and expiration

MARTIN: Umfang der Brust bei Exspiration—[nigh in axilla . . . maximum possible expiration]

MARTIN: Umfang der Brust bei Inspirction-[high in axilla . . . inhale deeply]

MARTIN: Umfany der Brust bei ruhigem Atmen—[high in axilla . . . record the mean]

MARTIN-SALLER: Umfang der Brust bei Exspiration — [under bottom edge of the scapulae . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . pause in breathing]

MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration

MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration

THAI: Chest Circumference—average circumference . . . during normal breathing

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space...at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space..., at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space

TUFTS: Chest Circumference—just above nipples.... Chest neither collapsed nor expanded ... during quiet breathing

VIETNAM: Chest Circumference — average circumference . . . during normal breathing

WAC: Breast Circumference—[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference-[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth—[Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: USMC

Subject stands erect, with his arms initially raised and then lowered after the tape is in place. The maximum horizontal circumference of the chest is measured at the level of the nipples during normal breathing. A steel tape is used.

N: 2008

 \overline{X} : 94.25 cm; 37.11 in SD: 5.84 cm; 2.30 in

V%: 6.19

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference

FAA: Chest Circumference
JAPAN: Chest Circumference
KOREA: Chest Circumference
NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference

USN: Chest Circumference

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

- AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor centracted
- BELGIUM: Périmètre thoracique [Expiration] [exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and mlnimal . . . divided by two]
- BULGARIA: Chest Circumference at Pausv [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal arriculation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation... maximum chest circumference at full inhalation [Measured on women.]

- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Perimetre thoracique [Inspiration]—[at...xiphoid process... after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipplec]
- FRANCE '65: Périmètre xiphoïdien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage the time of . . . inspiration and expiration
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high: in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae... pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading ... during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration

- THAI: Chest Circumference-average circumference . . . during normal breathing
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space... at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration
- THOUSAND AVIATORS: Chest Circumfercace Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples. . . . Chest neither collapsed nor expanded . . . during quiet breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing
- WAC: Breast Circumference-[Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]
- WAF RECRUITS: Bust Circumference-[Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]
- WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]
- WASP: Chest Circumference-maximum . . . breasts [Measured on women.]
- WOMEN: Bust Girth-[Measured on women.]
- WOMEN: Chest Girth at Armseye at the level of the armseye . . . midpoint of respiration [Measured on women.]

Indeterminable:

- ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]
- ARMY QM: Chest Circumference—[Status of respiration is not specified.]
- FRANCE '65: Périmètre sus-mamelonnaire-[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: USN

Subject stands erect, his arms initially raised then lowered after the tape is in place.

Holding the tape in a horizontal plane at the level of the nipples, measure the maximum circumference of the chest during normal breathing. [NATO]

N: 1549

 \overline{X} : 98.85 cm; 38.92 in SD: 5.78 cm; 2.27 in

V%: 5.85

Similar Dimensions:

Equivalent:

ARMY '66: Chest Circumference FAA: Chest Circumference JAPAN: Chest Circumference KOREA: Chest Circumference NATO: Chest Circumference

NAVY RECRUITS: Chest Circumference

USAF '50: Chest Circumference USMC: Chest Circumference

Not Equivalent:

AAF: Chest Circumfevence-neither expanded nor collapsed . . . during quiet breathing

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration] — [exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible] BELGIUM: Périmètre thoracique [Meau]—[maximal and minimal...divided

by two]

BULGARIA: Chest Circumference at Pause [Men]—tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women] — the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled... the tape passes immediately below mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits... at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation... maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Meu]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Meu]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]

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- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos [tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage threan of . . . inspiration and expiration
- MARTIN: Umfang der Brust bei Exspiration--[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[nigh in axilla . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [under bottom edge of the scapulae . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—at the level of the mesosternale. Mean... during normal inspiration and expiration
- THAI: Chest Circumference—average circumference . . . during normal breathing
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space... at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—just above nipples.... Chest neither collapsed nor expanded; ... during quiet breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing
- WAC: Breast Circumfevence—[Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts [Mcasured on women.]

WAF RECRUITS: Bust Circumference—[Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the full-ness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference—maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-[Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY AVIATORS: Chest Circumference—[Precise status of respiration is not clear.]

ARMY QM: Chest Circ.:mference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is

uncertain.]

CHEST CIRCUMFERENCE

Reference: VIETNAM

Measured as a lerage circumference of chest during normal breathing, with tape at level of nipples.

N: 2127

X: 81.1 cm; 31.9 in

SD: 4.3 cm; 1.7 in

V%: 5.3

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

ARMY ARMORED: Chest Circumference ARMY AVIATORS: Chest Circumference

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]

THAI: Chest Circumference
TUFTS: Chest Circumference

Chest Circumference-VIETNAM (Continued)

Not Equivalent:

- ARMY '66: Chest Circumference-maximum . . . circumference
- AUSTRALIA: Chest [Circumference]—well up under the armpits
- BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pausc [Men]—tape passes behind below the lower edges of the shoulderblades
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men] maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation

Chest Circumference-VIETNAM (Continued)

- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-Maximum thoracic circumference
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Perimètre thoracique [Inspiration] -- [at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiplioid process]
- GENEVA: Thoracie Circumference [Intermediate]—base of the ensiform cartilage tintermediate stage
- GENEVA: Thoracie Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference maximum . . . during normal breathing
- KOREA: Chest Circumference-maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Unifang der Brust bei Exspiration—[under bottom edge of the scapulae... maximum possible expiration]
- MARTIN-SALLER: Umfaug der Brust bei Inspiration [under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae]
- MONTAGU: Axillary Chest Girth well up in the axillary fossae
- MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale
- NATO: Chest Circumference—maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference-maximum . . . circumference
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

Chest Circumference-VISTNAM (Continued)

THOUSAND AVIATORS: Chest Circumference Inspiration-at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath-taken at the fourth intercostal space

USAF '50: Chest Circumference—maximum . . . during normal breathing

USMC: Chest Circumference—maximum . . . circumference

USN: Chest Circumference—maximum . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC: Chest Circumfercuce—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)-across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumfevence-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth—maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye - at the level of the armscye [Measured on

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire-[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† †The arms were raised while the tape was being adjusted and then lowered for the measurement.† Assistant adjusted tape in front and measurer stood behind. Measurement taken horizontally just below the breasts. Normal breathing. [Bra]

N: 8536

 \bar{X} : 77.51 cm; 30.52 in SD: 6.47 cm; 2.46 in

V%: [8.35]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

- AAF: Chest Circumference-just above nipples [Measured on men.]
- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples [Measured on men.]
- ARMY ARMORED: Chest Circumference just above nipples [Measured on men.]
- ARMY AVIATORS: Chest Circumference-at nipple level [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—well up under the armpits [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women] below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women] below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary giands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armipits
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation

Chest Circumference-WAC (Continued)

- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration] -[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdieu au repos—[tape passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration farcée—[forced inspiration... tape... passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate] base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracic Circumference [Mean] base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference-nipples [Measured on men.]
- KOREA: Chest Circumference-nipples [Measured on men.]

Chest Circumference-WAC (Continued)

MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration] [Measured on men.]

MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . inhale deeply] [Measured on men.]

MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean] [Measured on men.]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulee... over the areola ... maximum possible expiration] [Measured on men.]

MARTIN-SALLER: Umfang der Brust hei Inspiration — [under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible] [Measured on men.]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . over the areola] [Mcasured on men.]

MONTAGU: Axillary Chest Girth-well up in the axillary fossae.

MONTAGU: Mesosterucle Chest Girth-at the level of the mesosternale

NATO: Chest Circumference-nipples [Measured on men.]

NAVY RECRUITS: Chest Circumference—at the level of the nipples [Measured on men.]

THAI: Chest Circumference-at level of nipples [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space [Measured on men.]

TUFTS: Chest Circumference—just above nipples [Measured on men.]

USAF '50: Chest Circumference-nipples [Measured on men.]

USMC: Chest Circumfevence—at the level of the nipples [Measured on men.]

USN: Chest Circumference—nipples [Measured on men.]

VIETNAM: Chest Circumference-nipples [Measured on men.]

WAC: Breast Circumference—passing over both nipples

WAF RECRUITS: Bust Circumference—at the level of the nipples

WAF RECRUITS: Chest Circumfevence (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts

Chest Circumference-WAC (Continued)

WASP: Chest Circumference-maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth-maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armseye—at the level of the armseye... [Subject wore a snug bandeaux.]

Indeterminable:

WAF RECRUITS: Chest Circumference (Under) — [In the reference dimension description, status of respiration at the time of measurement is not clearly specified.]

See Also:

Anterior Bust Arc

CHEST CIRCUMFERENCE

Reference: WASP

Maximum circumference over breasts. [Bra?]

Women Pilots	Flying Nurses
N: 447	152
X: 88.85 cm; 54.98 ii.	86.87 cm; 34.20 in
SD: NDA	NDA
7%: NDA	NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference — Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

ARMY '66: Chest Circumference—maximum... at the level of the nipples during normal breathing [Measured on men.]

ARMY ARMORED: Chest Circumference-[Measured on men.]

- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—well up under the armpits [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women] maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits... at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—nt the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]

- COMAS: Chest Circumference [Nipple:, Full Exhalation, Men]—at the nipples minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples... maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference Maximum thoracic circumference [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoidien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean ... of inspiration and expiration
- JAPAN: Chest Circumference—nipples...during normal breathing [Measured on men.]
- KOREA: Chest Circumference—nipples...during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration-[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla...tape is horizontal...inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the arcola . . . inhale as deeply as possible]

- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . over the areola]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspire on and expiration
- NATO: Chest Circumference—nipples...maximum...during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space...at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference-[Measured on men.]
- USAF '50: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane...nipples...during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Chest Circumference-horizontally just below the breasts . . . [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts . . . [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the front above the fullness of the breasts . . . [Bra]
- WOMEN: Chest Girth at Armscye—at the level of the armscye... horizontal plane ... midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

The reference dimension does not specify status of respiration or foundation garment.

WAF RECRUITS: Bust Circumference

WAC: Breast Circumference

WOMEN: Bust Girth

See Also:

Anterior Bust Arc

CHEST CIRCUMFERENCE AT PAUSE [MEN]

Reference: BULGARIA

[M]easured with centimeter tape. The tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front.

N: 1657

 \overline{X} : [90.62 cm; 35.68 in]

Est SD: [5.40 cm; 2.13 in]

Est V%: [5.96]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal circumference just above nipples

ARMY '66: Chest Circumference-maximum . . . during normal breathing

ARMY ARMORED: Chest Circumference-Horizontal circumference just above

ARMY AVIATORS: Chest Circumference-at nipple level

ARMY QM: Chest Circumference—tape is . . . horizontally

AUSTRALIA: Chest [Circumference]-horizontal

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as pos-

BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]

Chest Circumference at Pause [Men]-BULGARIA (Continued)

- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Women] immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Mcn]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women]—immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men] maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]— at the height of the fourth chondrosternal articulation. . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid eartilage... between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-maximum . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]

Chest Circumference at Pause [Men]-BULGARIA (Continued)

- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire [The measuring tape, held horizontally]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Pirimètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[high in axilla . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[high in axilla . . . inhale deeply]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]
- MARTIN-SALLER: Urnfang der Brust bei Exspiration—[maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[When measured on women.]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae
- MONTAGU: Mesosternale Chest Girth-At the level of the mesosternale
- NATO: Chest Circumference-nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference—tape at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—Horizontal circumference just above nipples
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing

Chest Circumference at Pause [Men]-BULGARIA (Continued)

VIETNAM: Chest Circumference—tape at level of nipples

WAC: Breast Circumference-passing over both nipples [Measured on women.]

WAC: Chest Circumference—just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference — maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under) — below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . over breasts [Measured on women.]

WOMEN: Bust Girth—maximum girth [Measured on women.]
WOMEN: Chest Girth at Armscye—[Measured on women.]

Indeterminable:

COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—[Plane of measuring tape is not clearly specified.]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[Status of respiration in the reference dimension is not clearly specified.]

CHEST CIRCUMFERENCE AT PAUSE [WOMEN]

Reference: BULGARIA

[M]easured with centimeter tape. The tape passes behind below the lower edges of the shoulderblades and ... the tape passes immediately below the mammary glands kept in their uppermost position.

N: 1581

 \overline{X} : [79.74 cm; 31.39 in] Est SD: [6.03 cm; 2.37 in]

Est V%: [7.56]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal... just above nipples [Measured on men.]
ARMY '66: Chest Circumference—maximum... circumference... at the level of the nipples [Measured on men.]

Chest Circumserence at Pause [Women]-BULGARIA (Continued)

- ARMY ARMORED: Chest Circumference just above nipples [Measured on men.]
- ARMY AVIATORS: Chest Circumference-at nipple level [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the ... nipples ... maximal and minimal ... divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men] just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women] maximum amount of air inhaled
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits... at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]

Chest Circumference at Pause [Women]-BULGARIA (Continued)

- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference, nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mame!onnaire en inspiration forcée] [forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoidien au repos—[tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage [Measured on men.]
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration [Measured on mcn.]
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under the bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under the bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . over the areola . . . pause in breathing . . . posture . . . relaxed]

Chest Circumference at Pause [Women]-BULGARIA (Continued)

- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples [Measured on men.]
- THAI: Chest Circumference-at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space...during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—Horizontal... just above nipples [Measured on men.]
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average circumference... nipples [Measured on men.]
- WAC: Breast Circumference—passing over both nipples. [Bra]
- WAC: Chest Circumference—horizontally just below the breasts [Breasts not raised.]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nippies . . . at the maximum dimension during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts . . . [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . [Bra]
- WASP: Chest Circumference—maximum . . . over breasts. [Bra?]
- WOMEN: Bust Girth—maximum [bust] girth . . . [Subject wore a snug ban-deaux.]

Chest Circumference at Pause [Women]-BULGARIA (Continued)

WOMEN: Chest Girth at Armseye—at the level of the armseye... horizontal plane... midpoint of respiration. [Subject were a snug bandeaux.]

Indeterminable:

None

CHEST CIRCUMFERENCE [AXILLARY, CALM RESPIRATION]

Reference: COMAS

Axillary chest circumference taken just below the armpits. . . . static or normal, taken in a period of calm respiration, between inhalation and exhalation.

No Data Available

Similar Dimensions:

Equivalent:

AUSTRALIA: Chest [Circumference]—[When reference dimension is measured on men.]

MONTAGU: Axillary Chest Girth—[When measured on same sex as that of reference dimension.]

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples

ARMY '66: Chest Circumference—maximum... at the level of the nipples during normal breathing

ARMY ARMORED: Chest Circumference-just above nipples

ARMY AVIATORS: Chest Circumference—at nipple level

ARMY QM: Chest Circumference—tape on the areolae above the nipples

AUSTRALIA: Chest [Circumference]—-[When reference dimension is measured on women.]

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]-just under the marailla in front

BULGARIA: Chest Circumference at Pause [Worten]—the tape passes immediately below the mammary glands kept in their uppermost position

Chest Circumference [Axillary, Colm Respiration] -- COMAS (Continued)

- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled †just under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled fjust under the mammilla in front
- BULGARIA: Chest Circumference upon Inhaling [Women]—immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Full Exhalation]-at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]-at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]-at the nipples
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Niphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55; Périmètre thoracique [Inspiration]—[at . . , xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples]

- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcéc—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien an repos—[tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [forced inspiration ... tape ... passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracie Circumference [Mean]-base of the ensiform cartilage
- JAPAN: Chest Circumference—nipples... maximum... during normal breathing
- KOREA: Chest Circumference-nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust hei Exspiration-[maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[When measured on opposite sex as that of reference dimension.]
- MARTIN-SALLER: Umfang der Brust hei Exspiration—[under bottom edge of the scapulae... over the areola... maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae... over the arcola.. inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen [under bottom edge of the scapulae . . . over the areola]
- MONTAGU: Axillary Chest Girth—[When measured on opposite sex as that of reference dimension.]
- MONTAGU: Mesosternale Chest Girth [When measured on opposite sex as that of reference dimension.]
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space... at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space
- TUFTS: Chest Circumference—Horizontal . . . just above nipples
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing

Chest Circumference [Axillary, Calm Respiration]—COMAS (Continued)

VIETNAM: Chest Circumference — average circumference . . . during normal breathing . . . nipples

WAC: Breast Circumference-passing over both nipples. [Bra]

WAC: Chest Circumference—horizontally just below the breasts . . . [Bra]

WAF RECRUITS: Bust Circumference—at the level of the nipples... at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . below the fullness of the breasts . . . [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . below the fullness of the breasts . . . [Bra]

WASP: Chest Girth—maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth —maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armscye-[Subject wore a snug bandeaux.]

Indeterminable:

In the reference dimension, the passage of the tape across the front and back of the subjects' thorax is not specified. Comparability is not determinable when the following are measured on the same sex as that of the reference dimension.

MARTIN: Umfang der Brust bei ruhigem Atmen

MONTAGU: Mesosternale Chest Girth

CHEST CIRCUMFERENCE [AXILLARY, FULL EXHALATION]

Referance: COMAS

Axillary chest circumference taken just below the armpits... minimum chest circumference at full exhalation.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing

Chest Circumference [Axillary, Full Exhalation]—COMAS (Continued)

- ARMY ARMORED: Chest Circumference—just above nipples . . . neither expanded nor collapsed . . . during quiet breathing
- ARMY AVIATORS: Chest Circumference at nipple level . . . during normal breathing
- ARMY QM: Chest Circumference—tape on the areolae above the nipples
- AUSTRALIA: Chest [Circumference]—neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration] [at the . . . nipples]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men] just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—just under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women] immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled fjiist under the mammilla in front
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration] between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation . . . maximum chest circumference at "ull inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation

- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples
- . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference maximum thoracic circumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoraeique [Expiration]—[at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . mirimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien cu repos [calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]
- MARTIN: Umfang der Brust bei Exspiration—[When measured on the opposite sex as that of reference dimension]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen [under bottom edge of the scapulae . . . over the areola . . . pause in breathing]
- MONTAGU: Axillary Chest Girth-Mean reading . . . during normal inspiration and expiration

Chest Circumference [Axillary, Full Exhalation]—COMAS (Continued)

- MONTAGU: Mcsosternale Chest Girth-Mean . . . during normal inspiration and expiration
- NATO: C'rest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference...during normal breathing... at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference ?lid-Breath—at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumfevence—average circumference . . . during normal breathing
- VIETNAM: Chest Circumference average circumference . . . during normal breathing . . . nipples
- WAC: Breast Circumference—passing over both nipples
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipple ... across the front above the fullness of the breasts ... during normal breathing
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below the fullness of the breasts . . . during normal breathing
- WASP: Chest Circumference-maximum . . . over breasts
- WOMEN: Bust Girth-maximum girth
- WOMEN: Chest Girth at Armseye-midpoint of respiration

Indeterminable:

MARTIN: Umfang der Brust bei Exspiration — [In the reference dimension, passage of measuring tape across chest is not described.]

CHEST CIRCUMFERENCE [AXILLARY, FULL INHALATION]

Reference: COMAS

Axillary chest circumference taken just below the armpits. . . . maximum chest circumference at full inhalation.

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Umfang der Brust bei Inspiration—[When measured on same sex as that of reference dimension.]

Not Equivalent:

AAF: Chest Circumference—just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . at the level of the nipples during normal breathing

ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

ARMY AVIATORS: Chest Circumference — at nipple level . . . during normal breathing

ARMY QM: Chest Circumferencz-tape on the areolae above the nipples

AUSTRALIA: Chest [Circumference]—neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front

BULGARIA: Chest Circumference upon Exhaling [Women] — the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Inhaling [Men]—just under the mammilla in front

Chest Circumference [Axillary, Full Inhalation]—COMAS (Continued)

- BULGARIA: Chest Circumference upon Inhaling [Women]—tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—st the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage... at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage
- FAA: Chest Circumference—maximum thoracic circumference...during normal breathing ... nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdicn au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdienn en inspiration forcée—[tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane... base of the ensiform cartilage fintermediate stage

- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage thean of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[Naximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[When measured on opposite sex as that of reference dimension.]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[slight breathing movements ... record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae... over the areola]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae...over the areola... pause in breathing... posture... relaxed]
- MONTAGU: Axillary Chest Girth—Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth-[Mean . . . during normal inspiration and expiration]
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference--maximum...circumference...at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference—average circumference...during normal breathing...nipples

Chest Circumference [Axillary, Full Inhalation]—COMAS (Continued)

WAC: Breast Circumference—passing over both nipples

WAC: Chest Circumference—horizontally just below the breasts. Normal breathing

WAF RECRUITS: Bust Circumference—Lorizontal position at the level of the nipples . . . at the maximum dimension during normal breathing

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples... across the front above the fullness of the breasts... during normal breathing

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples... across the front below the fullness of the breasts... during normal breathing

WASP: Chest Circumference-maximum . . . over breasts

WOMEN: Bust Girth-maximum girth

WOMEN: Chest Girth At Armscye-midpoint of respiration

Indeterminable:

None

CHEST CIRCUMFERENCE EXPIRATION

Reference: THOUSAND AVIATORS

#[T]aken at the fourth intercostal space with flexible steel tape, applying minimal pressure; Chest circumference at maximal expiration.

N: 675

X: 100.25 cm; 39.47 in

SD: 5.84 cm; 2.30 in

V%: [5.83]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing
- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing
- ARMY QM: Chest Circumference—tape on the areolae above the nipples
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits... neither expanded nor contracted
- BELGIUM: Périmètre the acique [Expiration]-[at the . . . nipples]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximum and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men] -just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the manimary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Circumference upon Exhaling [Men]—just under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled fjust under the mammilla in front
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Cal.: Pespivation, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]

Chest Circumference Expiration-THOUSAND AVIATORS (Continued)

- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]-at the nipples
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] -- at the nipples ... maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphold cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum that ric vircumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcéc—[forced inspiration . . . tape . . . passes a round above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [forced inspiration ...tape...passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate] orizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—herizontal plane . . . base of the ensiform cartilage †mean of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane ... nipples ... maximum ... during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape in horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umjang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola]

- MARTIN-SALLER: Umfang der Brust lei Inspiration—[under bottom edge of the scapulae... over the areola ... inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae...over the areola... pause in breathing... posture... relaxed]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTACU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest-Circumference—average circumference...during normal breathing...at level of nipples
- THOUSAND AVIATORS: Chest Circumference Inspiration—at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—during tidal breath-
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane ... nipples ... maximum ... during normal breathing
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing . . . nipples
- WAC: Breast Circumference-passing over both nipples [Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing [Measured on women.]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples... at the maximum dimension during normal breathing [Measured on women.]
- WAF RECRUITS: Circumference (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts . . . during normal breathing [Measured on women.]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples... across the front below the fullness of the breasts... during normal breathing [Measured on women.]
- WASP: Chest Circumference-maximum . . . over breasts [Measured on women.]
- WOMEN: Bust Girth—maximum girth [Measured on women.]
- WOMEN: Chest Girth at Armscyc—at the level of the armscye... horizontal plane... midpoint of respiration [Measured on women.]

Indeterminable:

None

CHEST CIRCUMFERENCE [FOURTH RIB, CALM RESPIRATION, WOMEN]

Reference: COMAS

Chest circumference . . . at the height of the fourth chondrosternal articulation . . . static or normal, taken in a period of calm respiration, between inspiration and exhalation.

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Umfang der Brust bei ruhigem Atmen—[When measured on women.] MONTAGU: Mesosternale Chest Girth—[When measured on women.]

Not Equivalent:

AAF: Chest Circumference-Horizontal...just above nipples [Measured on men.]

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]

ARMY ARMORED: Chest Circumference—just above nipples [Measured on men.]

ARMY AVIATORS: Chest Circumference—at nipple level [Measured on men.]

ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]

AUSTRALIA: Chest [Circumference]—well up under the armpits [Measured on men.]

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]

BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]

- BULGARIA: Chest Circumfevence at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration] [When measured on men.]
- COMAS: Chest Circumference [Axillary, Full Exhalation]—at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] -at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples . . . at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples . . . at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre theraeique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Firmetre sus-manclonnaire—[tape . . . passes around above the two nipples] [Measured on men.]

- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration fe: céc—[forced inspiration . . . around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen [When measured on men.]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae...over the areola... maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom of edge of the scapulae . . . over the areola . . . pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth-[When measured on men.]
- MONTAGU: Mesosternale Chest Girth-[When measured on men.]
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum... at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space [Measured on men.]
- TUFTS: Chest Circumference—Horizontal . . . just above nipples [Measured on men.]

Chest Circumference [Fourth Rib, Calm Respiration, Women]—COMAS (Continued)

USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]

USMC: Chest Circumference--maximum...circumference...at the level of the nipples during normal breathing [Measured on men.]

USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]

VIETNAM: Chest Circumference-nipples [Measured on men.]

WAC: Breast Circumference—passing over both nipples [Bra]

WAC: Chest Circumference—horizontally just below the breasts [Bra]

WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples...at the maximum dimension during normal breathing

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above the foliness of the breasts . . . [Bra]

WAF RECRITTS: Chest Circumference (Under)—across the back at the level of the nip es... across the front below the fullness of the breasts... [Bra]

WASP: Ciest Circumference-maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth-maximum girth

WOMEN: Chest Girth at Armscye-at the level of the armscye

Indeterminable:

None

CHEST CIRCUMFERENCE [FOURTH RIB, FULL EXHALATION, WOMEN]

Reference: COMAS

Chest circumference . . . at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exnalation.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

- AAF: Chest Circumference—Horizonta... just above nipples...neither expanded nor collapsed... during quiet breathing [Measured on men.]
- ARMY '66: Chest Circumference--maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing [Measured on rien.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples. [Measured on men.]
- AUSTRALIA: [Chest Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted [Measured on men.]
- BELGIUM: Périmètre thoracique—[Expiration]—[at the . . . uipples] [Measured on men.]
- BELGIUM: Périmètre thoracique—[Inspiration]—at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique—[Mean]—at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Panse [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Mcn]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glauds kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women] calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib. Full Inhalation, Women] maximum chest circumference at full inhalation

- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men] at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xinhoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphvid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thorucique [Expiration]—[at . . . xiphoid process] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée [forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage tintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumfevence—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Unifang der Briest bei Exspiration—[high in axilla]
- MARTIN: Umfang der Brust bei Inspiration—[high in axil.a . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[high in axilla . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the arcola]
- MARTIN-SALLER: Umfong der Brust bei Inspiration [under bottom edge of the scapulae . . . over the arcola . . . inhale as deeply as possible]

- MARTIN-SALLER: Umfany der Brust bei ruhiyem Atmen—[under bottom edge of the scapulae . . . over the areola . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—average circumference...during normal breathing ... at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—Horizontal... just above nipples... during quiet breathing [Measured on men.]
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average eircumference . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Breast Circumference—passing over both nipples, [Bra]
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing. [Bra]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples...at the maximum dimension during normal breathing, [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples...across the front above the fullness of the breasts...during normal breathing, [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below the fullness of the breasts . . . during normal breathing, [Bra]
- WASP: Chest Circumference-maximum . . . over breasts. [Bra?]
- WOMEN. Bust Girth-maximum girth [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armseye—at the level of the armseye... horizontal plane ... midpoint of respiration, [Subject wore a snug bandeaux.]

Chest Circumference [Fourth Rib, Full Exhalation, Women]—COMAS (Continued)

Indeterminable:

None

CHEST CIRCUMFERENCE [FOURTH RIB, FULL INHALATION, WOMEN]

Reference: COMAS

Chest Circumference . . . at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation.

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Umfang der Brust bei Inspiration-[When measured on women.]

Not Equivalent:

- AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing [Measured on men.]
- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]

- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mainmary giands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inholing [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits. . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]-just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Caim Respiration, Women] ealm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] minimum chest circumference at full exhalation

大学が、大学を表示では、世界に通見となってはなるだれてある。サックには多くに

- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples [Measured on mcn.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid eartilage
- FAA: Chest Circumference maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at...xiphoid process] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Meau]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples] [Measured on men.]

- FRANCE '65: Périmètre sus-mamaionnaire en inspiration forcée—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphaidien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée—[tape...passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thorucic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoraci: Circumference [Mean]—horizontal plane... base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . niaximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang dev Brust bei Inspiration--[When measured on men.]
- MARTIN: Umfang der Brust bei ruhigen Aimen—[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola]
- MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen-[under bottem edge of the scapulae . . . over the arcola]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternal: Chest Girth-Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumfercuce—average...during normal breathing...at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space [Measured on men.]
- THOUSAND AVIATORS: Chest Circumfevence Mid-Breath—at the fourth intercostal space . . . during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—just above nipples . . . quiet breathing [Measured on men.]

Chest Circumference [Fourth Rib, Full Inhalation, Women] -COMAS (Continued)

- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Breast Circumference-passing over both nipples. [Bra]
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing
- WAF RECRUITS: Chest Circumference (Over)—aeross the back at the level of the nipples . . . across the front above the fullness of the breasts . . . during normal breathing
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below the fullness of the breasts . . . during normal breathing
- WASP: Chest Circumference-maximum . . . over breasts. [Bra?]
- WOMEN: Bust Girth-maximum girth . . . [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armscye—at the level of the armseye . . . horizontal plane . . . midpoint of respiration

Indeterminable:

None

CHEST CIRCUMFERENCE INSPIRATION

Reference: THOUSAND AVIATORS

t[T]aken at the fourth intercostal space with flexible steel tape, applying minimal pressuret Chest circumference at maximal inspiration.

N: 675

 \overline{X} : 105.98 cm; 41.72 in SD: 5.69 cm; 2.24 in

V%: [5.37]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

- AAF: Chest Circumference—Horizontal...just above nipples...neither expanded nor collapsed...during quiet breathing
- ARMY '66: Chest Circumference—[maximum...circumference... at the level of the nipples during breathing
- ARMY ARMORED: Chest Circumference—Horizontal...just above nipples... neither expanded nor collapsed...during quiet breathing
- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing
- ARMY QM: Chest Circumference—tape on the arcolae above the nipples
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration]—[at the...nipples...exhales ... as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples]
- BELGIUM: Perimetre thoracique [Mean]—[at the...nipples...maximal and minimal...divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—immediately below the mammary glands [Measured on women.]
- BULGARIA: Chest Circumference npon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women]—immediately below the mammary glands [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—just under the mammilia in front
- BULGARIA: Chest Circumference npon Inhaling [Women]—immediately below the mammary glands [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation...calm respiration, between inspiration and exhalation [Measured on women.]

- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples...calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]-at the nipples
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [at xiphoid process]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcce—[tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoidien en inspiration forcée—[tape passed around level with xiphoid process]
- GENEVA: Thoracie Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracie Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference-nipples . . . during normal breathing
- KOREA: Chest Circumference-nipples . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration-[level with mesosternale]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[record the mean]

Chest Circumference Inspiration—THOUSAND AVIATORS (Continued)

- MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae... over the areola... maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[above the nipples, passing over the areola]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen [under bottom edge of the scapulae ... over the areola ... pause in breathing ... posture ... relaxed]
- MONTAGU: Axillary Chest Girth—Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference-nipples . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference-nipples . . . during normal breathing
- USMC: Chesi Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumference-nipples . . . during normal breathing
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing . . . nipples
- WAC: Breast Circumference—passing over both nipples [Measured on women.]
- WAC: Chest Circumference horizontally just below the breasts. Normal breathing
- WAF RECRUITS: Bust Circumference—at the level of the nipples [Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on won en.]
- WAF RECRUITS: Chest Circumference (U.der)—across the front below the fullness of the breasts [Measured on women.]

Chest Circumference Inspiration—THOUSAND AVIATORS (Continued)

WASP: Chest Circumference-over breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye-at the level of the armscye [Measured on

women.]

Indeterminable:

None

CHEST CIRCUMFERENCE MID-BREATH

Reference: THOUSAND AVIATORS

[T]akenat the fourth intercostal space with flexible steel tape, applying minimal pressure. Chest circumference during tidal breathing.

N: 675

X: 102.67 cm; 40.42 in

SD: 5.80 cm; 2.28 in

V%: [5.65]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Chest Circumference—at the level of the nipples

AAF: Chest Circumference—just above nipples

ARMY ARMORED: Chest Circumference—just above nipples ARMY AVIATORS: Chest Circumference—at nipple level

ARMY QM: Chest Circumference—tape on the areolae above the nipples

AUSTRALIA: Chest [Circumference]-horizontal... well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and and minimal . . . divided by two]

- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla
- BULGARIA: Chest Circumference at Pause [Women] [below the mammary glands kept in their upperniest position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women]—below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled fjust under the mammilla in front
- BULGARIA: Chest Circumference upon inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples
- . . . minimum chest circumference at full exhauation.
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Fuli Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-Maximum thoracic circumference . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[at...xiphoid process... after...deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at.,.xiphoid process... after deep inhalation]
- FRANCE '55: Périmètre thoraeique [Mean]—[at . . . xiphoid process . . . minimal and maximai . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[above the two nipples]

Chest Circumference Mid-Breadth-THOUSAND AVIATORS (Continued)

FRANCE 65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]

FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]

FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration ... tape... passed around level with the xiphoid process]

GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage

GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage . . .

JAPAN: Chest Circumference-nipples

KOREA: Chest Circumference-nipples

MARTIN: Unifang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]

MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]

MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . record the mean]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae... over the areola ... maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[over the areola]

MONTAGU: Axillary Chest Girth-well up in the axillary fossae

MONTAGU: Mesosternale Chest Girth-At the level of the mesosternale

NATO: Chest Circumference-nipples

NAVY RECRUITS: Chest Circumference--at the level of the nipples

THAI: Chest Circumference-at level of nipples

THOUSAND AVIATORS: Chest Circumference Expiration—at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at maximal inspiration

TUFTS: Chest Circumference—just above nipples

USAF '50: Chest Circumference-nipples

USMC: Chest Circumference—at the level of the nipples

USN: Chest Circumference-nipples ... maximum ... during normal breathing

VIETNAM: Chest Circumference—at level of nipples

WAC: Breast Circumference—passing over both nipples [Measured on wonten.]

WAC: Chest Circumference—horizontally just below the breasts [Mcasured on women.]

Chest Circumference Mid-Breadth-THOUSAND AVIATORS (Continued)

WAF RECRUITS: Bust Circumference—at the level of the nipples [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference—maximum . . . over the breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Cheet Girth at Armscye—at the level of the armscye [Measured on women.]

Indeterminable:

None

CHEST CIRCUMFERENCE [NIPPLES, CALM RESPIRATION, MEN]

Reference: COMAS

Chest circumference at the nipples . . . static or normal, taken in a period of calm respiration, between inspiration and exhalation.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Chest Circumference

ARMY ARMORED: Chest Circumference
ARMY AVIATORS: Chest Circumference

THAI: Chest Circumference
TUFTS: Chest Circumference
VIETNAM: Chest Circumference

Not Equivalent:

ARMY '66: Chest Circumference-maximum . . . circumference

- AUSTRALIA: Chest [Circumference]—well up under the armpits
- BELGIUM: $P\'{e}rim\`{e}tre\ thoracique\ [Expirotim]$ —[exhales . . . as deeply as possible]
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men] tape passes behind below the lower edges of the shoulderblades
- BULGARIA: Chest Circumference at Pause [Womrn]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaliny [Men]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference npon Inhaling [Men] maximum amount of air inhaled
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air irhaled the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation] just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chrst Circumference [Fourth Rib, Calm Respiration, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhibition, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation

Chest Circumference [Nipples, Calm Respiration, Men] -COMAS (Continued)

COMAS: Chest Circumference [Xiphoid, Full Inhalation] — at the level of the xiphoid cartilage . . . at full inhalation

FAA: Chest Circumference - Maximum thoracic circumference

FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]

FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]

FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]

FRA MCE '65: Périmétre sus-mamelonnaire en inspiration forcée—[forced inspiration de la contraction de

FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . passed around level with the xiphoid process]

FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]

GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage

GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean of inspiration and expiration

JAPAN: Chest Circumference—maximum . . . during normal breathing

KOREA: Chest Circumference—maximum . . . during normal breathing

MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . maximum possible expiration]

MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . inhale deeply]
MARTIN: Umfang der Brust bei ruhigem Atmen—[high in axilla . . . record the mean]

MARTIN-SALLER: Umfany der Brust bei Exspiration—[under bottom edge of the scapulae... maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration — [under bottom edge of the scapulae . . . inhale as deeply as possible]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae]

MONTAGU: Axillary Chest Girth - well up in the axillary fossae

MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale

NATO: Chest Circumference-maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference-maximum . . . circumference

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—taken at the fourth intercostal space

USAF '50: Chest Circumference-maximum . . . during normal breathing

USMC: Chest Circumference-maximum . . . circumference

USN: Chest Circumference-maximum . . . during normal breathing

Chest Circumference [Nipples, Calm Respiration, Men]-COMAS (Continued)

WAC: Breast Circumference—passing over both nipples [Measured on women] WAC: Chest Circumference—horizontally just below the breasts [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the front below the fullness of the breasts [Measured on women.]

WASP: Chest Circumference-maximum . . . breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference-[Status of respiration is not specified.]

FRANCE '65: Périmètre sus-mamelonnaire—[Precise placement of the tape is uncertain.]

CHEST CIRCUMFERENCE [NIPPLES, FULL EXHALATION, MEN]

Reference: COMAS

Chest circumference at the nipples . . . minimum chest circumference at full exhalation.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . circumference . . . during normal breathing

Chest Circumference [Nipples, Full Exhalation, Men] -COMAS (Continued)

- ARMY ARMORED: Chest Circumference-neither expanded nor collapsed . . . during quiet breathing
- ARMY AVIATORS: Chest Circumference—during normal breatning
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits... neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Inspiration]—[inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mcan]—[maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pausc [Men] [at pause]
- BULGARIA: Chest Circumference at Pause [Women].—immediately below the mammary glands [Measured on women.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—immediately below the mammary glands [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled
- BUI.GARIA: Chest Circumference upon Inhaling [Women] maximum amount of air inhaled timmediately below the mammary glands [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhatation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphool, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation

- Chest Circumference [Nipples, Full Exhalation, Men] -- COMAS (Continued)
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-during normal breathing
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at ... xiphoid process ... minimal and maximal ... divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire [calm respiration]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around ievel with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage tintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference-maximum . . . during normal breathing
- KOREA: Chest Circumference—maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration-[level with mesosternale]
- MARTIN: Umfang der Brust bei Inspiration—[level with mesosternale . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[level with mesosternale . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fessae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration

Chest Circumference [Nipples, Full Exhalation, Men] -COMAS (Continued)

NATO: Chest Circumference-maximum during normal breathing

NAVY RECRUITS: Chest Circumfesence—maximum . . . circumference . . . at the level of the nipples during normal breathing

THAI: Chest Circumference-during normal breathing

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing

TUFTS: Chest Circumference-during quiet breathing

USAF '50: Chest Circumference-maximum during normal breathing

USMC: Chest Circumference—maximum . . . circumference . . . during normal breathing

USN: Chest Circumference-maximum . . . during normal breathing

VIETNAM: Chest Circumference—average circumference . . . during normal breathing

WAC: Breast Circumference-passing over both nipples [Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts. Normal breathing [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts . . . during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples...across the front below the fullness of the breasts... during normal breathing [Measured on women.]

WASP: Chest Circumference-maximum . . . over breasts [Measured on women.]

WOMEN: Bust Girth—maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye—at the level of the armscye . . . midpoint of respiration [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.]

Regarding the following titles: the reference dimension description does not describe the passage of the measuring tape across the back

BELGIUM: Périmètre thoracique [Expiration]

BULGARIA: Chest Circumference upon Exhaling [Men]
MARTIN-SALLER: Umfang der Brust bei Exspiration

CHEST CIRCUMFERENCE [NIPPLES, FULL INHALATION, MEN]

Reference: COMAS

Chest circumference at the nipples . . . maximum chest circumference at full inhalation.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference-during normal breathing

ARMY ARMORED: Chest Circumference—neither expanded nor collapsed . . . during quiet breathing

ARMY AVIATORS: Chest Circumference-during normal breathing

AUSTRALIA: Chest [Circumference]—well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal... divided by two]

BULGARIA: Chest Circumference at Pause [Men]—passes behind below the lower edges of the shoulderblades

BULGARIA: Chest Circumference at Pause [Women] — immediately below the mammary glands [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

BULGARIA: Chest Circumference upon Exhaling [Women]—immediately below the mammary glands [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Women]—immediately below the mammary glands [Measured on women.]

COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation

Chest Circumference [Nipples, Full Inhalation, Men] -COMAS (Continued)

- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]-just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men] calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process] . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-manuelonnaire—[calm respiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—base of the ensiform cartilage . . . †mean . . . of inspiration and expiration

Chest Circumference [Nipples, Full Inhalation, Men] -- COMAS (Continued)

JAPAN: Chest Circumference—maximum . . . during normal breathing

KOREA: Chest Circumference-maximum . . . during normal breathing

MARTIN: Umfang der Brust bei Exspiration—[level with mesosternale . . . maximum possible expiration]

MARTIN: Umfany der Brust bei Inspiration-[level with mesosternale]

MARTIN: Umfang der Brust bei ruhigem Atmen—[level with mesosternale . . . record the mean]

MARTIN-SALLER: Umjang der Brust bei Exspiration—[under bottom edge of the scapulae . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[under bottom edge of the scapulae... pause in breathing]

MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration

MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration

NATO: Chest Circumference-maximum . . . during normal breathing

NAVY RECRUITS: Chest Circumference-during normal breathing

THAI: Chest Circumference-average circumference . . . during normal breathing

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing

TUFTS: Chest Circumference—during quiet breathing

USAF '50: Chest Circumference—maximum . . . during normal breathing

USMC: Chest Circumference-during normal breathing

USN: Chest Circumference—during normal breathing

VIETNAM: Chest Circumference—average circumference . . . during normal breathing

WAC: Breast Circumference—passing over both nipples [Measured on women.]

WAC: Chest Circumference—horizontally just below the breasts. Normal breathing [Measured on women.]

WAF RECRUITS: Bust Circumference—at the maximum dimension during normal breathing [Measured on women.]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples... across the front above the fullness of the breasts... during normal breathing [Measured on women.]

Chest Circumference [Nipples, Full Inhalations, Men] -COMAS (Continued)

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below fullness of the breasts . . . during normal breathing [Measured on women.]

WASP: Chest Circumference-maximum . . . over breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye—at the level of the armscye... midpoint of respiration [Measured on women.]

Indeterminable:

ARMY QM: Chest Circumference—[Status of respiration is not specified.] FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[Position of tape is not certain.]

Regarding the following titles, the reference dimension description does not describe the passage of the tape across the subject's back.

BELGIUM: Périmètre thoracique [Inspiration]

BULGARIA: Chest Circumference upon Inhaling [Men] MARTIN-SALLER: Umfang der Brust bei Inspiration

CHEST CIRCUMFERENCE (OVER)

Reference: WAF RECRUITS

Subject stands. Her arms are raised and the tape is placed across the back at the level of the nipples, but is brought across the front above the fullness of the breasts. Record the measurement at the maximum dimension during normal breathing. [Bra]

N: 852

 \overline{X} : 82.16 cm; 32.35 in SD: 4.23 cm; 1.66 in

V%: 5.14

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference-Horizontal . . . just above nipples [Measured on

men.]

ARMY '66: Chest Circumference—[Measured on men.]

Chest Circumference (Over)-WAF RECRUITS (Continued)

- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumference-[Measured on men.]
- ARMY QM: Chest Circumference-[Measured on men.]
- AUSTRALIA: Chest [Circumference]—inorizontal . . . well up under the armpits . . . neither expanded nor contracted [Measured on men.]
- BELGIUM · Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Perimètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled fjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Colm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and expiration [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]

Chest Circumference (Over)-WAF RECRUITS (Continued)

- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[fcrced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfany der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Unifung der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the arcola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen—[under bottom edge of scapulae . . . over the areola]

Chest Circumference (Over)-WAF RECRUITS (Continued)

MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration

MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration

NATO: Chest Circumference—horizontal plane...nipples...maximum...during normal breathing [Measured on men.]

NAVY RECRUITS: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on men.]

THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space [Measured on men.]

TUFTS: Chest Circumference—Horizontal . . . just above nipples [Measured on men.]

USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]

USMC: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on men.]

USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]

VIETNAM: Chest Circumference—average circumference... during normal breathing... nipples [Measured on men.]

WAC: Breast Circumference—passing over both nipples

WAC: Chest Circumference-horizontally just below the breasts

WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front under the fullness of the breasts

WASP: Chest Circumference—maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth—maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armscye—at the level of the armscye...horizontal plane...midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

None

See Also:

Anterior Bust Arc

Ir 11/2

CHEST CIRCUMFERENCE (UNDER)

Reference: WAF RECRUITS

Subject stands. Her arms are raised and the tape is placed across the back at the level of the nipples, but is brought across the front below the fullness of the breasts. Record the measurement at the maximum dimension during normal breathing. [Bra]

N: 850

X: 75.11 em; 29.57 in

SD: 4.69 em; 1.85 in

V%: 6.24

Similar Dimensions:

Equivalent:

None

Not Equivalent:

- AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumfcrence-at nipple level [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women] The tape passes behind below the lower edges of the shoulderblades

Chest Circumjerence (Under)—WAF RECRUITS (Continued)

- BULGARIA: Chest Circumjerence upon Exhaling [Men]—maximum amount of air exhaled †just under the manmina in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—with the maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Inhaling [Men] maximum amount of air inhaled fjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumserence [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Perimètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]

Chest Circumference (Under)-WAF RECRUITS (Continued)

- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration foreée—[forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien eu inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—[horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference-horizontal plane . . . nipples [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfany der Brust bei Exspiration-[under bottom edge of the scapulae . . . over the arcola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the arcola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[under bottom edge of the scapulae . . . over the arcola . . . pause in breathing]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples [Measured on men.]
- NAVY RECRUITS: Chest Circumference—at the level of the nippies. [Measured on men.]
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of Lipples [Measured on men]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]

Chest Circumference (Under)—WAF RECRUITS (Continued)

- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing [Measured on men.]
- USAF '50: Chest Circumference-horizontal plane . . . nipples [Measured on men.]
- USMC: Chest Circumference—at the level of the nipples [Measured on men.]
- USN: Chest Circumference-horizontal plane . . . nipples [Measured on men.]
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Breast Circumference-passing over both nipples
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples
- WAF RECRUITS: Chest Circumference (Over)—across the front above the fullness of the breasts
- WASP: Chest Circumference—maximum . . . over breasts. [Pra?]
- WOMEN: Bust Girth-maximum girth . . . [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armscyc—at the level of the armscye... horizontal plane... midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

WAC: Chest Circumference—[The status of respiration is not clearly specified.]

See Also:

Anterior Bust Arc

CHEST CIRCUMFERENCE UPON EXHALING [MEN]

Reforence: BULGARIA

t[M] easured with centimeter tapet with the maximum amount of air exhaled. t The tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front:

Chest Circumference Upon Exhaling [Men]—BULGARIA (Continued)

N: 1661

 \overline{X} : [86.76 cm; 34.16 in] Est SD: [5.26 cm; 2.07 in]

Est V%: [6.06]

Similar Dimensions:

Equivalent:

MARTIN-SALLER: Umfang der Brust bei Exspiration [When measured on men.]

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . circumference . . . during normal breathing

ARMY ARMORED · Chest Circumference—Herizontal . . . neither expanded nor collapsed . . . during quiet breathing

ARMY AVIATORS: Chest Circumference—during normal breathing

ARMY QM: Chest Circumference—tape is . . . horizontally

AUSTRALIA: Chest [Circumfcrence]—horizontal... well up under the armpits ... neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration]—[tape . . . horizontally]

BELGIUM: Périmètre thoracique [Inspiration]-[inhales as deeply as possible]

BELGIUM: Périmètre thoraeique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]—[at pause]

BULGARIA: Chest Circumference at Pause [Women] — immediately below the mammary glands [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Women]—immediately below the mammary glands [Measured on women.]

BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled

BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position [Measured on women.]

COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation

COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits

- COMAS: Chest Circumference [Axillary, Full Inhalation] just below the armpits . . . at full inhalation
- CGMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] -- at the height of the fourti: chondrosternal articulation . . . maximum chest circumference at full inhalation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference-maximum thoracic circumference . . . during normal breathing
- FRANCE '55: Périmètre thoracique [Expiration]-[at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée--[forced inspiration...tape...passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—herizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracie Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing

Chest Circumference Upon Exhaling [Men] -BULGARIA (Continued)

- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal]
- MARTIN: Umfany dev Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [When measured on women.]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading ... during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum... at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing
- WAC: Breast Circumference—[Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing [Measured on women.]
- WAF RECRUITS: Bust Circumfevence—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing [Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts . . . during normal breathing [Measured on women.]

Chest Circumference Upon Exhaling [Men]-BULGARIA (Continued)

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples... across the front below the fullness of the breasts... during normal breathing [Measured on women.]

WASP: Chest Circumference—maximum . . . over the breasts [Measured on women.]

WOMEN: Bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye . . . horizontal plane . . . midpoint of respiration [Measured on women.]

Indeterminable:

The following does not describe passage of measuring tape across the back.

COMAS: Chest Circumference [Nipples, Full Exhalation, Men]

CHEST CIRCUMFERENCE UPON EXHALING [WOMEN]

Reference: BULGARIA

t[M]easured with centimeter tapet with the maximum amount of air exhaled. tThe tape passes behind below the lower edges of the shoulderblades and . . . the tape passes immediately below the mammary glands kept in their uppernost positiont.

N: 1574

 \overline{X} : [77.16 cm; 30.38 in] Est SD: [5.93 cm; 2.33 in]

Est V%: [7.69]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]

ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing [Measured on men.]

- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted [Measured on mcn.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]-[at pause]
- BULGARIA: Chest Circumference upon Exhaling [Men]—just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled tjust under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage

- Chest Circumference Upon Exhaling [Women]-BULGARIA (Continued)
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration] [at . . . xiphoid process] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . . after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoraeique [Mean]—[at...xiphoid process...minimal and maximal...divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamclonnaire—[calm respiration...tape... passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[forced inspiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage †intermediate stage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum during normal breathing [Measured on men.]
- MARTIN: Umfang dev Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[over the areola]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen—[over the areola . . . pause in breathing . . . posture . . . relaxed]

Chest Circumference Upon Exhaling [Women]-BULGARIA (Continued)

- MONTAGU: Axillary Chest Girth well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—norizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—average circumference . . . during normal breathing . . . at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space... at maximal inspiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing [Measured on men]
- TUFTS: Chest Circumference—Horizontal...just above nipples...during quiet breathing [Measured on men.]
- US : Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum...circumference...at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumfcrence—average circumference . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Breast Circumference-passing over both nipples. [Bra]
- WAC: Chest Circumference-Normal breathing. [Bra]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples...across the front above the fullness of the breasts...during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples during normal breathing. [Bra]
- WASP: Chest Circumference-maximum . . . over breasts. [Bra?]
- WOMEN: Bust Girth—maximum girth . . . [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armseye at the level of the armseye . . . horizontal plane . . . midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

None

CHEST CIRCUMFERENCE UPON INHALING [MEN]

Reference: BULGARIA

<code>t[M]</code>easured with centimeter tape† with the maximum amount of air inhaled. †The tape passes behind below the lower edges of the shoulderblades and . . . just under the mammilla in front.†

N: 1660

X: [96.25 cm; 37.89 in]

Est SD: [5.34 cm; 2.10 in]

Est V%: [5.55]

Similar Dimensions:

Equivalent:

MARTIN-SALLER: Umfany der Brust bei Inspiration. [When measured on men]

Not Equivalent:

AAF: Chest Circumference-Horizontal . . . during quiet breathing

ARMY '66: Chest Circumference-maximum . . . during normal breathing

ARMY ARMORED: Chest Circumference—Horizontal . . . neither expanded nor collapsed . . . during quiet breathing

ARMY AVIATORS: Chest Circumference—during normal breathing

ARMY QM: Chest Circumference-tape is . . . horizontally

AUSTRALIA: Chest [Circumference]--horizontal... well up under the armpits ... neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration]—[exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration] — [Measuring tape passes horizontally around the chest at the level of the nipples]

BELGIUM: Périmètre thoracique [Mean]—[maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men] - [at pause]

BULGARIA: Chest Circumference at Pause [Women] — below the mammary glands kept in their uppermost position [Measured on women.]

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled

- BULGARIA: Chest Circumference upon Exhaling [Women] below the mammary glands kept in their uppermost position [Measured on women.]
- BULGARIA: Chest Circumference upon Inhaling [Women]—below the mammary glands kept in their uppermost position [Measured on women.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation] -at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—[When measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]— at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation] [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women] at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation] [Measured on women.]
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation [Measured on women.]
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation] at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage
- FAA: Chest Circumference—maximum . . . during normal breathing
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [at . . . xiphoid process]
- FRANCE '55: Périmètre thoracique [Mean]—[at ... xiphoid process ... minimal and maximal ... divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration...tape...passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée [measuring tape, held horizontally]
- FRANCE '65: Périmètre xiphoïdien au repos—[calm respiration . . . tape . . . passed around level with the xiphoid process]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[tape... passed around level with the xiphoid process]
- GENEVA: Thoracic Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracic Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration

Chest Circumference Upon Inhaling [Men] --- BULGARIA (Continued)

- JAPAN: Chest Circumfercucc—horizontal plane . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfany der Brust bei Inspiration—[high in axilla . . . tape is horizontal]
- MARTIN: Umfany der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration-[maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration [When measured on women.]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration,
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . during normal breathing
- THAI: Chest Circumference—average circumference . . . during normal breathing THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference-Horizontal . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . maximum . . . during normal breathing
- USMC: Chest Circumference-maximum . . . during normal breathing
- USN: Chest Circumference—Porizontal plane . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference—average . . . during normal breathing
- WAC: Breast Circumference—[Measured on women.]
- WAC: Chest Circumference—horizontally just below the breasts. Normal breathing [Measured on women.]
- WAF RECRUITS: Bust Circumfevence—horizontal position . . . at the maximum dimension during normal breathing [Measured on women.]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above fullness of the breasts . . . during normal breathing [Measured on women.]

Chest Circumference Upon Inhaling [Men]—BULGARIA (Continued)

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below fullness of the breasts . . . during normal breathing [Measured on women.]

WASP: Chest Circumference-maximum . . . over breasts [Measured on women.]

WOMEN: bust Girth-maximum girth [Measured on women.]

WOMEN: Chest Girth at Armscye — at the level of the armscye . . . horizontal plane . . . midpoint of respiration [Measured on women.]

Indeterminable:

In the following, the passage of the tape around the thorax is not clearly described.

COMAS: Chest Circumference [Axillary, Full Inhalation] — [When measured on the same sex as the reference dimension.]

COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—[When reference dimension is measured on men.]

CHEST CIRCUMFERENCE UPON INHALING [WOMEN]

Reference: BULGARIA

 \dagger [M]easured with centimeter tape \dagger with the maximum amount of air inhaled, \dagger The tape passes behind below the lower edges of the shoulderblades and . . . passes immediately below the mammary glands kept in their uppermost position \dagger

N: 1577

 \overline{X} : [84.37 cm; 33.22 in] Est SD: [6.13 cm; 2.41 in]

Est VG: [7.27]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]

Chest Circumference Upon Inhaling [Women]-BULGARIA (Continued)

- ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing [Measured on men.]
- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing [Measured on men.]
- ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]
- AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits ... neither expanded nor contracted [Measured on men.]
- BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples] [Measured on men.]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two] [Measured on men.]
- BULGARIA: Chest Circumference at Pausc [Men]—just under the manimilla in front [Measured on men.]
- BULGARIA: Chest Circumference at Pause [Women]—[at pause]
- BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled †just under the mammilla in front [Measured on men.]
- BULGARIA: Chest Circumference upon Exhaling [Women]—maximum amount of air exhaled
- BULGARIA: Chest Circumference upon Inhaling [Men]—just under the manmilla in front [Measured on men.]
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits... between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits... at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the neight of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation [Measured on men.]

- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage . . . between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at the level of the xiphoid cartilage
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at...xiphoid process] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process . . . minimal and maximal . . . divided by two] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire [calm respiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos-[calm respiration . . . tape . . . passed around level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [tape . . . passed level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracie Circumference [Intermediate]—horizontal plane . . . base of the ensiform cartilage fintermediate stage
- GENEVA: Thoracie Circumference [Mean]—horizontal plane . . . base of the ensiform cartilage †mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal]
- MARTIN: Umfang der Brust bei ruhigem Atmen--[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [over the areola maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration-[over the areola]

- MARTIN-SALLER: Umfang der Brust dei ruhigem Atmen [over the areola ... pause in breathing ... posture ... relaxed]
- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- THAI: Chest Circumference—average circumference... during normal breathing... at level of nipples [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space [Measured on men.]
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space...during tidal breathing [Measured on men.]
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing [Measured on men.]
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing [Measured on men.]
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing [Measured on men.]
- VIETNAM: Chest Circumference—average circumference . . . during normal breathing . . . nipples [Measured on men.]
- WAC: Breast Circumference—passing over both nipples. [Bra]
- WAC: Chest Circumference-Normal breathing. [Bra]
- WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across the front above the fullness of the breasts . . . during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . during normal breathing. [Bra]
- WASP: Chest Circumference—maximum . . . over breasts. [Bra?]
- WOMEN: Bust Girth—maximum girth . . . [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armscye—at the level of the armscye... horizontal plane... midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

None

CHEST CIRCUMFERENCE [XIPHOID, CALM RESPIRATION]

Reference: COMAS

Chest circumference at the level of the xiphoid cartilage. . . In the back, the steel tape, held horizontally should pass under the inferior angle of the scapula . . . static or normal, taken in a period of calm respiration, between inhalation and exhalation.

No Data Available

Similar Dimensions:

Equivalent:

FRANCE '65: Périmètre xiphoïdien au rcpos — [When reference dimension is measured on men.]

Not Equivalent:

AAF: Chest Circumference-Horizontal . . . just above nipples

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing

ARMY ARMORED: Chest Circumference—just above nipples

ARMY AVIATORS: Chest Circumference-at nipple level

ARMY QM: Chest Circumference—tape on the areolae above the nipples

AUSTRALIA: Chest [Circumference]—horizontal... well up under the armpits

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mcan]—[at the . . . nipples . . . maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men] — just under the mammilla in front

BULGARIA: Chest Circumference at Panse [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front

BULGARIA: Chest Circumference upon Exhaling [Women] — the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front

- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration] just below the armpits
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]-at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]-at full inhalation
- FAA: Chest Circumference maximum thoracic circumference . . . nipples
- FRANCE '55: Perimetre thoracique [Expiration]—[after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration] [after deep inhalation]
- FRANCE '55: Périmètre thoracique [Mean]—[minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire [tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée-[forced inspiration]
- FRANCE '65: Périmètre xiphoïdien an repos [When reference dimension is measured on women.]
- GENEVA: Thoracic Circumference [Intermediate] intermediate stage as regards textremes of inspiration and of expiration
- GENEVA: Thoracic Circumference [Mean]—mean . . . of inspiration and expiration

Chest Circumference [Xiphoid, Calm Respiration]—COMAS (Continued)

- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration [high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration [over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[over the areola]
- MONTAGU: Axillary Chest Girth-well up in the axillary fossae
- MONTAGU: Mesosternale Chest Girth-At the level of the mesosternale
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference-at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath at the fourth intercostal space
- TUFTS: Chest Circumference-Horizontal . . . just above nipples
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal hreathing
- VIETNAM: Chest Circumference-at level of nipples
- WAC: Breast Circumference-passing over both nipples. [Bra]
- WAC: Chest Circumference—horizontally just below the breasts . . . [Bra]

Chest Circumference [Xiphoid, Calm Respiration]—COMAS (Continued)

WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples... across the front above the fullness of the breasts... [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples...across the front below fullness of the breasts... [Bra]

WASP: Chest Circumference-maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth—maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armseye—at the level of the armseye... [Subject wore a snug bandeaux.]

Indeterminable:

None

CHEST CIRCUMFERENCE [XIPHOID, FULL EXHALATION]

Reference: COMAS

Chest circumference at the level of the xiphoid cartilage.... In the back, the steel tape, held horizontally should pass under the inferior angle of the scapula... minimum chest circumference at full expiration.

No Data Available

Similar Dimensions:

Equivalent:

FRANCE '55: Périmètre thoracique [Expiration] — [When reference dimension is measured on men.]

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing

ARMY ARMORED: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

- ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing
- ARMY QM: Chest Circumference—tape on the areolae above the nipples
- AUSTRALIA: Chest [Circumference]—horizontal . . . well up under the armpits . . . neither expanded nor contracted
- BELGIUM: Périmètre thoracique [Expiration]-[at the . . . nipples]
- BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]
- BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]
- BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front
- BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the manimary glands kept in their uppermost position
- BULGARIA: Chest Circumference -- upon Exhaling [Men] -- just under the mammilla in front
- BULGARIA: Chest Circumference upon Exhaling [Women] the tape passes immediately below the mammary glands kept in their uppermost position
- BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front
- BULGARIA: Chest Circumference upon Inhaling [Women]—maximum amount of air inhaled the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration] just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits . . . at full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women]—at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples

Chest Circumference [Xiphoid, Full Exhalation]—COMAS (Continued)

- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]—at the nipples . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Xiphoid, Calm Respiration].—between inhalation and exhaiation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation]—at full inhalation
- FAA: Chest Circumference—maximum thoracic circumference . . . during normal breathing . . . nipples
- FRANCE '55: Périmètre thoracique [Expiration] [When reference dimension is measured on women.]
- FRANCE '55: Périmètre thoracique [Inspiration] [after deep inhalation]
- FRANCE'55: Périmètre thoracique [Mean]—[minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passer around above two nipples]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée [forced inspiration . . . tape . . . passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos-[calm respiration]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée-[forced inspiration]
- GENEVA: Thoracic Circumference [Intermediate]—intermediate stage
- GENEVA: Thoracic Circumference [Mean]—mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- KOREA: Chest Circumference—norizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal]
- MARTIN: Umfang der Brust bei Inspiration—[high in axilla . . . tape is horizontal . . . inhale deeply]
- MARTIN: Umfang der Brust bei ruhigem Atmen—[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfang der Brust bei Exspiration—[over the areola]
- MARTIN-SALLER: Umfang der Brust bei Inspiration—[over the areola . . . inhale as deeply as possible]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen [over the areola ... pause in breathing ... posture... relaxed]

Chest Circumference [Xiphoid, Full Exhalation]—COMAS (Continued)

- MONTAGU: Axillary Chest Girth—well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference...during normal breathing...at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration
- THOUSAND AVIATORS: Chest Circumference Mid-Breath at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference average circumference...during normal breathing...nipples
- WAC: Breast Circumference—passing over both nipples. [Bra]
- WAC: Chest Circumfevence-Normal breathing. [Bra]
- WAF RECRUITS: Bust Circumfevence—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples... across the front above the fullness of the breasts... during normal breathing. [Bra]
- WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across the front below the fullness of the breasts . . . during normal breathing. [Bra]
- WASP: Chest Circumference-maximum . . . over breasts. [Bra?]
- WOMEN: Bust Girth-maximum girth . . . [Subject wore a snug bandeaux.]
- WOMEN: Chest Girth at Armseye—at the level of the armseye . . . horizontal plane . . . midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

None

CHEST CIRCUMFERENCE [XIPHOID, FULL INHALATION]

Reference: COMAS

Chest circumference at the level of the xiphoid cartilage In the back, the steel tape, held horizontally should pass under the inferior angle of the scapula . . . maximum chest circumference at full inhalation.

No Data Available

Similar Dimensions:

Equivalent:

FRANCE '55: Périmètre thoracique [Inspiration] — [When reference dimension is measured on men.]

FRANCE '65: Périmètre xiphoïdien en inspiration forcée—[When reference dimension is measured on men.]

Not Equivalent:

AAF: Chest Circumference—Horizontal . . . just above nipples . . . neither expanded nor collapsed . . . during quiet breathing

ARMY '66: Chest Circumference—maximum . . . circumference . . . at the level of the nippples during normal breathing

ARMY ARMORED: Chest Circumference—Horizontal... just above nipples... neither expanded nor collapsed...during quiet breathing

ARMY AVIATORS: Chest Circumference—at nipple level . . . during normal breathing

ARMY QM: Chest Circumference—tape on the areolae above the nipples

AUSTRALIA: Chest [Circumference]—horizontal . . . well up under the armpits . . . neither expanded nor contracted

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples . . . maximal and minimal . . . divided by two]

BULGARIA: Chest Circumference at Pause [Men]—just under the mammilla in front

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled fjust under the mammilla in front

BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Inhaling [Men]—just under the mammilla in front

- BULGARIA: Chest Circumference upon Inhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position
- COMAS: Chest Circumference [Axillary, Calm Respiration]—just below the armpits . . . between inhalation and exhalation
- COMAS: Chest Circumference [Axillary, Full Exhalation]—just below the armpits . . . at full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]—just below the armpits
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhalation, Women] at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples . . . calm respiration, between inspiration and exhalation
- COMAS: Chest Circumference [Nipples. Full Exhalation, Men]—at the nipples . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men]-at the nipples
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—between inhalation and exhalation
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at full exhalation
- FAA: Chest Circumference—maximum thoracic circumference... during normal breathing...nipples
- FRANCE '55: Périmètre thoracique [Expiration]—[after . . . deep exhalation]
- FRANCE '55: Périmètre thoracique [Inspiration]—[When reference dimension is measured on women.]
- FRANCE '55. Périmètre thoracique [Mean]—[minimal and maximal . . . divided by two]
- FRANCE '65: Périmètre sus-mamelonnaire—[calm respiration . . . tape . . . passes around above the nipples]
- FRANCE '65: Firimètre sus-mamelonnaire en inspiration forcée—[tape... passes around above the two nipples]
- FRANCE '65: Périmètre xiphoïdien au repos-[calm respiration]
- FRANCE '65: Périmètre xiphoïdien en inspiration forcée [When reference dimension is measured on women.]
- GENEVA: Thoracic Circumference [Intermediate]—intermediate stage
- GENEVA: Thoracic Circumference [Mean]—mean . . . of inspiration and expiration
- JAPAN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing

Chest Circumference [Kiphoid, Full Inhalation]—COMAS (Continued)

- KOREA: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- MARTIN: Umfang der Brust bei Exspiration—[high in axilla . . . tape is horizontal . . . maximum possible expiration]
- MARTIN: Umfany der Brust bei Inspiration [high in axilla . . . tape is horizontal]
- MARTIN: Umfung der Brust bei ruhigem Atmen-[high in axilla . . . tape is horizontal . . . record the mean]
- MARTIN-SALLER: Umfany der Brust bei Exspiration [over the areola . . . maximum possible expiration]
- MARTIN-SALLER: Umfang der Brust bei Inspiration-[over the areola]
- MARTIN-SALLER: Umfang der Brust bei ruhigem Atmen-[over the areola . . . pause in breathing . . . posture . . . relaxed]
- MONTAGU: Axillary Chest Girth well up in the axillary fossae. Mean reading . . . during normal inspiration and expiration
- MONTAGU: Mesosternale Chest Girth—At the level of the mesosternale. Mean . . . during normal inspiration and expiration
- NATO: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . Guring normal breathing
- NAVY RECRUITS: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- THAI: Chest Circumference—average circumference...during normal breathing ... at level of nipples
- THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration
- THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space
- THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space . . . during tidal breathing
- TUFTS: Chest Circumference—Horizontal . . . just above nipples . . . during quiet breathing
- USAF '50: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- USMC: Chest Circumference—maximum . . . circumference . . . at the level of the nipples during normal breathing
- USN: Chest Circumference—horizontal plane . . . nipples . . . maximum . . . during normal breathing
- VIETNAM: Chest Circumference—average circumference... during normal breathing... nipples
- WAC: Breast Circumference—passing over both nipples. [Bra]
- WAC: Chest Circumference-Normal breatning. [Bra]

Chest Circumference [Xiphoid, Full Inhalation]—COMAS (Continued)

WAF RECRUITS: Bust Circumference—horizontal position at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples... across the front above the fullness of the creasts... during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . during normal breathing. [Bra]

WASP: Chest Circumference-maximum . . . over breasts. [Bra?]

WOMEN: Bust Girth-maximum girth . . . [Subject wore a snug bandeaux.]

WOMEN: Chest Girth at Armscye—at the level of the armscye... horizontal plane... midpoint of respiration. [Subject wore a snug bandeaux.]

Indeterminable:

None

CHEST DEPTH

Reference: AAF

Horizontal antero-posterior dimension at nipple level. Contact to sternum (breastbone); fixed arm of anthropometer in spinal groove.

Cadets	Gunners
N: 2959	583
Median: 20.76 cm; 8	3.2 in 2069 cm; 8.2 in
SD: NDA	NDA
V %: NDA	NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Chest Depth

TUFTS: Chest Depth

Not Equivalent:

ARMY '66: Chest Depth—An anthropometer [with straight arms] is used ARMY ARMORED: Chest Thickness—Greatest thickness from front to back

Chest Depth-AAF (Continued)

ARMY AVIATORS: Chest Depth - [An anthropometer with straight arms is used.]

ARMY QM: Chest Depth - body of anthropometer . . . [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale FAA: Chest Depth - [An anthropometer with straight arms is used.]

FRANCE '65: Diamètre antéro-posterieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondro-sternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

INDIA: Chest [Depth, Sitting] - back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth - [An anthropometer with straight arms is used.]

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae

NATO: Chest Depth - [An anthropometer with straight arms is used.]

NAVY RECRUITS: Chest Depth - An anthropometer [with straight arms] is used

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - [An anthropometer with straight arms is used.]

USAF '50: Chest Depth - [An anthropometer with straight arms is used.]

USMC: Chest Depth - An anthropometer [with straight arms] is used

USN: Chest Depth - [An anthropometer with straight arms is used.]

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla

Indeterminable:

None

See Also:

Trunk Depth

CHEST DEPTH

Reference: ARMY '66

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place under the right arm. The depth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 6682

 \overline{X} : 23.16 cm; 9.12 in SD: 2.00 cm; 0.79 in

V%: 8.61

Similar Dimensions:

Equivalent:

FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropointeer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [at the . . . fourth costal cartilege]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† †intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at level of base of ensiform [xiphoid] cartilage† †mean of the measurements taken at the extremes of inspiration and of expiration

Chest Depth-ARMY '56 (Continued)

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation; †mean of . . . extremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat ... back against one wing of the board† block placed at the nipple level

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae . . . mean of . . . measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH

Reference: ARMY ARMORED

Horizontal antero-posterior dimension at nipple level. Contact to sternum (breast-bone); fixed arm of anthropometer in spinal groove.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

Chest Depth-ARMY ARMORED (Continued)

AAF: Chest Depth TUFTS: Chest Depth

Not Equivalent:

ARMY '66: Chest Depth - An anthropometer [with straight arms] is used ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY AVIATORS: Chest Depth - [An anthropometer with straight arms is used.]

ARMY QM: Chest Depth - body of anthropometer . . . [projects] †downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the C'est - from mesosternale FAA: Chest Depth - [An anthropometer with straight arms is used.]

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

INDIA: Chest [Depth, Sitting] - back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth - [An anthropometer with straight arms is used.]

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae

NATO: Chest Depth - [An anthropometer with straight arms is used.]

NAVY RECRUITS: Chest depth - An anthropometer [with straight arms] is used

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - [An anthropometer with straight arms is used.]

USAF '50: Chest Depth - [An anthropometer with straight arms is used.]

USMC: Chest Depth - An anthropomoter [with straight arms] is used

USN: Chest Depth - [An anthropometer with straight arms is used.]

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla

Chest Depth-ARMY ARMORED (Continued)

Indeterminable:

None

See Also:

Trunk Depth

CHES! DEPTH

Reference: ARMY AVIATORS

The horizontal distance between the front and the back of the chest at nipple level, taken during normal breathing.

N: 500

X: 22.89 cm; 9.01 in SD: 2.01 cm; 0.79 in

V%: [8.78]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to have ARMY QM: Chest Depth - sliding arm of the anthropometer above the nipples . . . body of anthropometer [projects] ; was and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† tintermediate stage† textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean]

Chest Depth-ARMY AVIATORS (Continued)

- at the level of the base of the ensiform [xiphoid] cartilage† †mean of the measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation; †measurement . . . made in the intermediate stage; †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation, the three three three transfers of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation the forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat . . . back against one wing of the board† block placed at the nipple level

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae . . . mean of . . . measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

WAC: Chest Depth - left arm extended forward horizontally ... high in the axilla ... maximum anterior-posterior diameter

Indeterminable:

Reference dimension description does not specify position of subject's arm.

APMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

See Also:

Trunk Depth

CHEST DEPTH

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† Anthropometer extends under the right arm. The sliding arm of the anthropometer is held horizontally just above the nipples. The body of the anthropometer . . . [projects] †downward and backward so as to avoid the back muscles†. Pressure applied.

N: 24558

X: 21.16 cm; 8.33 in

SD: 1.90 cm; 0.75 in

V%: [8.98]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - Horizontal antero-posterior dimension

ARMY '66: Chest Depth - anthropometer . . . held horizontally

ARMY ARMORED: Chest Dcpth - Horizontal antero-posterior dimension

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back [Horizontal]

ARMY AVIATORS: Chest Depth - horizontal distance

BULGARIA: Antero-Posterior Diameter of the Chest - rectilinear distance from mesosternale to the horizontally corresponding spine

FAA: Chest Depth - [Horizontal]

FRANCE '65: Diamètre antéro-postérieur de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax (no. 1) [Xiphoid - Intermediate Stage] - measurement . . . in the horizontal plane at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - measurement . . . in the horizontal plane at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - measurement is . . . made in the horizontal plane at the level of the upper border of the fourth chondro-sternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mcsosternale - Mean] - measurement is . . . made in the horizontal plane at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - [Horizontal] arms are lifted . . . to about 65 degrees outward from the body

Chest Depth-ARMY QM (Continued)

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - [Horizontal] arms are lifted . . . to about 65 degrees outward from the body

INDIA: Chest [Depth, Sitting] - [Horizontal]

KOREA: Chest Depth - Holding the anthropometer horizontally

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - [Hori-

zontal] At the level of the inferior angles of the scapulae NATO: Chest Depth - Holding the anthropometer horizontally

NAVY RECRUITS: Chest Depth - anthropometer . . . held horizontally THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - [Horizontal]

TUFTS: Chest Depth - Horizontal anteroposterior dimension

USAF '50: Chest Depth - Holding the anthropometer horizontally

USMC: Chest Depth - anthropometer . . . held horizontally USN: Chest Depth - Holding the anthropometer horizontally

WAC: Chest Depth - left arm extended forward . . . Anthropometer held hori-

zontally and as high in the axilla as possible

Indeterminable:

None

See Also:

Trunk Depth

CHEST DEPTH

Reference: FAA

The anterior-posterior diameter of the chest, taken at the nipple line during normal breathing. [Arms are pendant]

N: 681

X: 24.16 cm; 9.5I in

SD: 1.90 cm; 0.75 in

V%: 7.88

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

Chest Bepth-FAA (Continued)

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer . . . [project] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro-postérier de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† †intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage; †mean of the measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Postericr Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage; †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thoram, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation, the three three three transfers. The transfers of the three transfers of the three transfers of the tra

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat . . . back against one wing of the board+ block placed at the nipple level

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae ... mean of ... measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in

Chest Depth-FAA (Continued)

spinal groove.

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH

Reference: KOREA

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer horizontally on the subject's right side, at the level of the nipples, measure the depth of the chest during normal breathing.

N: 264

X: 21.66 cm; 9.62 in SD: 1.78 cm; 0.70 in

V%: 8.23

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth FAA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in

spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of an-

Chest Depth-KOREA (Continued)

thropometer in spinal groove.

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† tintermediate stage† textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage† †mean of measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation; the time of . . . extremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat . . . back against one wing of the board block placed at the nipple level

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae . . . mean of . . . measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH or ANTERO-POSTERIOR DIAMETER OF THE THORAX

Reference: MONTAGU

(Large Spreading Caliper). At the level of the inferior angles of the scapulae. The mean of the measurements made at expiration and inspiration while the subject is breathing normally.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY '66: Chest Depth - at the level of the nipples

ARMY ARMORED: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back

ARMY AVIATORS: Chest Depth - at nipple level

ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale. Measured with pelvimeter.

FAA: Chest Depth - at the nipple line

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal cartilage.]

GENEVA: Antero-Posterior Diameer of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - at the nipples forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line

Chest Depth or Antero-Posterior Diameter Of The Thorax-MONTAGU (Continued)

of the fourth costo-sternal articulation thorearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

INDIA: Chest [Depth, Sitting] - seat . . . adjusted . . . back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth - at the level of the nipples

NATO: Chest Depth - at the level of the nipples

NAVY RECRUITS: Chest Depth - at the level of the nipples

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - at the level of the nipple

TUFTS: Chest Depth - at nipple level. Contact to sternum . . . flxed arm of anthropometer in spinal groove

USAF '50: Chest Depth - at the level of the nipples USMC: Chest Depth - at the level of the nipples USN: Chest Depth - at the level of the nipples

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axil-

Indeterminable:

None

See Also:

Trunk Depth

CHEST DEPTH

Reference: NATO

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer horizontally on the subject's right side at the level of the nipples, measure the depth of the chest during normal breathing.

Turkey	Greece	Italy
N: 915	1084	1358
X: 23.02 cm; 9.06 in	23.49 cm; 9.25 in	23.84 cm; 9.39 in
SD: 1.52 cm; 0 in	1.46 cm; 0.57 in	1.74 cm; 0.69 in
V%: 6.60	6.19	7.28

Similar Dimensions:

Equivalent:

Chest Depth-NATO (Continued)

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre cntéro - postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† tintermediate stage† textremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilaget thean of measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation†. †mean of . . . extremes of inspiration and of expiration HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat . . . back against one wing of the board block placed at the nipple level

Chest Depth-NATO (Continued)

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae ... mean of ... measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

WAC: Chest Depth - left arm extended forward horizontally. . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH

Reference: NAVY RECRUITS

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place under the right arm. The depth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 4095

X: 22.78 cm; 8.97 in SD: 1.90 cm; 0.75 in

V%: 8.32

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth USN: Chest Depth

Not Equivalent:

Chest Depth-NAVY RECRUITS (Continued)

- AAF: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- ARMY ARMORED: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- ARMY ARMORED: Chest Thickness Greatest thickness from front to back
- ARMY QM: Chest Depth sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer [projects] †downward and backward † Pressure applied
- BULGARIA: Antero-Posterior Diameter of the Chest from mesosternale . . . Measured with pelvimeter
- FRANCE '65: Diamètre antéro postérieur de la poitrine [at the . . . fourth costal cartilage]
- GENEVA: Anterc-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Intermediate Stage] at the level of the base of the ensiform [xiphoid] cartilage† tinter:nediate stage† textremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Mean] at the level of the base of the ensiform [xiphoid] cartllage† †mean of the measurements taken at the extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Intermediate Stage] at the level of the upper border of the fourth chondro-sternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Mean] at the level of the upper border of the fourth chondro-sternal articulation, the thorax of the inspiration and of expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Mean] forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- INDIA: Chest [Depth, Sitting] seat . . . back against one wing of the board† block placed at the nipple level
- MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae ... mean of ... measurements made at expiration and inspiration
- TUFTS: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- WAC: Chest Depth left arm extended forward horizontally. . . . hlgh in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

Chest Depth-NAVY RECRUITS (Continued)

See Also:

Trunk Depth

CHEST DEPTH

Reference: TUFTS

Horizontal anteroposterior dimension at nipple level. Contact to sternum (breast-bone); fixed arm of anthropometer in spinal groove.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Chest Depth

ARMY ARMORED: Chest Depth

Not Equivalent:

ARMY '66: Chest Depth - An anthropometer [with straight arms] is used ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY AVIATORS: Chest Depth - [An anthropometer with straight arms is used.]

ARMY QM: Chest Depth - body of anthropometer . . . [projects] †downward and backward † Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale FAA: Chest Depth - [An anthropometer with straight arms is used.]

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - † at the level of the upper border of the fourth chondrosternal articulation

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation.

HRDLICKA: Amero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 de-

Chest Depth-TUFTS (Continued)

grees

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation

INDIA: Chest [Depth, Sitting] - back against one wing of the boardt block placed at the nipple level

KOREA: Chest Depth - [An anthropometer with straight arms is used.]

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae

NATO: Chest Depth - [An anthropometer with straight arms is used.]

NAVY RECRUITS: Chest Depth - An anthropometer [with straight arms] is used

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - [An anthropometer with straight arms is used.]

USAF '50: Chest Depth - [An anthropometer with straight arms is used.]
USMC: Chest Depth - An anthropometer [with straight arms] is used

USN: Chest Depth - [An anthropometer with straight arms is used.]

WAC: Chest Depth - left arm extended forward horizontally ... high in the axilla

Indeterminable:

None

See Also:

Trunk Depth

CHEST DEPTH

Reference: USAF '50

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer horizontally on the subject's right side, at the level of the nipples, measure the depth of the chest during normal breathing.

N: 4063

X: 23.01 cm; 9.06 in

SD: 1.91 cm; 0.75 in

V%: 8.30

Similar Dimensions:

Equivalent:

Chest Depth-USAF '50 (Continued)

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USMC: Chest Depth USN: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in splnal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back
ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above
the nipples . . . body of anthropometer . . . [projects] †downward and backward †

Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal cartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform, [xiphoid] eartilage† †intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] cartlage† †mean of the measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth ehondrosternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mestosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation; the time of . . . extremes of inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

HRDLICKA: Artero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration

INDIA: Chest [Depth, Sitting] - seat . . . back against one wing of the boardt block placed at the nipple level

Chest Depth-USAF '50 (Conitinued)

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae ... mean of ... measurements made at expiration and inspiration

TUFTS: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH

Reference: USMC

Subject stands erect, with his arms initially raised and then lowered after the anthropometer is in place under the right arm. The depth of the chest is measured at the level of the nipples during normal breathing. An anthropometer is used, and is held horizontally.

N: 2008

 \overline{X} : 23.26 cm; 9.16 in

SD: 1.75 cm; 0.69 in

V%: 7.57

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USN: Chest Depth

Not Equivalent:

Chest Depth-USMC (Continued)

- AAF: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- ARMY ARMORED: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- ARMY ARMORED: Chest Thickness Greatest thickness from front to back
- ARMY QM: Chest Depth sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer . . . [projects] †downward and backward† Pressure applied
- BULGARIA: Antero-Posterior Diameter of the Chest from mesosternale . . . Measured with pelvimeter
- FRANCE 65: Diamètre antéro postérieur de la poitrine [at the . . . fourth costal cartilage]
- GENEVA Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Intermediate Stage] at the level of the base of the ensiform [xiphoid] cartilage† tintermediate stage† textremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Mean] at the level of the base of the ensiform [xiphoid] cartilage† †mean of the measurements taken at the extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Intermediate Stage] at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† †ex remes of inspiration and of expiration
- GENE'A: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Mean] at the level of the upper border of the fourth chondro-sternal ar iculation that the theorem is the stream of the inspiration and expiration
- HRDIJCKA: Antero-Posterior Diameter of the Chest [Men] forearms are f exed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation the forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- INDIA: Chest [Depth, Sitting] seat . . . back against one wing of the board block placed at the nipple level
- MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae . . . mean of . . . mcasurements made at expiration and inspiration
- TUFTS: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- WAC: Chest Depth left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

Chest Depth-USMC (Continued)

See Also:

Trunk Depth

CHEST DEPTH

Reference: USN

Subject stands erect with his arms initially raised and then lowered after the instrument is in place. Holding the anthropometer horizontally on the subject's right side at the level of the nipples, measure the depth of the ehest during normal breathing.

N: 1549

X: 23.85 em; 9.39 in

SD: 1.79 em; 6.71 in

V% 7.53

Similar Dimensions:

Equivalent:

ARMY '66: Chest Depth FAA: Chest Depth KOREA: Chest Depth NATO: Chest Depth

NAVY RECRUITS: Chest Depth

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter

USAF '50: Chest Depth USMC: Chest Depth

Not Equivalent:

AAF: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Depth - Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples...body of anthropometer. . . [projects] †downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale . . . Measured with pelvimeter

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth

Chest Depth-USN (Continued)

costal cartilage.]

- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Intermediate Stage] at the level of the base of the ensiform [xiphoid] cartilage† tintermediate stage† textremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Mean] at the level of the base of the ensiform [xiphoid] cartilage† †mean of the measurements taken at the extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Intermediate Stage] at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Mean] at the level of the upper border of the fourth chondro-sternal articulation; the time of . . . extremes of inspiration and of expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Men] forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- INDIA: Chest [Depth, Sitting] seat . . . back against one wing of the board† block placed at the nipple level
- MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae . . . mean of . . . measurements made at expiration and inspiration
- TUFTS: Chest Depth Contact to sternum . . . fixed arm of anthropometer in spinal groove
- WAC: Chest Depth left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

ARMY AVIATORS: Chest Depth - [position of subject's arms not specified]

See Also:

Trunk Depth

CHEST DEPTH

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† with the

Chest Depth-WAC (Continued)

left arm extended forward horizontally. Anthropometer held horizontally and as high in the axilla as possible without exerting pressure. Measurement taken as the maximum anterior-posterior diameter of the chest. No pressure.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY '66: Chest Depth - at the level of the nipples during normal breathing ARMY ARMORED: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back ARMY AVIATORS: Chest Depth - at nipple level

ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples . . . body of anthropometer . . . [projects] †downward and backward† Pressure applied

BULGARIA: Antero-Posterior Diameter of the Chest - from mesosternale.

Measured with pelvimeter

FAA: Chest Depth - at the nipple line

FRANCE '65: Diamètre antéro - postérieur de la poitrine - [at the . . . fourth costal eartilage]

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Intermediate Stage] - at the level of the base of the ensiform [xiphoid] cartilage† †intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform [xiphoid] eartilage; †mean of the measurements taken at the extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Intermediate Stage] - at the level of the upper border of the fourth chondrosternal articulation.† †measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth ehondro-sternal articulation; †mean of . . . extremes of inspiration and of expiration

HIRDLICKA: Antero-Posterior Diameter of the Chest [Men] - at the nipples forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

Chest Depth-WAC (Continued)

HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation †forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

INDIA: Chest [Depth, Sitting] - seat . . . adjusted . . . back against one wing of the board† block placed at the nipple level

KOREA: Chest Depth - at the level of the nipples

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulac

NATO: Chest Depth - at the level of the ripples

NAVY RECRUITS: Chest Depth - at the level of the nipples

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - at the level of the nipple

TUFTS: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

USAF '50: Chest Depth - at the level of the nipples USMC: Chest Depth - at the level of the nipples USN: Chest Depth - at the level of the nipples

Indeterminable:

None

See Also:

Trunk Depth

CHEST GIRTH AT ARMSCYE

Reference: WOMEN

Tape. . . . The subject stood erect. Care was taken that the shoulders were relaxed. . . . The tape was placed around the trunk without constriction with the zero point at the center back. The upper border of the tape rested under the arms at the level of the armscye of the trunk and passed through the underarm midpoints †placed with reference to the natural folds in the armpit and the total width of the shoulder . . . The level of the midpoint was set with respect to the more clearly defined folds . . . A short, thin line on the trunk marked the underarm scye level† of the right and left armscye. When the tape was satisfactorily placed, the measurer passed around to the side of the subject to check the relative positions of the anterior and posterior arcs of the girth and to be sure they lay in the same horizontal plane. The reading was taken at the midpoint of respiration. [Subject wore a snug bandeaux]

N: 10042

 \overline{X} : 88.32 cm; 34.77 in SD: 8.13 cm; 3.20 in

V%: 3.2

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Circumference-just above nipples [Measured on men.]

ARMY '66: Chest Circumference — maximum . . . at the level of the nipples [Measured on men.]

ARMY ARMORED: Chest Circumference—just above nipples [Measured on men.]

ARMY AVIATORS: Chest Circumference—at nipple level [Measured on men.]

ARMY QM: Chest Circumference—tape on the areolae above the nipples [Measured on men.]

AUSTRALIA: Chest [Circumference]—[Measured on men.]

BELGIUM: Périmètre thoracique [Expiration]—[at the . . . nipples . . . exhales . . . as deeply as possible] [Measured on men.]

BELGIUM: Périmètre thoracique [Inspiration]—[at the . . . nipples . . . inhales as deeply as possible] [Measured on men.]

BELGIUM: Périmètre thoracique [Mean]—[at the . . . nipples] [Measured on men.]

BULGARIA: Chest Circumference at Pausc [Men]—just under the mammilla in front [Measured on men.]

BULGARIA: Chest Circumference at Pause [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Exhaling [Men]—maximum amount of air exhaled †just under the mammilla in front [Measured on men.]

BULGARIA: Chest Circumference upon Exhaling [Women]—the tape passes immediately below the mammary glands kept in their uppermost position

BULGARIA: Chest Circumference upon Inhaling [Men]—maximum amount of air inhaled †just under the mammilla in front [Measured on men.]

BULGARIA: Chest Circumfevence upon Inhaling [Women] — maximum amount of air inhaled †the tape passes immediately below the mammary glands kept in their uppermost position

- COMAS: Chest Circumference [Axillary, Calm Respiration] [In reference dimension, subject wore a snug bandeaux.] [This dimension is not equivalent when measured on men.]
- COMAS: Chest Circumference [Axillary, Full Exhalation]-full exhalation
- COMAS: Chest Circumference [Axillary, Full Inhalation]-full inhalation
- COMAS: Chest Circumference [Fourth Rib, Calm Respiration, Women]—at the height of the fourth chondrosternal articulation
- COMAS: Chest Circumference [Fourth Rib, Full Exhalation, Women]—at the height of the fourth chondrosternal articulation . . . minimum chest circumference at full exhalation
- COMAS: Chest Circumference [Fourth Rib, Full Inhabition, Women] at the height of the fourth chondrosternal articulation . . . maximum chest circumference at full inhalation
- COMAS: Chest Circumference [Nipples, Calm Respiration, Men]—at the nipples [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Exhalation, Men]—at the nipples . . . full exhalation [Measured on men.]
- COMAS: Chest Circumference [Nipples, Full Inhalation, Men] at the nipples . . . full inhalation [Measured on men.]
- COMAS: Chest Circumference [Xiphoid, Calm Respiration]—at the level of the xiphoid cartilage
- COMAS: Chest Circumference [Xiphoid, Full Exhalation]—at the level of the xiphoid cartilage . . . at full exhalation
- COMAS: Chest Circumference [Xiphoid, Full Inhalation] at the level of the xiphoid cartilage . . . at ful! inhalation
- FAA: Chest Circumference—Maximum thoracic circumference . . . nipples [Measured on men.]
- FRANCE '55: Périmètre thoracique [Expiration]—[at . . . xiphoid process . . . after . . . deep exhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Inspiration]—[at . . . xiphoid process . . , after deep inhalation] [Measured on men.]
- FRANCE '55: Périmètre thoracique [Mean]—[at . . . xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre sus-mamclonnaire—[tape . . . passes around above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre sus-mamelonnaire en inspiration forcée—[forced inspiration . . . above the two nipples] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdien au repos—[tape . . . level with the xiphoid process] [Measured on men.]
- FRANCE '65: Périmètre xiphoïdica en inspiration forcée—[forced inspiration . . . level with the xiphoid process] [Measured on men.]
- GENEVA: Thoracic Circumference [Intermediate]—base of the ensiform cartilage
- GENEVA: Thoracic Circumference [Meon]—hase of the ensiform cartilage

JAPAN: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]

KOREA: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]

MARTIN: Umfang der Brust bei Exspiration—[maximum possible expiration]

MARTIN: Umfang der Brust bei Inspiration-[inhale deeply]

MARTIN: Umfang der Brust bei ruhigem Atmen-[level with mesosternale]

MARTIN-SALLER: Umfang der Brust bei Exspiration—[under bottom edge of the scapulae . . . over the areola . . . maximum possible expiration]

MARTIN-SALLER: Umfang der Brust bei Inspiration—[under bottom edge of the scapulae . . . over the areola . . . inhale as deeply as possible]

MARTIN-SALLER: Umfany der Brust bei ruhigem Atmen—[under bottom edge of the scapulae . . . over the arcola]

MONTAGU: Axillary Chest Girth—[When measured on men.] [When measured on women, foundation garment not specified.]

MONTAGU: Mesosternale Chest Girth-at the level of the mesosternale

NATO: Chest Circumference—nipples...maximum...during normal breathing [Measured on men.]

NAVY RECRUITS: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on mea.]

THAI: Chest Circumference-average . . . at level of nipples [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Expiration—at the fourth intercostal space . . . at maximal expiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Inspiration—at the fourth intercostal space . . . at maximal inspiration [Measured on men.]

THOUSAND AVIATORS: Chest Circumference Mid-Breath—at the fourth intercostal space [Measured on men.]

TUFTS: Chest Circumference—just above nipples [Measured on men.]

USAF '50: Chest Circumference—nippies... maximum... during normal breathing [Measured on men.]

USMC: Chest Circumference—maximum . . . at the level of the nipples during normal breathing [Measured on men.]

USN: Chest Circumference—nipples . . . maximum . . . during normal breathing [Measured on men.]

VIETNAM: Chest Circumference—nipples [Measured on men.]

WAC: Breast Circumference—passing over both nipples. [Bra]

WAC: Chest Circumference-horizontally just below the breasts. [Bra]

WAF RECRUITS: Bust Circumference—at the level of the nipples . . . at the maximum dimension during normal breathing. [Bra]

WAF RECRUITS: Chest Circumference (Over)—across the back at the level of the nipples . . . across front above fullness of the breasts . . . [Bra]

WAF RECRUITS: Chest Circumference (Under)—across the back at the level of the nipples . . . across front below fullness of the breasts . . . [Bra]

WASP: Chest Girth-maximum...over breasts. [Bra?]

WOMEN: Bust Circumference-maximum girth

Indeterminable:

None

See Also:

Anterior Bust Arc

CHEST THICKNESS

Reference: ARMY ARMORED

Stand at attention. Greatest thickness from front to back in thorax.

N: 914

Median: 24.4 cm; 9.6 in

SD: NDA V%: NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth—at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY '06: Chest Depth—arms . . . lowered . . . at the level of the nipples during normal breathing

ARMY ARMORED: Chest Depth—at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

ARMY AVIATORS: Chest Depth-at nipple level . . . normal breathing

Chest Thickness-ARMY ARMORED (Continued)

- ARMY QM: Chest Depth sliding arm of the anthropometer . . . just above the nipples. body of anthropometer . . . [projects] †downward and backward † Pressure applied
- BULGARIA: Antero-Posterior Diameter of the Chest from mesosternale . . . calm breathing and relaxed arms. Measured with pelvimeter
- FAA: Chest Depth at the nipple line during normal breathing. [Arms are pendant.]
- FRANCE '65: Diamètre antéro postérieur de la poitrine [calm respiration . . . at the . . . fourth costal cartilage]
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Intermediate Stage] upper limbs are pendant . . . at the level of the base of the ensiform [xiphoid] cartilage† †intermediate stage† †extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 1) [Xiphoid Mean]
 upper limbs are pendant . . . at the level of the base of the ensiform
 [xiphoid] cartilage† †mean of the measurements taken at the extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Intermediate Stage] upper limbs are pendant † tat the level of the upper border of the fourth chondro-sternal articulation †, †measurement . . . made in the intermediate stage † †extremes of inspiration and of expiration
- GENEVA: Antero-Posterior Diameter of the Thorax, (no. 2) [Mesosternale Mean] upper limbs are pendant† †ai the level of the upper border of the fourth chondro-sternal articulation† †mean of . . . extremes of inspiration and of expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Men] at the nipples forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- HRDLICKA: Antero-Posterior Diameter of the Chest [Women] at the line of the fourth costo-sternal articulation †fcrearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees . . . medium between normal inspiration and expiration
- INDIA: Chest [Lepth, Sitting] seat . . . adjusted . . . back against one wing of the board† block placed at the nipple level
- KOREA: Chest Depth arms . . . lowered . . . at the level of the nipples . . . during normal breathing
- MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax At the level of the inferior angles of the scapulae. . . . mean of . . . measurements made at expiration and inspiration . . . breathing normally
- NATO: Chest Depth arms . . . lowered . . . at the level of the nipples . . . during normal breathing
- NAVY RECRUITS: Chest Depth arms . . . lowered . . . at the level of the nipples during normal breathing
- THOUSAND AVIATORS: Chest Anterior-Posterior Diameter at the level of

Chest Thickness—ARMY ARMORED (Continued)

the nipple during normal breathingt. Maximal anterior-posterior diameter . . . arms at his sides

TUFTS: Chest Depth - at nipple level. Contact to sternum . . . fixed arm of anthropometer in spinal groove

USAF '50: Chest Depth - arms . . . lowered . . . at the level of the nipples . . . during normal breathing

USMC: Chest Depth - arms . . . lowered . . . at the level of the nipples during normal breathing

USN: Chest Depth - arms . . . lowered . . . at the level of the nipples . . . during normal breathing

WAC: Chest Depth - left arm extended forward horizontally . . . high in the axilla . . . maximum anterior-posterior diameter

Indeterminable:

None

See Also:

Trunk Depth

CHEST WIDTH

Reference: ARMY ARMORED

Arms tally extended above head as far as possible, hands together; measure greatest width in upper chest region.

N: 918

Median: 36.4 cm; 14.3 in

SD: NDA V%: NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Breadth - at nipple 'evel

ARMY '66: Chest Breadth - measured at the level of the nipples during normal breathing

Chest Width-ARMY ARMORED (Continued)

ARMY ARMORED: Chest Breadth - at nipple level ARMY QM: Chest Breadth - just above the nipples

BULGARIA: Transverse Diameter of the Chest - at the height of meso-sternale

FAA: Chest Breadth - at the nipple level, during normal breathing

FRANCE '65: Diamètre transverse de la poitrine - [at the level of the fourth costal cartilage]

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean] - at the level of the base of the ensiform cartilage

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Intermediate] - at the level of the upper border of the fourth chondro-sternal articulation

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the fourth chondro-sternal articulation

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forcarms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

HRDLICKA: Transverse Diameter of the Chest [Women] - at the line of the fourth costo-sternal articulation . . . forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body

KOREA: Chest Breadth - at the level of the nipples

MONTAGU: Chest Breadth or Transverse Diameter of the Thorax - between the most lateral points on the chest. [Arms pendant]

NATO: Chest Breadth - Bone - instrument at the level of the subject's nipples

NATO: Chest Breadth - Skin - at the level of the subject's nipples

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples during normal breathing

THOUSAND AVIATORS: Chest Breadth - at the level of the nipple during normal breathing

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest Breadth - measured at the level of the nipples during normal breathing

USN: Chest Breadth - instrument at the level of the subject's nipples

WAC: Chest Breadth - arms extended horizontally to the side. . . . needles extend downward and backward . . . high in the axilla

WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

None

See Also:

Chest Width-ARMY ARMORED (Continued)

Anterior Chest Width Posterior Chest Width

CHIN [HEIGHT]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface...:no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downward, the heels in contact, and the axis of vision horizontal† [A]natomical landmark: the inferior border of the mandible in the median plane †the height of the "anatomical landmark" above the ground is to be determined†.

No Data Available

Similar Dimensions:

None

CHIN-NECK PROJECTION

Reference: TUFTS

Subject in horizontal eye-ear plane. Straight line distance between tip of thyroid cartilage and menton (the most anterior point in the midline of the lower border of the mandible).

No Data Available

Similar Dimensions:

None

CIRCUMFERENCE [HEAD]

Reference: TUFTS

Distance around the largest part of the head.

No Data Available

Similar Dimensions:

Circumference [Head]—TUFTS (Continued)

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify position of tape vis-a-vis brow ridges.

AAF: Head Circumference ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

AUSTRALIA: Head Circumference(Size)

BULGARIA: Head Circumference FAA: Head Circumference

FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLICKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

MARTIN: Horizontal Umfang des Kopfes

MONTAGU: Maximum Circumference of the Head

NAVY RECRUITS: Head Circumference

NATO: Head Circumference THAI: Head Circumference USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

CIRCUMFERENCE OF THE CALL OF THE LEG

Reference: GENEVA

[T]he maximum value.

Circumference Of The Calf Of The Leg—GENEVA (Continued)

No Data Available

Similar Dimensions:

Equivalent:

AAF: Calf Circumference

ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Groesster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with

thigh

Indeterminable:

None

CIRCUMFERENCE OF THE NECK

Reference: MONTAGU

(Tape) At the level of the most prominent portion of the thyroid cartilage.

No Data Available

Circumference Of The Neck-MONTAGU (Continued)

Similar Dimensions:

Equivalent:

NATO: Neck Circumference, Maximum

USN: Neck Circumference

Not Equivalent:

ARMY '66: Neck Circumference - just below the "Adam's apple" ARMY AVIATORS: Neck Circumference - just below the Adam's apple ARMY QM: Neck Circumference - below the . . . thyroid cartilage

AUSTRALIA: Neck Size - just below the Adam's apple

BULGARIA: Neck Circumserence - immediately under Adam's apple

FAA: Neck Circumference - just below the "Adam's Apple"
JAPAN: Neck Circumference - just below the 'Adam's Apple'
KOREA: Neck Circumference - just below the 'Adam's Apple'

NAVY RECRUITS: Neck Circumference - just below the "Adam's apple"

THAI: Neck Circumference - just below Adam's apple

USAF '50: Neck Circumference - just below the 'Adam's Apple' USMC: Neck Circumference - just below the "Adam's apple" VIETNAM: Neck Circumference - just below Adam's apple

WAC: Neck Circumference - just below the voice box

WAF RECRUITS: Neck Circumference - just below the thyroid cartilage

Indeterminable:

FRANCE '65: Périmètre du cou [Reference dimension description does not specify a point on the back of the neck]

See Also:

Neck Base Girth

CIRCUMFERENCE OF THE UPPER ARM

Reference: GENEVA

The maximum circumference obtained below the insertion of the deltoid muscle, the arm being held in the position of rest.

No Data Available

Similar Dimensions:

Circumference Of The Upper Arm—GENEVA (Continued)

Equivalent:

BULGARIA: Biceps Circumference Extended

FAA: Upper-Arm Circumference

MARTIN: Groesster Umfang des rechten Oberams bei Streckung

MONTAGU: Maximum Circumference of the Right Arm

WASP: Upper Arm Circumference

Not Equivalent:

ARMY '66: Biceps Circumference, Rclaxed - midway between the shoulder and the elbow

ARMY QM: Lower Upper Arm Circumference - one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference - midway between the axilla and the . . . cubital fossa

FRANCE '65: Périmètre maximum du membre supérieur - [at the inferior insertion of the deltoid muscle]

NAVY RECRUITS: Biceps Circumference, Relaxed - midway between the shoulder and the elbow

NATO: Biceps Circumference, Extended - at the . . . landmark † maximum protrusion of the biceps muscle . . . elbow to a right angle . . . tenses the biceps . . . Mark with a line

THAI: Upper Arm Circumference - mid-way between shoulder and elbow THOUSAND AVIATORS: Biceps Resting [Circumference] - midpoint . . . between the right acromial process and olecranon

USMC: Biceps Circumference, Relaxed - midway between the shoulder and the elbow

VIETNAM: Upper Arm Circumference - mid-way between shoulder and elbow WAC: Upper Arm Circumference - mid-way between the shoulder and elbow

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

CIRCUMFERENCE OF THE UPPER ARM [BICEPS FLEXED]

Reference: GENEVA

[W]ith the biceps muscle in the contracted state. †The maximum circumference

Circumference Of The Upper Arm [Biceps Flexed]-GENEVA (Continued)

obtained below the insertion of the deltoid muscle.

No Data Available

Similar Dimensions:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference, Flexed JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed)

MARTIN: Groesster Umfang des rechten Oberarmes bei Beugung

NATO: Biceps Circumference, Flexed

NAVY RECRUITS: Biceps Circumference (Flexed)

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference (Flexed)
USN: Biceps Circumference (Flexed)

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumferecne] - midpoint of the arm between the right acromial process and oleranon

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

COAT LENGTH

Reference: THAI

Measured as distance from the level of the base of the neck (cervicale) to the level of the first knuckle of the right thumb (base of proximal phalanx).

N: 2950

 \overline{X} : 64.8 cm; 25.51 in SD: 4.2 cm; 1.65 in

V%: 6.5

Similar Dimensions:

None

CORONAL ARC

Reference: WAF RECRUITS

The subject sits looking straight ahead (the head in the Frankfort plane). Measure the arc from right to left tragion over the top of the skull with the tape in a vertical plane.

N: 845

X: 35.95 cm; 14.15 in

SD: 1.57 cm; 0.62 in

V%: 4.36

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Bitragion-Coronal Arc

FRANCE '65: Longueur de l'arc bitragus coronal

KOREA: Bitragion-Coronal Arc MARTIN: Transversaler Kopfbogen

NATO: Bitragion-Coronal Arc USAF '50: Bitragion-Coronal Arc USN: Bitragion-Coronal Arc

Not Equivalent:

None

Indeterminable:

None

COUDEE [ARM'S LENGTH]

Reference: FRANCE '55

L'avant-bras du sujet repose entièrement du côté cubital, sur une table, les doigts de la main allongés. On recherche la distance entre la pointe de l'olécrane et l'extrémité distale de la première phalange du médius. On obtient ainsi la longueur de la coudée.

[The forearm, resting on the ulna, was placed on the table with fingers extended. The distance between olecranon and tip of middle finger represents the length of the forearm.]

Coudee [Arm's Length]-FRANCE '55 (Continued)

N: 1000

 \overline{X} : 46.57 cm; 18.33 in

SD: 2.39 cm; 0.94 in

V%: 5.1

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length FRANCE '65: Longueur olécrâne JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - Elbow against wall INDIA: Fore-Arm [Length] · right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

CROSS BACK WIDTH

Reference: ARMY QM

†Subject stands erect with heels together, eyes straight ahead† Minimum distance between posterior armscye points †The point where the medial edge of the tape crosses midway between the upper angle of the axilla and acromiale† fol-

Cross Back Width-ARMY QM (Continued)

lowing the curve of the back.

N: 24432

X: 37.63 cm; 14.82 in SD: 3.00 cm; 1.18 in

V%: [7.97]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Interscye Breadth - between the upper ends of the . . . creases

JAPAN: Interscye - highest point in the crease KOREA: Interscye - highest point in the crease NATO: Interscye - upper end of the vertical . . . fold

NAVY RECRUITS: Interscye Breadth - between the upper ends of the . . .

creases

THAI: Interscye Breadth - between armpit creases USAF '50: Interscye - highest point in the crease USN: Interscye - upper end of the vertical . . . fold

USMC: Interscye Breadth - between the upper ends of the . . . creases

VIETNAM: Interscye Breadth - between armpit creases

WAC: Cross Back Width - most superior point of the axillary fold

WAF: Interscye - tip of the crease

WOMEN: Posterior Chest Width - at the level . . . of the seventh thoracic

vertebra

Indeterminable:

None

See Also:

Interscye, Maximum

CROSS BACK WIDTH

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon but with

Cross Back Width-WAC (Continued)

feet slightly apart with back to measurer. With the lower edge of tape resting on the most superior point of the axillary fold the measurement is taken from the left to the right axillary fold.

N: 3414

X: 35.39 cm; 12.93 in SD: 2.81 cm; 1.11 in

V%: [7.94]

Similar Dimensions:

Equivalent:

ARMY '66: Interscye Breadth

JAPAN: Interscye KOREA: Interscye NATO: Interscye

NAVY RECRUITS: Interscye Breadth

USAF: Interscye

USMC: Interscyc Breadth

USN: Interscye

WAF RECRUITS: Interscye

Not Equivalent:

ARMY QM: Cross Back Width - midway between the upper angle of the

axilla and acromiale

WOMEN: Posterior Chest Width - at the level . . . of the seventh thoracic

vertebra

Indeterminable:

In the following sources, the points on the armpit creases, between which the measurement is made, are not specified.

THAI: Interscye Breadth VIETNAM: Interscye Breadth

See Also:

Interscye, Maximum

CROTCH I HEIGHT

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 1.

N: 211

X: 5.72 cm; 2.25 in

SD: 0.56 cm; 0.22 in

V%: 9.73

Similar Dimensions:

Equivalent:

HANDS-MALE: Crotch 1 Height

Not Equivalent:

None

Indeterminable:

None

CROTCH 1 HEIGHT

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 1.

N: 148 X: 6.81 cm; 2.68 in

SD: 0.60 cm; 0.23 in

V%: 8.73

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Crotch 1 Height

Not Equivalent:

Crotch 1 Height-HANDS-MALE (Continued)

None

Indeterminable:

None

CROTCH 2 HEIGHT

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 2.

N: 211

X: 9.86 cm; 3.88 in

SD: 0.60 cm; 0.24 in.

V%: 6.09

Similar Dimensions:

Equivalent:

HANDS-MALE: Crotch 2 Height

Not Equivalent:

None

Indeterminable:

Nona

SPOTCH 2 HEIGHT

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 2.

N: 148

X: 11.05 cm; 4.35 in

SD: 0.60 cm; 0.24 in

V%: 5.43

Crotch 2 Height-HANDS-MALE (Continued)

Similar Dimensions:

Equivalent:

HANDS-MALE: Crotch 2 Height

Not Equivalent:

None

Indeterminable

None

CRCTCH 3 HEIGHT

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 3.

N: 211

X: 9.81 cm; 3.86 in

SD: 0.59 cm; 0.23 in

V%: 6.04

Equivalent:

HANDS-MALE: Crotch 3 Height

Not Equivalent:

None

Indeterminable:

None

CROTCH 3 HEIGHT

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand

Crotch 3 Height-HANDS-MALE (Continued)

crotch 3.

N: 148

X: 10.87 cm; 4.28 n

SD: 0.58 cm; 0.23 in

V%: 5.32

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Croich 3 Height

Not Equivalent:

None

Indeterminable:

None

CROTCH 4 HEIGHT

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 4.

N: 211

X: 8.72 cm; 3.43 in

SD: 0.60 cm; 0.24 in

V%: 6.91

Similar Dimensions:

Equivalent:

HANDS-MALE: Crotch 4 Height

Not Equivalent:

None

Indeterminable:

Crotch 4 Height-HANDS-FEMALE (Continued)

None

CROTCH 4 HEIGHT

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the level of hand crotch 4.

N: 148

X: 9.72 cm; 3.83 in

SD: 0.51 cm; 0.20 in

V%: 5.28

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Crotch 4 Height

Not Equivalent:

None

Indeterminable:

None

CROTCH HEIGHT

Reference: AAF

Vertical distance, subject standing, from crotch to floor.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam

Crotch Height-AAF (Continued)

AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam) NATO: Crotch Height (Inseam) NAVY RECRUITS: Crotch Height

THAI: Crotch Height
TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: ARMY '66

Subject stands erect, with his feet initially apart and then brought together after the anthropometer is in place. Crotch height is measured as the vertical distance from the floor (or standing surface) to the crotch. An anthropometer is used, with the anthropometer arm firmly in contact with the highest point in the crotch.

N: 6682

 \overline{X} : 82.93 cm; 32.65 in SD: 4.67 cm; 1.84 in

V%: 5.64

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

Crotch Height-ARMY '66 (Continued)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a steal

Indeterminable:

None

CROTCH HEIGHT (INSEAM)

Reference: ARMY AVIATORS

The vertical distance from the floor to the lowest level of the crotch.

N: 500

X: 80.49 cm; 31.69 in SD: 4.17 cm; 1.64 in

V%: [5.18]

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

Crotch Height (Inseam)-ARMY AVIATORS (Continued)

KOREA: Crotch Height (Inseam) NATO: Crotch Height (Inseam) NAVY RECRUITS: Crotch Height

THAI: Crotch Height
TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: JAPAN

Subject stands erect, his legs slightly apart. Kold the anthropometer vertically in front of the subject and raise the instrument arm between the scrotum and right leg. Have the subject bring his heels together and raise the instrument arm until it firmly presses against the flesh of the midpoint of the crotch. Record the indicated distance from the floor.

N: 232

X: 74.53 cm; 29.34 in SD: 3.46 cm; 1.36 in

V%: 4.60

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam

Crotch Height-JAPAN (Continued)

AUSTRALIA: Inside Leg

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT (INSEAM)

Reference: KOREA

Subject stands erect, his legs slightly apart. Hold the anthropometer vertically in front of the subject and raise the instrument arm between the scrotum and right leg. Have the subject bring his heels together and raise the instrument arm until it firmly presses against the flesh of the midpoint of the crotch. Record the indicated distance from the floor.

N: 264

X: 75.28 cm; 29.64 in SD: 3.52 cm; 1.39 in

V%: 4.63

Similar Dimensions:

Equivalent:

AAF: Crotch Height ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

Crotch Height (Inseam)—KOREA (Continued)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

NATO: Crotch Height (Inseam) NAVY RECRUITS: Crotch Height

THAI: Crotch Height
TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inscam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT (INSEAM)

Reference: NATO

Subject stands erect, his legs slightly apart. Hold the anthropometer vertically in front of the subject and raise the instrument arm between the scrotum and right leg. Have the subject bring his heels together and raise the instrument arm until it presses firmly against the flesh of the midpoint of the crotch. Measure the indicated distance above the standing surface.

Turkey	Greece	Italy
N: 915	1084	1358
\vec{X} : 78.78 cm; 31.02 in	80.14 cm; 31.55 in	80.62 cm; 31.74 in
SD: 3.89 cm; 1.53 in	3.90 cm; 1.54 in	4.29 cm; 1.69 in
V%: 4.94	4.86	5.32

Similar Dimensions:

Equivalent:

Crotch Height (Inseam)-NATO (Continued)

AAF: Crotch Height ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height
TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: NAVY RECRUITS

Subject stands erect, with his feet initially apart and then brought together after the anthropometer is in place. Crotch height is measured as the vertical distance from the floor (or standing surface) to the crotch. An anthropometer is used, with the anthropometer arm firmly in contact with the highest point in the crotch.

N: 4095

X: 83.15 cm; 32.74 in SD: 4.59 cm; 1.81 in

V%: 5.51

Similar Dimensions:

Equivalent:

Crotch Height—NAVY RECRUITS (Continued)

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam) NATO: Crotch Height (Inseam)

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: THAI

Measured as distance from floor to crotch.

N: 2950 X: 75.3 cm; 29.6 in SD: 3.9 cm; 1.5 in

V%: 5.2

Similar Dimensions:

Equivalent:

AAF: Crotch Height ARMY '66: Cro.ch Height

ARMY AVIATORS: Crotch Height (Inseam)

Crotch Height-THAI (Continued)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

TUFTS: Crotch Height

USAF '59: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: TUFTS

Vertical distance, subject standing, from crotch to floor.

No Data Available.

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Heig ...

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

Crotch Height-TUFTS (Continued)

THAI: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT [INSEAM]

Reference: USAF '50

Subject stands erect, his legs slightly apart. Hold the anthropometer vertically in front of the subject and raise the instrument arm between the scrotum and right leg. Have the subject bring his heels together and raise the instrument arm until it firmly presses against the flesh of the midpoint of the crotch. Record the indicated distance from the floor

N: 4062

 \overline{X} : 83.40 cm; 32.83 in SD: 4.39 cm, 1.73 in

V%: 5.25

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)

Crotch Height (Inscam)-USAF '50 (Continued)

NAVY RECRUITS: Crotch Height

THAI: Crotch Height
TUFTS: Crotch Height
USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: USMC

Subject stands erect, with his feet initially apart and then brought together after the anthropometer is in place. Crotch height is measured as the vertical distance from the floor (or standing surface) to the crotch. An anthropometer is used, with the anthropometer arm firmly in contact with the highest point in the crotch.

N: 2008

X: 82.95 cm; 32.66 in SD: 4.62 cm; 1.82 in

V%: 5.58

Similar Dimensions:

Equivalent:

AAF: Crotch Height ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Insecm)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam) NATO: Crotch Height (Inseam)

Crotch Height-USMC (Continued)

NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USN: Crotch Height VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: USN

Subject stands erect, his legs slightly apart. Hold the anthropometer vertically in front of the subject and raise the instrument arm between the scrotum and right leg. Have the subject bring his heels together and raise the instrument arm until it presses firmly against the flesh of the midpoint of the crotch. Measure the indicated distance above the standing surface.

N: 1549

X: 84.36 cm; 33.21 in SD: 4.12 cm; 1.62 in

V%: 4.88

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY AM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)

Crotch Height-USN (Continued)

NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot piaced on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: VIETNAM

Measured as distance from floor to crotch.

N: 2128

X: 73.9 cm; 29.1 in

SD: 4.0 cm; 1.6 in

V%: 5.4

Similar Dimensions:

Equivalent:

AAF: Crotch Height ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height

Crotch Height-YIETNAM (Continued)

TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height USN: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT (INSEAM)

Reference: WAF RECRUITS

Subject stands with her legs slightly apart. Measure from the floor to the highest point in the crotch. This measurement is made from the front of the subject with the anthropometer.

N: 851

X: 76.99 cm; 30.31 in SD: 4.15 cm; 1.63 in

V%: 5.39

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAYY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

Crotch Height (Inseam)-WAF RECRUITS (Continued)

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height
WASP: Crotch Height
WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: WASP

Vertical distance, subject standing, from crotch to floor.

Women Pilots

Flying Nurses

N: 447 X: 77.28 cm; 30.5 in

SD: NDA V%: NDA 151

74.90 cm; 29.5 in

NDA NDA

Similar Dimensions:

Equivalent:

AAF: Crotch Height ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam)
NATO: Crotch Height (Inseam)
NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

Crotch Height-WASP (Continued)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WOMEN: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH HEIGHT

Reference: WOMEN

Anthropometer. . . . The subject stood erect in a normal, nonfatigue position. . . The subject was asked to pull up the measuring suit by the waist band. The anthropometer was held in the right hand and the movable arm raised with the left until the brass point rested on the landmark the subject rested her left foot on a chair . . . The subject's right foot was directed straight forward. The middle line of the inner surface of the right thigh was sighted and marked. . . . This landmark corresponds to the intersection of the inside seams of the trouser legs with the crotch seams. [Height from floor to landmark]

N: 10042

X: 72.47 cm; 28.53 in SD: 4.42 cm; 1.74 in

V%: 6.1

Similar Dimensions:

Equivalent:

AAF: Crotch Height

ARMY '66: Crotch Height

ARMY AVIATORS: Crotch Height (Inseam)

ARMY QM: Inseam AUSTRALIA: Inside Leg JAPAN: Crotch Height

KOREA: Crotch Height (Inseam) NATO: Crotch Height (Inseam)

Crotch Height-WOMEN (Continued)

NAVY RECRUITS: Crotch Height

THAI: Crotch Height TUFTS: Crotch Height

USAF '50: Crotch Height (Inseam)

USMC: Crotch Height
USN: Crotch Height
VIETNAM: Crotch Height

WAF RECRUITS: Crotch Height (Inseam)

WASP: Crotch Height

Not Equivalent:

WAC: Inseam - stands on left foot with right foot placed on a stool

Indeterminable:

None

CROTCH LENGTH

Reference: JAPAN

Subject stands with his legs slightly apart. With the tape passing through the crotch and over the right buttock, measure the surface distance from the point marked on the front of the waist †the natural waistline, the level of greatest lateral indentation in the region of the abdoment to the waist line [same] marked directly above the buttock.

N: 237 X: 67.24 cn.; 15.47 in SD: 4.53 cm; 1.80 in V%: 6.81

Similar Dimensions:

Equivalent:

KOREA: Crotch Length USAF '50: Crotch Length WAC: Total Crotch Length

Not Equivalent:

ARM's GA: "Stat Stotch Length - a plane midway between the lowest mar-

Crotch Length-JAPAN (Continued)

gins of the ribs . . . and the superior margin . . . of the iliac crests NATO: Crotch Length-Omphalion - horizontal plane through omphalion

WAF RECRUITS: Crotch Length - [between omphalion and greatest lateral indentation]

WOMEN: Total Crotch Length - left foot on a stool . . . at average waist level . . . lower edge of the lowest rib

Indeterminable:

None

CROTCH LENGTH

Reference: KOREA

Subject stands with his legs slightly apart. With the tape passing through the crotch and over the right buttock, measure the surface distance from the point marked on the front of the waist †the natural waistline, the level of greatest lateral indentation in the region of the abdomen† to the waist line [same] marked directly above the buttock.

N: 264

 \overline{X} : 65.48 cm; 25.80 in SD: 4.90 cm; 1.93 in

V%: 7.48

Similar Dimensions:

Equivalent:

JAPAN: Crotch Length USAF '50: Crotch Length WAC: Total Crotch Length

Not Equivalent

ARMY QM: Total Crotch Length - a plane midway between the lowest margins of the ribs . . . and the superior margin . . . of the iliac crests

NATO: Crotch Length-Omphalion - horizontal plane through omphalion

WAF RECRUITS: Crotch Length - [between omphalion and greatest lateral indentation]

WOMEN: Total Crotch Length - left foot on a stool . . . at average waist level el . . . lower edge of the lowest rib

Crotch Length-KOREA (Continued)

Indeterminable:

None

CROTCH LENGTH

Reference: USAF '50

Subject stands with his legs slightly apart. With the tape passing through the crotch and over the right buttock, measure the surface distance from the point marked on the front of the waist *†the natural waistline*, the level of greatest lateral indentation in the region of the abdomen† to the waist line [same] marked directly above the buttock.

N: 4058

X: 71.63 cm; 28.20 in SD: 5.08 cm; 2.00 in

V%: 7.09

Similar Dimensions:

Equivalent:

JAPAN: Crotch Length KOREA: Crotch Length WAC: Total Crotch Length

Not Equivalent:

ARMY QM: Total Crotch Length - a plane midway between the lowest margins of the ribs . . . and the superior margin . . . of the iliac crests

NATO: Crotch Length-Omphalion - horizontal plane through omphalion

WAF RECRUITS: Crotch Length - [between omphalion and greatest lateral indentation]

WOMEN: Total Crotch Length - left foot on a stool . . . at average waist level . . . lower edge of the lowest rib

Indeterminable:

None

CROTCH LENGTH

leference: WAF RECRUITS

The subject stands with her legs slightly apart. Measure the distance with the tape from the anterior waist mark through the crotch and over the right buttock to the posterior waist mark. [Sketch indicates landmark inidway between omphalion and greatest lateral indentation (natural waist)]

N: 848 X: 69.64 cm; 27.42 in SD: 4.99 cm; 1.97 in V%: 7.17

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY QM: Total Crotch Length - a plane midway between the lowest margins of the ribs . . . and the superior margin . . . of the iliac crests

JAPAN: Crotch Length - level of greatest lateral indentation

KOREA: Crotch Length - level of greatest lateral indentation

NATO: Crotch Length-Omphalion - horizontal plane through omphalion

USAF '50: Crotch Length - level of greatest lateral indentation

WAC: Total Crotch Length - at the minimal circumference

WOMEN: Total Crotch Length - left foot on a stool . . . at average waist level . . . lower edge of the lowest rib

Indeterminable:

None

CROTCH LENGTH-OMPHALION

Reference: NATO

Subject stands with his legs slightly apart. Using the tape, measure the surface distance through the crotch and over the middle of the right buttock from the center of the umbilicus to the omphalion waist level landmark the horizontal plane through omphalion† on the right side of the back.

Crotch Length-Omphalion-NATO (Continued)

Turkey	Greece	Italy
N: 915	1084	1358
X: 66.91 cm; 26.34 in	65.85 cm; 25.93 in	66.47 cm; 26.17 in
SD: 3.99 cm; 1.57 in	3.88 cm; 1.53 in	3.76 cm; 1.48 in
V%: 5.96	5.88	5.65

Similar Dimensions:

Equivalent

None

Not Equivalent:

ARMY QM: Total Crotch Length - a plane midway between the lowest margins of the ribs . . . and the superior margin . . . of the iliac crests

JAPAN: Crotch Length - level of greatest lateral indentation KOREA: Crotch Length - level of greatest lateral indentation USAF '50: Crotch Length - level of greatest lateral indentation WAC: Total Crotch Length - at the minimal circumference

WAF RECRUITS: Crotch Length - [between omphalion and greatest lateral indentation]

WOMEN: Total Crotch Length - left foot on a stool . . . at average waist level . . . lower edge of the lowest rib

Indeterminable:

None

CROTCH THIGH CIRCUMFERENCE

Reference: ARMY QM

Erect posture, legs spread slightly to allow passage of the tape between them. The circumference of the thigh taken in a plane at right angles to the long axis of the femur through the gluteal fold.

N: 24832

X: 54.45 cm; 21.44 in

SD: 4.32 cm; 1.70 in

V%: [7.9]

Similar Dimensions:

Crotch Thigh Circumference-ARMY QM (Continued)

Equivalent:

GENEVA: Maximum Circumference of the Thigh

MONTAGU: Maximum Circumference of the Right Thigh

WAC: Thigh Circumference at Crotch

Not Equivalent:

AAF: Thigh Circumference - halfway between crotch and knee

ARMY '66: Upper Thigh Circumference - just below the gluteal furrow

ARMY QM: Middle Thigh Circumference - midway between . . . crotch and tibiale

BULGARIA: Thigh Circumference - at the . . . greatest bulging of the muscles

FAA: Thigh Circumference - juncture of the upper one-third and distal twothirds

FRANCE '65: Périmètre maximum de la cuisse - [just below the gluteal furrow]

JAPAN: Thigh Circumference - just below . . . the gluteal furrow

KOREA: Thigh Circumference - just below . . . the gluteal furrow

MARTIN: Groesster Umfang des rechten Oberschenkels - [at the greatest medial protrusion of the muscles . . . but not in the gluteal furrow]

NATO: Upper Thigh Circumference - as high in the crotch as possible

NAVY RECRUITS: Upper Thigh Circumference - just below the gluteal furrow

THAI: Crotch-Thigh Circumference - just below . . . (gluteal furrow)

USAF '50: Thigh Circumference - just below . . . the gluteal furrow

USMC: Upper Thigh Circumference - just below the gluteal furrow

USN: Upper Thigh Circumference - as high in the crotch as possible

VIETNAM: Crotch-Thigh Circumference - just below . . . (gluteal furrow)

WAC: Mid-Thigh Circumference - mid-way between crotch and knee

WAF RECRUITS: Thigh Circumference - as high up as possible in the crotch, without including any buttock

WASP: Thigh Circumference - halfway between crotch and knee

WOMEN: Midway Thigh Girth - halfway between . . . the trochanter major

WOMEN: Thigh Girth, Maximum - largest part of the thigh

Indeterminable:

None

See Also:

Lower Thigh Circumference Upper Thigh Circumference, Sitting

CROTCH-THIGH CIRCUMFERENCE

Reference: THAI

Measured as circumference of the right upper thigh, with tape passing just below crease of buttock (gluteal furrow).

N: 2950 X: 49.5 cm; 19.5 in SD: 3.7 cn; 1.5 in V%: 7.5

Similar Dimensions:

Equivalent:

ARMY '66: Upper Thigh Circumference

FRANCE '65: Périmètre maximum de la cuisse

JAPAN: Thigh Circumference KOREA: Thigh Circumference

NAVY RECRUITS: Upper Thigh Circumference

USAF '50: Thigh Circumference USMC: Upper Thigh Circumference VIETNAM: Crotch-Thigh Circumference

Not Equivalent:

AAF: Thigh Circumference - halfway between crotch and knee

ARMY QM: Crotch Thigh Circumference - through the gluteal fold

ARMY QM: Middle Thigh Circumference - midway between . . . crotch and tibiale

BULGARIA: Thigh Circumference - at the . . . greatest bulging of the muscles

FAA: Thigh Circumference - juncture of the upper one-third and distal two-thirds

GENEVA: Maximum Circumference of the Thigh - at the level of the gluteal fold

MARTIN: Groesster Umfang des rechten Oberschenkels - [at the greatest medial protrusion of the muscles . . . but not in the gluteal furrow]

MONTAGU: Maximum Circumference of the Right Thigh - in the gluteal fold NATO: Upper Thigh Circumference - as high in the crotch as possible

USN: Upper Thigh Circumference - as high in the crotch as possible

WAC: Thigh Circumference at Crotch - in the gluteal furrow

WAC: Mid-Thigh Circumference - half-way between crotch and knee

WAF RECRUITS: Thigh Circumference - as high up as possible in the crotch, without including any buttock

WASP: Thigh Circumference - halfway between crotch and knee

Crotch-Thigh Circumference—THAI (Continued)

WOMEN: Midway Thigh Girth - halfway between . . . the trochanter major

and tibiale

WOMEN: Thigh Girth, Maximum - largest part of the thigh

Indeterminable:

None

See Also:

Lower Thigh Circumference Upper Thigh Circumference, Sitting

CROTCH-THIGH CIRCUMFERENCE

Reference: VIETNAM

Measured as circumference of the right upper thigh, with tape passing just below crease of buttock (gluteal furrow).

N: 2125

 \overline{X} : 47.7 cm; 18.8 in SD: 3.6 cm; 1.4 in

V%: 7.5

Similar Dimensions:

Equivalent:

ARMY '66: Upper Thigh Circumference

FRANCE '65: Périmètre maximum de la cuisse

JAPAN: Thigh Circumference KOREA: Thigh Circumference

NAVY RECRUITS: Upper Thigh Circumference

THAI: Crotch-Thigh Circumference USAF '50: Thigh Circumference USMC: Upper Thigh Circumference

Not Equivalent:

AAF: Thigh Circumference - halfway between crotch and knee ARMY QM: Crotch Thigh Circumference - through the gluteal fold

ARMY QM: Middle Thigh Circumference - midway between . . . crotch and

tibiale

Crotch-Thigh Circumference—VIETNAM (Continued)

BULGARIA: Thigh Circumference - at the . . . greatest bulging of the muscles FAA: Thigh Circumference - juncture of the upper one-third and distal twothirds

GENEVA: Maximum Circumference of the Thigh - at the level of the gluteal fold

MARTIN: Groesster Umfang des rechten Obe: schenkels - [at the greatest medial protrusion of the muscles . . . but not in the gluteal furrow]

MONTAGU: Maximum Circumference of the Right Thigh - in the gluteal fold

NATO: Upper Thigh Circumference - as high in the crotch as possible USN: Upper Thigh Circumference - as high in the crotch as possible

WAC: Thigh Circumference at Crotch - in the gluteal furrow

WAF RECRUITS: Thigh Circumference - as high up as possible in the crotch, without including any buttock

WASP: Thigh Circumference - halfway between crotch and knee

WOMEN: Midway Thigh Girth - halfway between . . . the trochanter major and tibiale

WOMEN: Thigh Girth, Maximum - largest part of the thigh

Indeterminable:

None

See Also:

Lower Thigh Circumference Upper Thigh Circumference, Sitting

DACTYLION HEIGHT

Reference: NATO

The subject stands erect, his arms and hands extended, and the palms touching the thighs. Using the anthropometer, measure the vertical distance from the standing surface to the tip of the extended right middle finger.

Turkey	Greece	Italy
N: 915	1034	1358
X: 63.18 cm; 24.87 in	62.59 cm; 24.64 in	63.19 cm; 24.88 in
SD: 3.34 cm; 1.31 in	3.41 cm; 1.34 in	3.27 cm; 1.29 in
V% 5.28	5.44	5.17

Similar Dimensions:

Equivalent:

None

Not Equivalent:

GENEVA: Tip of the Middle Finger [Height] - the upper limbs are pendant MARTIN: Hoche der rechten Mittelfingerspitze ueber dem Boden - [the hand must be stretched completely, . . . it no longer touches the thigh]

MONTAGU: Right Dactylon [sic] Height - the fingers are removed from contact with the thigh and are pointing perpendicularly downwards

Indeterminable:

None

DELTOID ARC

Reference: NATO

Subject stands erect, his arms hanging naturally at his sides. Using the tape, measure the surface distance from the right acromiale landmark the highest point above the floor that can be palpated on the lateral edge of the acromial spine of the scapulat to the right deltoid landmark thelow the deltoid muscle, just where the muscle disappears from viewt below.

Deltoid Arc-NATO (Continued)

Turkey	Greece	Italy
N: 915	1084	1358
X: 14.98 cm; 5.90 in	14.86 cm; 5.85 in	14.83 cm; 5.84 in
SD: 1.13 cm; 0.44 in	1.09 cm; 0.43 in	1.10 cm; 0.43 in
V% 7.55	7.30	7.42

Similar Dimensions:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the distal interphalangeal joint of digit 2.

N: 211 X: 1.28 cm; 0.51 in SD: 0.09 cm; 0.04 in V% 6.95

Similar Dimensions:

Equivalent:

HANDS-MALE: Depth [of] Distal Interphalangeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the distal interphalangeal joint of digit 2.

Depth [of] Distal Interphalangeal Joint-Digit 2-IIANDS-MALE (Continued)

N: 148

X: 1.55 cm; 0.61 n

SD: 0.13 cm; 0.05 in

V% 8.53

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Depth [of] Distal Interphalangeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the distal interphalangeal joint of digit 3.

N: 211

X: 1.31 cm; 0.52 in

SD: 0.09 cm; 0.04 in

V% 7.11

Similar Dimensions:

Equivalent:

HANDS-MALE: Depth [of] Distal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the distal interphalangeal joint of digit 3.

N: 148

X: 1.60 cm; 0.63 in

SD: 0.13 cm; 0.05 in

V% 8.28

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Depth [of] Distal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 4

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the distal interphalangeal joint of digit 4.

N: 211

X: 1.25 cm; 0.49 in

SD: 0.09 cm; 0.03 in

V% 6.95

Similar Dimensions:

Equivalent:

HANDS-MALE: Depth [of] Distal Interphalangeal Joint-Digit 4

Not Equivalent:

Depth [of] Distal Interphalangeal Joint-Digit 4-HANDS-FEMALE (Continued)

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 4

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the ... maximum depth of the distal interphalangeal joint of digit 4.

N: 148

X: 1.51 cm; 0.60 in

SD: 0.13 cm; 0.05 in

V% 8.74

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Depth [of] Distal Interphalangeal Joint-Digit 4

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the ... maximum depth of the distal interphalangeal joint of digit 5.

N: 211

X: 1.13 cm; 0.45 in

SD: 0.09 cm; 0.03 in

V%: 7.51

Depth [of] Distal Interphalangeal Joint-Digit 5-HANDS-FEMALE (Continued)

Similar Dimensions:

Equivalent:

HANDS-MALE: Depth [of] Distal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] DISTAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the ... maximum depth of the distal interphalangeal joint of digit 5.

N: 148

X: 1.37 cm; 0.54 in

SD: 0.13 cm; 0.05 in

V%: 9.13

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Depth [of] Distal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] INTERPHALANGEAL JOINT-DIGIT 1

Reference: HANDS - FEMALE

Depth [of] Interphalangea! Joint-Digit 1-HANDS-FEMALE (Continued)

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the interphalangeal joint of digit 1.

N: 211

X: 1.66 cm; 0.66 in

SD: 0.12 cm; 0.04 in

V%: 6.90

Similar Dimensions:

Equivalent:

HANDS-MALE: Depth [of] Interphalangeal Joint-Digit 1

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] INTERPHALANGEAL JOINT-DIGIT 1

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the ... maximum depth of the interphalangeal joint of digit 1.

N: 148

X: 2.02 cm; 0.79 in

SD: 0.15 cm; 0.06 in

V%: 7.46

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Depth [of] Interphalangeal Joint-Digit 1

Not Equivalent:

Depth [of] Interphalangeal Joint-Digit 1-HANDS-MALE (Continued)

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 2.

N: 211

X: 1.62 cm; 0.64 in

SD: 0.10 cm; 0.04 in

V%: 6.22

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5

HANDS-MALE: Depth [of] Proximal Interphalangeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 2

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 2.

N: 148

X: 1.94 cm; 0.77 in

SD: 0.12 cm; 0.05 in

V%: 6.36

Depth [of] Proximal Interphalangeal Joint-Digit 2 HANDS-MALE (Continued)

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5
HANDS-FEMALE: Depth [of] Proximal Interphalangeal Joint-Digit 2

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 3.

N: 211

X: 1.67 cm; 0.66 in

SD: 0.11 cm; 0.04 in

V%: 6.50

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5
HANDS-MALE: Depth [of] Proximal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 3

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 3.

N: 148

X: 2.61 cm; 0.79 in

SD: 0.14 cm; 0.06 in

V%: 7.08

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5

HANDS-FEMALE: Depth [of] Proximal Interphalangeal Joint-Digit 3

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 4

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 4.

N · 211

 \overline{X} : 1.57 cm; 0.62 in

SD: 0.11 cm; 0.04 in

V%: 6.84

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5

HANDS-MALE: Depth [of] Proximal Interphalangeal Joint-Digit 4

Depth [of] Proximal Interphalangeal Joint-Digit 4-HANDS-FEMALE (Continued)

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JC:NT-DIGIT 4

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . mard-mum depth of the proximal interphalangeal joint of digit 4.

N: 148

 \overline{X} : 1.89 cm; 0.74 in SD: 0.13 cm; 0.05 in

V%: 7.04

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5
HANDS-FEMALE: Depth [of] Proximal Interphalangeal Joint-Digit 4

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS - FEMALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 5.

Depth [of] Proximal Interphalangeal Joint-Digit 5-HANDS-FEMALE (Continued)

N: 211

X: 1.39 cm; 0.55 in SD: 0.09 cm; 0.04 in

V%: 6.48

Similar Dimensiona:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5

HANDS-MALE: Depth [of] Proximal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

None

DEPTH [OF] PROXIMAL INTERPHALANGEAL JOINT-DIGIT 5

Reference: HANDS - MALE

Subject's right hand is extended. With the sliding caliper, measure the . . . maximum depth of the proximal interphalangeal joint of digit 5.

N. 211

X: 1.67 cm; 0.66 in

SD: 0.12 cm; 0.35 in

V%: 7.45

Similar Dimensions:

Equivalent:

BARTER: Thickness of Proximal Knuckle of Digits 2 to 5

HANDS-FEMALE: Depth [of] Proximal Interphalangeal Joint-Digit 5

Not Equivalent:

None

Indeterminable:

DIAGONAL ANKLE GIRTH

Reference: FOOT

Girth around posterior-inferior aspect of the heel and the dorsal junction of the foot and leg.

White

Negro

N: 5575

X: 34.41 cm; 13.55 in

Est SD: [1.54 cm; 0.61 in]

34.99 cm; 13.78 in [1.60 cm; 0.64 in]

Est V%: [4.47]

[4.57]

1200

Similar Dimensions:

Equivalent:

ARMY '66: Heel-Ankle Circumference MORANT: Diag al Ankle Girth

NAVY RECLUSIS. Heel-Ankle Circumference

THAI: Heel-And Diagonal

VIETNAM: Heel-Ankle Circumference USMC: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

DIAGONAL ANKLE GIRTH

Reference: MORANT

This is the girth, taken with a narrow linen tape, round the postcrior-inferior aspect of the heel and along the line marked indicating the dorsal junction of the foot and leg. When positioning the tape the subject is not required to raise his heel.

Diagonal Ankle Girth-MORANT (Continued)

N: 200

X: 33.39 cm; 13.15 in SD: 1.39 cm; 0.55 in

V%: [4.05]

Similar Dimensions:

Equivalent:

ARMY '56: Heel-Ankle Circumjerence

FOOT: Diagonal Ankle Girth

NAVY RECRUITS: Heel-Ankle Circumference

THAI: Heel-Ankle Diagonal

USMC: Heel-Ankle Circumference VIETNAM: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

DIAGONAL FOOT BREADTH

Reference: MORANT

This is the chord taken with small calipers between points marked on the medial surface of the ball and on the lateral surface in the region of the fifth metatarso-phalangeal joint. The former point is usually appreciably higher than the latter so the chord is not horizontal. †Subjects were without footwear and socks. . . . They stood "at ease" . . . with the body weight roughly supported equally by the two feet.†

N: 200

 \overline{X} : 10.15 cm; 4.00 in SD: 0.48 cm; 0.19 in

V%: [4.63]

Diagonal Foot Breadth-MORANT (Continued)

Similar Dimensions:

Equivalent:

FOOT: Foot Breadth (Diagonal)

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY '66: Ball of Foot Breadth-A foot measuring box is used

ARMY ARMORED: Foot Breadth-maximum breadth

ARMY AVIATORS: Foot Breadth-maximum width of the right foot

ARMY QM: Foot Breadth—Anthropometer held perpendicular to the antero-posterior axis of the foot

FOOT: Foot Breadth (Horizontal) - [anthropometer arms] parallel to the longitudinal axis

HRDLICKA: Foot Breadth-maximum breadth of the foot

KOREA: Foot Breadth-widest part of the foot

MARTIN: Breite des belasteten rechten Fusses-[of the weight supporting foot]

NATO: Foot Breadth-widest part of the foot

NAVY RECRUITS: Eall of Foot Breadth-A foot measuring box is used

THAI: Foot Breadth-maximum breadth

USAF '50: Foot Breadth—the widest part of the foot

USMC: Ball of Foot Breadth—A foot measuring box is used

USN: Foot Breadth-the widest part of the foot

VIETNAM: Foot Breadth—maximum breadth of right foot

WAF RECRUITS: Foot Width-widest part of the foot

WAC: Foot Breadth-stands on left fcot with right fcot placed on a stool

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AUSTRALIA: Foot Width

FAA: Foot Breadth

FRANCE '65: Largeur die pied MONT AGU: Foot Breadth

See Also:

Breadth of Instep

DIAMETER FRONTAL MINIMUM

Reference: HPDLIČKA

The shortest distance between the temporal crests above the zygomatic processes of the frontal squama.

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Minimum Frontal

FRANCE '65: Largeur frontale minimum

KOREA: Minimum Frontal Diameter MARTIN: Kleinste Stirnbreite

MONACO: Largeur frontale minima MONTAGU: Minimum Frontal Breadth NATO: Minimum Frontal Diameter USAF '50: Minimum Frontal Diameter

WAC: Minimum Frontal

Not Equivalent:

None

Indeterminable:

None

See Also:

Maximum Frontal Diameter

DIAMETRE ANTERO-POSTERIEUR DE LA POITRINE [ANTERIOR-POSTERIOR CHEST DEPTH]

Reference: FRANCE '65

Subject debout en état respiratoire indifferent. Mesure prise au niveau du le cartilage costal.

[The subject stands, calm respiration. The measurement is taken at the level of the fourth costal cartilage.] [Position of arms not specified, but illustrated as pendant. Instrument unknown.]

Diamètre antero-posterieur de la poitrine [Anterior-Posterior Chest Depth] —FRANCE '65 (Continued)

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilots

N: 220 450 150

 \vec{X} : 21.31 cm; 8.38 in 21.58 cm; 8.49 in 21.33 cm; 8.39 in SD: 1.55 cm; 0.61 in 1.77 cm; 0.68 in 1.82 cm; 0.71 in

V%: 7.29 8.22 8.56

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Depth - at nipple level

ARMY '66: Chest Depth - at the level of the nipples ARMY ARMORED: Chest Depth - at nipple level

ARMY ARMORED: Chest Thickness - Greatest thickness from front to back

ARMY AVIATORS: Chest Depth - at nipple level

ARMY QM: Chest Depth - sliding arm of the anthropometer . . . just above the nipples

FAA: Chest Depth - at the nipple line

GENEVA: Antero-Posterior Diameter of the Thorax (no. 1) [Xiphoid - Intermediate Stage] - at the level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax (no. 1) [Xiphoid - Mean] - at the level of base of ensiform [xiphoid] cartilage

GENEVA: Antero-Posterior Diameter of the Thorax (no. 2) [Mesosternale - Intermediate Stage] - measurement . . . made in the intermediate stage† †extremes of inspiration and of expiration

GENEVA: Antero-Posterior Diameter of the Thorax (no. 2) [Mesosternale - Mean] - mean of . . . extremes of Inspiration and of expiration

HRDLICKA: Antero-Posterior Diameter of the Chest [Men] - at . . . the nipples HRDLICKA: Antero-Posterior Diameter of the Chest [Women] - forearms are flexed loosely at about right angles . . . arms . . . forward . . . 65 degrees

INDIA: Chest [Depth, Sitting] - seat . . . adjusted . . . back against one wing of the board

KOREA: Chest Depth - at the level of the nlpples

MONTAGU: Chest Depth or Antero-Posterior Diameter of the Thorax - At the level of the inferior angles of the scapulae

NATO: Chest Depth - at the level of the nipples

NAVY RECRUITS: Chest Depth - at the level of the nipples

THOUSAND AVIATORS: Chest Anterior-Posterior Diameter - at the level of

Diamètre antero-posterieur de la poitrine [Anterior-Posterior Chest Depth]—FRANCE '65 (Continued)

the nipple

TUFTS: Chest Depth - at nipple level

USAF '50: Chest Depth - at the level of the nipples USMC: Chest Depth - at the level of the nipples USN: Chest Depth - at the level of the nipples

WAC: Chest Depth - left arm extended forward horizontally ... high in

the axilla

Indeterminable:

BULGARIA: Antero-Posterior Diameter of the Chest - Measured with pelvimeter

DIAMETRE BI-ACROMIAL [BIACROMIAL DIAMETER]

Reference: FRANCE '65

Sujet au garde à vous. Distance entre les bords latéraux des acromions.

[The subject [sits] at attention. Distance between the lateral edges of the acromions.]

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilot	N	Military	Fighter	Pilots	Military	Transport	Pilets	Civilian Transpo	rt Pilots
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N: 220	450	150
X: 40.31 cm: 15.87 in	40.47 cm; 15.93 in	40.23 cm; 15.83 in
SD: 2.06 cm; 0.21 in	2.06 cm; 0.81 in	1.29 cm; 0.50 in
V%: 5.11	5.10	3.20

Similar Dimensions:

Equivalent:

AAF: Biacromial

ARMY ARMORED: Biacromial COMAS: Bi-Acromial Breadth

MARTIN: Breite zwischen den Akromien

MONTAGU: Bi-Acromial Breadth

THOUSAND AVIATORS: Biacromia! Diameter

WASP: Biacromial

Not Equivalent:

GENEVA: Bi-Acromial Diameter - between the 2 acromial points †superior

Diamètre bi-acromial [Biacromi d Diameter]-FRANCE '65 (Continued)

and external border of the acromial process

JAPAN: Biacromial Diameter - (acromion to acromion) thighest point on the lateral edge of the shoulder bone

KOREA: Biacromial Diameter - (acromion to acromion) thighest point on the lateral edge of the shoulder bone

NATO: Biacromial Breadth - between the right and left acromion landmarks the highest point on the lateral edge of the acromial spine

USAF '50: Eigeromial Diameter - (acromion to acromion) the highest point on the lateral edge of the shoulder bone

Indeterminable:

BULGARIA: Biacromial Breadth - [acromion not defined]

See Also:

Bideltoid Breadth

DIAMETRE BICRETE [BICRISTALE DIAMETER]

Reference: FRANCE '65

Sujet au garde à vous. Distance au niveau s crètes iliaques entre les points cutanés les plus externes sans déprimer les par les molles.

[The subject stands at attention. Distance at the level of the iliac crasts between the most lateral protrusion of the sides without pressing in the surface of the skin.]

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilots

N: 220 450 150 X: 30.16 cm; 11.87 in 30.41 cm; 11.97 in 30.28 cm; 11.92 in 5D: 2.04 cm; 0.08 in 2.20 cm; 0.86 in 2.09 cm; 0.82 in 6.90

Similar Dimensions:

Equivalent:

None

Not Equivalent:

Diamètre bicrete [Bicristale Diameter]-FRANCE '65 (Continued)

ARMY '66: Hip Breadth, Standing - maximum breadth
FAA: Hip Breadth - maximum transverse diameter
KOREA: Hip Breadth - the widest portion of the hips
NATO: Hip Breadth - the widest portion of the hips
NAYY RECRUITS: Hip Breadth, Standing - maximum breadth
THAI: Hip Breadth, Standing - maximum breadth
USAF '50: Hip Breadth - the widest portion of the hips
USMC: Hip Breadth, Standing - maximum breadth
USN: Hip Breadth - the widest portion of the hips

VIETNAM: Hip Breadth, Standing - maximum breadth WAF RECRUITS: Hip Breadth - widest portion of the hips

Indeterminable:

None

See Also:

Bi-illiac Bi-trochanteric Breadth, Bone Hip Breadth, Sitting

DIAMETRE BIDELTOIDIEN [BIDELTOID DIAMETER]

Reference: FRANCE '65

Sujet au garde à vous. Distance entre les points les plus externes des muscles deltoïdes.

[The subject [sits] at attention. Distance between the most exterior points of the deltoid muscles.]

Military Fighter Pilots	Military Transport Pilots	Civilian Transport Pilots
N: 220	450	150
X: 46.60 cm; 18.34 in	46.48 cm; 18.29 in	46.34 cm; 18.24 in

X: 46.60 cm; 18.34 in 46.48 cm; 18.29 in 46.34 cm; 18.24 in SD: 2.04 cm; 0.80 in 2.06 cm; 0.81 in 2.15 cm; 0.84 in 4.38 4.65

Similar Dimensions:

Equivalent:

Diamètre bideltoidien [Bideltoid Diameter]-FRANCE '65 (Continued)

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify arm position.

AAF: Bi-Deltoid

ARMY '66: Shoulder Breadth (Bideltoid Breadth)

ARMY ARMORED: Bi-Deltoid
ARMY AVIATORS: Shoulder Breadth

ARMY QM: Bi-Deltoid FAA: Shoulder Breadth

GENEVA: Bi-Humeral Diameter HOOTON: Shoulder Breadth INDIA: Shoulder [Width]

KOREA: Shoulder Breadth (Bideltoid Diameter)
NATO: Bi-Deltoid Breadth (Shoulder Breadth)

NAVY RECRUITS: Shoulder Breadth (Bideltoid Breadth)

THAI: Shoulder Breadth TUFTS: Bi-Deltoid

TUFTS: Shoulder Breadth

USAF '50: Shoulder Breadth (Bi-Deltoid Diameter)
USMC: Shoulder Breadth (Bideltoid Breadth)

USN: Bi-Deltoid Diameter VIETNAM: Shoulder Breadth

WAC: Bideltoid WASP: Bi-Deltoid

See Also:

Biacromial Diameter Elbow to Elbow Breadth Maximum Body Breadth

DIAMETRE BIGONIAQUE [BIGONIAL DIAMETER]

Reference: MONACO

Compas d'épaisseur. Éviter avec soin la partie charnue du masséter. †Points anatomiques: gonions ou sommet des angles que forment les branches montantes avec le corps de la mandibule. Mesurer leur écartement en appliquant le compas sur la face externe.†

Diamètre bigoniaque [Bigonial Di. meter] -- MONACO (Continued)

[Spreading caliper. The fleshy parts of the masseters are to be avoided. †Landmarks: The gonions, or points of the angles formed by the ascending branches with the body of the lower jaw. The separation of the angles is measured by applying the caliper to their external surfaces.†]

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension does not specify pressure.

ARMY QM: Bigonial

FRANCE '65: Largeur bigoniale HRDLICKA: Bigonial Diameter JAPAN: Bigonial Diameter KOREA: Bigonial Diameter MONTAGU: Bigonial Breadth NATO: Bigonial Diameter NORWAY: Bigonial Breadth USAF '50: Bigonial Diameter USN: Bigonial Diameter

DIAMETRE BIMASTOIDIEN MAXIMUM [MAXIMUM BIMASTOIDAL DIAMETER]

Reference: MONACO

Compas d'épaisseur . . . en se placant derrière le sujet. †Point anatomique: face externe de l'apophyse mastoïde au niveau du centre du trou auditif. A ce niveau chercher avec le compas d'épaisseur la ligne transver sale d'écartement maximum.†

[Spreading caliper. [the observer] standing behind the subject.

Diamètre bimastoïdien maximum [Maximum Bimastoïdal Diameter]—MONACO (Continued)

†Landmarks: The external surface of each mastoid process at the level of the center of the meatus auditorius. At this level search with the spreading caliper for the maximum diameter.†]

No Data Available

Similar Dimensions:

None

See Also:

Head Breadth
Maximum Frontal Diameter

DIAMETRE BI-TROCHANTER [BITROCHANTERIC DIAMETER]

Reference: FRANCE '65

Sujet au garde à vous. Distance entre les plus saillants des extrêmités des diaphyses fémorales.

[The subject stands at attention. Distance between the most lateral prominences of the femur.]

Military Fighter Pilots	Military	Transport	Pilots	Civilian	Transport	Pilots
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N: 220		450	150
\overline{X} : 33.51	cm; 13.19 in	33.60 cm; 13.22 in	33.62 cm; 13.23 in
SD: 1.51 c	m; 0.59 in	1.63 cm; 0.64 in	1.57 cm; 0.61 in
V%: 451		4.86	4.69

Similar Dimensions:

Equivalent:

BULGARIA: Bitrochanteric Breodth GENEVA: Bi-Trochanteric Diameter

MONTAGU: Bi-Trochanteric

NATO: Bi-Trochanteric Breadth - Bone

Not Equivalent:

Diamètre bi-trochanter [Bitrochanteric Diameter]-FRANCE '65 (Continued)

None

Indeterminable:

None

See Also:

Bi-Iliac Hip Breadth

DIAMETRE BIZYGOMATIQUE [BIZYGOMATIC DIAMETER]

Reference: MONACO

Compas d'épaisseur... Chercher avec soin le maximum qui est souvent plus en arrière qu'on ne le suppose.

†Point anatomique: face externe des apophyses zygomatiques.

A ce niveau chercher avec le compas la ligne transversale d'écartement maximum.†

[Spreading caliper... The maximum should be searched for with care, for it is often located more posteriorly than one would expect. †Landmarks: the external surface of the zygomatic arches. The object is to find the greatest diameter with the caliper.†]

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter

MARTIN: Jochbogenbreite
MONTAGU: Bizygomatic Breadth

NATO: Bizygomatic Diameter

Diamètre bizygomatique [Bizygomatic Diameter]-MONACO (Continued)

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

DIAMETRE NASO-ALVEOLAIRE [NASO-ALVEOLAR DIAMETER]

Reference: MONACO

Compas glissière.

†Points anatomiques: en haut: nasion; en bas: le point le plus inferieur du bord alvéolaire, entre les deux incisives médianes et supérieures †. Il est toujours facile de faire retrousser les lèvres au sujet pour qu'on puisse apercevoir le bord libre des gencives.

[Sliding caliper.

†Landmarks: superiorly-the nasion; inferiorly-the lowest point of the alveolar border between the 2 median upper incisors†. It is always easily possible to turn the lips up so that the free border of the gums can be seen.]

No Data Available

Similar Dimensions:

None

See Also:

Diamètre naso-buccal

DIAMETRE NASO-BUCCAL [NASO-BUCCAL DIAMETER]

Reference: MONACO

Compas glissière.

Points anatomiques dans le plan médian: en haut: nasion; en bas: interligne des

[Sliding caliper.

Landmarks: in the median plane, superiorly-the nasion; inferiorly-the line between the lips.]

No Data Available

Similar Dimensions:

See Also:

Diamètre naso - alvéolaire

DIAMETRE NASO-MENTONNIER [NASO-MENTON DIAMETER]

Reference: MONACO

Compas glissière.

†Points anatomiques: en haut: nasion; en bas: bord inférieur de la mandibule, dans le plan median† †en pressant un peu pour ne pas tenir compte des épaisseurs adipeuses†. Chercher le nasion en remontant avec l'ongle le dos du nez jusqu'au léger ressaut que fait le bord inférieur du frontal.

Sliding caliper.

†Landmarks: superiorly: the nasion; inferiorly- the inferior border of the lower jaw, in the median plane† †a slight pressure is to be used to discount the soft parts†. Look for the nasion by passing the nail along the ridge of the nose until it encounters a slight ridge which is formed by the inferior border of the frontal.

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Face Length

Diamètre naso-mentonnier [Naso-Menton Diameter]-MONACO (Continued)

COMAS: Morphological Facial Height FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoehe

NORWAY: Height of Face

WAC: Face Length

Not Equivalent:

ARMY '66: Face Length (Menten-Nasal Root Length) - to the nasal root depression

MONTAGU: Morphological Facial Height - the lowest median point on the lower border of the mandible

NATO: Menton-Nasal Root Depression Length - nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) - to the masal root depression

USMC: Face Length (Menton-Nasal Root Length) - to the nasal root depression

THAI: Face Length - depression of nose between eyes

VIETNAM: Face Length - depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

1

DIAMETRE TRANSVERSE DE LA POITRINE [TRANSVERSE DIAMETER OF THE CHEST]

Reference: FRANCE '65

Sujet debout en état respiratoire indifférent. Largeur maxima du thorax au niveau du 4e cartilage costal.

[The subject stands, calm respiration. Greatest breadth of the thorax at the level of the fourth costal cartilage.]

Military Fighter Pilo	ts Military	Transport	Pilots	Civilian	Transport	Pilots

N: 220	450	150
X: 32.99 cm; 12.98 in	33.05 cm; 13.01 in	33.15 cm; 13.05 in
SD: 2.55 cm; 1.00 in	2.62 cm; 1.03 in	2.67 cm; 1.05 in
V% · 7 73	7 95	8.08

Diamètre tranverse de la poitrine [Transverse Diameter Of The Chest]—FRANCE '65 (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Chest Breadth - at nipple level

ARMY '66: Chest Breadth - measured at the level of the nipples

ARMY ARMORED: Chest Breadth - at nipple level

ARMY ARMORED: Chest Width - Arms fully extended above head . . . greatest width

ARMY QM: Chest Breadth - just above the nipples. [Anthropometer] . . . arms . . . project downward and backward. . . . Firm pressure

FAA: Chest Breadth - at the nipple level

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Intermediate] - at the level of the base of the ensiform cartilage . . . in the intermediate stage as regards . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 1) [Xiphoid - Mean - at the level of the base of the ensiform cartilage . . . mean of . . . extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesesternale - Intermediate]
- at the level of the upper border of the 4th chondro-sternal articulation.

†in the intermediate stage as regards . . . the extremes of inspiration and of expiration

GENEVA: Transverse Diameter of Thorax (no. 2) [Mesosternale - Mean] - at the level of the upper border of the 4th chondro-sternal articulation. †the mean of . . . extremes of inspiration and of expiration

HRDLICKA: Transverse Diameter of the Chest [Men] - at the line of the nipples . . . forearms . . . at right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed branch pressed . . . until it meets with the resistance of the ribs

HRDLICKA: Transverse Diameter of the Chest [Women] - forearms . . . at about right angles . . . arms . . . forward . . . 65 degrees outward from the body . . . fixed branch pressed . . . until it meets with the resistance of the ribs

KOREA: Chest Breadth - at the level of the nipples

MONTAGU: Chest Breadth or Transverse Diameter of the Thoras - between the most lateral points on the chest

NATO: Chest Breadth — Bone - instrument at the level of the subject's nipples . . . using strong pressure to compress the flesh. Angle the tips of the anthropometer downward slightly

NATO: Chest Breadth - Skin - at the level of the subject's nipples

Diamètre tranverse de la poitrine [Transverse Diameter Of The Chest]—FRANCE '65 (Continued)

NAVY RECRUITS: Chest Breadth - measured at the level of the nipples

THOUSAND AVIATORS: Chest Breadth - at the level of the nipple

USAF '50: Chest Breadth - at the level of the nipples

USMC: Chest Breadth - measured at the level of the nipples

USN: Chest Breadth - instrument at the level of the subject's nipples . . . using strong pressure to compress the fiesh. Angle the tips of the anthropometer downward slightly

WAC: Chest Breadth - arms extended horizontally to the side ... needles extend downward and backward ... high in the axilla

WAF RECRUITS: Chest Breadth - at the level of the nipples

Indeterminable:

[In the following reference, the stage of respiration is not specified.]

BULGARIA: Transverse Diameter of the Chest

See Also:

Anterior Chest Width Posterior Chest Width

DIGIT I HEIGHT; PERFENDICULAR TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 1.

N: 211

 \overline{X} : 8.64 cm; 3.40 in

SD: 0.84 cm; 0.33 in

V%: 9.69

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 1 Height; Perpendicular to Wrist Crease

Not Equivalent:

Digit 1 Height; Perpendicular To Wrist Crease-HANDS-FEMALE (Continued)

Indeterminable:

None

DIGIT 1 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 1.

N: 148

X: 10.03 cm; 3.95 in SD: 0.92 cm; 0.36 in

V%: 9.17

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 1 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 2 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 2.

N: 211

X: 16.43 cm; 6.47 in

SD: 0.92 cm; 0.36 in

V%: 5.58

Similar Dimensions:

Digit 2 Height; Perpendicular To Wrist Crease—HANDS-FEMALE (Continued)

Equivalent:

HANDS-MALE: Digit 2 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 2 HEIGHT; PERPENICULAR TO WRIST CREASE

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 2.

N: 148

X: 18.32 cm; 7.21 in SD: 0.88 cm; 0.35 in

3D. 0.00 Cm, 0.

V%: 4.80

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 2 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 3 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 3.

Digit 3 Height; Perpendicular To Wrist Creaso-HANDS-FEMALE (Continued

N: 211 X: 17.63 cm; 6.94 in SD: 0.88 cm; 0.35 in

V%: 4.97

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 3 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 3 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 3.

N: 148

X: 19.52 cm; 7.69 in SD: 0.92 cm; 0.36 in

V%: 4.72

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 3 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

DIGIT 4 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 4.

N: 211

X: 16.36 cm; 6.44 in SD: 0.89 cm; 0.35 in

V%: 5.42

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 4 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 4 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 4.

N: 148

X: 18.20 cm; 7.16 in SD: 0.88 cm; 0.35 in

V%: 4.83

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 4 Height; Perpendicular to Wrist Crease

Not Equivalent:

Digit 4 Height; Perpendicular To Wrist Crease-HANDS-MALE (Continued)

Indeterminable:

None

DIGIT 5 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 5.

N: 211

X: 13 00 cm; 5.12 in

SD: 0.89 cm; 0.35 in

V%: 6.87

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 5 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 5 HEIGHT; PERPENDICULAR TO WRIST CREASE

Reference: HANDS - MALE

[T]he perpendicular distance from the wrist crease baseline to the midpoint of the tip of digit 5.

N: 148

X: 14.60 cm; 5.75 in

SD: 0.80 cm; 0.32 in

V%: 5.50

Similar Dimensions:

Digit 5 Height; Perpendicular To Wrist Crease-KANDS-MALE (Continued)

Equivalent:

HANDS-FEMALE: Digit 5 Height; Perpendicular to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 1 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 1 from the midpoint of the t'p of digit 1 to the level of hand crotch 1.

N · 211

X: 5.37 cm; 2.12 in

SD: 0.44 cm; 0.17 in

V%: 8.23

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 1 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 1 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - MALE

[T]he distance along the axis of digit 1 from the midpoint of the tip of digit 1 to

Digit 1 Length; Fingertip To Crotch Level-HANDS-MALE (Continued)

the level of hand crotch 1.

N: 148

X: 5.87 cm; 2.31 in

SD: 0.45 cm; 0.18 in

V%: 7.63

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 1 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 2 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 2 from the midpoint of the tip of digit 2 to the level of hand crotch 2.

N: 211

X: 6.90 cm; 2.72 in

SD: 0.52 cm; 0.20 in

V%: 7.52

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 2 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

DIGIT 2 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - MALE

[T]he distance along the axis of digit 2 from the midpoint of the tip of digit 2 to the level of hand crotch 2.

N: 148

X: 7.53 cm; 2.96 in SD: 0.46 cm; 0.18 in

V%: 6.09

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 2 length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 3 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 3 from the midpoint of the tip of digit 3 to the average level of hand crotch 2-3.

N: 211

X: 7.79 cm; 3.07 in SD: 0.51 cm; 0.20 in

V%: 6.49

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 3 Length; Fingertip to Crotch Level

Not Equivalent:

Digit 3 Length; Fingertip To Crotch Level-HANDS-FEMALE (Continued)

None

Indeterminable:

None

DIGIT 3 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - MALE

[T]he distance along the axis of digit 3 from the midpoint of the tip of digit 3 to the average level of hand crotch 2-3.

N: 148

X: 8.57 cm; 3.37 in SD: 0.51 cm; 0.20 in

V%: 6.00

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 3 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 4 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 4 from the midpoint of the tip of digit 4 to the average level of hand crotch 3-4.

N: 211

X: 7.31 cm; 2.88 in

SD: 0.52 cm; 0.20 in

V%: 7.05.

Digit 4 Length; Finzertip To Crotch Level-HANDS-FEMALE (Continued)

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 4 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 4 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - MALE

[T]he distance along the axis of digit 4 from the midpoint of the tip of digit 4 to the average level of hand crotch 3-4.

N: 148

X: 8.05 cm; 3.17 in SD: 0.47 cm; 0.19 in

V%: 5.87

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 4 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 5 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - FEMALE

Digit 5 Length; Fingertip To Crotch Level—HANDS-FEMALE (Continued)

[T]he distance along the axis of digit 5 from the midpoint of the tip of digit 5 to the level of hand crotch 4.

N: 211

X: 5.46 cm; 2.15 in

SD: 0.44 cm; 0.17 in

V%: 8.03

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 5 Length; Fingertip to Crotch Level

Not Equivalent:

None

Indeterminable:

None

DIGIT 5 LENGTH; FINGERTIP TO CROTCH LEVEL

Reference: HANDS - MALE

[T]he distance along the axis of digit 5 from the midpoint of the tip of digit 5 to the level of hand crotch 4.

N: 148

X: 6.14 cm; 2.42 in

SD: 0.47 cm; 0.18 in

V%: 7.63

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 5 Length; Fingertip to Crotch Level

Not Equivalent:

None

642

1-2 105 1: 11/ 3 ME 3/11

Digit 5 Length; Fingertip To Crotch Level-HANDS-MALE (Continued)

Indeterminable:

None

DIGIT 1 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 1 from the midpoint of the tip of digit 1 to the wrist crease baseline.

N: 211

X: 11.05 cm; 4.35 in SD: 1.00 cm; 0.40 in

V%: 9.07

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 1 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 1 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS -- MALE

[T]he distance along the axis of digit 1 from the midpoint of the tip of digit 1 to the wrist crease baseline.

N: 148

X: 12.70 cm; 5.00 in SD: 1.13 cm; 0.45 in

V%: 8.91

Similar Dimensions:

Digit 1 Length; Total, Tip To Wrist Crease-HANDS-MALE (Continued)

Equivalent:

HANDS-FEMALE: Digit 1 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 2 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 2 from the midpoint of the tip of digit 2 to the wrist crease baseline.

N: 211

X: 16.67 cm; 6.56 in SD: 0.89 cm; 0.35 in

V%: 5.38

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 2 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 2 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - HALE

Digit 2 Length; Total, Tip To Wrist Crease-HANDS-MALE (Continued)

[T]he distance along the axis of digit 2 from the midpoint of the tip of digit 2 to the wrist crease baseline.

N: 148

 \overline{X} : 13.52 cm; 7.29 in

SD: 0.88 cm; 0.35 in

V%: 4.75

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 2 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 3 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 3 from the midpoint of the tip of digit 3 to the wrist crease.

N: 211

X: 17.65 cm; 6.95 in

SD: 0.87 cm; 0.34 in

V%: 4.93

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 3 Length; Total, Tip to Wrist Crease

Not Equivalent:

Digit 3 Length; Total, Tip To Wrist Crease-HANDS-FEMALE (Continued)

Indeterminable:

None

DIGIT 3 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - MALE

[T]he distance along the axis of digit 3 from the midpoint of the tip of digit 3 to the wrist crease baseline.

N: 148

X: 19.52 cm; 7.69 in SD: 0.92 cm; 0.36 in

V%: 4.72

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 3 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 4 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 4 from the midpoint of the tip of digit 4 to the wrist crease baseline.

N: 211

X: 16.76 cm; 6.60 in SD: 8.94 cm; 3.52 in

V%: 5.34

Similar Dimensions:

Digit 4 Length; Total, Tip To Wrist Crease-HANDS-FEMALE (Continued)

Equivalent:

HANDS-MALE: Digit 4 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 4 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - MALE

[T]he distance along the axis of the digit 4 from the midpoint of the tip of digit 4 to the wrist crease baseline.

N: 148

X: 18.72 cm; 7.37 in

SD: 0.91 cm; 0.36 in

V%: 4.84

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 4 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 5 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - FEMALE

[T]he distance along the axis of digit 5 from the midpoint of the tip of digit 5 to

Digit 5 Length; Total, Tip To Wrist Crease-HANDS-FEMALE (Continued)

the wrist crease baseline.

N:211

X: 14.64 cm; 5.76 in

SD: 0.92 cm; 0.36 in

V%: 6.26

Similar Dimensions:

Equivalent:

HANDS-MALE: Digit 5 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

DIGIT 5 LENGTH; TOTAL, TIP TO WRIST CREASE

Reference: HANDS - MALE

[T]he distance along the axis of digit 5 from the midpoint of the tip of digit 5 to the wrist crease baseline.

N: 148

X: 16.61 cm; 6.54 in

SD: 0.91 cm; 0.36 in

V%: 5.47

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Digit 5 Length; Total, Tip to Wrist Crease

Not Equivalent:

None

Indeterminable:

None

648

DISTANCE BIPUPILLAIRE [BIPUPILLARY DISTANCE]

Reference: FRANCE '65

Mesurée le sujet regardant à l'horizon.

[Measurement taken with the subject staring at the horizon.]

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilots

N: 220 450 150 X: 6.20 cm; 2.44 in 6.25 cm; 2.46 in 6.22 cm; 2.45 in 5D: 0.34 cm; 0.13 in 0.34 cm; 0.14 in 0.40 cm; 0.16 in 70 cm; 0.16 in 5.49 6.06

Equivalent:

KOFEA: Interpupillary Distance MARTIN: Pupillendistanz TUFTS: Interpupillary Distance USAF '50: Interpupillary Distance

Not Equivalent:

NATO: Interpupillary Distance - [Subject] to look at the point between the

anthropometrist's eyebrows

USN: Interpupillary Distance - [Subject] to look at the point between the an-

thropometrist's eyebrows

Indeterminable:

In the following sources, the subject's gaze is not specified.

ARMY '66: Interpupillary Breadth

NAVY RECRUITS: Interpupillary Breadth

THAI: Interpupillary Distance
USMC: Interpupillary Breadth
VIETNAM: Interpupillary Distance

See Also:

Interocular Diameter

DISTANCE FESSE-GENOU [BUTTOCK-KNEE LENGTH]

Reference: FRANCE '65

Sujet assis à une hauteur convenable pour que la cuisse soit perpendiculaire à la

Distance fesse-genou [Buttock-Knee Length]-FRANCE '65 (Continued)

jambe. Distance entre le point le plus postérieur de la fesse et le point le plus antérieur de la rotule.

[The subject sits in such a position that the thigh is perpendicular to the lower leg. Distance from the back of the buttock to the anterior of the patella.]

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilots

N: 220 450 150 X: 58.91 cm; 23.19 in 59.07 cm; 23.25 in 58.99 cm; 23.22 in 5D: 2.67 cm; 1.05 in 2.62 cm; 1.03 in 2.44 cm; 0.96 in 4.15

Similar Dimensions:

Equivalent:

AAF: Buttock-Knee

ARMY '66: Buttock-Knee Length

ARMY ARMORED: Buttock-Knee Length ARMY AVIATORS: Buttock-Knee Length

ARMY QM: Buttock-Knee

FAA: Buttock-Knee

KOREA: Buttook-Knee Length NATO: Buttock-Knee Length

NAVY RECRUITS: Buttock-Knee Length

THAI: Buttock-Knee Length

TUFTS: Buttock-Knee

USAF '50: Buttock-Knee Length USMC: Buttock-Knee Length

USN: Buttock-Knee

VIETNAM: Buttock-Knee Length

WAC: Buttock-Knee WASP: Buttock-Knee

Not Equivalent:

BULGARIA: Length of the Thigh - from iliospinale to tibisle

INDIA: Thigh [Length] - sits back [against board] as hard as possible

RAF-RCAF: Thigh Length - buttocks hard against the backboard

US ADULTS: Buttock-Knee Length - from the most posterior protrusion of

the sacral area

Indeterminable:

DISTANCE RACINE DU NEZ-FOSSETTE MENTOLINIÈRE [MENTON-NASAL ROOT DISTANCE]

Reference: FRANCE '55

Cette distance est mesurée avec un compas analogue à celui de Demeny, less olives du compas n'exerçant aucune pression importante sur les tissus.

[This distance was measured with calipers (similar to "Demeny's"), the blunt tips of which do not exert pressure upon the skin]

N: 1000

X: 10.91 cm; 4.29 in

SD: 0.63 cm; 0.25 in

V%: 6.2

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not define landmarks.

ARMY '66: Face Length (Menton-Nasal Root Length)

ARMY AVIATORS: Face Length

ARMY QM: Face Length

COMAS: Morphological Facial Height

FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoehe MONACO: Diamètre naso-mentonnier

MONTAGU: Morphological Facial Height
NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

NORWAY: Height of Face

THAI: Face Length

USMC: Face Length (Menton-Nasal Root Length)

VIETNAM: Face Length WAC: Face Length

DORSAL ARCH HEIGHT

Refurence: FOOT

Height from the ground to the dorsal foot surface at the junction of the foot and leg.

White

N: 5575

X: 7.82 cm; 3.08 in

Est SD: [0.50 cm; 0.20 in]

Est V%: [6.39]

Negro

1200

7.48 cm; 2.94 in

[0.48 cm; 0.19 in]

[6.42]

Similar Dimensions:

EAR BREADTH

Reference: HRDLIČKA

The greatest breadth at right angles to the length of the ear flength parallel to the long axis of the eart.

No Data Available

Similar Dimensions:

Equivalent:

KOREA: Ear Breadth

MARTIN: Physiognomische Breite des Ohres MONTAGU: Physiognomic Ear Breadth

MONACO: Oreille: c) Largeur

NATO: Ear Breadth USAF '50: Ear Breadth USN: Ear Breadth

Not Equivalent:

FRANCE '65: Largeur de l'oreille - [from the most posterior point of the curvature to the most anterior point of the tragus]

Indeterminable:

None

See Also:

Morphologische Breite des Ohres

EAR BREADTH

Reference: KOREA

With the fixed arm of the sliding caliper parallel to the long axis of the ear, measure the maximum breadth of the ear.

N: 264

 \overline{X} : 3.01 cm; 1.38 in SD: 0.24 cm; 0.09 in

V%: 6.82

Ear Breadth-KOREA (Continued)

Similar Dimensions:

Equivalent:

HRDLICKA: Ear Breadth

MARTIN: Physiognomische Breite dcs Ohres MONTAGU: Physiognomic Ear Breadth

MONACO: Oreille: c) Largeur

NATO: Ear Breadth USAF '50: Ear Breadth USN: Ear Breadth

Not Equivalent:

FRANCE '65: Largeur de l'oreille - [from the most posterior point of the curvature to the most anterior point of the tragus]

Indeterminable:

None

See Also:

Morphologische Breite des Ohres

EAR BREADTH

Reference: NATO

Subject sits. With fixed arm of the sliding caliper parallel to the long axis of the ear, measure the maximum breadth of the ear.

Turkey	Greece	Italy
N: 915	1084	1358
X: 3.47 cm; 1.37 in	3.40 cm; 1.34 in	3.60 cm; 1.42 in
SD: 0.31 cm; 0.12 in	0.32 cm; 0.13 in	0.32 cm; 0.03 in
V%: 8.90	9.37	9.09

Similar Dimensions:

Equivalent:

HRDLICKA: Ear Breadth

Ear Breadth-NATO (Continued)

KOREA: Ear Breadth

MARTIN: Physiognomische Breite c s Ohres MONTAGU: Physiognomic Ear Breadth

MONACO: Oreille: c) Largeur

USAF '50: Ear Breadth
USN: Ear Breadth

Not Equivalent:

FRANCE '65: Largeur de l'oreille - [from the most posterior point of the curvature to the most anterior point of the tragus]

Indeterminable:

None

See Also:

Morphologische Breite des Ohres

EAR BREADTH

Reference: USAF '50

With the fixed arm of the sliding caliper parallel to the long axis of the ear, measure the maximum breadth of the ear.

N: 4060

X: 3.66 cm; 1.44 in

SD: 0.27 cm; 0.11 in

V%: 7.41

Similar Dimensions:

Equivalent:

HRDLICKA: Ear Breadth KOREA: Ear Breadth

MARTIN: Physiognomische Breitedes Ohres MONTAGU: Physiognomic Ear Breadth

MONACO: Oreille: c) Largeur

NATO: Ear Breadth USN: Ear Breadth

Not Equivalent:

Ear Breadth-USAF '50 (Continued)

FRANCE '65: Largeur de l'oreille - [from the most posterior point of the curvature to the most anterior point of the tragus]

Indeterminable:

None

See Also:

Morphologische Breite des Ohres

EAR BREADTH

Reference: USN

Subject sits. With the fixed arm of the sliding caliper parallel to the long axis of the ear, measure the maximum breadth of the ear.

N: 1549

X: 3.57 cm; 1.41 in

SD: 0.33 cm; 0.13 in

V%: 9.31

Similar Dimensions:

Equivalent:

HRDLICKA: Ear Breadth KOREA: Ear Breadth

MARTIN: Physiognomische Breite des Ohres MONTAGU: Physiognomic Ear Breadth

MONACO: Oreilie: c) Largeur

NATO: Ear Breadth USAF '50: Ear Breadth

Not Equivalent:

FRANCE '65: Largeur de l'oreille - [from the most posterior point of the curvature to the most anterior point of the tragus]

Indeterminable:

Ear Breadi..-USN (Continued)

See Also:

Morphologische Breite des Ohres

EAR LENGTH

Reference: KOREA

Using the cliding caliper, measure the maximum length of the subject's right ear along its long axis.

N: 264

X: 6.46 cm; 2.54 in

SD: 0.39 cm; 0.16 in

V%: 6.15

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'oreille

HRDLICKA: Ear Length (Height) Maximum MARTIN: Physiognomische Laenge des Ohres

MONACO: Oreille: a) Longueur maxima

NATO: Ear Length TUFTS: Ear Length USAF '50: Ear Length USN: Far Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of the ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point located . . . in a depression of the anterior incisura auris from the tip of Darwin's tubercle]

MONACO: Oreille: b) Longueur de l'oreille cartilagineuse - [highest point on the border of the helix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between †highest point . . . of the helix† . . . and †lowest point . . . of the ear lobule when the head is held in the Frankfort Plane

Indeterminable:

Ear Length-KOREA (Continued)

See Also:

Ear Length Above Tragion

EAR LENGTH

Reference: NATO

Subject sits. Using the sliding callper, measure the maximum length of the subject's right ear along its long axis.

Turkey	Greece	Italy
N: 915	1084	1358
X: 6.26 cm; 2.50 in	6.42 cm; 2.53 in	6.49 cm; 2.56 in
SD: 0.39 cm; 0.15 in	0.37 cm; 0.15 in	0.38 cm; 0.15 in
V%: 6.17	5.72	5.81

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'oreille

HRDLICKA: Ear Length (Height) Maximum

KOREA: Ear Length

MARTIN: Physiognomische Laenge des Ohres

MONACO: Oreille: a) Longueur maxima

TUFTS: Ear Length USAF '50: Ear Length USN: Ear Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of the ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point iocated . . . in a depression of the anterior incisura auris from the tip of Darwin's tubercie]

MONACO: Oreille: b) Longueur de l'oreille cartilagineuse - [highest point on the border of the heix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between thighest point ... of the helixt ... and tlowest point ... of the ear lobule when the head is held in the Frankfort Plane

Indeterminable:

Ear Length-NATO (Continued)

None

See Also:

Ear Length Above Tragion

EAR LENGTH

Reference: TUFTS

Maximum distance along axis of ear, wherever found.

No Data Available

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'oreille

HRDLICKA: Ear Length: (Height) Maximum

KOREA: Ear Length

MARTIN: Physiognomische Laenge des Chres

MONACO: Oreille: a) Longueur maxima

NATO: Ear Length USAF '50: Ear Length USN: Ear Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of the

ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point located . . . in a depression of the anterior incisura auris from the tip of Darwin's tubercle]

MONACO: Oreille: b) Longueur de l'oreille cartilagineuse - [highest point on the border of the helix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between thighest point ... of the helixt ... and tlowest point ... of the ear lobule when the head is held in the Frankfort Plane

Indeterminable:

None

See Also:

Ear Length—TUSTS (Continued)

Ear Length Above Tragion

EAR LENGTH

Reference: USAF '50

Using the sliding caliper, measure the maximum length of the subject's right ear along its long axis.

N: 4062

X: 6.27 cm, 2.47 in

SD: 0.41 cm, 0.16 in

V%: 6.53

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'oreille

HRDLICKA: Ear Length (Height) Maximum

KOREA: Ear Length

MARTIN: Physiognomische Laenge des Ohres MONACO: Oreille: a) Longueur maxima

NATO: Ear Length TUFTS: Ear Length USN: Ear Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of the ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point located . . . in a depression of the anterior incisura auris from the tip of Darwin's tubercle]

MONACO: Oreille: b) Longueur de l'oreille cartilagineuse - [highest point on the border of the helix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between †highest point ... of the helixt ... and tlowest point ... of the ear lobule when the head is held in the Frankfort Plane

Indeterminable:

None

See Also:

Ear Length-USAF '50 (Continued)

Ear Length Above Tragion

EAR LENGTH

Reference: USN

Subject sits. Using the sliding caliper, measure the maximum length of the subject's right ear along its long axis.

N: 1549

 \overline{X} : 6.53 cm; 2.57 in SD: 0.40 cm; 0.16 in

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de l'oreille

HRDLICKA: Ear Length (Height) Maximum

KOREA: Ear Length

MARTIN: Physiognomische Laenge des Ohres

MONACO: Oreille: a) Longueur maxima

NATO: Ear Length TUFTS: Ear Length USAF '50: Ear Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of the

ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point located . . . in a depression of the anterior incisura auris from the tip of Darwin's tubercle]

MONACO: Oreille: b) Long teur de l'oreille cartilagineuse - [highest point on the border of the helix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between † highest point . . . of the helixt . . . and tlowest point . . . of the ear lobule when the head is held in the Frankfort Plane

Indeterminable:

None

See Also:

Ear Length-USN (Continued)

Ear Length Above Tragion

EAR LENGTH ABOVE TRAGION

Reference: KOREA

With the bar of the sliding caliper held parallel to the long axis of the right ear, and one caliper arm passing over tragion the point located at the notch just above the tragus of the eart, measure the distance to the top of the ear.

N: 264

X: 3.23 cm; 1.19 in

SD: 0.25 cm; 0.10 in

V%: 8.79

Similar Dimensions:

Equivalent:

NATO: Ear Length Above Tragion USAF '50: Ear Length Above Tragion

Not Equivalent:

None

Indeterminable:

None

See Also:

Ear Length

EAR LENGTH ABOVE TRAGION

Reference: NATO

Subject sits. With the bar of the sliding caliper held parallel to the long axis of the right ear, measure the vertical distance from tragion the point located at the notch just above the tragus of the eart to the top of the ear.

Ear Length Above Tragion-NATO (Continued)

Turkey	Greece	Italy
N: 595	1084	1358
X: 2.85 cm; 1.12 in	2.91 cm; 1.15 in	3.05 cm; 1.20 in
SD: 0.25 cm; 0.10 in	0.23 cm; 0.09 in	0.24 cm; 0.09 in
V%: 8.78	7.90	7.94

Similar Dimensions:

Equivalent:

KOREA: Ear Length Above Tragion USAF '50: Ear Length Above Tragion

Not Equivalent:

None

Indeterminable:

None

See Also:

Ear Length

EAR LENGTH ABOVE TRAGION

Reference: USAF '50

With the bar of the sliding caliper held parallel to the long axis of the right ear, and one caliper arm passing over tragion the point located at the notch just above the tragus of the eart, measure the distance to the top of the ear.

N: 4061

X: 2.97 cm; 1.17 in

SD: 0.28 cm; 0.11 in

V%: 9.36

Similar Dimensions:

Equivalent:

KOREA: Ear Length Above Tragion

Ear Length Above Tragion-USAF '50 (Continued)

NATO: Ear Length Above Tragion

Not Equivalent:

None

Indeterminable:

None

See Also:

Ear Length

EAR LENGTH (HEIGHT) MAXIMUM

Reference: HRDLICKA

The greatest length parallel to the long axis of the ear.

No Data Available

Equivalent:

FRANCE '65: Longueur de l'oreille

KOREA: Ear Length

MARTIN: Physiognomische Laenge des Ohres

MONACO: Oreille: a) Longueur maxima

NATO: Ear Length TUFTS: Ear Length USAF '50: Ear Length USN: Ear Length

Not Equivalent:

MARTIN: Morphologische Breite des Ohres - [superior point of insertion of

the ear pinna . . . to the inferior point of insertion]

MARTIN: Morphologische Laenge des Ohres - [point located . . . in a depression of the anterior inc.sura auris from the tip of Darwin's tubercle]

MONACO: Oreille: h) Longueur de l'oreille cartilagineuse - [highest point on the border of the helix . . . inferior border in the cartilaginous concha]

MONTAGU: Physiognomic Ear Breadth [Length] - between † highest point . . . of the helixt . . . and tlowest point . . . of the ear lobule when the head is held in the Frankfort Plane

Ear Length (Height) Maximum—HRDLICKA (Continued)

Indeterminable:

None

See Also:

Ear Length Above Tragion

EAR-NECK ARC

Reference: FAA

The length of the are from the right to left tragion as measured with the tape passing under the lower jaw and positioned along the juneture of the jaw and the neek.

N: 477

X: 31.76 cm; 12.51 in

SD: 1.28 cm; 0.50 in

V%: 4.03

Similar Dimensions:

Equivalent:

KOREA: Bitragion-Submandibular Arc NATO: Bitragion-Submandibular Arc USAF '50: Bitragion-Submandibular Arc USN: Bitragion-Submandibular Arc

Not Equivalent:

None

Indeterminable:

None

EAR PROTRUSION

Reference: KOREA

With the fixed point of the sliding caliper resting on the right mastoid process (the bony eminence directly behind the ear), measure the distance to the most

Ear Protrusion-KOREA (Continued)

lateral protusion of the ear.

N: 264

X: 2.41 cm; 0.95 in

SD: 0.29 cm; 0.12 in

V%: 12.27

Similar Dimensions:

Equivalent:

NATO: Ear Protrusion USAF '50: Ear Protrusion USN: Ear Protrusion

Not Equivalent:

None

Indeterminable:

None

EAR PROTRUSION

Reference: NATO

Subject sits. With the fixed point of the sliding caliper resting on the right mastoid process (the bony eminence directly behind the ear), measure the horizontal distance to the most lateral protrusion of the ear.

Turkey	Greece	Italy
N: 595	1084	1358
X: 2.50 cm; 0.98 in	2.44 cm; 0.96 in	2.30 cm; 0.91 in
SD: 0.38 cm; 0.15 in	0.37 cm; 0.15 in	0.36 cm; 0.14 in
V%: 15.26	15.23	15.64

Similar Dimensions:

Equivalent:

KOREA: Ear Protrusion USAF '50: Ear Protrusion

Ear Protrusion—NATO (Continued)

USN: Ear Protrusion

Not Equivalent:

None

Indeterminable:

None

EAR PROTRUSION

Reference: USAF '50

With the fixed point of the sliding caliper resting on the right mastoid process (the bony eminence directly behind the ear), measure the distance to the most lateral protrusion of the ear.

N: 4063

X: 2.15 cm; 0.24 in

SD: 0.37 cm; 0.14 in

V%: 17.06

Similar Dimensions:

Equivalent:

KOREA: Ear Protrusion NATO: Ear Protrusion USN: Ear Protrusion

Not Equivalent:

None

Indeterminable:

None

EAR PROTRUSION

Reference: USN

Subject sits. With the fixed point of the sliding caliper resting on the right mastoid

Ear Protrusion-USN (Continued)

process (the bony eminence directly behind the ear), measure the horizontal distance to the most lateral protrusion of the ear.

N: 1549

X: 2.19 cm; 0.86 in SD: 0.35 cm; 0.14 in

V%: 15.81

Similar Dimensions:

Equivalent:

KOREA: Ear Protrusion NATO: Ear Protrusion USAF '50: Ear Protrusion

Not Equivalent:

None

Indeterminable:

None

EAR TO EAR BREADTH

Reference: NATO

Subject sits. Holding the spreading caliper near the tips, measure the maximum horizontal distance between the most lateral extensions of the right and left ears.

Turkey	Greece	Italy
N: 595	1084	1358
X: 18.71 cm; 7.37 in		18.76 cm; 7.39 in
SD: 0.78 cm; 0.31 in	0.78 cm; 0.31 in	0.76 cm; 0.30 in
V%: 4.14	4.17	4.05

Similar Dimensions:

ELBOW [HEIGHT]

Reference: GENEVA

†Subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal† [A]natomical landmark: the radio-humeral articulation. † the height of the anatomical landmark above the ground is to be determined†.

No Data Avallable

Similar Dimensions:

Equivalent:

FAA: Elbow Height JAPAN: Elbow Height KOREA: Elbow Height

MARTIN: Hoehe der rechten Ellenbogengelenkfuge ueber dem Boden

MONTAGU: Right Radiale Height NATO: Radiale Height (Elbow Height) USAF '50: Elbow Height (Radiale Height)

Not Equivalent:

HOOTON: Elbow Height - [height . . . above the seat]

Indeterminable:

None

ELBOW BREADTH

Reference: ARMY QM

tSubject sits on a table with adjustable foot rest. Subject sits ereck with thighs just touching the table and knees at right angles. The foot rest is adjusted so that his feet just rest upon it with upper arms at the side and forearms at right angles to them. With anthropometer horizontal in rear of subject, measure the diameter across the most lateral points on the lateral epicondyles of the humeri. Medial condyles are in contact with trunk. Contact.

N: 24590

X: 44.54 cm; 17.54 in SD; 3.90 cm; 1.54 in

V%: [8.76]

Elbow Breadth-ARMY QM (Continued)

Similar Dimensions:

Equivalent:

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth
NATO: Elbow-to-Elbow Breadth
USAF '50: Elbow-to-Elbow Breadth
US ADULTS: Elbow-to-Elbow Breadth

WASP: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ELBOW BREADTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon, with both upper arms parallel to the body and both forearms extending forward at right angles to the upper arms† †Anthropometer held parallel to the floor to the rear of the subject. The needles point downward at a 45-degree angle† Measurement taken as the maximum breadth between the most lateral points on the lateral epicondyles of the humeri.

No Data Available

Similar Dimensions:

Equivalent:

Elbow Breadth-WAC (Continued)

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify position of elbows relative to the trunk.

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth
FAA: Elbow-Elbow Breadth
INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth US ADULTS: Elbow-to-Elbow Breadth

WASP: Bi-epicondylar, Elbows

See Also:

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ELBOW BREADTH, BONE

Reference: NATO

Subject stands, with his upper arm hanging at his side and his elbow bent. Using the sliding caliper, with maximum pressure to compress the flesh, measure the distance between the medial and lateral epicondyles of the right humerus.

Turkey	Greece	Italy
N: 915	1084	1358
X: 6.96 cm; 2.74 in	6.93 cm; 2.73 in	6.99 cm; 2.75 in
SD: 0.33 cm; 0.13 in	0.33 cm; 0.13 in	0.35 cm; 0.14 in
V%: 4.77	4.78	5.01

Similar Dimensions:

ELBOW CIRCUMFERENCE, EXTENDED

Reference: NATO

Subject stands, his right arm extended with the hand about a foot from the tody. Holding the tape perpendicular to the long axis of the arm with the tape passing over the tip of the elbow, measure the circumference of the elbow.

Turkey	Greece	Italy
N: 915	1084	1358
X: 25.32 cm; 9.97 in	25.86 cm; 10.18 in	26.49 cm; 10.43 in
SD: 1.43 cm; 0.56 in	1.31 cm; 0.52 in	1.44 cm; 0.57 in
V%: 5.63	5.05	5.42

Similar Dimensions:

None

See Also:

Elbow Circumference, Flexed Upper Forearm Circumference

ELBOW CIRCUMFERENCE (FLEXED)

Reference: JAPAN

Subject bends his right arm at about a right angle and makes a fist. With the tape passing over the tip and through the crotch of the elbow, measure the circumference of the elbow.

N: 208 X: 28.43 cm; 11.93 in SD: 1.55 cm; 0.61 in V%: 5.50

Similar Dimensions:

Equivalent:

KOREA: Elbow Circumference (Flexed)
NATO: Elbow Circumference, Flexed
USAF '50: Elbow Circumference (Flexed)
WAF RECRUITS: Elbow Circumference (Flexed)

Elbow Circumference (Flexed)—JAPAN (Continued)

WOMEN: Elbow Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Circumference, Extended

ELBOW CIRCUMFERENCE (FLEXED)

Reference: KOREA

Subject bends his right arm at about a right angle and makes a fist. With the tape passing over the tip and through the cretch of the elbow, measure the circumference of the elbow.

N: 264

X: 33.33 cm; 13.12 in

SD: 2.59 cm; 1.02 in

V%: 7.77

Similar Dimensions:

Equivalent:

JAPAN: Elbow Circumference (Flexed)
NATO: Elbow Circumference, Flexed
USAF '50: Elbow Circumference (Flexed)

WAF RECRUITS: Elbow Circumference (Flexed)

WOMEN: Elbow Girth

Not Equivalent:

None

Indeterminable:

Elbow Circumference (Flexed)—KOREA (Continued)

See Also:

Elbow Circumference, Extended

ELBOW CIRCUMFERENCE, FLEXED

Reference: NATO

Subject bends his right arm at about a right angle and makes a fist. With the tape passing over the tip and through the crotch of the elbow, measure the circumference of the elbow.

Turkey	Greece	Italy
N: 915	1084	1358
X: 29.99 cm; 11.81 in	30.19 cm; 11.89 in	31.41 cm; 12.37 in
SD: 1.96 cm; 0.77 in	1.91 cm; 0.75 in	1.82 cm; 0.72 in
V%: 6.54	6.31	5.80

Similar Dimensions:

Equivalent:

JAPAN: Elbow Circumference (Flexed)
KOREA: Elbow Circumference (Flexed)
USAF '50: Elbow Circumference (Flexed)

WAF RECRUITS: Elbow Circumference (Flexed)

WOMEN: Elbow Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Circumference, Extended

ELBOW CIRCUMFERENCE (FLEXED)

Reference: USAF '50

Elbow Circumference (Flexed)—USAF '50 (Continued)

Subject bends his right arm at about a right angle and makes a fist. With the tape passing over the tip and through the crotch of the elbow, measure the circumference of the elbow.

N - 4062

X: 31.13 cm; 12.26 in

SD: 2.03 cm; 0.80 in

V%: 6.52

Similar Dimensions:

Equivalent:

JAPAN: Elbow Circumference (Flexed)
KOREA: Elbow Circumference (Flexed)
NATO: Elbow Circumference, Flexed

WAF RECRUITS: Elbow Circumference (Flexed)

WOMEN: Elbow Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Circumference, Extended

ELBOW CIRCUMFERENCE (FLEXED)

Reference: WAF RECRUITS

Ask the subject to flex her right arm so that her elbow is bent at a right angle. Then measure the circumference with a tape, passing over the tip and through the crotch of the elbow.

N: 349

X: 28.49 cm; 11.22 in

SD: 2.73 cm; 1.07 in

V%: 9.57

Similar Dimensions:

Elbow Circumference (Flexed)—WAF RECRUITS (Continued)

Equivalent:

JAPAN: Elbow Circumference (Flexed)
KOREA: Elbow Circumference (Flexed)
NATO: Elbow Circumference, Flexed
USAF '50: Elbow Circumference (Flexed)

WOMEN: Elbow Girth

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Circumference, Extended

ELBOW CLEARANCE BACK (HORIZ.)

Reference: FAA

The subject sits erect with the right elbow flexed at 90°. The upper arm is then circumducted posteriorly as far as possible and the horizontal distance between the tip of the elbow and the plane of the back is recorded.

N: 679

X: 14.95 cm; 5.89 in SD: 3.87 cm; 1.52 in

V%: 25.88

Similar Dimensions:

None

ELBOW CLEARANCE BACK (VERTICAL)

Reference: FAA

†The subject sits erect with the right elbow fiexed at 90°. The upper arm is then

Elbow Clearance Back (Vertical)-FAA (Continued)

circumducted posteriorly as far as possible† The vertical distance from the tip of the elbow to the seat level is recorded.

N: 681

X: 61.14 cm; 24.07 in

SD: 21.89 cm; 8.62 in

V%: 35.81

Similar Dimensions:

None

ELBOW CLEARANCE OUT (HORIZ.)

Reference: FAA

†The subject sits erect and extends the right upper arm laterally† The horizontal distance between the tip of the elbow to the mid-line of the back is recorded. [Elbow flexed]

N: 681

X: 49.55 cm; 19.51 in

SD: 3.27 cm; 1.29 in

V%: 6.60

Stadar Dimensions:

None

See Also:

Span Akimbo

ELBOW CLEARANCE OUT (VERT.)

Reference: FAA

The subject sits erect and extends the right upper arm laterally. The vertical distance from the tip of the elbow to the seat level is recorded.

N: 631

X: 66.56 cm; 26.21 in

SD: 12.28 cm; 4.83 in

V%: 18.44

Elbow Clearance Out (Vert.)-FAA (Continued)

Similar Dimensions:

None

ELBOW-ELBOW BREADTH

Reference: FAA

The maximum horizontal distance between the lateral surface of the elbows.

N: 681

X: 44.72 cm; 17.60 in SD: 3.90 cm; 1.54 in

V%: 8.73

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not specify position of elbows relative to trunk.

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth
NATO: Elbow-to-Elbow Breadth
USAF '50: Elbow-to-Elbow Breadth
US ADULTS: Elbow-to-Elbow Breadth

WAC: Elbow Breadth

WASP: Bi-epicondylar, Elbows

See Also:

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ELBOW-FINGERTIP LENGTH (FOREARM-HAND LENGTH)

Reference: ARMY '66

Subject sits erect, with his arms bent to form right angles at the elbows and with his hands extended. Elbow-fingertip length is measured as the horizontal distance from the back of the right elbow to the tip of the middle finger of the extended right hand. An anthropometer is used.

N: 6682

X: 47.95 cm; 18.88 in

SD: 2.31 cm; 0.91 in

V%: 4.81

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrâne dactylion

JAPAN: Forearm-Hand Length KORE/: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Foreorm-Hand Length

USMC: El'ow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

ELBOW-FINGERTIP LENGTH (FOREARM-HAND LENGTH)

Reference: NAVY RECRUITS

Subject sits erect, with his arms bent to form right angles at the elbows and with his hands extended. Elbow-fingertip length is measured as the horizontal distance from the back of the right elbow to the tip of the middle finger of the extended right hand. An anthropometer is used.

N: 4095

X: 47.65 cm; 18.76 in

SD: 2.13 cm; 0.84 in

V%: 4.48

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrâne dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

ELBOW-FINGERTIP LENGTH (FOREARM-HAND LENGTH)

Reference: USMC

Subject sits erect, with his arms bent to form right angles at the elbows and with his hands extended. Elbow-fingertip length is measured as the horizontal distance from the back of the right elbow to the tip of the middle finger of the extended right hand. An authropometer is used.

N: 2008

X: 47.82 cm; 18.83 in

SD: 2.20 cm; 0.87 in

V%: 4.64

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrâne dactylion.

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length
USAF '50: Forearm-Hand Length
USN: Forearm-Hand Length
VIETNAM: Forearm-Hand Length

WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

ELBOW GIRTH

Reference: WOMEN

Tape. . . . The subject stood in a normal, erect position, her right arm flexed approximately 60 degrees at the cloow and the hand and fingers extended anteriorly. The upper arm was directed downward perpendicularly to the floor. . . . The tape, with zero point in front of measurer, was placed around the elbow so that it passed without constriction over the landmark on the olecranon the most lateral point of the olecranon and bisected the angle of the bent elbow.

N: 10042

X: 26.29 cm; 10.35 in

SD: 2.24 cm; 0.88 in

V%: 8.5

Similar Dimensions:

Equivalent:

JAPAN: Elbow Circumference (Flexed)
KOREA: Elbow Circumference (Flexed)
NATO: Elbow Circumference, Flexed
USAF '50: Elbow Circumference (Flexed)

WAF RECRUITS: Elbow Circumference (Flexed)

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Circumference, Extended

ELBOW HEIGHT

Reference: FAA

The vertical distance from radiale to the floor.

Elbow Height-FAA (Continued)

N: 678

X: 111.68 cm; 43.97 in SD: 5.16 cm; 2.03 in

V%: 4.16

Similar Dimensions:

Equivalent:

GENEVA: Elbow [Height] JAPAN: Elbow Height KOREA: Elbow Height

MARTIN: Hoche der rechten Ellenbogengelenkfuge ueber dem Boden

MONTAGU: Right Radiale Height NATO: Radiale Height (Elbow Height) USAF '50: Elbow Height (Radiale Height)

Not Equivalent:

HOOTON: Elbow Height - [height . . . above the seat]

Indeterminable:

None

ELBOW HEIGHT

Reference: HOOTON

[In special chair]. The individual was asked to place his forearm on (and parallel with) the arm-rest, which was raised or lowered until the individual's shoulders were level and the angle between his upper arm and forearm was approximately 90 degrees. [Mcasurcd as height of arm rest above the seat].

Males	Females	Total Series
N: 1959	1908	3867
Median: 24.4 cm; 9.6 in	24.6 cm; 9.7 in	24.4 cm; 9.6 in
SD: NDA	NDA	NDA
V%: NDA	NDA	NDA

Elbow Height-HOOTON (Continued)

Similar Dimensions:

Equivalent:

TUFTS: Elbow-Seat

Not Equivalent:

FAA: Elbow Height-to the floor

GENEVA: Elbow [Height]—height . . . above the ground

INDIA: Elbow to Seat-[The posture of the subject's shoulders are not manip-

JAPAN: Elbow Height-from the floor KOREA: Elbow Height-from the floor

KOREA: Elbow Rest Height (Sitting) - [The posture of the subject's shoulders

are not manipulated.]

NATO: Elbow Rest Height, Sitting-[The posture of the subject's shoulders are

not manipulated.]

NATO: Radiale Height (Elbow Height)—from the standing surface

US ADULTS: Elbow Rest Height—to the lowest bony portion of the elbow

USAF '50: Elbow Height (Radiale Height)-from the floor

USAF '50: Elbow Rest Height (Sitting) - [The posture of the subject's shoulders

are not manipulated.]

USN: Elbow Rest Height, Sitting-[The posture of the subject's shoulders are not manipulated.]

Indeterminable:

None

See Also:

Radiale Height

ELBOW HEIGHT

Reference: JAPAN

Subject stands erect, his arms hanging naturally at his sides. Using the authropometer, measure the vertical distance from the floor to the depression between the humerus and radius of the right arm. This depression can be seen in the lateral side of the elbow.

N: 235

X: 104.50 cm; 41.14 in SD: 3.76 cm; 1.48 in

V%: 3.60

Elbow Height-JAPAN (Continued)

Similar Dimensions:

Equivalent:

FAA: Elbow Height

GENEVA: Elbow [Height] KOREA: Elbow Height

MARTIN: Hoehe der rechten Ellenbogengelenkfuge ueber dem Boden

MONTAGU: Right Radiale Height
NATO: Radiale Height (Elbow Height)
USAF '50: Elbow Height (Radiale Height)

Not Equivalent:

HOOTON: Elbow Height - [height . . . above the seat]

Indeterminable:

None

ELBOW HEIGHT

Reference: KOREA

Subject stands erect, his arms hanging naturally at his sides. Using the anthropometer, measure the vertical distance from the floor to the depression between the humerus and radius of the right arm. This depression can be seen in the lateral side of the elbow.

N: 264

X: 107.35 cm; 42.26 in

SD: 3.98 cm; 1.57 in

V%: 3.71

Similar Dimensions:

Equivalent:

FAA: Elbow Height

GENEVA: Elbow [Height]
JAPAN: Elbow Height

MARTIN: Hoehe der rechten Ellenbogengelenkfuge ueber dem Boden

MONTAGU: Right Radiale Height NATO: Radiale Height (Elbow Height)

Elbow Height-KOREA (Continued)

USAF '50: Elbow Height (Radiale Height)

Not Equivalent:

HOOTON: Elbow Height - [height . . . above the seat]

Indeterminable:

None

ELBOW HEIGHT (RADIALE HEIGHT)

Reference: USAF '50

Subject stands erect, his arms hanging naturally at his sides. Using the anthropometer, measure the vertical distance from the floor to the depression between the humerus and the radius of the right arm. This depression can be seen in the lateral side of the elbow.

N: 4063

X: 110.48 cm; 43.50 in SD: 4.50 cm; 1.77 in

V%: 4.06

Similar Dimensions:

Equivalent:

FAA: Elbow Height

GENEVA: Elbow [Height] JAPAN: Elbow Height KOREA: Elbow Height

MARTIN: Hoehe der rechten Ellenbogengelenkjuge ueber dem Boden

MONYAGU: Right Radiale Height NATO: Radiale Height (Elbow Height)

Not Equivalent:

HOOTON: Elbow Height - [height . . . above the seat]

Indeterminable:

None

ELBOW REST HEIGHT

Reference: US ADULTS

†Examinee seated on a flat, horizontal board, with the knees at right angles, thighs horizontal, and popliteal areas lightly touching the seat surface† The examinee sat erect, shoulders relaxed, both elbows at right angles, fingers straight. The measurement was made with an anthropometer held vertically from the sitting surface to the lowest bony portion of the elbow, using light contact only.

Men

Women

N: 3091

3581

X: 24.1 cm; 9.5 ln

23.1 cm; 9.1 in [3.05 cm; 1.20 in]

Est SD: [3.23 cm; 1.27 in]

[0,03

Est V%: [7.5]

[8.0]

Similar Dimensions:

Equivalent:

KOREA: Elbow Rest Height (Sitting)
NATO: Elbow Rest Height, Sitting
USAF '50: Elbow Rest Height (Sitting)
USN: Elbow Rest Height, Sitting

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Seat-chair-arm . . . adjusted until his shoulders were level

Indeterminable:

INDIA: Elbow to Seat-[Meaning of "fore-hand" is not clear.]

See Also:

Radiale Height

ELBOW REST HEIGHT (SITTING)

Reference: KOREA

Subject sits erect, his feet resting on a surface so that his knees are bent at about right angles, his right upper arm hanging at his side and his forearm extended hor-

Elbow Rest Height (Sitting)-KOREA (Continued)

izontally. Using the anthropometer, measure the vertical distance from the sitting surface to the bottom of the right elbow.

N: 264

X: 24.66 cm; 9.71 in SD: 2.45 cm; 0.97 in

V%: 10.00

Similar Dimensions:

Equivalent:

NATO: Elbow Rest Height, Sitting US ADULTS: Elbow Rest Height USAF '50: Elbow Rest Height (Sitting)

USN: Elbow Rest Height, Sitting

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Scat-chair-arm . . . adjusted until his shoulders were level

Indeterminable:

INDIA · Elbow to Seat-[Meaning of "fore-hand" is not clear.]

See Also:

Radiale Height

ELBOW REST HEIGHT, SITTING

Reference: NATO

Subject sits erect, his feet resting on a surface adjusted so that his knees are bent at about right angles, his right upper arm hanging at his side and his lower arm extended forward horizontally. Using the anthropometer, measure the vertical distance from the sitting surface to the bottom of the tip of the right elbow.

	Turkey	Greece	Italy
N:	915	1034	1358
$\overline{\mathbf{X}}$:	22.37 cm; 8.81 in	23.07 cm; 9.08 in	22.45 cm; 88.4 in
SD:	2.47 cm; 0.97 in	2.35 cm; 0.93 in	2.26 cm; 0.89 in
V%:	11.02	10.17	10.07

Elbow Rest Height, Sitting-NATO (Continued)

Similar Dimensions:

Equivalent:

KOREA: Elbow Rest Height (Sitting)
US ADULTS: Elbow Rest Height
USAF '50: Elbow Rest Height (Sitting)
USN: Elbow Rest Height, Sitting

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Seat-chair-arm . . . adjusted until his shoulders were level

Indeterminable:

INDIA: Elbow to Seat-[Meaning of "fore-hand" is not clear.]

See Also:

Radiale Height

ELBOW REST HEIGHT (SITTING)

Reference: USAF '50

Subject sits erect, his feet resting on a surface so that his knees are bent at about right angles, his right upper arm hanging at his side and his forearm extended horizontally. Using the anthropometer, measure the vertical distance from the sitting surface to the bottom of the right elbow.

N: 4063

X: 23.16 cm; 9.12 in SD: 2.63 cm; 1.04 in

V%: 11.36

Similar Dimensions:

Equivalent:

KOREA: Elbow Rest Height (Sitting) NATO: Elbow Rest Height, Sitting US ADULTS: Elbow Rest Height

Elbow Rest Height (Sitting)-USAF'50 (Continued)

USN: Elbow Rest Height, Sitting

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Scat-chair-arm . . . adjusted until his shoulders were level

Indeterminable:

INDIA: Elbow to Seat-[Meaning of "fore-hand" is not clear.]

See Also:

Radiale Height

ELBOW REST HEIGHT, SITTING

Reference: USN

Subject sits erect, his feet resting on a surface adjusted so that his winees are bent at about right angles, his right upper arm hanging at his side and his lower arm extended forward horizontally. Using the anthropometer, measure the vertical distance from the sitting surface to the bottom of the tip of the right elbow.

N: 1549

X: 23.50 cm; 9.25 in SD: 2.52 cm; 0.99 in

V%: 10.71

Similar Dimensions:

Equivalent:

KOREA: Elbow Rest Height (Sitting) NATO: Elbow Rest Height, Sitting US ADULTS: Elbow Rest Height

USAF '50: Elbow Rest Height (Sitting)

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Seat-chair-arm . . . adjusted until his shoulders were level

Elbow Rest Height, Sitting-USN (Continued)

Indeterminable:

INDIA: Elbow to Scat-[Meaning of "fore-hand" is not clear.]

See Also:

Radiale Height

ELBOW-SEAT

Reference: TUFTS

Subject sitting in the special chair, placed his forearm on the chair-arm which was adjusted until his shoulders were level and the angle between the upper arm and forearm 90 degrees. The distance from the seat of the chair to the surface of the arm-rest was measured.

No Data Available

Similar Dimensions:

Equivalent:

HOOTON: Elbow Height

Not Equivalent:

INDIA: Elbow to Seat—[The posture of the subject's shoulders are not manipulated.]

KOREA: Elbow Rest Height (Sitting)—[The posture of the subject's shoulders are not manipulated.]

NATO: Elbow Rest Height, Sitting—[The posture of the subject's shoulders are not manipulated.]

US ADULTS: Elbow Rest Height—[The posture of the subject's shoulders are not manipulated.]

USAF '50: Elbow Rest Height (Sitting)—[The posture of the subject's shoulders are not manipulated.]

USN: Elbow Rest Height, Sitting—[The posture of the subject's shoulders are not manipulated.]

Indeterminable:

None

Elbow-Seat-TUFTS (Continued)

See Also:

Radiale Height

ELBOW TO CENTER OF GRIP

Reference: ARMY ARMORED

†Back against wall. Elbow against wall and parallel to floor† holding pencil in center of grip perpendicular to line of forearm, distance from wall to pencil point.

N: 101

X: 36.7 cm; 14.2 in

SD: NDA V%: NDA

Similar Dimensions:

None

See Also:

Forearm-Hand Length

ELBOW-TO-ELBOW BREADTH

Reference: KOREA

Subject sits erect, his upper arms hanging at his side, his forearms extended horizontally, and his elbows resting lightly against his body. Using the anthropometer, measure the maximum horizontal distance across the lateral surfaces of the elbows.

N: 264

X: 41.52 cm; 16.34 in

SD: 2.80 cm; 1.10 in

V%: 6.74

Similar Dimensions:

Equivalent:

Elbow-To-Elbow Breadth-KOREA (Continued)

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth US ADULTS: Elbow-to-Elbow Breadth WASP: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ELBOW-TO-ELBOW BREADTH

Reference: NATO

Subject sits erect, his upper arms hanging at his side, his lower arms extended forward horizontally, and his elbows resting lightly against his body. Using the anthropometer, measure the maximum horizontal distance across the lateral surfaces of the elbows.

Turkey	Greece	Italy
N: 915	1084	1358
X: 44.83 cm; 17.65 in	44.84 cm; 17.65 in	46.59 cm; 18.34 in
SD: 3.09 cm; 1.22 in	2.72 cm; 1.07 in	2.96 cm; 1.17 in
V%: 6.89	6.05	6.34

Similar Dimensions:

Equivalent:

Elbow-To-Elbow Breadth-NATO (Continued)

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbow

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth
USAF '50: Elbow-to-Elbow Breadth
US ADULTS: Elbow-to-Elbow Breadth

WASP: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth Maximum Forearm-Forearm Breadth

ELBOW-TO-ELBOW BREADTH

Reference: US ADULTS

†Examinee seated on a flat, horizontal board, with the knees at right angles, thighs horizontal, and popliteal areas lightly touching the seat surface† The examinee sat erect, knees together, forearms at right angles, hands open, palms facing each other, and elbows held as tightly as possible to the sides. The measurement was made with an anthropometer, across the humeral epicondyles (lateral projections of the elbows) with firm pressure.

-	#	٠.	
N	ш	1	Ľ

Women

	N:	3091
	X:	42.2 cm; 16.6 in
Est	SD:	[4.70 cm; 1.85 in]
Est	V%:	[9.0]

3581 38.9 cm; 15.3 in [5.36 cm; 2.11 in] [7.3]

Similar Dimensions:

Elbow-To-Elbow Breadth-US ADULTS (Continued)

Equivalent:

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth WASP: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth WAC: Elbow Breadth

See Also:

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ELBOW-TO-ELBOW BREADTH

Reference: USAF '50

Subject sits erect, his upper arms hanging at his side, his forearms extended horizontally, and his elbows resting lightly against his body. Using the anthropometer, measure the maximum horizontal distance across the lateral surfaces of the elbows.

N: 4060

X: 43.89 cm; 17.28 in SD: 3.61 cm; 1.42 in

V%: 8.23

Similar Dimensions:

Equivalent:

Elbow-To-Elbow Breudth-USAF '50 (Continued)

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth INDIA: Elbows [Width]

KOREA: Elbow-to-Elbow Breadth
NATO: Elbow-to-Elbow Breadth
US ADULTS: Elbow-to-Elbow Breadth

WAS: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth

WAC: Elbow Breadth

See Also:

Maximum Body Breadth

Maximum Forearm-Forearm Breadth

ELBOW TO FINGER TIP

Reference: ARMY ARMORED

Back against wall. Elbow against wall and parallel [sic] to floor. Distance from wall to end of longest finger.

N: 101

X: 48.0 cm; 18.9 in

SD: NDA V%: NDA

Símilar Dimensions:

Equivalent:

INDIA: Fore-Arm [Length]

Not Equivalent:

Elbow To Finger Tip-ARMY ARMORED (Continued)

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length) - [arm unsupported]

ARMY AVIATORS: Forearm-Hand Length - [arm unsupported]

ARMY QM: Forearm-Hand Length - [arm unsupported]

FAA: Forearm-Hand Length - [arm unsupported]

FRANCE '55: Coudée - [forearm . . . placed on the table] FRANCE '65: Longueur olécrâne dactylion - [arm unsupported]

JAPAN: Forearm-Hand Length - [arm unsupported]
KOREA: Forearm-Hand Length - [arm unsupported]

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length) - [arm. unsupported]

THAI: Forearm-Hand Length - [arm unsupported]

USAF '50: Forearm-Hand Length - [arm unsupported]

USMC: Elbow-Fingertip Length (Forearm-Hand Length) - [arm ursupported]

USN: Forearm-Hand Length - [arm unsupported]
VIETNAM: Forearm-Hand Length - [arm unsupported]

WAC: Forearm-Hand Length - [arm unsupported]

Indeterminable:

None

See Also:

Elbow to Center of Grip

ELBOW TO SEAT

Reference: INDIA

†The height of the seat [13½ in - 34.3 cm] is first adjusted by adding to or reducing the number of pieces of wooden blocks [½ in - 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing.† † arm touching against the side of the body and the fore-arm at right angle and arm with palm stretched facing inwards.† Height from floor when the block is placed at the lower edge of fore-hand is noted and subtracted from seat height.

N: 691

 \overline{X} : 23.25 cm; 9.15 in SD: 2.32 cm; 0.91 in

V%: [9.98]

Elbow to Seat-INDIA (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

HOOTON: Elbow Height-arm-rest . . . raised or lowered until . . . shoulders were

level

TUFTS: Elbow-Seat-chair-arm . . . adjusted until his shoulders were level

Indeterminable:

In the reference dimension description, the meaning of the term "fore-hand" is unclear, insofar as understanding the nature of this dimension.

KOREA: Elbow Rest Height (Sitting) NATO: Elbow Rest Height, Sitting US ADULTS: Elbow Rest Height

USAF '50: Elbow Rest Height (Sitting)

USN: Elbow Rest Height, Sitting

See Also:

Radiale Height

ELBOW WRIST LENGTH

Reference: BULGARIA

[Rectilinear distance from radiale to stylion. Measured with pelvimeter, with arm hanging relaxed.]

Men Women

N: 1663 1578

X: [26.23 cm; 10.33 in] [23.98 cm; 9.44 in]

Est SD: [1.85 cm; 0.73 in] [1.79 cm; 0.70 in]

Est V%: [7.04]

Elbow Wrist Length-BULGARIA (Continued)

Similar Dimensions:

Equivalent:

COMAS: Forearm Length

MARTIN: Lacnge des rechten Unterarmes

MONTAGU: Lower Arm Length

Not Equivalent:

NATO: Elbow-Wrist Length - tip of right elbow to stylion

Indeterminable:

None

ELBOW-WRIST LENGTH

Reference: NATO

Subject sits erect, his right upper arm hanging at his side, his lower arm and hand extended forward horizontally. Using the anthropometer, measure the distance from the tip of the right elbow to the stylion landmark †the most distal point of the radius†.

	Turkey	Greece	Italy
$\overline{\mathbf{X}}$:	915	1084	1358
	27.51 cm; 10.83 in	27.75 cm; 10.93 in	27.82 cm; 10.95 in
	1.23 cm; 0.48 in	1.21 cm; 0.48 in	1.33 cm; 0.52 in
	4.47	4.34	4.76

Similar Dimensions:

Equivalent:

None

Not Equivalent:

BULGARIA: Elbow Wrist Length - radiale to stylion COMAS: Forearm Length - radiale . . . to stylion

MARTIN: Laenge des rechten Unterarmes - [radiale . . . from right stylion]

MONTAGU: Lower Arm Length - from radiale to stylion

Elbow-Wrist Length-NATO (Continued)

Indeterminable:

None

FLBOWS [WIDTH]

Reference: INDIA

tThe height of the seat [13½ in - 34.3 cm] is first adjusted by adding to or reducing the number of pieces of wooden blocks [½ in - 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing.† † arm touching against the side of the body and the forearm at right angle and arm with palm stretched facing inwards.† . . . the block is brought into contact with the most advanced point at the left elbow.

N: 691

X: 42.52 cm; 16.74 in

SD: 2.35 cm; 0.93 in

V%: [5.28]

Equivalent:

AAF: Bi-epicondylar, Elbows

ARMY ARMORED: Bi-epicondylar, Elbows

ARMY QM: Elbow Breadth

KOREA: Elbow-to-Elbow Breadth NATO: Elbow-to-Elbow Breadth USAF '50: Elbow-to-Elbow Breadth US ADULTS: Elbow-to-Elbow Breadth

WASP: Bi-epicondylar, Elbows

Not Equivalent:

None

Indeterminable:

Position of elbows relative to trunk not specified in following dimensions.

FAA: Elbow-Elbow Breadth

WAC: Elbow Breadth

See Also:

Elbows [Width]-INDIA (Continued)

Maximum Body Breadth
Maximum Forearm-Forearm Breadth

ENVERGURE DES COUDES [SPAN AKIMBO]

Reference: FRANCE '65

Sujet debout, au garde à vous, les mains au contact de thorax à hauteur des mamelons. Distance entre les extrêmités des olécrânes.

[The subject stands at attention, his elbows extending perpendicular to the body with the hands touching the thorax at the level of the nipples. Distance between the extremities of the elbows.]

Military Fighter Pilots	Military Transport Pilots	Civilian Transport Pilots
N: 220 X: 95.22 cm; 37.48 in	450 95.24 cm, 37.49 in	150 95.79 cm; 37.71 in
SD: 4.09 cm; 1.61 in	4.19 cm; 1.64 in	3.75 cm; 1.47 in
V%: 4.29	4.40	3.92

Similar Dimensions:

Equivalent:

AAF: Span Akimbo

ARMY ARMORED: Span Akimbo

INDIA: Span Akimbo TUFTS: Span Akimbo WASP: Span Akimbo

Not Equivalent:

None

Indeterminable:

None

See Also:

Elbow Clearance Out (Horiz.)

Span

EXTERNAL CANTHUS-TO-VERTEX HEIGHT

Reference: NATO

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the mid-sagittal plane when the head is held in the Frankfort plane of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the vertical distance from the right external canthus to vertex.

Turkey	Greece	Italy
N: 915	1084	1358
X: 11.19 cm; 4.41 in	11.71 cm; 4.61 la	11.25 cm; 4.43 in
SD: 0.74 cm; 0.29 in	0.70 cm; 0.28 in	0.71 cm; 0.28 in
7%: 6.58	5.95	5.35

Similar Dimensions:

Equivalent:

INDIA: Eye to the Top of the Head

Not Equivalent:

ARMY ARMORED: Eye Height - pupil to the top of the head

Indeterminable:

None

See Also:

External Canthus-to-Wall

EXTERNAL CANTHUS TO WALL

Reference: KOREA

Subject stands erect, looking directly forward (head oriented in the Frankfort piane), both shoulders and the back of his head touching a waii. Using the anthropometer, measure the horizontal distance from the wall to the outer corner (external canthus) of the right eye.

External Canthus To Wall-KOREA (Continued)

N: 264

X: 17.29 cm; 6.81 in SD: 0.96 cm; 0.33 in

V%: 5.54

Similar Dimensions:

Equivalent:

ARMY '66: Occiput-External Canthus Distance

NATO: External Canthus-to-Wall Distance

NAVY RECRUITS: Occiput-External Canthus Distance

USAF '50: External Canthus to Wall USMC: Occiput-External Canthus Distance

USN: External Canthus to Wall

Not Equivalent:

None

Indeterminable:

None

EXTERNAL CANTHUS TO WALL DISTANCE

Reference: NATO

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the mid-sagittal plane when the head is held in the Frankfort planet of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the horizontal distance from external canthus to the wall.

Turkey	Greece	Italy
N: 687 X: 16.69 cm; 6.57 in	1084 16.41 cm; 6.46 in	1358 17.02 cm; 6.70 in 0.67 cm; 0.26 in
SD: 0.71 cm; 0.28 in V%: 4.22	0.69 cm; 0.27 in 4.22	3.95

Similar Dimensions:

Equivalent:

External Canthus-To-Wall-NATO (Continued)

ARMY '66: Occiput-External Canthus Distance

KOREA: External Canthus to Wall

NAVY RECRUITS: Occiput-External Canthus Distance

USAF '50: External Canthus to Wall

USMC: Occiput-External Canthus Distance

USN: External Canthus to Wall

Not Equivalent:

None

Indeterminable:

None

EXTERNAL CANTHUS TO WALL

Reference: USAF '50

Subject stands erect, looking directly forward (head oriented in the Frankfort plane), both shoulders and the back of his head touching a wall. Using the anthropometer, measure the horizontal distance from the wall to the outer corner (external canthus) of the right eye.

N: 4062

X: 17.21 cm; 6.78 in

SD: 0.80 cm; 0.32 in

V%: 4.6?

Similar Dimensions:

Equivalent:

ARMY '66: Occiput-External Canthus Distance

KOREA: External Canthus to Wall

NATO: External Canthus-to-Wall Distance

NAVY RECRUITS: Occiput-External Canthus Distance

USMC: Occiput-External Canthus Distance

USN: External Canthus to Wall

Not Equivalent:

None

External Canthus To Wall-USAF '50 (Continued)

Indeterminable:

None

EXTERNAL CANTHUS TO WALL

Reference: USN

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the midsaggital plane when the head is held in the Frankfort planet of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the horizontal distance from external canthus to the wall.

N: 1549

X: 17.87 cm; 7.00 in SD: 0.70 cm; 0.28 in

V%: 3.94

Similar Dimensions:

Equivalent:

ARMY '66: Occiput-External Canthus Distance

KOREA: External Canthus to Wall NATO: External Canthus-to-Wall Distance

NAVY RECRUITS: Occiput-External Canthus Distance

USAF '50: External Canthus to Wall

USMC: Occiput-External Canthus Distance

Not Equivalent:

None

Indeterminable:

None

EXTERNAL CONJUGATE (ANTERO-POSTERIOR) DIAMETER OF THE PELVIS

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal† [A]natomical landmarks: in front, the superior margin of the symphysis pubis in the middle line: posteriorly the tip of the spinous process of the 5th lumbar vertebra. [Maximum distance between the anterior and posterior anatomical landmarks].

No Data Available

Similar Dimensions:

None

See Also:

Buttock Depth

EXTRA-CANTHIC DIAMETER

Reference: MONTAGU

(Sliding Compass). From the lateral point of the junction of the upper and lower eyelids of the one side to the other.

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Biocular

KOREA: Biocular Diameter

MONACO: Largeur bipalpébrale externe

NATO: Biocular Diameter USAF '50: Biocular Diameter USN: Biocular Diameter

WAC: Biocular

Not Equivalent:

Extra-Canthic Diameter-MONTAGU (Continued)

None

Indeterminable:

None

EYE HEIGHT

Reference: ARMY ARMORED

The distance from the center of the pupil to the top of the head with the subject sitting comfortably and looking straight ahead was measured by having man peer thru a periscope with a 1/8 inch entrance slit. Periscope adjusted to man, head held vertical, and measurement made from center of slit to top of head.

N: 915

Median: 11.2 cm; 4.4 in

SD: NDA V%: NDA

Similar Dimensions:

Equivalent:

None

Not Equivalent:

FAA: Eye Height - to the floor

INDIA: Eye to the Top of the Head - lable of the outer canthus of left eye to

the top of the head

KOREA: Eye Height (Internal Canthus Height) - from the floor

NATO: External Canthus-to-Vertex Height - from the right external canthus to

vertex

USAF '50: Eye Height (Internal Canthus Height) - from the floor

WASP: Eye Height - from seat to pupil of eye

Indeterminable:

None

See Also:

External Canthus-to-Wall

EYE HEIGHT

Reference: FAA

Vertical distance from the inner angle of the eye to the floor.

N: 678

X: 164.77 cm; 64.87 in

SD: 6.18 cm; 2.43 in

V%: 3.75

Similar Dimensions:

Equivalent:

KOREA: Eye Height (Internal Canthus Height)
USAF '50: Eye Height (Internal Canthus Height)

Not Equivalent:

ARMY ARMORED: Eye Height - pupil to the top of the head

Indeterminable:

None

EYE HEIGHT (INTERNAL CANTHUS HEIGHT)

Reference: KOREA

Subject stands erect looking directly forward (head oriented in the Frankfort plane). Using the anthropometer, measure the vertical distance from the floor to the inner corner of the right eye (internal canthus).

N: 264

X: 157.62 cm; 62.05 in

SD: 4.92 cm; 1.94 in

V%: 3.11

Similar Dimensions:

Equivalent:

FAA: Eye Height

USAF '50: Eye Height (Internal Canthus Height)

Eye Height (Internal Canthus Height)-KOREA (Continued)

Not Equivalent:

ARMY ARMORED: Eye Height - pupil to the top of the head

Indeterminable:

None

EYE HEIGHT (INTERNAL CANTHUS HEIGHT)

Reference: USAF '50

Subject stands erect looking directly forward (head oriented in the Frankfort plane). Using the anthropometer, measure the vertical distance from the floor to the inner corner of the right eye (internal canthus).

N: 4063

X: 164.31 cm; 64.69 in SD: 6.04 cm; 2.38 in

V%: 3.68

Similar Dimensions:

Equivalent:

FAA: Eye Height

KOREA: Eye Height (Internal Canthus Height)

Not Equivalent:

ARMY ARMORED: Eye Height - pupil to the top of the head

Indeterminable:

None

EYE HEIGHT

Reference: WASP

†Subject back on table as far as possible, until backs of knees hit table edge. Legs dangle freely. Trunk as erect as possible; head in eye-ear horizontal† height from seat to pupil of eye.

Eye Height-WASP (Continued)

Women Pilots

Flying Nurses

N: 443

V%: NDA

X: 76.09 cm; 30.0 in

SD: NDA

151

74.35 cm; 29.3 in

NDA NDA

Similar Dimensions:

Equivalent:

FAA: Sitting Eye Height

FRANCE '65: Hauteur yeux-siège

Not Equivalent:

ARMY '66: Eye Height, Sitting - to the inner corner . . . of the right eye ARMY AVIATORS: Eye Height, Sitting - to the inner corner of the eye

FAA: Eye Height - to the floor

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) - to the inner

corner of the eye

NATO: Eye Height, Sitting (Internal Canthus Height, Sitting) - to the inner

corner of the right eye

NAVY RECRUITS: Eye Height, Sitting - to the inner corner . . . of the right eye

THAI: Eye Height, Sitting - to level of inner corner of right eye

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting) - to the in-

ner corner of the eye

USMC: Eye Height, Sitting - to the inner corner . . . of the right eye

USN: Eye Height Sitting - to the inner corner of the right eye

VIETNAM: Eye Height, Sitting - to level of inner corner of right eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYF HEIGHT, SITTING

Reference: ARMY '66

Eye Height, Sitting-ARMY '66 (Continued)

Subject sits erect, with head level, and with his feet resting on a surface adjusted to that his knees are bent at right angles. Eye height is measured as the vertical distance from the sitting surface to the inner corner (internal canthus) of the right eye. An anthropometer is used.

N: 6682

 \overline{X} : 78.71 cm; 30.99 in

SD: 3.58 cm; 1.41 in

V%: 4.53

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting)
NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting USN: Eye Height Sitting VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING

Reference: ARMY AVIATORS

The vertical distance from the seat surface to the inner corner of the eye, taken with the subject seated.

Eye Height, Sitting-ARMY AVIATORS (Continued)

N: 500

X: 78.49 cm; 30.90 in SD: 3.25 cm; 1.28 in

V%: [4.14]

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting
USN: Eye Height Sitting
VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING (INTERNAL CANTHUS HEIGHT, SITTING)

Reference: KOREA

Subject sits erect, looking directly forward (head oriented in the Frankfort plane), his feet resting on a surface so that the knees are bent at about right angles. Using the anthropometer, measure the vertical distance from the sitting surface to the inner corner of the eye.

Eye Height, Sitting (Internal Canthus Height, Sitting)-KOREA (Continued)

N: 264

X: 79.20 cm; 31.39 in SD: 3.17 cm; 1.25 in

V%: 4.01

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THA!: Fye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting USN: Eye Height Sitting VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING (INTERNAL CANTHUS HEIGHT, SITTING)

Reference: NATO

Subject sits erect, his head in the Frankfort plane, his feet resting on a surface adjusted so that the knees are bent at about right angles. Using the anthropometer, measure the vertical distance from the sitting surface to the inner corner of the right eye.

Eye Height, Sitting (Internal Canthus Steight, Sitting)-NATO (Continued)

Turkey	Greece	Italy
N: 915	1084	1358
X: 77.51 cm; 30.40 in	78.05 cm; 30.73 in	77.98 cm; 30.70 in
SD: 3.11 cm; 1.23 in	2.92 cm; 1.15 in	3.01 cm; 1.19 in
V%: 4.01	3.73	3.86

Similar Dimensions:

Equivalent:

ARMY '68: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting
USN: Eye Height Sitting
VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Houteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING

Reference: NAVY RECRUITS

Subject sits erect, with head level, and with his feet resting on a surface adjusted so that his knees are bent at right angles. Eye height is measured as the vertical distance from the sitting surface to the inner corner (internal canthus) of the right eye. An anthropometer is used.

Eye Height, Sitting-NAVY RECRUITS (Continued)

N: 4095

X: 79.88 cm; 31.45 in SD: 3.18 cm; 1.25 in

V%: 3.96

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting
USN: Eye Height Sitting
VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING

Reference: THAI

†Subject sitting erect on table or bench† Measured as distance from table surface to level of inner corner of right eye (right inner canthus).

N: 2950

X: 74.7 cm; 29.4 in

SD: 3.2 cm; 1.3 in

V%: 4.3

Eye Height, Sitting-THAI (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting
USN: Eye Height Sitting
VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING (INTERNAL CANTHUS HEIGHT, SITTING)

Reference: USAF '50

Subject sits erect, looking directly forward (head oriented in the Frankfort plane), his feet resting on a surface so that the knees are bent at about right angles. Using the anthropometer, measure the vertical distance from the sitting surface to the inner corner of the eye.

N: 4061

X: 79.94 cm; 31.47 in

SD: 3.22 cm; 1.27 in

V%: 4.03

Similar Dimensions:

Eye Height, Sitting (Internal Canthus Height, Sitting)-USAF -50 (Continued)

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting USMC: Eye Height, Sitting USN: Eye Height Sitting VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING

Reference: USMC

Subject sits erect, with head level, and with his feet resting on a surface adjusted so that his knees are bent at right angles. Eye height is measured as the vertical distance from the sitting surface to the inner corner (internal canthus) of the right eye. An anthropometer is used.

N: 2008

X: 78.64 cm; 30.96 in

SD: 3.33 cm; 1.31 in

V%: 4.25

Similar Dimensions:

Equivalent:

1. 1. 1. 1.1.

Eye Height, Sitting-USMC (Continued)

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye H: ght, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USN: Eye Height Sitting VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE HEIGHT SITTING

Reference: USN

Subject sits erect, his head in the Frankfort plane, his feet resting on a surface adjusted so that the knees are bent at about right angles. Using the anthropometer, measure the vertical distance from the sitting surface to the inner corner of the right eye.

N: 1549

 \overline{X} : 80.18 cm; 31.57 in SD: 3.31 cm; 1.18 in

V%: 3.75

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

Eye Height, Sitting-USN (Continued)

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting) NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting VIETNAM: Eye Height, Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Aiso:

Eye Height (Internal Canthus Height)

EYE HEIGHT, SITTING

Reference: VIETNAM

†Subject sitting erect on table or bench† Measured as distance from table surface to level of inner corner of right eye (right inner canthus).

N: 2128

 \overline{X} : 73.1 cm; 28.3 in SD: 3.2 cm; 1.3 in

V%: 4.4

Similar Dimensions:

Equivalent:

ARMY '66: Eye Height, Sitting

ARMY AVIATORS: Eye Height, Sitting

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting)
NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)

NAVY RECRUITS: Eye Height, Sitting)

THAI: Eye Height, Sitting

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)

USMC: Eye Height, Sitting

Eye Height, Sitting-VIETNAM (Continued)

USN: Eye Height Sitting

Not Equivalent:

FAA: Sitting Eye Height - from the right pupil

FRANCE '65: Hauteur yeux-siège - [the plane of the pupil]

WASP: Eye Height - to pupil of eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

EYE TO THE TOP OF THE HEAD

Reference: INDIA

By the help of improvised measuring scale, height from the lable of the outer centhus of left eye to the top of the head is measured.

N: 691

 \overline{X} : 10.96 cm; 4.31 in SD: 1.00 cm; 0.39 in

V%: [9.12]

Similar Dimensions:

Equivalent:

NATO: External Canthus-to-Vertex Height

Not Equivalent:

ARMY ARMORED: Eye Height - pupil to the top of the head

Indeterminable:

None

See Also:

External Canthus-to-Wall

FACE BREADTH

Reference: ARMY AVIATORS

The horizontal distance between the cheek bones (zygomatic arches).

N: 500

 \overline{X} : 14.14 cm; 5.57 in SD: 0.51 cm; 0.20 in

V%: [3.61]

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH

Reference: HRDLIČKA

Fuce Breadth-HRDLICKA (Continued)

The maximum bizygomatic diameter or greatest facial breadth.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

JAPAN: Bizygomatic Diameter KOREA: Bizygomatic Diameter MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH

Reference: THAI

Measured as maximum breadth of face between outermost bulges of cheek bones (zygomatic arches).

Face Breadth-THAI (Continued)

N: 2950

 \overline{X} : 13.1 cm; 5.2 in SD: 0.7 cm; 0.3 in

V%: 5.3

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygometic
COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH

Reference: VIETNAM

Measured as maximum breadth of face between outermost bulges of cheek bones (zygomatic arches).

Face Breadth-VIETNAM (Continued)

N: 2127

X: 12.8 cm; 5.0 in SD: 0.6 cm; 0.2 in

V%: 4.7

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH (BIZYGOMATIC BREADTH)

Reference: ARMY '66

Subject sits erect, with head level. The maximum horizontal breadth of the face is measured between the lateral projections of the cheek bones (zygomatic arches). Spreading calipers are used.

Face Breadth (Bisygomatic Breadth)-ARMY '66 (Continued)

N: 6681

 \overline{X} : 13.99 cm; 5.51 in SD: 0.55 cm; 0.22 in

V%: 4.00

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Bizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH (BIZYGOMATIC BREADTH)

Reference: NAVY RECRUITS

Subject sits erect, with head level. The maximum horizontal breadth of the face is measured between the lateral projections of the cheek bones (zygomatic arches). Spreading calipers are used.

Face Breadth (Bisygomatic Breadth)—NAVY RECRUITS (Continued)

N: 4095

X: 13.94 cm; 5.49 in SD: 0.55 cm; 0.22 in

V%: 3.95

Similar Dimensions:

Equivalent:

ARMY '63: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic

COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth
JAPAN: Bizygomatic Diameter
KOREA: Pizygomatic Diameter
MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter

USMC: Face Breadth (Bizygomatic Breadth)

USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeterminable:

None

FACE BREADTH (BIZYGOMATIC BREADTH)

Reference: USMC

Subject sits erect, with head level. The maximum horizontal breadth of the face is measured between the lateral projections of the cheek bones (zygomatic arches). Spreading calipers are used.

Face Breadth (Bisygomatic Breadth)—USMC (Continued)

N: 2008

 \overline{X} : 13.97 cm; 5.50 in SD: 0.53 cm; 0.21 in

V%: 3.86

Similar Dimensions:

Equivalent:

ARMY '66: Face Breadth (Bizygomatic Breadth)

ARMY AVIATORS: Face Breadth

ARMY QM: Bizygomatic COMAS: Bizygomatic Breadth

FRANCE '65: Largeur bizygomatique

HRDLICKA: Face Breadth

JAPAN: Bizygomatic Diameter

KOREA: Bizygomatic Diameter

MARTIN: Jochbogenbreite

MONACO: Diamètre bizygomatique MONTAGU: Bizygomatic Breadth NATO: Bizygomatic Diameter

NAVY RECRUITS: Face Breadth (Bizygomatic Breadth)

NORWAY: Bizygomatic Diameter

THAI: Face Breadth

USAF '50: Bizygomatic Diameter USN: Bizygomatic Diameter VIETNAM: Face Breadth

WAC: Bizygomatic

Not Equivalent:

None

Indeter.ninable:

None

FACE HEIGHT (LENGTH), MORPHOLOGICAL

Reference: HRDUČKA

The menton the inferior point of the mandible in the median planet-nasion the point where . . . the nasal suture meets the naso-frontal suturet diameter.

No Data Available

Face Height (Length, Morphological—HRDLICKA (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Face Length

COMAS: Morphological Facial Height FRANCE '65: Hauteur de la face MARTIN: Morphologische Gesichtshoehe MONACO: Diamètre naso-mentonnier

NORWAY: Height of Face

WAC: Face Length

Not Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length) - to the nasal root de-

MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the mid-sagittal plane

NATO: Menton-Nasal Root Depression Length - nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) - to the nasal root depression

USMC: Face Length (Menton-Nasal Root Length - to the nasal root depression

THAI: Face Length - depression of nose between eyes VIETNAM: Face Length - depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du rez Fossette mentonnière - [landmarks not specified]

FACE HEIGHT, PHYSIOGOMIC

Reference: HRDLIČKA

The menton the inferior point of the mandible in the median planet - crinion to point on the forehead, where the normal arc of the hair insertion intersects the midlinet diameter.

No Data Available

Similar Dimensions:

Equivalent:

Face Height, Physiogomic—HRDLICKA (Continued)

MARTIN: Physiognomische Gesichtshoehe MONACO: Hauteur totale du visage MONTAGU: Physiognomic Facial Length

Not Equivalent:

COMAS: Physiognomic Facial Height - from trichion to gnathion | the lowest point on the lower border of the chin

KOREA: Menton-Crinion Length - from the tip at the bottom surface of the

chin (Menton)

USAF '50: Menton-Crinion Length - from the tip at the bottom surface of the chin (Menton)

Indeterminable:

None

See Also:

Morphological Facial Height Morphological Upper Face Height

FACE LENGTH (MENTON-NASAL ROOT LENGTH)

Reference: ARMY '66

Subject sits erect, with head level. Face length is measured as the vertical distance from the tip of the chin (menton) to the nasal root depression between the eyes. Sliding calipers are used.

N: 6681

 \vec{X} : 12.03 cm; 4.74 in

SD: 0.66 cm; 0.26 in

V%: 5.50

Similar Dimensions:

Equivalent:

NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

THAI: Face Length

USMC: Face Length (Menton-Nasal Root Length)

VIETNAM: Face Length

Face Length (Menton-Nasal Root Length)—ARMY '66 (Continued)

Not Equivalent:

ARMY QM: Face Length - the most inferior point on the margin of the mandibular symphysis

COMAS: Morphological Facial Height - where the inter-nasal suture meets the raso-frontal suture

FRANCE '65: Hauteur de la face - [fronto-nasal articulation]

HRDLICKA: Face Height (Length), Morphological - the inferior point of the mandible

MARTIN: Morphologische Gesichtshoehe - [the lowest point on the lower edge of the mandible]

MONACO: Diamètre naso-mentonnier - [the inferior border of the lower jaw] MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

WAC: Face Length - from nasion . . . to gnathion

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

FACE LENGTH

Reference: ARMY AVIATORS

The vertical distance between the root of the nose and the chin.

N: 500

X: 11.86 cm; 4.67 in SD: 0.62 cm; 0.24 in V%: [5.31]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Face Length-ARMY AVIATORS (Continued)

Indeterminable:

Reference dimension description does not specify exact position on chin.

ARMY '66: Face Length (Menton-Nasal Root Length)

ARMY QM: Face Length

COMAS: Morphological Facial Height

FRANCE '55: Distance racine du nez-Fossette mentonnière

FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoehe MONACO: Diamètre naso-mentonnier MONTAGU: Morphological Facial Height NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

NORWAY: Height of Face

USMC: Face Length (Menton-Nasal Root Length)

THAI: Face Length VIETNAM: Face Length WAC: Face Length

FACE LENGTH

Reference: ARMY QM

Distance between nasion the point at the root of the nose where the fronto-nasal suture crosses the midlinet and menton the most inferior point on the margin of the mandibular symphysis at the chint. Pressure is applied at menton.

N: 24494

X: 12.50 cm; 4.92 in SD: 0.71 cm; 0.28 in

V%: 5.68

Similar Dimensions:

COMAS: Morphological Facial Height FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoehe MONACO: Diamètre naso-mentonnier

NORWAY: Height of Face

WAC: Face Length

Face Length—ARMY QM (Continued)

Not Equivalent:

ARMY '65: Face Length (Menton-Nasal Root Length) - to the nasal root depression

MONTAGU: Morphological Fucial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

NATO: Menton-Nasal Root Depression Length - nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) - to the nasal root depression

USMC: Face Length (Menton-Nasal Root Length) - to the nasal root depression

THAI: Face Length - depression of nose between eyes VIETNAM: Face Length - depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks are not specified]

FACE LENGTH (MENTON-NASAL ROOT LENGTH)

Reference: NAVY RECRUITS

Subject sits erect, with head level. Face length is measured as the vertical distance from the tip of the chin (menton) to the nasal root depression between the eyes. Sliding calipers are used.

N: 4095

X: 11.93 cm; 4.70 in

SD: 0.60 cm; 0.24 in

V%: 5.05

Similar Dimensions:

Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length)

NATO: Menton-Nasal Root Depression Length

THAI: Face Length

USMC: Face Length (Menton-Nasal Root Length)

VIETNAM: Face Length

Not Equivalent:

Face Length (Menton-Nasal Root Length)—NAYY RECRUITS (Continued)

ARMY QM: Face Length - the most inferior point on the margin of the mandibular symphysis

COMAS: Morphological Facial Height - where the inter-nasal suture meets the vaso-frontal suture

FRANCE '65: Hauteur de la face - [fronto-nasal articulation]

HRDLICKA: Face Height (Length), Morphological - the inferior point of the mandible

MARTIN: Morphologische Gesichtshoehe - [the lowest point on the lower edge of the mandible]

MONACO: Diamètre naso-mentonnier - [the inferior border of the lower jaw] MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

WAC: Face Length - from nasion . . . to gnathion

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

FACE LENGTH

Reference: THAI

Measured as distance from depression of nose between eyes (nasion) to tip of chin.

N: 2950

X: 11.4 cm; 4.5 in

SD: 0.6 cm; 0.2 in

V%: 5.3

Similar Dimensions:

Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length)

NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

USMC: Face Length (Menton-Nasal Root Length)

VIETNAM: Face Length

Face Length—THAI (Continued)

Not Equivalent:

ARMY QM: Face Length - the most inferior point on the margin of the mandibular symphysis

COMAS: Morphological Facial Height - where the inter-nasal suture meets the naso-frontal suture

FRANCE '65: Hauteur de la face - [fronto-nasal articulation]

HRDLICKA: Face Height (Length), Morphological - the inferior point of the mandible

MARTIN: Morphologische Gesichtshoehe - [the lowest point on the lower edge of the mandible]

MONACO: Diamètre naso-mentonnier - [the inferior border of the lower jaw] MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

WAC: Face Length - from nasion . . . to gnathion

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

FACE LENGTH (MENTON-NASAL ROOT LENGTH)

Reference: USMC

N: 2008

X: 12.01 cm; 4.73 in SD: 0.63 cm; 0.25 in

V%: 5.39

Similar Dimensions:

Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length)

NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

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Face Length (Menton-Nasal Root Length)—USMC (Continued)

VIETNAM: Face Length

Not Equivalent:

ARMY QM: Face Length - the most inferior point on the margin of the mandibular symphysis

COMAS: Morphological Facial Height - where the inter-nasal suture meets the naso-frontal suture

FRANCE '65: Hauteur de la face - [fronto-nasal articulation]

HRDLICKA: Face Height (Length), Morphological - the inferior point of the mandible

MARTIN: Morphologische Gesichtshoehe - [the lowest point on the lower edge of the mandible]

MONACO: Diamètre naso-mentonnier - [the inferior border of the lower jaw] MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

WAC: Face Length - from nasion . . . to gnathion

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

FACE LENGTH

Reference: VIETNAM

Measured as distance from depression of nose between eyes (nasion) to tip of chin (menton).

N: 2128

V%: 5.3

X: 11.3 cm; 4.4 in SD: 0.6 cm; 0.2 in

Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length)

NATO: Menton-Nasal Root Depression Length

NAVY RECRUITS: Face Length (Menton-Nasal Root Length)

THAI: Face Length

Face Length-VIETNAM (Continued)

USMC: Face Length (Menton-Nasal Root Length)

Not Equivalent:

ARMY QM: Face Length - the most inferior point on the margin of the mandibular symphysis

COMAS: Morphological Facial Height - where the inter-nasal suture meets the naso-frontal suture

FRANCE '65: Hauteur de la face - [fronto-nasal articulation]

HRDLICKA: Face Height (Length), Morphological - the inferior point of the

MARTIN: Morphologische Gesichtshoehe - [the lowest point on the lower edge of the mandible]

MONACO: Diamètre naso-mentonnier - [the inferior border of the lower jaw] MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

WAC: Face Length - from nasion . . . to gnathion

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance recine du nez-Fossette mentonnière - [landmarks not specified]

FACE LENGTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† Subject asked to put her molars together. Measurement taken from nasion † the point where the inter-nasal suture meets the naso-frontal suture† to gnathion † the most inferior point on the anterior portion of the mandible†. Pressure applied to gnathion.

N: 8452

X: 11.12 cm; 4.38 in SD: 0.67 cm; 0.26 in

V%: [6.03]

Similar Dimensions:

Equivalent:

Face Length-WAC (Continued)

ARMY QM: Face Length

COMAS: Morphological Facial Height FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoche MONACO: Diamètre naso-mentonnier

NORWAY: Height of Face

Not Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length) - to the nasal root de-

MONTAGU: Morphological Facial Height - point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

NATO: Menton-Nasal Root Depression Length - nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) - to the nasal root depression

USMC: Face Length (Menton-Nasal Root Length) - to the nasal root depression

THAI: Face Length - depression of nose between eyes

VIETNAM: Face Length - depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length - [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière - [landmarks not specified]

FEMUR CONDYLE BREADTH

Reference: NORWAY

[M]easured on the right leg with a spreading caliper, the leg in approximately 45-degree flexion of the knee joint. Measure the greatest distance between the most projecting points of the medial and lateral condyles.

N: 5765

X: 9.89 cm; 3.89 in SD: 0.45 cm; 0.18 in

V%: 4.50

Similar Dimensions:

None

Femur Condyle Breadth-NORWAY (Continued)

See Also:

Bi-Epicondylar, Femoral

FEMUR LENGTH

Reference: FAA

With the subject standing, the distance between the superior margin of the greater trochanter and the most distal point of the lateral femoral condyle.

N: 681

X: 46.82 cm; 18.44 in SD: 2.31 cm; 0.91 in

V%: 4.93

Similar Dimensions:

None

See Also:

Buttock-Knee

FINGER DIAMETER III

Reference: KOREA

Subject's right middle finger is inserted into a series of graduated holes. Record the diameter of the hole which most closely approximates the maximum diameter of the finger.

N: 264

X: 1.99 cm; 0.78 in SD: 0.09 cm; 0.04 in V%: 0.49 [Sic] [4.52]

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3
HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3

Finger Diameter III-KOREA (Continued)

NATO: Finger Diameter III USAF '50: Finger Diameter III

Not Equivalent:

None

Indeterminable:

None

FINGER DIAMETER III

Reference: NATO

Subject's right middle finger is inserted into a series of graduated holes in a plastic sheet. Record the diameter of the hole which most closely approximates the maximum diameter of the finger.

Turkey	Greece	Italy
N: 595	1084	1358
X: 2.14 cm; 0.84 in	2.18 cm; 0.86 in	2.18 cm; 0.86 in
SD: 0.12 cm; 0.05 in	0.11 cm; 0.04 in	0.12 cm; 0.05 in
V%: 12.02	10.83	11.87

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3
HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3

KOREA: Finger Diameter III USAF '50: Finger Diameter III

Not Equivalent:

None

Indeterminable:

None

FINGER DIAMETER III

Reference: USAF 50

Subject's right middle finger is inserted into a series of graduated holes. Record the diameter of the hole which most closely approximates the maximum diameter of the finger.

N: 4063

X: 2.18 cm; 0.86 in

SD: 0.12 cm; 0.05 in

V%: 5.48

Similar Dimensions:

Equivalent:

HANDS-FEMALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3
HANDS-MALE: Breadth [of] Proximal Interphalangeal Joint-Digit 3

KOREA: Finger Diameter III NATO: Finger Diameter III

Not Equivalent:

None

Indeterminable:

None

FINGER REACH

Reference: HRDLIČKA

The horizontal distance from tip of the medius of 1 hand to tip of the medius of the other hand, in maximum horizontal extension of the arms. [Taken with subject standing against a vertical measuring plane]

No Data Available.

Similar Dimensions:

Equivalent:

AAF: Total Span

ARMY ARMORED: Total Span

Finger Reach—HRDLICKA (Continued)

FAA: Arm Span

FRANCE '65: Grande envergure

GENEVA: Span INDIA: Total Span KOREA: Span

MARTIN: Spannweite der Arme

MONTAGU: Span NORWAY: Arm Span TUFTS: Total Span USAF '50: Span

Not Equivalent:

None

Indeterminable:

None

See Also:

Span Akimbo

FINGERTIP SPREAD; DIGITS 2-3

Reference: HAND

Subject's right hard is extended, palm down. Subject maximally spreads digits 2 and 3. With sliding caliper, measure the distance in the region of the fingernail from the thenar side of digit 2 to the hypothenar side of digit 3.

N: 27

X: 9.27 cm; 3.65 in SD: 1.57 cm; 0.62 in

V%: 16.89

Similar Dimensions:

None

FINGERTIP SPREAD; DIGITS 2-4

Reference: HAND

Fingertip Spread; Digits 2-4-HAND (Continued)

Subject's right hand is extended, palm down. Subject maximally spreads digits 2 and 4. With sliding caliper, measure the distance in the region of the fingernail from the thenar side of digit 2 to the hypothenar side of digit 4.

N: 27

X: 12.33 cm; 4.83 in

SD: 1.63 cm; 0.64 in

V%: 13.21

Similar Dimensions:

None

FINGERTIP SPREAD; DIGITS 2-5

Reference: HAND

Subject's right hand is extended, palm down. Subject maximally spreads digits 2 and 5. With sliding caliper, measure the distance in the region of the fingernail from the thenar side of digit 2 to the hypothenar side of digit 5.

N: 27

X: 16.31 cm; 6.35 in

SD: 1.50 cm; 0.59 in

V%: 9.32

Similar Dimensions:

None

FIRST PHALANX III LENGTH

Reference: KOREA

Subject's right hand is held in a fist. Using the sliding caliper, measure the length of the first segment of the middle finger across the surface of the third metacarpal and the second phalanx.

:: 264

Z: 6.50 cm; 2.56 in

SD: 0.29 cm; 0.12 in

V%: 4.51

First Phalanx III Length-KOREA (Continued)

Similar Dimensions:

Equivalent:

USAF '50: First Phalanx III Length

Not Equivalent:

None

Indeterminable:

None

FIRST PHALANX III LENGTH

Reference: USAF '50

Subject's right hand is held in a fist. Using the sliding caliper, measure the length of the first segment of the middle finger across the surfaces of the third metacarpal and the second phalanx.

N: 2955

X: 6.78 cm; 2.67 in

SD: 0.30 cm; 0.12 in

V%: 4.38

Similar Dimensions:

Equivalent:

KOREA: First Phalanx III Length

Not Equivalent:

None

Indeterminable:

None

FIST CIRCUMFERENCE

Reference: HANDS-FEMALE

Subject makes a tight fist with her thumb tucked against the middle phalanges of digits II and III. With the tape passing over the metacarpal-phalangeal joints of all five digits, measure the circumference of the fist.

N: 211

X: 24.83 cm; 9.78 in

SD: 1.31 cm; 0.52 in

V%: 5.27

Similar Dimensions:

Equivalent:

HANDS-MALE: Fist Circumference

Not Equivalent:

KOREA: Fist Circumference - thumb lying across the end of the fist USAF '50: Fist Circumference - thumb lying across the end of the fist WAF RECRUITS: Fist Circumference - thumb lying on the outside [across end of fist]

Indeterminable:

None

FIST CIRCUMFERENCE

Reference: HANDS-MALE

Subject makes a tight fist with his thumb tucked against the middle phalanges of digits II and III. With the tape passing over the metacarpal-phalangeal joints of all five digits, measure the circumference of the fist.

N: 148

X: 29.61 cm; 11.66 in

SD: 1.35 cm; 0.53 in

V%: 4.54

Similar Dimensions:

Equivalent:

Fist Circumference—HANDS-MALE (Continued)

HANDS-FEMALE: Fist Circumference

Not Equivalent:

KOREA: Fist Circumference - thumb lying across the end of the fist USAF '50: Fist Circumference - thumb lying across the end of the fist WAF RECRUITS: Fist Circumference - thumb lying on the outside [across end of fist]

Indeterminable:

None

FIST CIRCUMFERENCE

Reference: KOREA

Subject makes a tight fist with his right hand, the thumb lying across the end of the fist. With the tape passing over the thumb and the knuckles (distal ends of the metacarpal bones), measure the circumference of the fist.

N: 264

 \overline{X} : 27.20 cm; 10.71 in

SD: 1.19 cm; 0.47 in

V%: 4.37

Similar Dimensions:

Equivalent:

USAF '50: Fist Circumference

WAF RECRUITS: Fist Circumference

Not Equivalent:

HANDS-FEMALE: Fist Circumference - thumb tucked against the middle phal-

anges of digits II and III

HANDS-MALE: Fist Circumference - thumb tucked against the middle phalanges

of digits II and III

Indeterminable:

None

FIST CIRCUMFERENCE

Reference: USAF '50

Subject makes a tight fist with his right hand, the thumb lying across the end of the fist. With the tape passing over the thumb and knuckles (distal ends of the metacarpal bones), measure the circumfernce of the fist.

N: 4053

X: 29.36 cm; 11.56 in

SD: 1.45 cm; 0.57 in

V%: 4.94

Similar Dimensions:

Equivalent:

KOREA: Fist Circumference

WAF RECRUITS: Fist Circumference

Not Equivalent:

HANDS-FEMALE: Fist Circumjerence - thumb tucked against the middle phal-

anges of digits II and III

HANDS-MALE: Fist Circumference - thumb tucked against the middle phalanges

of digits II and III

Indeterminable:

None

FIST CIRCUMFERENCE

Reference: WAF RECRUITS

The subject holds her right fist with the thumb lying on the outside. Measure the circumference with the tape passing over the distal ends of the metacarpal bones.

N: 851

X: 25.08 cm; 9.87 in

SD: 1.32 cm; 0.52 in

V%: 5.27

Similar Dimensions:

Equivalent:

Fist Circumference—WAF RECRUITS (Continued)

KOREA: Fist Circumference USAF '50: Fist Circumference

Not Equivalent:

HANDS-FEMALE: Fist Circumference—thumb tucked against the middle phalanges of digits II and III

HANDS-MALE: Fist Circumference—thumb tucked against the middle phalanges of digits II and III.

Indeterminable:

None

FOOT BREADTH

Reference: AAF

Weight even on both feet. Left foot, maximum breadth with arms of anthropometer parallel to long axis of leg and foot. Light pressure.

Cadets	Gunners
N: 2959	584
Median: 9.83 cm; 3.9 in	9.71 cm; 3.8 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth USAF '50: Foot Breadth USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth—across the metatarsal-phalangeal joints

FAA: Foot Breadth-between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeat joints

Foot Breadth-AAF (Continued)

FRANCE '65: Largeur du picd—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Fool Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Fool Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLIČKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the reasuring instrument is not specified.]

FOOT BREADTH

Reference: ARMY ARMORED

Weight even on both feet. Left foot, maximum breadth with arms of anthropometer parallel to long axis of leg and foot. Light pressure.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Foot Breadth KOREA: Foot Breadth NATO: Foot Breadth USAF'50: Foot Breadth USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP. Foot Breadth

Foot Breadth-ARMY ARMORED (Continued)

Not Equivalent:

- ARMY '66: Boll of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phakangeal joints)
- ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints
- FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale
- FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints
- FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints
- FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]
- MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]
- MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal
- MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint
- NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).
- USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)
- WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

- ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]
- AUSTRALIA: Foot Width-[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]
- HRDLICKA: Foot Breadth-[Distribution of body weight is not specified.]
- THAI: Foot Breadth-[Orientation of the measuring instrument is not specified.]
- VIETNAM: Foot Breadth--[Orientation of the measuring instrument is not specified.]

FOOT BREADTH

Reference: ARMY AVIATORS

The maximum width of the right foot.

Foot Breadth-ARMY AVIATORS (Continued)

N: 500

X: 10.13 cm; 3.99 in SD: 0.53 cm; 0.21 in

V%: [5.26]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Fort Breadth-across the metatarsal-phalangeal joinis

AUSTRALIA: Foot Width-across the ball of the foot

FAA: Foot Breadth--between the Stral extremities of the first and fifth meta-tarsale

FOOT: Foot Breadth (Diagona) -diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarsc-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth -between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal j inc.)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument and the distribution of weight on the feet are not described.

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

HRDLICKA: Foot Breadth KOREA: Foot Breadth NATO: Foot Breadth THAI: Foot Breadth USAF'50 · Foot Breadth USN: Foot Breadth

Foot Breadth-ARMY AVIATORS (Continued)

VIETNAM: Foot Breodth WAF RECRUITS: Foot Width

WASP: Foot Breadth

FOOT BREADTH

Reference: ARMY QM

†Subject stands with feet about one foot apart and with weight evenly distributed†. Anthropometer held perpendicular to the antero-posterior axis of the foot. The measurement is taken as the maximum distance across the metatarsal-phalangeal joints. Firm contact.

N: 24466

 \overline{X} : 9.81 cm; 3.86 in SD: 0.63 cm; 0.25 in

V%: [6.42]

Similar Dimensions:

Equivalent:

ARMY QM: Foot Breadth

FOOT: Foot Breadth (Horizontal)

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width

FOOT: Foot Breadth (Diagonal)—diagonal between the prominence of the 1st

and 5th metatarso-phalangeal joints
HRDLIČKA: Foot Breadth—maximum breadth

KOREA: Foot Breadth-widest part of the foot

MARTIN: Breite des belasteten rechten Fusses—[of the weight supporting foot]
MORANT: Diagonal Foot Breadth—chord . . . between points marked on the
medial surface of the ball and on the lateral surface in the region of the

fifth metatarso-phalangeal joint

NATO: Foot Breadth—widest part of the foot

THAI: Foot Breadth—maximum breadth of right foot USAF '50: Foot Breadth—widest part of the foot

Proof Breadth-ARMY QM (Continued)

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth-maximum breadth of right foot

WAC: Foot Breadth-right foot placed on a stool

WAF RECRUITS: Foot Wiath-widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

ARM. 66: Ball of Foot Breadth FRANCE '65: Largeur du pied

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

In the following, the distribution of body weight on the feet and the orientation of the measuring instrument relative to the foot are not described.

AUSTRALIA: Foot Width FAA: Foot Breadth MONTAGU: Foot Breadth

FOOT BREADTH

Reference: FAA

Breadth of the foot as measured between the distal extremities of the first and fifth metatarsale.

N: 312

 \overline{X} : 9.83 cm; 3.87 in SD: 0.53 cm; 0.21 in

V%: 5.40

Similar Dimensions:

Equivalent:

None

Foot Breadth-FAA (Continued)

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth
ARMY AVIATORS: Foot Breadth—maximum width
HRDLICKA: Foot Breadth—maximum breadth of the foot

KOREA: Foot Breadth—widest part of the foot NATO: Foot Breadth—widest part of the foot

THAI: Foot Breudth—maximum breadth of right foot USAF '50: Foot Breadth—widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth—maximum breadth of right foot WAF RECRUITS: Foot Width—widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument relative to the foot is not described.

ARMY '66: Ball of Foot Breadth

ARMY QM: Foot Breadth
AUSTRALIA: Foot Width

FOOT: Foot Breadth (Diagonal)

FOOT: Foot Breadth (Horizontal)

FRANCE '65: Largeur du pied

MARTIN: Breite des belasteten rechten Fusses

MONTAGU: Foot Breadth

MORANT: Diagonal Foot Breadth

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

WAC: Foot Breadth

See Also:

Breadth of Instep

FOOT BREADTH

Reference: HRDLIČKA

The maximum breadth of the foot, at right angles to the length †length . . . parallel with the long axis of the foot.

No Data Available

Equivalent:

None

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

AUSTRALIA: Foot Width-across the ball of the foot

FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between . . . prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[distance from the medial metatarsal to the lateral metatarsale]

MONTAGU: Foot Breadth — From . . . the head of the first metatarsal to the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—between . . . medial surface of the ball and . . . the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints).

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth—across the metatarsal-phalangeal joint

Indeterminable:

The reference dimension description does not describe the distribution of body weight on the feet.

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth ARMY AVIATORS: Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth THAI: Foot Breadth USAF '50: Foot Breadth USN: Foot Breadth

Foot Breadth-HRDLIČKA (Continued)

VIETNAM: Foot Breadth WAF RECRUITS: Foot Width

WASP: Foot Breadth

FOOT BREADTH

Reference: KOREA

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls and the long axis parallel to the side wall, his weight equally distributed on both feet. Usin the scale on the base of the box, measure from the side wall to the widest part of th foot.

N: 264

 \bar{X} : 0.49 cm; 3.74 in

SD: \.46 cm; 0.18 in

V%: 4.82

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

NATO: Foot Breadth USAF '50: Foot Breadth

USN: Foot Breadth
WAF RECRUITS: Foot Width

WASP: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

FAA: Foot Breadth—between the distal extremities of the first and fifth meta-

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal plane. lefined by the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

Foot Breadth-KOREA (Continued)

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Toot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls

of the foot (first and fifth metatarsal-phalangeal joints).

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLICKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the measuring instrument is not specified.]

FOOT BREADTH

Reference: MONTAGU

(Anthropometer as Sliding Compass). From the medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width HRDLIČKA: Foot Breadth—maximum breadth of the foot

KOREA: Foot Breadth-widest part of the foot

Foot Breadth-MONTAGU (Continued)

NATO: Foot Breadth-widest part of the foot

T. AI: Foot Breadth-maximum breadth of the right foot

USAF '50: Foot Breadth—widest part of the foot USN: Foot Breadth—widest part of the loot

VIETNAM: Foot Broadth—maximum breadth of right foot WAF RECRUITS: Foot Width—widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument relative to the foot is not described.

ARMY '66: Ball of Foot Breadth ARMY QM: Foot Breadth AUSTRALIA: Foot Width

FAA: Foot Breadth

FOOT: Foot Breadth (Diagonal) FOOT: Foot Breadth (Horizontal) FRANCE '65: Largeur du pied

MARTIN: Breite des belasteten rechten Fusses

MORANT: Diagonal Foot Breadth

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

WAC: Foot Breadth

See Also:

Breadth of Instep

FOOT BREADTH

Reference: NATO

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls, its long axis parallel to the side wall, and his weight equally distributed on both feet. With the block touching the widest part of the foot, measure foot width from the side wall, using the scale on the floor of the box.

	Turkey	Greece	Italy
N:	915	1084	1358
X:	10.15 cm; 4.00 in	10.13 cm; 3.99 in	10.22 cm; 4.02 in
SD:	0.55 cm; 0.22 in	0.50 cm; 0.20 in	0.51 cm; 0.20 in
V%:	5.42	4.94	4.94

Foot Breadth-NATO (Continued)

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth
USAF '50: Foot Breadth
USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied-[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer bulls of the foot (first and fifth metatarsal-phalangeal joints)

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

Foot Breadth-NATO (Continued)

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLICKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the measuring instrument is not specified.]

FOOT BREADTH

Reference: THAI

Measured as maximum breadth of right foot, †Weight Equally Discributed on Both Feet†

N: 2950

X: 10.6 cm; 3.9 in

SD: 0.5 cm; 0.2 ln

V%: 6.0

Similar Dimensions:

Equivalent:

VIETNAM: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

AUSTRALIA: Foot Width-across the ball of the foot

FAA: Foot Breadth—between the distal extremitles of the first and fifth meta-

FOOT: Foot Breadth (Diagonal)—between the prominence of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between . . . the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied-[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[distance from the medial metatarsal to the lateral metatarsale]

MONTAGU: Foot Breadth—From ... the head of the first metatorsal to ... the head of the fifth metatorsal

MORANT: Diagonal Foot Breadth—between . . . medial surface of the ball and . . . the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

Foot Breadth-THAI (Continued)

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth ARMY AVIATORS: Foot Breadth

HRDLICKA: Foot Breadth KOREA: Foot Breadth NATO: Foot Breadth USAF '50: Foot Breadth USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

See Also:

Breadth of Instep

FOOT BREADTH

Reference: USAF '50

Subject stands with his right foot in the foot box, the foot just touching the side and rear wails and the long axis parallel to the side wail, his weight equally distributed on both feet. Using the scale on the base of the hox, measure from the side wall to the widest part of the foot.

N: 4060

X: 9.65 cm; 3 80 in SD: 0.47 cm; 0.19 in

V%: 4.90

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

Foot Breadth-USAF '50 (Continued)

Not Equivalent:

- ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)
- ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints
- FAA: Foot Breadth -- between the distal extremities of the first and fifth metatarsale
- FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints
- FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints
- FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]
- MARTIN: Breite des belasteten rechten Fusses-[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foct]
- MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal
- MORANT: Diagonal Fool Breadth—ehord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint
- NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)
- USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth met: tarsal-phalangeal joints)
- WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

- ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]
- AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]
- HRDLICKA: Foot Breadth-[Distribution of body weight is not specified.]
- THAI: Foot Breadth-[Orientation of the measuring instrument is not specified.]
- VIETNAM: Foot Breadth-[Orientation of the measuring instrument is not specified.]

FOOT BREADTH

Reference: USN

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls, its long axis parallel to the side wall, and his weight equally distributed on

Foot Breadth-USN (Continued)

both feet. With the block touching the widest part of the foot, measure foot width from the side wall, using the scale on the floor of the box.

N: 1549

 \overline{X} : 10.24 cm: 4.03 in

SD: 0.77 cm; 0.30 in

V%: 7.54

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth

NATO: Foot Breadth

USAF '50: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (lirst and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth—across the metatarsai-phalangeal joints

FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses-[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Foot Breadth-USN (Continued)

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLICKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the measuring instrument is not specified.]

FOOT BREADTH

Reference: VIETNAM

Measured as maximum breadth of right foot. †Weight Equally Distributed on Both Feet†

N: 2124

 \overline{X} : 9.3 cm; 3.7 in SD: 0.6 cm; 0.2 in

V%: 6.4

Similar Dimensions:

Equivalent:

THAI: Foot Breadth

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

AUSTRALIA: Foot Width-across the ball of the foot

FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominence of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between . . . the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heads of the first and fifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[distance from the medial metatarsal to the lateral metatarsale]

MONTAGU: Foot Breadth — From . . . the head of the first metatarsal to . . . the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—between . . . medial surface of the ball and . . . the region of the fifth metatarso-phalangeal joint

Foot Breadth-VIETNAM (Continued)

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

USMC: Ball of Foot Breadth-between the inner and outer balls of the foot

(first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-across the metatarsal-phalangeal joints

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth ARMY AVIATORS: Foot Breadth HRDLICKA; Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth USAF '50: Foot Breadth

USN: Foot Breadth

WAF RECRUITS: Foot Width

WASP: Foot Breadth

See Also:

Breadth of Instep

FOOT BREADTH

Reference: WAC

†Subject... stands on left foot with right foot placed on a stool directly to the front†. Anthropometer held parallel to the floor. Measurement taken as the maximum breadth across the metatarsal-phalangeal joints of the left foot.

N: 1945

 \overline{X} : 9.17 cm; 3.61 in SD: 0.57 cm; 0.22 in

V%: [6.22]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Foot Breadth-Weight even on both feet

ARMY '66: Ball of Foot Breadth-weight evenly distributed on both feet

Foot Breadth-WAC (Continued)

ARMY ARMORED: Foot Breadth-Weight even on both feet

ARMY AVIATORS: Foot Breadth-maximum width

ARMY QM: Foot Breadth-weight evenly distributed

AUSTRALIA: Foot Width-greatest measurement across the ball of the foot

FOOT: Foot Breadth (Diagonal)-body weight was equally distributed

FOOT: Foot Breadth (Horizontal)—body weight was equally distributed

FRANCE '65: Largeur au pied-[body weight distributed equally]

HRDLICKA: Foot Breadth—[Illustration indicates that this dimension was measured perpendicular to the longitudinal axis of the foot.]

KOREA: Foot Breadth-weight equally distributed on both feet

MONTAGU: Foot Breadth—[Subject standing erect as for MONTAGU: Foot Length.]

MORANT: Diagonal Foot Breadth—body weight roughly supported equally by the two feet

NATO: Foot Breadth-weight equally distributed on both feet

NAVY RECRUITS: Ball of Foot Breadth—weight evenly distributed on both feet

THAI: Foot Breadth-Weight Equally Distributed on Both Feet

USAF '50: Foot Breadth-weight equally distributed on both feet

USMC: Ball of Foot Breadth-weight evenly distributed on both feet

USN: Foot Breadth-weight equally distributed on both feet

VIETNAM: Foot Breadth-Weight Equally Distributed on Both Feet

WAF RECRUITS: Foot Width-weight equally distributed on both feet

WASP: Foot Breadth-Weight even on both feet

Indeterminable:

FAA: Foot Breadth-[Distribution of body weight is not specified.]

MARTIN: Breite des belasteten rechten Fusses—[In reference dimension description, the orientation of the anthropometer relative to the foot is not described.]

See Also:

Breadth of Instep

FOOT LENGTH

Reference: WASP

Weight even on both feet. Left foot, maximum breadth with arms of anthropometer parallel to long axis of leg and foot. Light pressure.

 Women Pilots
 Flying Nurses

 N: 447
 152

 X: 9.18 cm; 3.61 in
 9.15 cm; 3.60 in

 SD: NDA
 NDA

 V%: NDA
 NDA

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth USAF'50: Foot Breadth USN: Foot Breadth

WAF RECRUITS: Foot Width

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

ARMY QM: Foot Breadth—across the metatarsal-phalangeal joints

FAA: Foot Breadth—between the distal extremities of the first and fifth metatursale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints

FRANCE '65: Largeur du pied—[between the widest points at the heacs of the first and fifth metatarsais]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance !rom the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

Foot Breadth-WASP (Continued)

USMC: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLICKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the measuring instrument is not specified.]

FOOT BREADTH (DIAGONAL)

Reference: FOOT

Breadth of diagonal between the prominence of the 1st and 5th metatarso-phalangeal joints. [from photograph] †body weight is equally distributed between the two feet.†

	White	Negro
N: 4	5567	1195
$\overline{\mathbf{X}}$:	10.33 cm; 4.07 in	10.54 cm; 4.15 in
Est. SD:	[0.49 cm; 0.19 in]	[0.49 cm; 0.19 in]
Fot VCL .		[4 65]

Similar Dimensions:

Equivaient:

MORANT: Diagonal Foot Breadth

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY '66: Ball of Foot Breadth-A foot measuring box is used

ARMY ARMORED: Foot Breadth-maximum breadth

ARMY AVIATORS: Foot Breadth-maximum width of the right foot

ARMY QM: Foot Breadth—Anthropometer held perpendicular to the anterposterior axis of the foot

FOOT: Foot Breadth (Horizontai) - [anthropometer arms] parallel to the longitudinal axis.

Foot Breadth (Diagonal)—FOOT (Continued)

HRDLIČKA: Foot Breadth-maximum breadth of the foot

KOREA: Foot Breadth-widest part of the foot

MARTIN: Breite des belasteten rechten Fusses-[of the weight supporting foot]

NATO: Foot Breadth-widest part of the foot

NAVY RECRUITS: Ball of Foot Breadth-A foot measuring box is used

THAI: Foot Breadth-maximum breadth

USAF '50: Foot Breadth—the widest part of the foot

USMC: Ball of Foot Breadth-A foot measuring box is used

USN: Foot Breadth-the widest part of the foot

VIETNAM: Foot Breadth-maximum breadth of right foot

WAF RECRUITS: Foot Width-widest part of the foot

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AUSTRALIA: Foot Width

FAA: Foot Breadth

FRANCE '65: Largeur du pied MONTAGU: Foot Breadth

See Also:

Breadth of Instep

FCOT BREADTH (HORIZONTAL)

Reference: FOOT

Breadth along a rectilinear abscissa between the longitudinal planes defined by the prominences of the 1st and 5th metatarso-phalangeal joints, and parallel to the longitudinal axis. [from photograph] †body weight was equally distributed between the two feet.†

Foot Breadth (Diagonal)-FOOT (Continued)

White

Negro

N: 5561

1199

X: 9.80 cm; 3.88 in

9.92 cm; 3.88 in

SD: NDA

MDA

V%: NDA

NDA

Similar Dimensions:

Equivalent:

ARMY QM: Foot Breadth

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth ARMY AVIATORS: Foot Breadth—maximum width

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and

5th metatarso-phalangeal joints

HRDLIČKA: Foot Breadtn-maximum breadth of the foot

KOREA: Foot Breadth—the widest part of the foot

MARTIN: Breite des belaxteten rechten Fusses-[of the weight supporting foot]

MORANT: Diagonal Foot Breadth—chord... between points marked on the medial surface of the ball and on the lateral surface in the region of the fifth metatarso-phalangeal joint

NATO: Foot Breadth-widest part of the foot

THAI: Foot Breadth-maximum breadth of right foot

USAF '50: Foot Breadth-widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth-maximum breadth of right foot

WAC: Foot Breadth-right foot placed on a stool

WAF RECRUITS: Foot Width-widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

ARMY '66: Ball of Foot Breadth FRANCE '65: Largeur du pied

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

Foot Breadth (Horizontal)—FOOT (Continued)

In the following, the distribution of body weight on the feet and the orientation of the measuring instrument relative to the foot are not described.

AUSTRALIA: Foot Width

FAA: Foot Breadth

MONTAGU: Foot Breadth

FOOT LENGTH

Reference: AAF

Weight even on both feet. Left foot, maximum contact from heel to great toe (or second, if longer).

 Cadets
 Gunners

 N: 2959
 583

Median: 26.72 cm; 10.5 in 26.33 cm; 10.4 in

SD: NDA NDA NDA NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Foot Length

TUFTS: Foot Length
WASP: Foot Length

Not Equivalent:

YRDLIČKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses—[weight of the body is transmitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY '66: Foot Length

Foot Length-AAF (Continued)

ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length
FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
USAF '50: Foot Length
USMC: Foot Length
USN: Foot Length

VIETNAM: Foot Length

WAF RECRUITS: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: ARMY '66

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The maximum length of the right foot is measured from the back of the heel to the tip of the longest toe. A foot measuring box is used.

N: 6682

 \overline{X} : 26.77 cm; 10.54 in SD: 1.29 cm; 0.51 in

V%: 4.86

Similar Dimensions:

Equivalent:

NAVY RECRUITS: Foot Length

USMC: Foot Length

Foot Length-ARMY '66 (Continued)

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses- [weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

AAF: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length
FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length
MORANT: Maximum Foot Length

NATO: Foot Length THAI: Foot Length TUFTS: Foot Length USAF '50: Foot Length USN: Foot Length

VIETNAM: Foot Length WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: ARMY ARMORED

Foot Length—ARMY ARMORED (Continued)

Weight even on both feet. Left foot, maximum contact from heel to great toe (or second, if longer).

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Foot Length TUFTS: Foot Length WASP: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses-[weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY '66: Foot Length

ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length
FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
USAF '50: Foot Length
USMC: Foot Length
USN: Foot Length
VIETNAM: Foot Length

Foot Length-ARMY ARMORED (Continued)

WAF RECRUITS: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: ARMY AVIATORS

The distance from the heel to the end of the longest toe of the right foot.

N: 500 X: 27.08 cm; 10.66 in SD: 1.24 cm; 0.49 in

V%: [4.58]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

In the reference dimension description the distribution of body weight on the feet is not described.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length

ARMY QM: Foot Length AUSTRALIA: Foot Length BULGARIA: Length of the Foot

FAA: Foot Length FOOT: Foot Length

FRANCE '65: Longueur du pied HRDLICKA: Foot Length

KOREA: Foot Length

MARTIN: Laenge des belasteten rechten Fusses

Foot Length-ARMY AVIATORS (Continued)

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

TUFTS: Foot Length
THAI: Foot Length
USAF'50: Foot Length
USMC: Foot Length
USN: Foot Length
VIETNAM: Foot Length
WAC: Foot Length

WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: ARMY QM

Subject stands with feet about one foot apart and with weight evenly distributed. With anthropometer parallel to long axis of the foot, measurement is taken between the most posterior point on the heel and most anterior point on the longest toe or toenail. Contact measurement.

N: 24372

X: 26.51 cm; 10.44 in

SD: 1.21 cm; 0.48 in

V%: [4.56]

Similar Dimensions:

Equivalent:

BULGARIA: Length of the Foot

FOOT: Foot Length KOREA: Foot Length NATO: Foot Length USAF '50: Foot Length USN: Foot Length

WAF RECRUITS: Foot Length

Foot Le.1gtb-ARMY QM (Continued)

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench... without pressure, putting all his weight on the right limb

MARTIN: Luenge des belasteten rechten Fusses—[weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board... foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied

MONTAGU: Maximum Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: AUSTRALIA

Measured by means of a standard foot measuring chart placed between two right angle blocks, the length of the foot is taken as the longest measurement from heel to foremost toe.

Foot Length-AUSTPALIA (Continued)

N: 3302

X: 26.67 cm; 10.50 in SD: 1.19 cm; 0.45 in

V%: [4.46]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension description does not specify the distribution of weight on the feet.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length

BULGARIA: Length of the Foot

FAA: Foot Length FOOT: Foot Length

FRANCE '65: Longueur du pied HRDLIČKA: Foot Length KOREA: Foot Length

MARTIN: Laenge des belasteten rechten Fusses

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USAF '50: Foot Length
USMC: Foot Length
USN: Foot Length
VIETNAM: Foot Length
WAC: Foot Length

WAF RECRUITS: Foot Length

WASP: Foot Length

Foot Length—AUSTRALIA (Continued)

See Also:

Instep L. -gth

FOOT LENGTH

Reference: FAA:

Back of heel to tip of longest toe.

N: 678

X: 26.82 cm; 10.56 in

SD: 1.16 cm; 0.46 in

V%: 4.35

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

The reference dimension description does not specify the distribution of weight on the feet.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FOOT: Foot Length

FRANCE '65: Longueur du pied HRDLICKA: Foot Length

KOREA: Foot Length

MARTIN: Laenge des belasteten rechten Fusses

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

Foot Length-FAA (Continued)

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USAF '50: Foot Length
USMC: Foot Length
USN: Foot Length

VIETNAM: Foot Length
WAC: Foot Length

WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: FOOT

Length from heel to longest toe tip along rectangular ordinates. [from photograph] †body weight was equally distributed between the two feet.†

White	Negro
N: 5574	1200
\overline{X} : 26.84 cm; 10.57 in	27.55 cm; 10.85 in
Est SD: [1.54 cm; 0.46 in]	[1.23 cm; 0.48 in]
Est V%: [5.74]	[4.46]

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

 ${\bf BULGARIA: } \textit{Length of the Foot}$

KOREA: Foot Length NATO: Foot Length USAF'50: Foot Length USN: Foot Length

WAF RECRUITS: Foot Length

Foot Length—FOOT (Continued)

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench... without pressure, putting all his weight on the right limb

MARTIN: Lacage des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board . . . foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: HRDLIČKA

Length maximum, parallel with the long axis of the foot . . . direct the subject to place his left foot upon the bench . . . without pressure, putting all his weight on the right limb. The large sliding caliper is then applied so that its rod lies parallel with the long axis of the foot, its fixed branch touches the heel, and its movable branch is brought lightly to the most distal part of the longest toe.

No Data Available

Similar Dimensions:

Equivalent:

WAC: Foot Length

Foot Length- HRDLIČKA (Continued)

Not Equivalent:

ARMY QM: Foot Length-weight evenly distributed

BULGARIA: Length of the Foot-weight equally distributed between the two feet

FOOT: Foot Length-body weight was equally distributed between the two feet

KOREA: Foot Length-weight equally distributed on both feet

MARTIN: Lacaye des belasteten rechten Fusses—[anthropometer . . . parallel to medial edge of the foot]

MORANT: Maximum Foot Length—medial side of the foot is in contact with the side block at the heel and at the ball. . . . †with the body weight roughly supported equally by the two feet

NATO: Foot Length-weight equally distributed on both feet

USAF '50: Foot Length-weight equally distributed on both feet

USN: Foot Length-weight equally distributed on both feet

WAF RECRUITS: Foot Length-weight equally distributed on both feet

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length ARMY '66: Foot Length

ARMY ARMORED: Foot Length

ARMY AVIATORS: Foot Length

AUSTRALIA: Foot Lengt

FAA: Foot Length

FRANCE '65: Longueur au pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

FOCT LENGTH

Reference: KOREA

Subject stands with his right foot in the foot box, the foot just touching the side

Foot Length-KOREA (Continued)

and rear walls and the long axis parallel to the side wall, his weight equally distributed on both feet. Using the scale on the base of the box, measure from the rear wall to the tip of the longest toe.

N: 264

X: 24.76 cm; 9.74 in SD: 0.97 cm; 0.38 in

V%: 3.90

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

BULGARIA: Length of the Foot

FOOT: Foot Length NATO: Foot Length USAF '50: Foot Length USN: Foot Length

WAF RECRUITS: Foot Length

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench . . . without pressure, putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board . . . foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the fool is not described.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

Foot Length-KORE.1 (Continued)

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: NATO

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls, its long axis parallel to the side wall, and his weight equally distributed on both feet. With the block touching the tip of the longest toe, measure foot length from the rear wall, using the scale on the floor of the box.

	Turkey	Greece	Italy
N:	915	10.84	1358
$\overline{\mathbf{X}}$:	26.22 cm; 10.32 in	26.30 cm; 10.35 in	26.44 cm; 10.41 in
SD:	1.09 cm; 0.43 in	1.16 cm; 0.46 in	1.13 cm; 0.44 in
V%:	4.14	4.41	4.27

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

BULGARIA: Length of the Foot

FOOT: Foot Length KOREA: Foot Length USAF '50: Foot Length USN: Foot Length

WAF RECRUITS: Foot Length

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench... without pressure, putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

Foot Length-NATO (Continued)

MORANT: Maximum Foot Length—measuring board... foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length
ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Fest Length NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: NAVY RECRUITS

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The maximum length of the right foot is measured from the back of the heel to the tip of the longest toe. A foot measuring box is used.

N: 4095

 \overline{X} : 26.51 cm 10.44 in SD: 1.29 cm; 0.51 in

V%: 4.87

Foot Length-NAVY RECRUITS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Foot Length USMC: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses-[weight of the body is trans-

mitted through the right foot]

WAC: Foot Length—stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

AAF: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length THAI: Foot Length TUFTS: Foot Length USAF '50: Foot Length USN: Foot Length

VIETNAM: Foot Length
WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: THAI

Measured as distance from back of right heel to tip of longest toe. †Weight Equally Distributed on Both Feet†

N: 2950

 \overline{X} : 24.6 cm; 9.7 in SD: 1.1 cm; 0.4 in

V%: 4.5

Similar Dimensions:

Equivalent:

VIETNAM: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses - [weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

TUFTS: Foot Length USAF '50: Foot Length USMC: Foot Length

Foot Length-THAI (Continued)

USN: Foot Length

WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: TUFTS

Weight even on both feet. Left foot, maximum contact from heel to great toe (or second toe, if longer).

No Data Available

Similar Dimensions:

Equivalent:

AAF: Foot Length

ARMY ARMORED: Foot Length

WASP: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses - [weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY '66: Foot Length

ARMY AVIATORS: Foot Length

ARMY QM: Foot Length AUSTRALIA: Foot Length BULGARIA: Length of the Foot

FAA: Foot Length

Foot Length-TUFTS (Continued)

FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
USAF '50: Foot Length
USMC: Foot Length
USN: Foot Length
VIETNAM: Foot Length

WAF RECRUITS: Foot Length

See Also:

Instep Length.

FOOT LENGTH

Reference: USAF '50

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls and the long axis parallel to the side wall, his weight equally distributed on both feet. Using the scale on the base of the box, measure from the rear wall to the tip of the longest toe.

N: 4063

 \overline{X} : 26.68 cm; 10.50 in SD: 1.15 cm; 0.45 in

V%: 4.30

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

BULGARIA: Length of the Foot

FOOT: Foot Length KOREA: Foot Length NATO: Foot Length USN: Foot Length

WAF RECRUITS: Foot Leugth

Foot Length-USAF '50 (Continued)

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench... without pressure, putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board . . . foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length
ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

AUSTRALIA: Foot Length FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: USMC

Subject stands erect, with his right foot in a foot measuring box, and with his weight evenly distributed on both feet. The maximum length of the right foot is measured from the back of the heel to the tip of the longest toe. A foot measuring box is used.

Foot Length-USMC (Continued)

N: 2008

X: 26.69 cm; 10.51 in

SD: 1.29 cm; 0.51 in

V%: 4.84

Similar Dimensions:

Equivalent:

ARMY '66: Foot Length

NAVY RECRUITS: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses - [weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

AAF: Foot Length

ARMY ARMORED: Foot Length

ARMY AVIATORS: Foot Length ARMY QM: Foot Length

AUSTRALIA: Foot Length BULGARIA: Length of the Foot

FAA: Foot Length FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length THAI: Foot Length

TUFTS: Foot Length
USAF '50: Foot Length
USN: Foot Length

VIETNAM: Foot Length

Foot Length-USMC (Continued)

WAF RECRUITS: Foot Length WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: USN

Subject stands with his right foot in the foot box, the foot just touching the side and rear walls, its long axis parallel to the side wall, and his weight equally distributed on both feet. With the block touching the tip of the longest toe, measure foot length from the rear wall, using the scale on the floor of the box.

N: 1549

 \overline{X} : 26.62 cm; 10.48 in

SD: 1.20 cm; 0.47 in

V%: 4.52

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

BULGARIA: Length of the Foot

FOOT: Foot Length KOREA: Foot Length NATO: Foot Length USAF '50: Foot Length

WAF RECRUITS: Foot Length

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench... without pressure, putting all his weight on the right limb

MARTIN: Lacange des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board . . . foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Foot Length-USN (Continued)

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: VIETNAM

Measured as distance from back of right heel to tip of longest toe. †Weight Equally Distributed on Both Feet†

N: 2129

 \overline{X} : 23.7 cm; 9.3 in SD: 1.0 cm; 0.4 in

V%: 4.2

Similar Dimensions:

Equivalent:

THAI: Foot Length

Not Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses - [weight of the body is trans-

mitted through the right foot]

Foot Length-VIETNAM (Continued)

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

AAF: Foot Length ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length

BULGARIA: Length of the Foot

FAA: Foot Length
FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum, Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

TUFTS: Foot Length USAF '50: Foot Length USMC: Foot Length USN: Foot Length

WAF RECRUITS: Foot Length

WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: WAC

†Subject...stands on left foot with right foot placed on a stool, directly to the front.† Anthropoineter held lateral to the foot and parallel to its anterior-posterior axis. Measurement taken from the most posterior point on the heel to the most anterior point on the longest toe of the left foot.

Foot Length-WAC (Continued)

N: 1949

 \overline{X} : 23.90 cm; 9.41 in SD: 1.12 cm; 0.44 in

V%: [4.69]

Similar Dimensions:

Equivalent:

HRDLIČKA: Foot Length

Not Equivalent:

ARMY QM: Foot Length-weight evenly distributed

BULGARIA: Length of the Foot—weight equally distributed between the two feet FOOT: Foot Length—body weight was equally distributed between the two feet

KOREA: Foot Length-weight equally distributed on both feet

MARTIN: Laenge des belasteten rechten Fusses-[anthropometer . . . parallel to

medial edge of the foot]

MORANT: Maximum Foot Length—medial side of the foot is in contact with the side block at the heel and at the ball. . . . † with the body weight roughly supported equally by the two feet

NATO: Foot Length—weight equally distributed on both feet USAF '50: Foot Length—weight equally distributed on both feet

USN: Foot Length-weight equally distributed on both feet

WAF RECRUITS: Foot Length-weight equally distributed on both feet

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length

ARMY '66: Foot Length

ARMY ARMORED: Foot Length ARMY AVIATORS: Foot Length

AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

THAI: Foot Length
TUFTS: Foot Length
USMC: Foot Length
VIETNAM: Foot Length
WASP: Foot Length

FOO' LENGTH

Reference: WAF RECRUITS

The subject stands with her weight equally distributed on both feet. Her right fcot is placed in a special foot measuring box with her heel touching the rear wall of the box and the lateral edge of her instep touching the lateral wall of the box. The longitudinal axis of the foot is parallel to the lateral wall of the box so that the side of the heel is not necessarily in contact with the lateral wall of the measuring box. Measure the length from the rear of the measuring box to the tip of the longest toe.

N: 850

 \overline{X} : 23.94 cm; 9.43 in SD: 1.17 cm; 0.46 in

V%: 4.89

Similar Dimensions:

Equivalent:

ARMY QM: Foot Length

BULGARIA: Length of the Foot

F(OOT: Foot Length KOREA: Foot Length NATO: Foot Length USAF'50: Foot Length USN: Foot Length

Not Equivalent:

HRDLICKA: Foot Length—left foot upon the bench . . . without pressure, putting all his weight on the right limb

MARTIN: Laenge des belasteten rechten Fusses — [weight of the body is transmitted through the right foot]

MORANT: Maximum Foot Length—measuring board . . . foot is in contact with the side block at the heel and at the ball

WAC: Foot Length-stands on left foot with right foot placed on a stool

Indeterminable:

In the following, the orientation of the measuring instrument relative to the foot is not described.

AAF: Foot Length ARMY '66: Foot Length ARMY ARMORED: Foot Length

Foot Length-WAF RECRUITS (Continued)

ARMY AVIATORS: Foot Length AUSTRALIA: Foot Length

FAA: Foot Length

FRANCE '65: Longueur du pied MONTAGU: Maximum Foot Length NAVY RECRUITS: Foot Length

THAI: Foot Length TUFTS: Foot Length USMC: Foot Length VIETNAM: Foot Length WASP: Foot Length

See Also:

Instep Length

FOOT LENGTH

Reference: WASP

Weight even on both feet. Left foot, maximum contact from heel to great toe (or second, if longer).

Women Pilots	Flying Nurses
N: 445	152
X: 24.30 cm; 9.57 in	24.26 cm; 9.55 in
SD: NDA	NDA
V%: NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Foot Length

ARMY ARMORED: Foot Length

TUFTS: Foot Length

Net Equivalent:

HRDLICKA: Foot Length-putting all his weight on the right limb

MARTIN: Lacuge des belasteten rechten Fusses - [weight of the body is trans-

mitted through the right foot]

WAC: Foot Length-stands on left foot with right foot placed on a stool

Foot Length-WASP (Continued)

Indeterminable:

The reference dimension description does not specify the orientation of the measuring instrument relative to the foot.

ARMY '66: Foot Length

ARMY AVIATORS: Foot Length

ARMY QM: Foot Length
AUSTRALIA: Foot Length
BULGARIA: Length of the Foot

FAA: Foot Length
FOOT: Foot Length

FRANCE '65: Longueur du pied

KOREA: Foot Length

MONTAGU: Maximum Foot Length MORANT: Maximum Foot Length

NATO: Foot Length

NAVY RECRUITS: Foot Length

THAI: Foot Length USAF'50: Foot Length USMC: Foot Length

VIETNAM: Foot Length

WAF RECRUITS: Foot Length

See Also:

Instep Length

FOOT WIDTH

Reference: AUSTRALIA

The greatest measurement across the ball of the foot

N: 3302

 \overline{X} : 9.88 cm; 3.89 in SD: 1.09 cm; 0.43 in

V%: [10.80]

Foot Width-AUSTRALIA (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Foot Breadth-maximum breadth

ARMY ARMORED: Foot Breadth—maximum breadth
ARMY AVIATORS: Foot Breadth—maximum width
HRDLICKA: Foot Breadth—maximum breadth of the foot

KOREA: Foot Breadth—widest part of the foot NATO: Foot Breadth—widest part of the foot

THAI: Foot Breadth—maximum breadth of right foot USAF '50: Foot Breadth—widest part of the foot

USN: Foot Breadth-widest part of the foot

VIETNAM: Foot Breadth—maximum breadth of right foot WAF RECRUITS: Foot Width—widest part of the foot

WASP: Foot Breadth-maximum breadth

Indeterminable:

In the reference dimension description, the orientation of the measuring instrument relative to the foot is not described.

ARMY '66: Ball of Foot Breadth

ARMY QM: Foot Breadth

FAA: Foot Breadth

FOOT: Foot Breadth (Diagonal)
FOOT: Foot Breadth (Horizontal)
FRANCE '65: Largeur du pied

MARTIN: Breite des belasteten rechten Fusses

MONTAGU: Foot Breadth

MORANT: Diagonal Foot Breadth

NAVY RECRUITS: Ball of Foot Breadth

USMC: Ball of Foot Breadth

WAC: Foot Breadth

See Also:

Breadth of Instep

FOOT WIDTH

Reference: WAF RECRUITS

The subject stands with her weight equally distributed on both feet. Her right foot is placed in a special foot measuring box with her heel touching the rear wall of the box and the lateral edge of her instep touching the lateral wall of the box. The longitudinal axis of the foot is parallel to the lateral wall of the box so that the side of the heel is not necessarily in contact with the lateral wall of the box. Locate the widest part of the foot with a block and read the width from the grid on the base of the measuring box.

N: 849

X: 9.09 cm; 3.58 in SD: 0.53 cm; 0.20 in

V%: 5.82

Similar Dimensions:

Equivalent:

AAF: Foot Breadth

ARMY ARMORED: Foot Breadth

KOREA: Foot Breadth NATO: Foot Breadth USAF '50: Foot Breadth USN: Foot Breadth WASP: Foot Breadth

WASP: Foot Bread

Not Equivalent:

ARMY '66: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joint:)

ARMY QM: Foot Breadth-across the metatarsal-phalangeal joints

FAA: Foot Breadth—between the distal extremities of the first and fifth metatarsale

FOOT: Foot Breadth (Diagonal)—diagonal between the prominences of the 1st and 5th metatarso-phalangeal joints

FOOT: Foot Breadth (Horizontal)—between the longitudinal planes defined by the prominences of the 1st and 5th metatarse-phalangeal joints

FRANCE '65: Largeur du pied-[between the widest points at the heads of the first and nifth metatarsals]

MARTIN: Breite des belasteten rechten Fusses—[Straight line distance from the medial metatarsal to the lateral metatarsale of the weight supporting foot]

MONTAGU: Foot Breadth—medial margin of the head of the first metatarsal to the lateral margin of the head of the fifth metatarsal

MORANT: Diagonal Foot Breadth—chord . . . between . . . medial surface of the ball and . . . lateral surface in the region of the fifth metatarso-phalangeal joint

NAVY RECRUITS: Ball of Foot Breadth—between the inner and outer balls of the foot (first and fifth metatarsal-phalangeal joints)

Foot Width-WAF RECRUITS (Continued)

USMC: Ball of Foot Breadth-between the inner and outer balls of the foot

(first and fifth metatarsal-phalangeal joints)

WAC: Foot Breadth-stands on left foot with right foot placed on a stool

Indeterminable:

ARMY AVIATORS: Foot Breadth—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

AUSTRALIA: Foot Width—[Orientation of the measuring instrument and distribution of body weight on the feet are not specified.]

HRDLICKA: Foot Breadth—[Distribution of body weight is not specified.]
THAI: Foot Breadth—[Orientation of the measuring instrument is not specified.]
VIETNAM: Foot Breadth—[Orientation of the measuring instrument is not specified.]

FORE-ARM [LENGTH]

Reference: INDIA

tThe height of the seat $[13\frac{1}{2}$ in - 34.3 cm] is first adjusted by adding to or reducing the number of pieces of wooden blocks $[\frac{1}{2}$ in - 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing† Subject sits back "hard" at the corner, right arm pressed at the board, arm along the art [foreaft] plane of the body, fore-arm at right angle with the palm facing inward, finger stretched, block placed against farther most point of the tip of the finger.

N: 691

 \overline{X} : 54.47 cm; 21.44 in [sic]

SD: 3.13 cm; 1.23 in

V%: [5.75]

Similar Dimensions:

Equivalent:

ARMY ARMORED: Elbow to Finger Tip

Not Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length) - [arm unsupported]

Fore-Arm [Length]-INDIA (Continued)

ARMY AVIATORS: Forearm-Hand Length - [arm unsupported]

ARMY QM: Forearm-Hand Length - [arm unsupported] FAA: Forearm-Hand Length - [arm unsupported] FRANCE '55: Coudée - forearm . . . placed on the table

FRANCE: '65: Longueur olécrane dactylion - [arm unsupported]

JAPAN: Forearm-Hand Length - [arm unsupported] KOREA: Forearm-Hand Length - [arm unsupported]

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length) - [arm unsupported]

THAI: Forearm-Hand Length - [arm unsupported] USAF '50: Forearm-Hand Length - [arm unsupported]

USMC: Elbow-Fingertip Length (Forearm-Hand Length) - [arm unsupported]

USN: Forearm-Hand Length - [arm unsupported]
VIETNAM: Forearm-Hand Length - [arm unsupported]
WAC: Forearm-Hand Length - [arm unsupported]

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon† Measurement taken as the maximum horizontal circumference of the forearm. Left side only.

N: 8512

X: 22.67 cm; 8.92 in SD: 1.69 cm; 0.67 in

V%: [7.45]

Similar Dimensions:

Equivalent:

FAA: Lower Arm Circumference

FRANCE '65: Périmètre maximum de l'avant-bras

Forearm Circumference-WAC (Continued)

Not Equivalent:

ARMY QM: Middle Forearm Circumference - midway between . . . cubital fossa and . . . wrist

ARMY QM: Upper Forearm Circumference - superior border of the tape crosses radiale

GENEVA: Maximum Circumference of the Forcarm - immediately below the joint-level

MARTIN: Groesster Umfang des rechten Unterarmes - [a little below the elbow]

MONTAGU: Maximum Circumference of the Right Forearm - Immediately distal to the elbow joint

NATO: Lower Arm Circumference, Extended - right arm extended . . . circumference . . . at †the level of maximum protrusion of the forearm . . . when . . . arm to a right angle . . . maximum fist.

WASP: Forearm Circumference - halfway between elbow and wrist

Indeterminable:

None

See Also:

Forearm Circumference, Flexed

Women Pilots

FOREARM CIRCUMFERENCE

Flying Nurses

Reference: WASP

Circumference taken halfway between elbow and wrist.

N: 445 X: 19.02 cm; 7.49 in 19.20 cm; 7.56 in SD: NDA NDA V%: NDA NDA

Similar Dimensions:

Equivalent:

ARMY QM: Middle Forearm Circumference

Forearm Circumference-WASP (Continued)

Not Equivalent:

ARMY QM: Upper Forearm Circumferenc: - superior border of the tape crosses radiale

FAA: Lower-Arm Circumference - the maximum circumference of the forearm FRANCE '65: Périmètre maximum de l'avant-bras - [at the level of the most protruding muscles of the forearm.]

GENEVA: Maximum Circumjerence of the Forearm - immediately below the joint-level.

MARTIN: Groesster Umfang des rechten Unterarmes - La little below the elbowl

MONTAGU: Maximum Circumference of the Right Forcarm - Immediately distal to the elbow joint

NATO: Lower Arm Circumference, Extended - right arm extended . . . circumference . . . at †the level of maximum protrusion of the forearm . . . when . . . arm to a right angle . . . maximum fist

WAC: Forearm Circumference - maximum horizontal circumference

Indeterminable:

None

See Also:

Forearm Circumference, Flexed

FOREARM CIRCUMFERENCE, FLEXED

Reference: ARMY '66

Subject stands erect, with his right arm bent, fist clenched, and arm muscles flexed. The maximum circumference of the right forearm is measured at the greatest bulge of the flexed forearm muscles. A steel tape is used.

N: 6682

X: 29.43 cm; 11.59 in

SD: 2.15 cm; 0.85 in

V%: 7.31

Similar Dimensions:

Equivalent:

JAPAN: Lower Arm Circumference (Flexed)

Forearm Circumference, Flexed-ARMY '66 (Continued)

KOREA: Lower Arm Circumference (Flexed)
NATO: Lower Arm Circumference (Flexed)

NAVY RECRUITS: Forearm Circumference, Flexed USAF '50: Lower Arm Circumference (Flexed)

USMC: Forearm Circumference, Flexed USN: Lower Arm Circumference [Flexed]

WAF RECRUITS: Lower Arm Circumference (Flexed)

Not Equivalent:

WOMEN: Forearm Girth - hand and fingers extended

Indeterminable:

None

See Also:

Upper Forearm Circumference

FOREARM CIRCUMFERENCE, FLEXED

Reference: NAVY RECRUITS

Subject stands erect, with his right arm bent, fist clenched, and arm muscles flexed. The maximum circums rence of the right forearm is measured at the greatest bulge of the flexed forearm muscles. A steel tape is used.

N: 4095

X: 28.54 cm; 11.24 in SD: 1.98 cm; 0.78 in

V%: 6.90

Similar Dimensions:

Equivalent:

ARMY '66: Forearm Circumference, Flexed JAPAN: Lower Arm Circumference (Flexed) KOREA: Lower Arm Circumference (Flexed) NATO: Lower Arm Circumference (Flexed) USAF '50: Lower Arm Circumference (Flexed)

USMC: Forearm Circumference, Flexed USN: Lower Arm Circumference [Flexed]

Foreurm Circumference, Flexed-N 1YY RECRUITS (Contnued)

WAF RECRUITS: Lower Arm Circumference (Flexed)

Not Equivalent:

WOMEN: Forearm Girth - hand and fingers extended

Indeterminable:

None

See Also:

Upper Forearm Circumference

FOREARM CIRCUMFERENCE, FLEXED

Reference: USMC

Subject stands erect. with his right arm bent, fist clenched, and arm muscles flexed. The maximum circumference of the right forearm is measured at the greatest bulge of the flexed forearm muscles. A steel tape is used.

N: 2008

X: 29.41 cm; 11.58 in

SD: 1.87 cm; 0.74 in

V%: 6.41

Similar Dimensions:

Equivalent:

ARMY '66: Forearm Circumference, Flexed JAPAN: Lower Arm Circumference (Flexed) KOREA: Lower Arm Circumference (Flexed) NATO: Lower Arm Circumference (Flexed)

NAVY RECRUITS: Forearm Circumference, Flexed

USAF '50: Lower Arm Circumference (Flexed)
USN: Lower Arm Circumference [Flexed]

WAF RECRUITS: Lower Arm Circumference (Flexed)

Not Equivalent:

WOMEN: Forearm Girth - hand and fingers extended

Forearm Circumference, Flexed-USMC (Continued)

Indeterminable:

None

See Also:

Upper Forearm Circumference

FOREARM GIRTH

Reference: WOMEN

Tape. †The subject stood in a normal, erect position, her right arm flexed approximately 90 degrees at the elbow and the hand and fingers extended anteriorly. The upper arm was directed downward perpendicularly to the floor.† The tape, with the zero point directly in front of the measurer, was placed without constriction around the arm at the angle formed when the forearm was flexed at a 90 degree angle to the upper arm. The plane of the girth was perpendicular to the floor. The tape case provided the tension.

N: 10042

X: 24.77 cm; 9.75 in

SD: 2.13 cm; 0.84 in

V%: 8.7

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Forearm Circumference, Flexed - fist clenched JAPAN: Lower Arm Circumference (Flexed) - makes a fist KORFA: Lower Arm Circumference (Flexed) - makes a fist

RONEA: Lower Arm Circumjerence (Flexed) - makes a 115

NATO: Lower Arm Circumference (Flexed) - makes a fist

NAVY RECRUITS: Forearm Circumference, Flexed - fist clenched

USAF '50: Lower Arm Circumference (Flexed) - makes a fist

USMC: Forearm Circumference, Flexed - fist clenched USN: Lower Arm Circumference [Flexed] - makes a fist

WAF RECRUITS: Lower Arm Circumference (Flexed) - makes a fist

Indeterminable:

Lorearm Girth-WOMEN (Continued)

None

See Also:

Upper Forearm Circumference

FOREARM LENGTH

Reference: COMAS

tWith subject in standing position From radiale the uppermost point of the border of the radial cup (with arm hanging loose and palm applied to thigh) to stylion the distalmost point of the styloid process of the radius (sliding caliper).

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Elbow Wrist Length

MARTIN: Laenge des rechten Unterarmes

MONTAGU: Lower Arm Length

Not Equivalent:

NATO: Elbow-Wrist Length - tip of the right elbow to stylion

Indeterminable:

None

FOREARM-HAND LENGTH

Reference: ARMY AVIATORS

The horizontal distance from the right elbow to the end of the middle finger of the right hand.

N: 500

X: 48.34 cm; 19.03 in

SD: 2.18 cm; 0.86 in

V%: [4.51]

Forearm-Hand Length--ARM ' AVIATORS (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Fingertip - elbow against wall INDIA: Fore-arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: ARMY QM

†Subject sits on a table with adjustable foot rest. Subject sits erect with thighs just touching the table and knees at right angles... his right upper arm held against the side, and the forearm held at right angles to it; with fingers extended. Anthropometer held parallel to the axis of the forearm, measure from the posterior point on the olecranon process the projecting process of the ulna at the elbowt to dactylion the tip of the middle finger. Firm Contact.

N: 24354

X: 47.58 cm; 18.73 in SD: 2.23 cm; 0.88 in

V%: [4.68]

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE: '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forear n-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: FAA

The distance from the most posterior point of the elbow to the tip of the longest finger.

Forearm-Hand Length—FAA (Continued)

N: 681

X: 47.95 cm; 18.83 in SD: 2.25 cm; 0.89 in

V%: 4.71

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: JAPAN

Subject sits erect, his right upper arm hanging at his side, his forearm and hand extended horizontally. Using the anthropometer, measure the distance from the tip of the right elbow to the tip of the longest finger.

Forearm-Hand Length-JAPAN (Continued)

N: 211

X: 44.38 cm; 17.47 in SD; 1.78 cm; 0.70 in

V%: 4.00

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARM's QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hund Length VIETNAM: Forearm-Kand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: KOREA

Subject sits erect, his right upper arm hanging at his side, his forearm and hand extended horizontally. Using the anthropometer, measure the distance from the tip of the right elbow to the tip of the longest finger.

Forearm-Hand Length-KOREA (Continued)

N: 264

X: 44.24 cm; 17.42 in

SD: 1.89 cm; 0.74 in

V%: 4.27

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactulion

JAPAN: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length

WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: THAI

†Subject sitting erect on table or bench† With right arm held to form a right angle at elbow and with hand extended, measured as distance from elbow (olecranon process) to tip of middle finger (dactylion).

Forearm-Hand Length-TIIAI (Continued)

N: 2950

X: 45.7 cm; 18.0 in

SD: 2.0 cm; 0.8 in

V%: 4.4

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm - Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: USAF '50

Subject sits erect, his right upper arm hanging at his side, his forearm and hand extended horizontally. Using the anthropometer, measure the distance from the tip of the right elbow to the tip of the longest finger.

Forearm-Hand Length-USAF '50 (Continued)

N: 4059

X: 47.91 cm; 18.86 in SD: 2.07 cm; 0.81 in

V%: 4.41

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Firgertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length
VIETNAM: Forearm-Hand Length
WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Referance: USN

Subject sits erect, his right upper arm hanging at his side, his forearm and hand extended horizontally. Using the anthropometer, measure the distance from the tip of the right elbow to the tip of the longest finger. [USAF '50]

Forearm-Hand Length-USN (Continued)

N: 1549

X: 48.46 cm; 19.08 in SD: 1.90 cm; 0.75 in

V%: 3.92

Similar Dimensions:

Equivalent:

ARMY '66: Elbew-Fingertip Length (Forcarm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forcarm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

VIETNAM: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: VIETNAM

†Subject sitting erect on table or bench† With right arm held to form a right angle at elbow and with hand extended, measured as distance from elbow (olecranon process) to tip of middle finger (dactylion).

Forearm-Hand Length-VIETNAM (Continued)

N: 2129

X: 44.6 cm; 17.6 in

SD: 2.0 cm; 0.8 in

V%: 4.5

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearm-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '55: Coudée

FRANCE: '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forcarm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length WAC: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FOREARM-HAND LENGTH

Reference: WAC

†Subject stands erect with eyes on an imaginary horizon with upper arm parallel to the body and forearm at a right angle to it† fingers extended. †Anthropometer held to the left of the subject, parallel to the floor† Measurement taken from the

Forearm-Hand Length-WAC (Continued)

most posterior point on the left olecranon process to dactylion tine most distal point of the third fingert.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Elbow-Fingertip Length (Forearm-Hand Length)

ARMY AVIATORS: Forearni-Hand Length

ARMY QM: Forearm-Hand Length

FAA: Forearm-Hand Length

FRANCE '35: Coudée

FRANCE '65: Longueur olécrane dactylion

JAPAN: Forearm-Hand Length KOREA: Forearm-Hand Length

NAVY RECRUITS: Elbow-Fingertip Length (Forearm-Hand Length)

THAI: Forearm-Hand Length USAF '50: Forearm-Hand Length

USMC: Elbow-Fingertip Length (Forearm-Hand Length)

USN: Forearm-Hand Length VIETNAM: Forearm-Hand Length

Not Equivalent:

ARMY ARMORED: Elbow to Finger Tip - elbow against wall INDIA: Fore-Arm [Length] - right arm pressed at the board

Indeterminable:

None

See Also:

Elbow to Center of Grip

FULL BACK LENGTH

Reference: AUSTRALIA

Measured from the nape of the neck to the natural waist at the line of greatest suppression, then to a line 2 inches below the fork.

Full Back Length—AUSTRALIA (Continued)

N: 2236

X: 74.03 cm; 29.15 in SD: 4.62 cm; 1.82 in

V%: [6.24]

Similar Dimensions:

None

See Also:

Trunk Height

FUNCTIONAL REACH

Reference: ARMY '66

Subject stands erect against a wall, with his right arm extended forward horizontally, and with the tips of his thumb and index finger pressed together; his shoulders must remain in contact with the wall. Functional reach is measured as the horizontal distance from the wall to the tip of the thumb. An anthropometer is used.

N: 6680

X: 82.60 cm; 32.52 in

SD: 4.85 cm; 1.91 in

V%: 5.87

Similar Dimensions:

Equivalent:

KOREA: Functional Reach NATO: Functional Reach

NAVY RECRUITS: Functional Reach

USAF '50: Functional Reach USMC: Functional Reach USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as possible

Functional Reach-...RMY '66 (Continued)

Indeterminable:

None

See Also:

Anterior Arm Reach
Arm Reach From Wall

FUNCTIONAL REACH

Reference: FAA

†The subject stands with his back to the wall, thrusting his right shoulder as far forward as possible with his right arm and hand extended horizontally† fore-finger and thumb are opposed and the distance from the wall to the tip of the thumb is recorded.

N: 681

X: 87.26 cm; 34.36 in SD: 4.56 cm; 1.80 in

V%: 5.22

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Functional Reach - shoulders must remain in contact with the wali

KOREA: Functional Reach - shoulders presented against the rear wall NATO: Functional Reach - right shoulder related and touching wall

NAVY RECRUITS: Functional Reach - shoulders must remain in contact with the wall

USAF '50: Functional Reach - shoulders pressed against the rear wall USMC: Functional Reach - shoulders must remain in contact with the wall.

USN: Functional Reach - right shoulder relaxed and touching wall

Indeterminable:

None

Functional Reach-FAA (Continued)

See Also:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Reference: KOREA

Subject stands erect in a corner of the seem. his shoulders pressed against the rear wall, his right arm and hand extended horizontally along the side wall, except that the tips of his thumb and forefuger are pressed together. Using the scale on the side wall, measure the distance from the rear wall to the tip of the thumb.

N: 264

X: 69.29 cm; 27.28 in

SD: 4.21 cm; 1.66 in

V%: 6.07

Similar Dimensions:

Equivalent:

ARMY '66: Functional Reach

NATO: Functional Reach

NAVY RECRUITS: Functional Reach USAF '50: Functional Reach

USMC: Functional Reach
USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as possible

Indeterminable:

None

See Also:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Reference: NATO

Subject stands erect, his back against a wall, his right arm extended forward parallel to the floor, the tip of his index finger touching the tip of his extended thumb, the thumb in the plane of the extended arm, and his right shoulder relaxed and touching the wall. Using the anthropometer, measure the horizontal distance from the wall to the tip of the thumb.

Turkey	Greece	Italy
N: 893	1084	1358
X: 75.58 cm; 29.76 in	75.66 cm; 29.79 in	75.32 cm; 29.65 in
SD: 3.55 cm; 1.40 in	3.35 cm; 1.32 in	3.72 cm; 1.46 in
V%: 4.70	4.43	4.93

Similar Dimensions:

Equivalent:

ARMY '66: Functional Reach KOREA: Functional Reach

NAVY RECRUITS: Functional Reach

USAF '50: Functional Reach USMC: Functional Reach USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as pos-

Indeterminable:

See Also:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Reference: NAVY RECRUITS

Functional Reach-NAVY RECRUITS (Continued)

Subject stands erect against a wall, with his right arm extended forward horizontally, and with the tips of his thumb and index finger pressed together; his shoulders must remain in contact with the wall. Functional reach is measured as the horizontal distance from the wall to the tip of the thumb. An anthropometer is used.

N: 4069

X: 81.48 cm; 32.03 in SD: 4.64 cm; 1.83 in

V%: 5.71

Similar Dimensions:

Equivalent:

ARMY '66: Functional Reach KOREA: Functional Reach NATO: Functional Reach USAF '50: Functional Reach USMC: Functional Reach USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as pos-

Indeterminable:

None

Sea Alzo:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Reference: USAF '50

Subject stands erect in a corner of the room, his shoulders pressed against the rear wall, his right arm and hand extended horizontally along the side wall, except that the tips of his thumb and forefinger are pressed together. Using the scale on the side wall, measure the distance from the rear wall to the tip of the

Functional Reach—USAF '50 (Continued)

thumb.

N: 4053

X: 82.12 cm; 32.33 in SD: 4.14 cm; 1.63 in

V%: 5.04

Similar Dimensions:

Equivalent:

ARMY '66: Functional Reach KOREA: Functional Reach NATO: Functional Reach

NAVY RECRUITS: Functional Reach

USMC: Functional Reach USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thru ting his right shoulder as far forward as possable

Indeterminable:

None

See Also:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Raference: USMC

Subject stands erect against a wall, with his right arm extended forward horizontally, and with the tips of his thumb and index finger pressed together; his shoulders must remain in contact with the wall. Functional reach is measured as the horizontal distance from the wall to the tip of the thumb. An anthropometer is used.

N: 2008

X: 80.34 cm; 31.63 in

SD: 4.80 cm; 1.89 in

V%: 5.97

Functional Reach-USMC (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Functional Reach KOREA: Functional Reach NATO: Functiona: Reach

NAVY RECRUITS: Functional Reach

USAF '50: Functional Reach USN: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as possible

Indeterminable:

None

See Also:

Anterior Arm Reach Arm Reach From Wall

FUNCTIONAL REACH

Reference: USN

Subject stands erect, his back against a wall, his right arm extended forward parallel to the floor, the tip of his index finger touching the tip of his extended thumb, the thumb in the plane of the extended arm, and his right shoulder relaxed and touching the wall. Using the anthropometer, measure the horizontal distance from the wall to the tip of the thumb.

N: 1549

X: 80.03 cm; 31.51 in

SD: 3.61 cm; 1.42 in

V%: 4.51

Similar Dimensions:

Equivalent:

Functional Reach-USN (Continued)

ARMY '66: Functional Reach KOREA: Functional Reach NATO: Functional Reach

NAVY RECRUITS: Functional Reach

USAF '50: Functional Reach USMC: Functional Reach

Not Equivalent:

FAA: Functional Reach - thrusting his right shoulder as far forward as pos-

Indeterminable:

None

See Also:

Anterior Arn. is each Arm Reach From Wall

GANZE ARMLAENGE RECHTS [TOTAL ARM LENGTH, RIGHT]

Reference: MARTIN

Geradlinige Entfernung des Akromion tderjenige Punkt des Seitenrandes des Processus acromialis des Schulterblattes, der bei aufrechter Koerperhaltung und haengendem Arm am meisten seitlich gelegen istt vom Daktylion tderjenige Punkt am Vorderrand der Fingerbeere des Mittelfingers, der bei haengendem Arm am tiefsten gelegen istt der haengenden, gestreckten rechten oberen Extremitael. Stangenzirkel.

[Straight line distance from the acromion that point on the lateral edge of the acromial process of the scapula which is located most laterally if the posture is erect and the arm is hanging to dactylion that point on the tip of the middle finger which is lowest if the arm hangs downt of the hanging, stretched, right upper extremity. Beam Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

MONTAGU: Total Upper Extremity Length

Not Equivalent:

ARMY QM: Arm Length - acromiale †most lateral point on the superior surface† to dactylion

COMAS: Total Upper Extremity Length - acromiale †most distal point, palpable from above to dactylion

MARTIN: Armlaenge rechts ohne Hand - [acromion fon the lateral edgef to stylion]

MONTAGU: Total Arm Length - acromiale †most lateral projection of the lateral border† to stylion

WASP: Arm Length - top of clavicle to the tip of the middle finger

WOMEN: Total Posterior Arm Length, Right - right fist was placed on her hip . . . tape was passed over the olecranon

Indeterminable:

In the following, acromion is not defined.

BULGARIA: Length of the Arm

FRANCE '65: Longueur acromis-dactylion

GANZE KOPFHOEHE [TOTAL HEAD HEIGHT]

Reference: MARTIN

Projektivische Entsernung des Scheitels vom Gnathion †derjenige Punkt des Unterrandes des Unterkiefers, der in der Mediansagittal-Ebene am meisten nach unten vorragt. Gemeint ist ein Punkt des knoechernen Unterkiefers, der von unten her palpiert werden kann und natuerlich weiter zurueckliegt als die vordere Hautbegrenzung des Kinnes†... Man ... orientiert den Kops in die Ohraugenebene...

[Projected distance from the vertex to gnathion fthat point on the lower edge of the mandible which protrudes most inferiorly in the midsagittal plane. This is the point on the bony jaw which can be palpated from below and whic of course, is more recessed than the forward skin surface of the chint. ... cne positions the head in the ear-eye plane...]

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Head Height - from tragion to mid-longitudinal line on top of head ARMY '66: Head Height (Tragion-Vertex Height) - from . . . (tragion) . . . to the top of the head (vertex)

ARMY ARMORED: Head Height - from tragion to mid-longitudinal line on top of head

ARMY AVIATORS: Head Height - from the notch (tragion) . . . to the top of the head

ARMY QM: Head Height - between porion . . . and apex

COMAS: Height of the Head - from the vertex to the tragion

HRDLICKA: Height of the Head - from the middle of the line connecting the floor of the 2 auditory canals, to bregma

KOREA: Head Height (Tragion to Vertex) - from . . . (tragion) . . . to the highest point of the head

MARTIN: Ohrhoehe des Kopfes - [from tragion to bregma]

MARTIN-SALLER: Ohrhoehe des Kopfes - [from tragion to vertex]

MONTAGU: Head Height - [from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête - [from] vertex [to] the superior border of the auditory opening]

Ganze Kopfhoehe [Total Head Height]-MARTIN (Continued)

NATO: Tragion-to-Vertex Height - vertical distance from tragion to vertex NAVY RECRUITS: Head Height (Tragion-Vertex Height) - from . . . (tragion)

... to the top of the head (vertex)

THAI: Head Height - from . . . (tragion) to top of head (vertex)

TUFTS: Head Height - from tragion . . . to mld-longitudinal line on top of head

USAF '50: Head Height (Tragion to Vertex) - vertical distance from . . . (tragion) . . . to the highest point of the head

USMC: Head Height (Tragion-Vertex Height) - from . . . (tragion) . . . to the top of the head (vertex)

USN: Head Height - vertical distance from tragion to vertex

VIETNAM: Head Height - from . . . (tragion) to top of head (vertex)

WAC: Head Height - from apex . . . to the center of tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

GIRTH OF CALF

Reference: HRDLIČKA

Maximum circumference of calf. The left foot is placed on a bench . . . and it is brought forward so that the leg forms a little larger than a right angle with the thigh.... The tape . . . is then applied somewhat above the maximum bulge of the leg, is brought snugly around but not tightly enough to cause impression . . . then moved somewhat lower . . . and the process is repeated until the maximum girth has been determined.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

In all of the following references, the subject is free standing, leg straight.

Girth Of Calf-HRDLICKA (Continued)

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Caif Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Férimètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference

MARTIN: Grocsster Umfang des rechten Unterschenkels

NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Indeterminable:

None

GLABELLA - TO - VERTEX HEIGHT

Reference: NATO

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the midsagittal plane when the head is held in the Frankfort planet of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the vertical distance from the glabella landmark the most anterior point of the forehead between the brow ridges, in the midsagittal planet to vertex.

Turkey	Greece	Italy
N: 687	1034	1358
X: 8.76 cm; 3.45 in	9.13 cm; 3.59 in	8.56 cm; 3.37 in
SD: 0.92 cm; 0.36 in	0.80 cm; 0.31 in	0.77 cm; 0.30 in
V%: 10.51	8.80	9.03

Glabella-To-Vertex Height-NATO (Continued)

Similar Dimensions:

None

See Also:

Glabella-to-Wall Distance

GLABELLA-TO-WALL DISTANCE

Reference: NATO

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the midsagittal plane when the head is in the Frankfort plane; of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the horizontal distance from the glabella landmark the most anterior point of the forehead between the brow ridges, in the midsagittal plane; to the wall.

Turkey	Greece	Italy
N: 687 X: 18.85 cm; 7.42 in SD: 0.73 cm; 0.23 in	1084 19.13 cm; 7.53 in 0.68 cm; 0.27 in	1358 19.80 cm; 7.80 in 0.67 cm; 9.26 in
V%: 3.89 cm;	3.55	. 3.39

Similar Dimensions:

None

See Alze:

Glabella-to-Vertex Distance

GLUTEAL ARC

Reference: KOREA

Subject stands. Using the tape, measure the surface arc over the right butteck from the gluteal furrow to the line the natural waistline, the level of greatest lateral indentation in the region of the aboment marked on the waist directly

Gluteal Arc-KOREA (Continued)

over the buttock.

N: 264

X: 26.64 cm; 10.49 in SD: 2.46 cm; 0.97 in

V%: 9.22

Similar Dimensions:

Equivalent:

USAF '50: Gluteal Arc USN: Gluteal Arc

Not Equivalent:

WAF RECRUITS. Gluteal Arc - [waist mark between omphalion and level of greatest indentation of waist]

Indeterminable:

None

GLUTEAL ARC

Reference: USAF '50

Subject stands. Using the tape, measure the surface arc over the right buttock from the gluteal furrow to the line the natural waistline, the level of greatest lateral indentation in the region of the abdoment marked on the weist directly over the buttock.

N: 4057

X: 29.75 cm; 11.71 in SD: 2.33 cm; 0.92 in

V%: 7.83

Similar Dimensions:

Equivalent:

KOREA: Gluteal Arc USN: Gluteal Arc

Gluteal Arc-USAF '50 (Continued)

Not Equivalent:

WAF RECRUITS: Gluteal Arc - [waist mark between omphalion and level of greatest indentation of the waist]

Indeterminable:

None

GLUTEAL ARC

Reference: USN

Subject stands. Using the tape, measure the surface arc over the right buttock from the gluteal furrow to the line *ithe natural waistline*, the level of greatest lateral indentation in the region of the abdoment marked on the waist directly over the buttock.

N: 1549

 \overline{X} : 27.71 cm; 10.91 in

SD: 1.99 cm; 0.78 in

V%: 7.19

Similar Dimensions:

Equivalent:

KOREA: Gluteal Arc USAF '50: Gluteal Arc

Not Equivalent:

WAF RECRUITS: Gluteal Arc - [waist mark between omphalion and level of greatest indentation of waist]

Indeterminable:

None

GLUTEAL ARC

Reference: WAF RECRUITS

Gluteal Arc-WAF RECRUITS (Continued)

Subject stands. Measure the surface arc over the right buttock from the marked line [not defined but sketch indicates waist mark between omphalion and level of greatest indentation of waist] on the waist to the gluteal furrow with the tape in a vertical plane.

N: 839

 \overline{X} : 29.08 cm; 11.45 in SD: 2.34 cm; 0.92 in

V%: 8.04

Similar Dimensions:

Equivalent:

None

Not Equivalent:

KOREA: Gluteal Arc - the level of greatest lateral indentation USAF '50: Gluteal Arc - the level of greatest lateral indentation USN: Gluteal Arc - the level of greatest lateral indentation

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: FAA

Vertical distance from the lowest point of the transverse buttock crease [to the floor].

N: 678

X: 79.69 cm; 31.37 in SD: 4.24 cm; 1.67 in

V%: 5.32

Similar Dimensions:

Equivalent:

KOREA: Gluteal Furrow Height NATO: Gluteal Furrow Height

Gluteal Furrow Height-FAA (Continued)

USAF '50: Gluteal Furrow Height USN: Gluteal Furrow Height

WAF RECRUITS: Gluteal Furrow Height

Not Equivalent:

None

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: KOREA

Subject stands erect. Using the anthropometer, measure the vertical distance from the floor to the lowest point where the buttock curve and the back of the thigh join.

N: 264

X: 73.01 cm; 28.75 in SD: 3.33 cm; 1.31 in

V%: 4.57

Similar Dimensions:

Equivalent:

FAA: Gluteal Furrow Height NATO: Gluteal Furrow Height USAF '50: Gluteal Furrow Height USN: Gluteal Furrow Height

WAF RECRUITS: Gluteal Furrow Height

Not Equivalent:

None

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: NATO

Subject stands erect. Using the anthropometer, measure the vertical distance from the standing surface to the furrow where the gluteal curve intersects the back of the thigh.

Turkey	Greece	Italy
N: 915	1084	1358
X: 76.08 cm; 29.95 in	76.00 cm; 29.92 in	76.85 cn1; 30.26 in
SD: 3.67 cm; 1.48 in	3.75 cm; 1.48 in	4.32 cm; 1.70 in
V%: 4.82	4.93	5.62

Similar Dimensions:

Equivalent:

FAA: Gluteal Furrow Height KOREA: Gluteal Furrow Height USAF '50: Gluteal Furrow Height USN: Gluteal Furrow Height

WAF RECRUITS: Gluteal Furrow Height

Not Equivalent:

None

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: USAF '50

Subject stands erect. Using the anthropometer, measure the vertical distance from the floor to the lowest point where the buttock curve and the back of the thigh join.

N: 4063

X: 80.18 cm; 31.57 in SD: 4.12 cm; 1.62 in

V%: 5.14

Gluteal Furrow Height-USAF '50 (Continued)

Similar Dimensions:

Equivalent:

FAA: Gluteal Furrow Height KOREA: Gluteal Furrow Height NATO: Gluteal Furrow Height USN: Gluteal Furrow Height

WAF RECRUITS: Gluteal Furrow Height

Not Equivalent:

None

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: USN

Subject stands erect. Using the anthropometer, measure the vertical distance from the standing surface to the furrow where the glutcal curve intersects the back of the thigh.

N: 1549

 \overline{X} : 81.30 cm; 32.01 in SD: 4.00 cm; 1.57 in

V%: 4.92

Similar Dimensions:

Equivalent:

FAA: Gluteal Furrow Height KOREA: Gluteal Furrow Height NATO: Gluteal Furrow Height USAF '50: Gluteal Furrow Height

WAF RECRUITS: Gluteal Furrow Height

Not Equivalent:

None

Gluteni Furrow Height-USN (Continued)

Indeterminable:

None

GLUTEAL FURROW HEIGHT

Reference: WAF RECRUITS

Subject stands. Measure from the floor to the lowest point of the gluteal furrow below the right buttock with the anthropometer.

N: 848

X: 74.29 cm; 29.25 in

SD: 4.00 cm; 1.58 in

V%: 5.39

Similar Dimensions:

Equivalent:

FAA: Gluteal Furrow Height KOREA: Gluteal Furrow Height NATO: Gluteal Furrow Height USAF '59: Gluteal Furrow Height USN: Gluteal Furrow Height

Not Equivalent:

None

Indeterminable:

None

GRANDE ENVERGURE [TOTAL SPAN]

Reference: FRANCE '65

Sujet debout, au garde à vous, les deux bras étendus latéralement perpendiculairement au corps. Distance entre les extrêmités des médius.

[The subject stands at attention, the two arms extended laterally and perpendicular to the body. Distance between the ends of the middle fingers.]

Grande Envergure [Total Span]—FRANCE '65 (Continued)

Military Fighter Pilots	Military Transport Pilots	Civilian Transport Pilots
N: 220	450	150
X: 178.89 cm; 70.42 in	178.72 cm; 70.36 in	179.31 cm; 70.59 in

SD: 6.75 cm; 2.65 in 6.73 cm; 2.66 in 6.03 cm; 2.39 in V%: 3.77 3.33

3.79

Similar Dimensions:

Equivalent:

AAF: Total Span

ARMY ARMORED: Total Span

FAA: Arm Span GENEVA: Span

HRDLICKA: Finger Reach INDIA: Maximum Span

KOREA: Span

MARTIN: Spannweite der Arme

MONTAGU: Spon TUFTS: Total Span USAF '50: Span

Not Equivalent:

None

Indeterminable:

None

See Also:

Span Akimbo

GREAT TROCHANTER [HEIGHT]

Reference: GENEVA

†The subject stands erect on a horizontal and resisting plane surface . . .: no support is to be given by a vertical plane: the upper limbs are pendant, the palms of the hands turned inwards, and the fingers pointed vertically downwards, the heels in contact, and the axis of vision horizontal; Anatomical landmark: upper

Great Trochanter [Height]-GENEVA (Continued)

border of the great trochanter. †[T]he height of the anatomical landmark above the ground is to be determined.†

No Data Available

Similar Dimensions:

Equivalent:

MARTIN: Hoehe des rechten grossen Rollhuegels ueber dem Boden

MONTAGU: Right Trochanterion Height

NATO: Trochanteric Height

Not Equivalent:

WAC: Hip Height - most lateral point on the greater trochanter of the femur WOMEN: Hip Height - at the most prominent bony point in the region of the trochanter major

Indeterminable:

None

See Also:

Right Iliospinale Height

GRIP BREADTH; INSIDE

Reference: HAND

Subject holds a cone around the largest circumference that he can grasp with his thumb and middle finger just touching. Record the diameter of the cone corresponding to this maximum circumference.

N: 27

 \overline{X} : 4.87 cm; 1.92 in

SD: 0.41 cm; 0.15 in

V%: 8.33

Similar Dimensions:

Equivalent:

Crip Breadth; Inside-HAND (Continued)

KOREA: Grip Diameter (Inside) USAF '50: Grip Diameter (Inside)

Not Equivalent:

None

Indeterminable:

None

GRIP BREADTH; OUTSIDE

Reference: HAND

Subject holds a cone at the largest circumference that he can grasp with his thumb and middle finger just touching. Using the sliding caliper, measure from the interphalangeal joint of the thumb to the knuckle of the middle finger.

N: 27

X: 10.57 cm; 4.15 in

SD: 0.76 cm; 0.30 in

V%: 7.23

Similar Dimensions:

Equivalent:

KOREA: Grip Diameter (Outside) USAF '50: Grip Diameter (Outside)

Not Equivalent:

None

Indeterminable:

None

GRIP DIAMETER (INSIDE)

Reference: KOREA

Grip Diameter (Inside)—KOREA (Continued)

Subject holds a cone around the largest circumference that he can grasp with his thumb and middle finger just touching. Record the diameter of the cone corresponding to this maximum circumference.

N: 264

X: 4.76 cm; 1.87 in SD: 0.26 cm; 0.10 in V%: 0.55 [sic] [5.46]

Similar Dimensions:

Equivalent:

HAND: Grip Breadth; Inside USAF '50: Grip Diameter (Inside)

Not Equivalent:

None

Indeterminable:

None

GRIP DIAMETER (INSIDE)

Reference: USAF '50

Subject holds a cone around the largest circumference that he can grasp with his thumb and middle finger just touching. Record the diameter of the cone corresponding to this maximum circumference.

N: 4062

X: 4.82 cm; 1.90 in SD: 0.34 cm; 0.14 in

V%: 7.12

Similar Dimensions:

Equivalent:

HAND: Grip Breadth; Inside KOREA: Grip Diameter (Inside)

Grip Diameter (Inside)-USAF '50 (Continued)

Not Equivalent:

None

Indeterminable:

None

GRIP DIAMETER (OUTSIDE)

Reference: KOREA

Subject holds a cone at the largest circumference that he can grasp with his thumb and middle finger just touching. Using the sliding caliper, measure from the joint of the first and second phalanges of the thumb to the knuckle of the middle finger (metacarpal-first phalanx joint).

N: 264

X: 9.77 cm; 3.85 in

SD: 0.49 cm; 0.19 in

V%: 0.08 [Sic] [5.02]

Similar Dimensions:

Equivalent:

HAND: Grip Ercadth; Outside USAF '59: Grip Diameter (Outside)

Not Equivalent:

None

Indeterminable:

None

GRIP DIAMETER (OUTSIDE)

Reference: USAF '50

Subject holds a cone at the largest circumference that he can grasp with his thumb and middle finger just touching. Using the sliding caliper, measure from

Grip Diameter (Outside)—USAF '50 (Continued)

the joint of the first and second phalanges of the thumb to the knuckle of the middle finger (metacarpal-first phalanx joint).

N: 4063

X: 10.39 cm; 4.09 in SD: 0.53 cm; 0.21 in

V%: 5.07

Similar Dimensions:

Equivalent:

HAND: Grip Breadth; Outside KOREA: Grip Diameter (Outside)

Not Equivalent:

None

Indeterminable:

None

GROESSTE BREITE DES KOPFES [HEAD BREADTH]

Reference: MARTIN

Geradlinige Entfernung der beiden Eurya †derjenige Punkt an der Seitenwund des Kopfes, der am meisten seitwaerts vorragt† voneinander, d.h. groesste Breite senkrecht zur Mediansagittal-Ebene, wo sie zich findet. Tasterzirkel. Die Messpunkte muessen in einer Horizontal- und Frontal-Ebene liegen.

[Straight line distance between both Eurya fthat point on the side of the head which protrudes most laterally, that is the maximum breadth perpendicular to the mid-sagittal plane, wherever it is found. Spreading Caliper. The landmarks must be in the same horizontal and frontal planes.]

No Data Available

Similar Dimensions:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth

Groesste Breite des Kopfes [Hend Brendth]-MARTIN (Continued)

COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDIJICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

GROESSTE BREITE ZWISCHEN DEN DARMBEINKAEMMEN [MAXIMUM BI-CRISTAL BREADTH]

Reference: MARTIN

Geradlinige Entfernung der beiden Iliocristalia: †derjenige Punkt der Crista iliaca, der bei aufrechter Koerperhaltung am meisten seitlich vorspring† voneinander. Strangenzirkel. Das Mass wird also aussen am Beckenkamm (d.li. am Labium externum der Crista iliaca) gemessen und das Instrument leicht angedruckt.

[Straight line distance between both iliocristalia †that point on the iliac crest thich protrudes most laterally when standing erect. Beam Caliper. The measurement is taken laterally on the pelvic rim (that is, on the external lip of the iliac crest) with slight pressure on the instrument.]

No Data Available

Groesste Breite zwischen den Darmbeinkaemmen [Maximum Bi-Cristal Breadth]—MARTIN (Continued)

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Bi-iliac - A firm pressure dimension

ARMY ARMORED: Bi-iliac - A firm pressure dimension

ARMY QM: Bi-Iliac - Pressure

HRDLICKA: Breadth of Pelvis - sufficient pressure to feel bone

TUFTS: Bi-iliac - A firm pressure dimension WASP: Bi-iliac - A firm pressure dimension

Indeterminable:

In the following references pressure is not specified.

BULGARIA: Bicristal Breadth COMAS: Bi-lliac or Pelvic Breadth GENEVA: Bi-Cristal Diameter

MONTAGU: Bi-Iliac or Pelvic Breadth

See Also:

Bi-Spinal Diameter Bi-Trochanteric Breadth - Bone Hip Breadth

GROESSTE LAENGE DES KOPFES [HEAD LENGTH]

Reference: MARTIN

Geradlinige Entfernung der Glabella †diejenige Erhebung im unteren Teil der Stirn, die oberhalb der Nasenwurzel und zwischen den haerenen Augenbrauen gelegen ist. Als Messpunkt dient der in der Median-Sagittal-Ebene am meisten vorspringende Punkt† vom Opistorkranion, d.h. von dem am meisten hervorragenden Punkt des Hinterhauptes in der Median-Sagittal-Ebene. Tasterzirkel.

[Straight line distance from glabella †that protrusion in the lower part of the forehead which is situated above the nasal root and between the bony brows. As the measuring point the most forward protruding point in the mid-sagittal planet

Groesste Laenge des Kopfes [Head Length]-MARTIN (Continued)

to opistrocranion, that is from the most protrusive point of the back of the head in the mid-sagittal plane. Spreading Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête

MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length
TUFTS: Head Length
VIETNAM; Head Length
WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length - without regard to the midline posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line. They are, therefore, considered *Not Equivalent*.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maxi-

mum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length - [landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

GROESSTER UMFANG DES RECHTEN OBERARMES BEI BEUGUNG [MAXIMUM CIRCUMFERENCE OF THE FLEXED RIGHT UPPER ARM]

Reference: MARTIN

†Das Bandmass wird an der Stelle der staerksten Vorwoelbung des M. biceps . . . um den . . . Arm gelegt† bei stark gebeugtem Arm, d.h. bei moeglichster Kontraktion des M. biceps. Der Ellbogen ist dabei nach aussen gerichtet.

[†The tape is placed . . . around the . . . arm† at the maximum protrusion of the biceps muscle with the arm strongly bent, that is at the greatest contraction of the biceps muscle. The elbow is extended laterally.]

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Biceps Circumference, Flexed BULGARIA: Biceps Circumference Flexed

GENEVA: Circumference of the Upper Arm [Biceps Flexed]

JAPAN: Biceps Circumference (Flexed) KOREA: Biceps Circumference (Flexed) NATO: Biceps Circumference, Flexed

NAVY RECRUITS: b. eps Circumference (Flexed)

USAF '50: Biceps Circumference (Flexed)
USMC: Biceps Circumference (Flexed)

USN: Biceps Circumference-Flexed

WAF RECRUITS: Biceps Circumference (Flexed)

Not Equivalent:

THOUSAND AVIATORS: Biceps Contracted [Circumference] - midpoint of the arm between the right acromial process and olecranon.

Indeterminable:

None

See Also:

Biceps Circumference, Relaxed

GROESSTER UMFANG DES RECHTEN OBERARMS BEI STRECKUNG [RIGHT BICEPS CIRCUMFERENCE, EXTENDED]

Reference: MARTIN

Das Bandmass wird an der Stelle der staerksten Vorwoelbung des M. biceps horizontal um den haengenden Arm gelegt.... Der Muskel darf nicht kontrahiert werden.

[The tape is placed horizontally around the hanging arm at the maximum protrusion of the biceps muscle.... The muscle must not be contracted.]

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Biceps Circumference Extended

FAA: Upper-Arm Circumference

GENEVA: Circumference of the Upper Arm

MONTAGU: Maximum Circumference of the Right Arm

WASP: Upper Arm Circumference

Not Equivalent:

ARMY '66: Biceps Circumference, Relaxed - midway between the shoulder and the elbow

ARMY QM: Lower Upper Arm Circumference - one half inch above the maximum prominence of the entepicondylar process

ARMY QM: Middle Upper Arm Circumference - midway between the axilla and the . . . cubital fossa

FRANCE '65: Périmètre maximum du membre supérieur - [at the inferior insertion of the deltoid muscle]

NAVY RECRUITS: Biceps Circumference, Relaxed - midway between the shoulder and the elbow

NATO: Biceps Circumference, Extended - at the landmark † maximum protrusion of the biceps muscle . . . elbow to a right angle . . . tenses the biceps

THAI: Upper Arm Circumference - mid-way between shoulder and elbow

THOUSAND AVIATORS: Biceps Resting [Circumference] - midpoint . . . between the right acromial process and olecranon

USMC: Biceps Circumference, Relaxed - midway between the shoulder and the elbow

VIETNAM: Upper Arm Circumference - mid-way between shoulder and elbow WAC: Upper Arm Circumference - midway between the shoulder and elbow

Groesster Umfang des rechten Oberarms bei Streckung [Right Biceps Circumference, Extended]—MARTIN (Continued)

Indeterminable:

None

See Also:

Biceps Circumference, Flexed

GROESSTER UMFANG DES RECHTEN OBERSCHENKELS [RIGHT THIGH CIRCUMFERENCE]

Reference: MARTIN

Das Bandmass wird bei leicht gespreizten Beinen (die Fersen ca. 5-10 cm voneinander entfernt), an der Stelle der staerksten medialen Ausladung der Muskulatur unterhalb der Nates, nicht in die Glutaealfalte selbst, horizontal um den rechten Oberschenkel gelegt.

[With the legs slightly apart (heels about 5-10 cm apart), the tape is placed horizontally around the right thigh at the greatest medial protrusion of the muscles below the crotch but not in the gluteal furrow.]

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Thigh Circumference WOMEN: Thigh Girth, Maximum

Not Equivalent:

AAF: Thigh Circumference - halfway between crotch and knee

ARMY '66: Upper Thigh Circumference - just below the gluteat furrow ARMY QM: Crotch Thigh Circumference - through the gluteal fold

ARMY QM: Middle Thigh Circumference - midway between . . . crotch and

FAA: Thigh Circumference - juncture of the upper one-third and distal two-thirds

FRANCE '65: Périmètre maximum de la cuisse - [just below the gluteal furrow]

GENEVA: Maximum Circumference of the Thigh - at the level of the gluteal

Groesster Umfang des rechten Oberschenkels [Right Thigh Circumference]—MARTIN (Continued)

fold

JAPAN: Thigh Circumference - just below . . . the gluteal furrow KOREA: Thigh Circumference - just below . . . the gluteal furrow

MONTAGU: Maximum Circumference of the Right Thigh - tape in gluteal fold

NATO: Upper Thigh Circumference - as high in the crotch as possible

NAVY RECRUITS: Upper Thigh Circumference - just below the gluteal furrow

THAI: Crotch-Thigh Circumference - just below . . . (gluteal furrow)
USAF '50: Thigh Circumference - just below . . . the gluteal furrow
USMC: Upper Thigh Circumference - just below the gluteal furrow
USN: Upper Thigh Circumference - as high in the crotch as possible
VIETNAM: Crotch-Thigh Circumference - just below . . . (gluteal furrow)

WAC: Mid Thigh Circumference - in the glueteal furrow WAC: Thigh Circumference at Crotch - in the gluteal fold

WAF: Thigh Circumference - as high up as possible in the crotch, without including any buttock

WASP: Thigh Circumference - halfway between crotch and knee

WOMEN: Midway Thigh Girth - halfway between . . . the trochanter major and tibiale

Indeterminable:

None

See Also:

Lower Thigh Circumference Upper Thigh Circumference, Sitting

GROESSTER UMFANG DES RECHTEN UNTERARMES [MAXIMUM RIGHT FOREARM CIRCUMFERENCE]

Reference: MARYIN

Das Bandmass wird an der Stelle der staerksten Ausladung wenig unterhalb des Ellenbogengelenkes horizontal um den haengenden Arm gelegt. Die Hand soll gestreckt und nicht zur Faust geballt werden.

[The tape is wrapped horizontally around the hanging arm at the greatest protrusion, a little below the elbow. The hand shall be extended and not clenched.]

No Data Available

Groesster Umfang des rechten Unterarmes [Maximum Right Forearm Circumference]—MARTIN (Continued)

Similar Dimensions:

Equivalent:

GENEVA: Maximum Circumference of the Forearm

MONTAGU: Maximum Circumference of the Right Forearm

Not Equivalent:

ARMY QM: Middle Forearm Circumference - midway between cubital fossa and . . . wrist

ARMY QM: Upper Forearm Circumference - superior border of the tape crosses radiale

FAA: Lower-Arm Circumference - the maximum circumference of the forearm

FRANCE '65: Périmètre maximum de l'avant-bras - [at the level of the most protruding muscles of the forearm]

NATO: Lower Arm Circumference, Extended - right arm extended . . . circumference . . . at the level of maximum protrusion of the forearm . . . when . . . arm to a right angle . . . maximum fist

WAC: Forearm Circumference - maximum horizontal circumference WASP: Forearm Circumference - halfway between elbow and wrist

Indeterminable:

None

See Also:

Forearm Circumference, Flexed

GROESSTER UMFANG DES RECHTEN UNTERSCHENKELS [RIGHT CALF CIRCUMFERENCE]

Reference: MARTIN

Das Bandmass wird an der Stelle der staerksten Ausladung der Wadenmuskulatur horizontal um den Unterschenkel gelegt.

[The tape is placed horizontally around the lower leg at the greatest postrusion of the calf muscles.]

No Data Available

Groesster Unifang des Rechten Unterschenkels [Right Calf Circumference]—MARTIN (Continued)

Similar Dimensions:

Equivalent:

AAF: Calf Circumference ARMY '66: Calf Circumference

ARMY ARMORED: Calf Circumference

ARMY QM: Calf Circumference

FAA: Calf Circumference

FRANCE '65: Périmètre maximum de la jambe GENEVA: Circumference of the Calf of the Leg

JAPAN: Calf Circumference KOREA: Calf Circumference NATO: Calf Circumference

NAVY RECRUITS: Calf Circumference

THAI: Calf Circumference

THOUSAND AVIATORS: Calf Circumference

USAF '50: Calf Circumference USMC: Calf Circumference USN: Calf Circumference VIETNAM: Calf Circumference

WAF RECRUITS: Calf Circumference

WASP: Calf Circumference WOMEN: Calf Girth

Not Equivalent:

HRDLICKA: Girth of Calf - leg forms a little larger than a right angle with thigh

Indeterminable:

None

HALF BACK TO WRIST

Reference: AUSTRALIA

With the upper arm held at approximately a 45 degree angle forward from the body and the forearm at right angles to the upper arm, the measurement is taken in a horizontal plane, from the center of the back over the elbow to the wrist bone.

N: 3431

 \overline{X} : 79.21 cm; 31.19 in SD: 3.95 cm; 1.56 in

V%: [5.0]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

Reference dimension description does not describe arm position.

ARMY '66: Sleeve Length

ARMY AVIATORS: Sleeve Length

ARMY QM: Sleeve Length

JAPAN: Sleeve Length (Spine-to-Wrist) KOREA: Sleeve Length (Spine-to-Wrist) NATO: Sleeve Length (Spine-to-Wrist) NAVY RECRUITS: Sleeve Length

THAI: Sleeve Length

USAF '50: Sleeve Length (Spine-to-Wrist)

USMC: Sleeve Length
USN: Sleeve Length
VIETNAM: Sleeve Length

WAF RECRUITS: Sleeve Length

See Also:

Sleeve Length (Spine-to-Elbow) Sleeve Length (Spine-to-Scye)

HALFWAY TO HIP CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon.† †The arms were raised while the tape was being adjusted and then lowered for the measurement† Measurement taken when tape is passed around body midway between the minimum circumference, horizontal, between the superior borders of the hips and the inferior borders of the ribs† and †the circumference when the tape is placed horizontally and passed over the two trochanterions†.

N: 8520

X: 86.06 cm; 32.88 in SD: 7.58 cm; 2.98 in

V%: [8.81]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Hip Circumference—at the level of the greatest protrusion of the buttock muscles

ARMY AVIATORS: Seat Circumference—at the level of the maximum protrusion of the buttocks

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat [Circumference] - around the largest part of the hips

FAA: Buttocks Circumference—at the level of greatest protrusion of the buttocks

FRANCE '65: Périmètre des fesses-[maximum circumference of the hips]

JAPAN: Buttock Circumference—the level of the greatest rearward protrusion of the buttocks

KOREA: Buttock Circumference—the level of the greatest rearward protrusion of the buttocks

MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks... around... greater trochanters... level determined by the buttocks and trochanters

NATO: Buttock Circumference—at †maximum posterior protrusion of the buttock

NAVY RECRUITS: Hip Circumference—at the level of the greatest protrusion of the buttock muscles

THAI: Hip Circumference—at level of greatest buttock protrusion

USAF '50: Buttock Circumference -- at the level of the greatest rearward protrusion of the buttocks

Halfway To Hip Circumference-WAC (Continued)

USMC: Hip Circumference—at the level of the greatest protrusion of the buttock muscles

USN: Buttock Circumference—at the level of †maximum posterior protrusion of the buttock

VIETNAM: Hip Circumference-at level of greatest buttock protrusion

WAC: Hip Circumference—over the two trochanterions

WAF RECRUITS: Buttocks Circumference—over the area of the most posterior projection of the buttocks

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Abdominal—Extension Girth Buttock Circumference, Sitting Waist Circumference

HAND BREADTH

Reference: AAF

Right hand, fingers extended and together, palm up. Arms of caliper parallel to axis of fingers. Distance between radial (lateral) projection of distal end of second metacarpal, and ulnar (medial) projection of distal end of fifth metacarpal. Firm contact.

	Cadets	Gunners
N:	2955	582
Median:	8.61 cm; 3.41 in	8.57 cm; 3.41 in
SD:	NDA	NDA
V%:	NDA	NDA

Similar Dimensions:

Equivalent:

ARMY '66: Hand Breadth ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

Hand Breadth-AAF (Continued)

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS-FEMALE: Hand Breadth; Metacarpale HANDS-MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: ARMY '66

Subject sits, with his right hand and fingers extended, palm up. The breadth of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). Sliding calipers are used.

N: 6681

X: 8.89 cm; 3.50 in SD: 0.48 cm; 0.19 in

V%: 5.52

Hand Breadth-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

AAF: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breudth at Mctacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Mctacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width — maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: ARMY ARMORED

Right hand, fingers extended and together, palm up. Arms of caliper parallel to axis of fingers. Distance between radial (lateral) projection of distal end of second metacarpal, and ulnar (medial) projection of distal end of fifth metacarpal. Firm contact.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth USN: Hand Breadth VIETNAM: Hand Breadth

WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

Hand Breadth-ARMY ARMORED (Continued)

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: ARMY AVIATORS

The maximum width of the right hand at the base of the fingers.

N: 500

 \overline{X} : 8.84 cm; 3.48 in SD: 0.41 cm; 0.16 in

V%: [4.64]

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth

WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Hand Breadth-ARMY AVIATORS (Continued)

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: ARMY QM

With the palm up and the fingers extended, measure the maximum breadth of the hand across the metacarpal-phalangeal joints at the base of the fingers. Firm pressure.

N: 24488

 \overline{X} : 8.67 cm; 3.41 in SD: 0.48 cm; 0.19 in

V%: [5.54]

Similar Dimensions:

Equivalent:

AAF: Hand Breadth

ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

BARTER: Hand Breadth at Mctacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale

Hand Breadth-ARMY QM (Continued)

MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpals NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - max imum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: HRDLIČKA

The most expressive breadth of the hand is that across the palm, at nearly right angles to the length, from the index finger-thumb angle to the middle of the ulnar edge of the palm. ...With left hand in full extension....

No Data Available

Hand Breadth-HRDLIČKA (Continued)

Similar Dimensions:

Equivalent:

AUSTRALIA: Hand Width

FRANCE '65: Largeur de la paume

Not Equivalent:

AAF: Hand Breadth — distal end of second metacarpal . . . distal end of fifth metacarpal

ARMY '66: Hand Breadth - distal ends of the metacarpal bones

ARMY ARMORED: Hand Breadth — distal end of second metacarpal . . . distal end of fifth metacarpal

ARMY AVIATORS: Hand Breadth — maximum width . . . at the base of the fingers

ARMY QM: Hand Breadth - across the metacarpal-phalangeal joints

BARTER: Hand Breadth at Metacarpal 2—across the . . . metacarpal-phalangeal joints

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens — [widest points at the heads of the first and fifth metacarpals]

HANDS - FEMALE: Hand Breadth; Metacarpale—across the back of her hand
... between metacarpal-phalangeal joints II and V

HANDS - MALE: Hand Breadth; Metacarpale — across the back of the hand . . . between metacarpal-phalangeal joints II and V

JAPAN: Hand Breadth at Metacarpale—across the distal ends of the metacarpal bones

KOREA: Hand Breadth at Metacar pale—across the distal ends of the metacarpal bones

MARTIN: Breite der rechten Hand — [between medial metacarpale and lateral metacarpale]

MONTAGU: Hand Breadth — second metacarpo-phalangeal junction to . . . fifth metacarpo-phalangeal junction

NATO: Hand Breadth at Metacarpale — across the distal ends of the metacarpal bones

NAVY RECRUITS: Hand Breadth — distal ends of the metacarpal bones

THAI: Hand Breadth - metacarpal-phalangeal joints

USAF '50: Hand Breadth at Metacarpale — across the distal ends of the metacarpal bones

USMC: Hand Breadth - distal ends of the metacarpal bones

USN: Hand Breadth - across the distal ends of the metacarpal bones

VIETNAM: Hand Breadth - metacarpal-phalangeal joints

WAC: Hand Breadth - across the metacarpal-phalangeal joints

WAF RECRUITS: Hand Breadth at Metacarpale — across the distal ends of the metacarpal bones

Hand Breadth-HRDLICKA (Continued)

WASP: Hand Breadth — between . . . distal end of second metacarpal, and distal . . . end of fifth metacarpal

Indeterminable:

None

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: JAPAN

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying across his palm, measure the maximum breadth across the distal ends of the metacarpal bones (knuckles).

N: 236

X: 8.61 cm; 3.39 in SD: 0.53 cm; 0.21 in

V%: 6.20

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metaearpale HANDS - MALE: Hand Breadth; Metaearpale

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpule NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth

Hand Breadth-JAPAN (Continued)

USN: Hand Breadth
VIETNAM: Hand Breadth

WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb

Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: MONTAGU

(Sliding Compass). From the radial side of the second metacarpo-phalangeal junction to the ulnar side of the fifth metacarpo-phalangeal junction.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Hand Breadth

ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpule HANDS - MALE: Hand Breadth; Metacarpale

Hand Breadth-MONTAGU (Cosstinued)

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLlčKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: NAVY RECRUITS

Subject sits, with his right hand and fingers extended, palm up. The breadth of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). Sliding calipers are used.

N: 4095

 \overline{X} : 8.96 cm; 3.53 in SD: 0.58 cm; 0.23 in

V%: 6.49

Hand Breadth-NAVY RECRUITS (Continued)

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale RANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width -- maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

Sen Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: THAI

With right hand extended palm up, measured as maximum breadth across base of the fingers (metacarpal-phalangeal joints).

N: 2950

 \overline{X} : 8.5 cm; 3.4 in SD: 0.4 cm; 0.2 in

V%: 4.7

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hani Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breedth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the liner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulner edge of the palm

Hand Breadth-THAI (Continued)

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: USMC

Subject sits, with his right hand and fingers extended, palm up. The breadth of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). Sliding calipers are used.

N: 2008

 \overline{X} : 8.86 cm; 3.49 in SD: 0.43 cm; 0.17 in V%: 4.58

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USN: Hand Breadth

Hand Breadth-USMC (Continued)

VIETNAM: Hand Breadth WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: USN

Subject's right hand is held stiffly, palm upward, the fingers extended and together. The thumb is held away from the hand. Using the sliding caliper, measure the distance across the distal ends of the metacarpal bones.

N: 1549

 \overline{X} : 8.96 cm; 3.53 in SD: 0.43 cm; 0.17 in

V%: 4.75

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth ARMY ARMORED: Hand Breadth

ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

Hand Breadth-USN (Continued)

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth VIETNAM: Hand Breadth WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: VIETNAM

With right hand extended, palm up, measured as maximum breadth across base of the fingers (metacarpal-phalangeal joints).

Hand Breadth-VIETNAM (Continued)

N: 2125

 \overline{X} : 8.0 cm; 3.14 in SD: 0.4 cm; 0.15 in

V%: 5.0

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Mctacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth USN: Hand Breadth WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth - from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

Hand Breadth-VIETNAM (Continued)

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† tand asked to extend left hand, palm up and fingers extended† Calipers held above the hand with points extending downward. Measurement taken as maximum breadth across the metacarpal-phalangeal joints (2nd to 5th).

N: 8505

X: 7.70 cm; 3.03 in SD: 0.51 cm; 0.20 in V%: [6.62]

. . .

Similar Dimensions:

Equivalent:

AAF: Hand Breadth
ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Hand Breadth-VAC (Continued)

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Alac:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH

Reference: WASP

Right hand, fingers extended and together, palm up. Arms of caliper parallel to axis of fingers. Distance between radial (lateral) projection of distal end of second metacarpal, and ulnar (medial) projection of distal end of fifth metacarpal. Firm contact.

	Women Pilots	Flying Nurses
N:	440	142
$\bar{\mathbf{X}}$:	7.72 cm; 3.04 in	7.62 cm; 3.00 in
SD:	NDA	NDA
V%:	NDA	NDA

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

Hand Breadth-WASP (Continued)

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width — maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT METACARPAL 2

Reference: BARTER

The hand is placed palm upward on the table, with the fingers outstretched and together. The thumb is held away from the hand. The measurement is taken across the hand from the area of the metacarpal-phalangeal joint of the second finger to the metacarpal-phalangeal joint of the fifth finger with sliding caliper.

Hand Breadth at Metacarpal 2-BARTER (Continued)

N: 100

 \overline{X} : 8.96 cm; 3.53 in SD: 0.36 cm; 0.14 in

V%: [4.02]

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Brewe der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth

WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width -- maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

Hand Breadth at Metacarpal 2-BARTER (Continued)

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT METACARPALE

Reference: KOREA

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying across his palm, measure the maximum breadth across the distal ends of the metacarpal bones (knuckles).

N: 264

X: 8.36 cm; 3.29 in SD: 0.37 cm; 0.15 in

V%: 4.47

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Lreadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Hand Breadth at Metacarpale-KOKEA (Continued)

Not Equivalent:

AUSTRALIA: Hand Width -- maximum width of the palm in front of the thumb

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLIČKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT METACARPALE

Reference: NATO

Subject's right hand is held stiffly, palm upward, the fingers extended and together. The thumb is held away from the hand. Using the sliding caliper, measure the distance across the distal ends of the metacarpal bones.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	8.65 cm; 3.41 in	8.77 cm; 3.45 in	8.89 cm; 3.50 in
SD:	0.42 cm; 0.17 in	0.42 cm; 0.17 in	0.44 cm; 0.17 in
V%:	4.90	4.82	5.00

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Melecarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

Hand Bre. dtb at Metacarpale-NATO (Continued)

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacar pale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT METACARPALE

Reference: USAF '50

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying across his palm, measure the maximum breadt, across the distal ends of the metacarpal bones (knuckles).

N: 4058

 \overline{X} : 8.83 cm; 3.48 in SD: 0.411 cm; 0.16 in

V%: 4.65

Hand Breadth at Metacarpale-USAF '50 (Consinued)

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth
USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT METACARPALE

Reference: WAF RECRUITS

The subject's hand is extended with the palm up. Place the bar of the sliding caliper across the distal ends of the metacarpal bones and measure the width with light contact.

N: 851

 \overline{X} : 7.66 cm; 3.02 in SD: 0.49 cm; 0.19 in

V%: 6.42

Similar Dimensions:

Equivalent:

AAF: Hand Breadth

ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale HANDS - MALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth
WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width - maximum width of the palm in front of the

FRANCE '65: Largeur de la paume — [the widest points of the inner and outer edges of the palm]

Hand Breadth at Metacart le-WAF RECRUITS (Continued)

HRDLICKA: Hand Breadth — from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb
Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT THUMB

Reference: BARTER

The hand is placed palm upward on the table with the fingers outstretched and together. The thumb is held loosely against the side of the hand. The measurement is taken across the hand, at right angles to the long axis, from the metacarpal-phalangeal joint of the first digit to the ulnar side of the hand with sliding calipers.

N: 100

X: 10.58 cm; 4.17 in SD: 0.51 cm; 0.20 in

V%: [4.82]

Similar Dimensions:

Equivalent:

KOREA: Hand Breadth at Thumb USAF'50: Hand Breadth at Thumb USN: Hand Breadth at Thumb

WAF RECRUITS: Hand Breadth at Thumb

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Breadth
Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT THUMB

Reference: KOREA

Subject's right hand is extended, palm up, with the thumb lying along side and in the plane of the palm. With the bar of the sliding caliper resting on the palm and the caliper's fixed arm at the knuckle (the joint of the metacarpal bone and the first phalanx) of the thumb, measure the breadth at right angles to the long axis of the hand.

N: 264

X: 9.81 cm; 3.86 in

SD: 0.49 cm; 0.19 in

V%: 5.06

Similar Dimensions:

Equivalent:

BARTER: Hand Breadth at Thumb USAF '50: Hand Breadth at Thumb USN: Hand Rreadth at Thumb

WAF RECRUITS: Hand Breadth at Thumb

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Breadth
Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT THUMB

Reference: USAF '50

Subject's right hand is extended, palm up, with the thumb lying along side and in the plane of the palm. With the bar of the sliding caliper resting on the palm and the caliper's fixed arm at the knuckle (the joint of the metacarpal bone and the first phalanx) of the thumb, measure the breadth at right angles to the long axis of the hand.

Hand Breadth at Thumb-USAF '50 (Continued)

N: 4062

X: 10.35 cm; 4.07 in SD: 0.53 cm; 0.21 in

V%: 5.16

Similar Dimensions:

Equivalent:

BARTER: Hand Breadth at Thumb KOREA: Hand Breadth at Thumb USN: Hand Breadth at Thumb

WAF RECRUITS: Hand Breadth at Thumb

Not Equivalent:

None

Indeterminable:

None

Sea Also:

Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT THUMB

Reference: USN

Subject's right hand is extended, palm up, with the thumb lying along side and in the plane of the palm. With the bar of the sliding caliper resting on the palm and the caliper's fixed arm at the knuckle (the joint of the metacarpal bone and the first phalanx) of the thumb, measure the breadth at right angles to the long axis of the hand.

N: 1549

 \overline{X} : 10.66 cm; 4.20 in SD: 0.49 cm; 0.19 in

V%: 4.63

Hand Breadth at Thumb -- USN (Continued)

Similar Dimensions:

Equivalent:

BARTER: Hand Breadth at Thumb KOREA: Hand Breadth at Thumb USAF '50: Hand Breadth at Thumb

WAF RECRUITS: Hand Breadth at Thumb

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Breadth
Hand Breadth; Metacarpale, Minimum

HAND BREADTH AT THUMB

Reference: WAF RECRUITS

The subject's hand is extended, palm up. With the bar of the sliding caliper resting on the palm, measure the maximum width with light contact at right angles to the longitudinal axis of the hand. The fixed arm of the caliber is placed at the metacarpal-phalangeal joint of the thumb.

N: 844

 \overline{X} : 9.18 cm; 3.61 in SD: 0.59 cm; 0.23 in

V%: 6.39

Similar Dimensions:

Equivalent:

BARTER: Hand Breadth at Thumb KOREA: Hand Breadth at Thumb USAF '50: Hand Breadth at Thumb USN: Hand Breadth at Thumb

Hand Breadth at Thumb-WAF KECRUITS (Continued)

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Breadth; Metacarpale, Minimum

HAND BREADTH; METACARPALE

Reference: KANDS-FEMALE

Subject's right hand is extended, palm down, thumb held away from the fingers. With the bar of the sliding caliper lying across the back of her hand, measure the breadth of the hand between metacarpal-phalangeal joints II and V.

N: 211

 \overline{X} : 7.71 cm; 3.03 in SD: 0.38 cm; 0.15 in

V%: 4.97

Similar Dimensions:

AAF: Hand Breadth

ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

BARTER: Hand Breadth at Metacarpal 2

FPANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - MALE: Hand Breadth

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metaearpale

USMC: Hand Breadth

Hand Breadth; Metacarpale-HANDS-FEMALE (Continued)

USN: Hand Breadth
VIETNAM: Hand Breadth
WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width—maximum width of the palm in front of the thumb FRANCE '65: Largeur de la paume—[the widest points of the inner and outer

edges of the palm]

HRDLICKA: Hand Breadth—from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Aiso:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH: METACARPALE

Reference: HANDS-MALE

Subject's right hand is extended, palm down, thumb held away from the fingers. With the bar of the sliding caliper lying across the back of his hand, measure the breadth of the hand between metacarpal-phalangeal joints II and V.

N: 148

X: 8.96 cm; 3.53 in

SD: 0.40 cm; 0.16 in

V%: 4.51

Similar Dimensions:

Equivalent:

AAF: Hand Breadth ARMY '66: Hand Breadth

ARMY ARMORED: Hand Breadth ARMY AVIATORS: Hand Breadth

ARMY QM: Hand Breadth

Hand Breadth: Metacarpale—HANDS-MALE (Continued)

BARTER: Hand Breadth at Metacarpai 2

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens

HANDS - FEMALE: Hand Breadth; Metacarpale

JAPAN: Hand Breadth

KOREA: Hand Breadth at Metacarpale MARTIN: Breite der rechten Hand

MONTAGU: Hand Breadth

NATO: Hand Breadth at Metacarpale NAVY RECRUITS: Hand Breadth

THAI: Hand Breadth

USAF '50: Hand Breadth at Metacarpale

USMC: Hand Breadth
USN: Hand Breadth
VIETNAM: Hand Breadth

WAC: Hand Breadth

WAF RECRUITS: Hand Breadth

WASP: Hand Breadth

Not Equivalent:

AUSTRALIA: Hand Width—maximum width of the palm in front of the thumb FRANCE '65: Largeur de la paume—[the widest points of the inner and outer edges of the palm]

HRDLICKA: Hand Breadth—from the index finger-thumb angle to the middle of the ulnar edge of the palm

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAND BREADTH; METACARPALE, MINIMUM

Reference: HAND

Subject extends and narrows his right hand as small as possible. Measure the maximum distance across the distal ends of the metacarpals (knuckles) of digits 2-5.

N: 27

X: 8.38 cm; 3.30 in

Hand Breadth; Metacarpale, Minimum-HAND (Continued)

SD: 0.51 cm; 0.20 in

V%: 6.07

Similar Dimensions:

None

See Also:

Hand Breadth
Hand Breadth at Thumb

HAND CIRCUMFERENCE

Reference: ARMY '66

Subject sits, with his right hand and fingers extended, palm up. The maximum circumference of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). A steel tape is used.

N: 6682

X: 21.61 cm; 8.51 in SD: 1.14 cm; 0.45 in

V%: 5.26

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Hand Circumference

BARTER: Hand Circumference at Mctacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Mctacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

Mone

Indeterminable:

None

Hand Circumference—ARMY '66 (Continued)

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE

Reference: ARMY AVIATORS

The distance around the right hand at the base of the fingers.

N: 500

 \overline{X} : 21.46 cm; 8.45 in SD: 0.97 cm; 0.38 in

V%: [4.52]

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE

Reference: JAPAN

The hand is placed palm down on the table, with the fingers outstretched and together. The thumb is held away from the hand. The measurement is taken with a millimeter tape around the hand at the base of the fingers, the tape passing over all four knuckles.

N: 232

 \overline{X} : 21.23 cm; 8.36 in

SD: 1.16 cm; 0.46 in

V%: 5.5

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference

BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale

HANDS - MALE: Hand Circumference; Metacarpale

NATO: Hand Circumference around Metacarpale

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference

USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb
Hand Circumference; Fingertips Even
Hand Circumference: Metacarpale, Minimum
Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject sits, with his right hand and fingers extended, palm up. The maximum circumference of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). A steel tape is used.

N: 4095

 \overline{X} : 21.41 cm; 8.43 in

SD: 1.09 cm; 0.43 in

V%: 5.04

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference

BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb

Hand Circumference; Fingertips Even

Hand Circumference; Metacarpale, Minimum

Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE

Reference: USMC

Subject sits, with his right hand and fingers extended, palm up. The maximum cir-

Hand Circumference—USMC (Continued)

cumference of the hand is measured at the level of the knuckles (distal ends of the metacarpal bones). A steel tape is used.

N: 2008

X: 21.66 cm; 8.53 in SD: 1.11 cm; 0.44 in

V%: 5.10

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference

BAR'TER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Mctacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

NAVY RECRUITS: Hand Circumference

USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE

Reference: USN

The subject stiffens his hand with the fingers extended and together. The thumb is held away from the hand. Measure the circumference around the hand at the level of the metacarpal-phalangeal joints of the palm.

Hand Circumference—USN (Continued)

N: 1549

 \overline{X} : 21.38 cm; 8.42 in SD: 1.00 cm; 0.40 in

V%: 4.69

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Metacarpalc

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE AROUND METACARPALE

Reference: NATO

The subject stiffens his hand with the fingers extended and together. The thumb is held away from the hand. Measure the circumference around the hand at the level of the metacarpal-phalangeal joints of the palm.

Hand Circumference Around Metacarpale-NATO (Continued)

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	20.76 cm; 8.17 in	21.25 cm; 8.37 in	21.56 cm; 8.49 in
SD:	1.00 cm; 0.39 in	1.07 cm; 0.42 in	1.01 cm; 0.40 in
V%:	4.82	5.04	4.68

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb
Hand Circumference; Fingertips Even
Hand Circumference; Metacarpale, Minimum
Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE AROUND THUMB

Reference: NATO

Subject stiffens his hand with the fingers extended and touching the thumb in the plane of the palm and lightly touching the side of the hand. Measure the circumference of the hand around the phalangeal joint of the thumb with the tape passing at right angles to the long axis of the hand.

Hand Circumference Around Thumb-NATO (Continued)

	Turkey	Greece	Italy
N:	915	10 4	1358
$\overline{\mathrm{X}}$:	24.76 cm; 9.75 in	24. cm; 9.75 in	24.85 cm; 9.78 in
SD:	1.22 cm; 0.48 in	1.06 cm; 0.42 in	1.12 cm; 0.44 in
V%:	4.93	4.28	4.51

Similar Dimensions:

Equivalent:

USN: Hand Circumference at Thumb

Not Equivalent:

BARTER: Hand Circumference at Thumb—at the level of the metacarpalphalangeal joint of the first digit

Indeterminable:

None

See Also:

Hand Circumference; Fingertips Even Hand Circumference; Mctacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE AT METACARPAL 2

Reference: BARTER

The hand is placed palm down on the table, with the fingers outstretched and together. The thumb is held away from the hand. The measurement is taken with a millimeter tape around the hand at the base of the fingers, the tape passing over all four knuckles.

N: 100

X: 21.39 cm; 8.42 in SD: 0.84 cm; 0.33 in

V%: [3.97]

Hand Circumference at Metacarpal 2-BARTER (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Han,' Circumference

ARMY AVIATORS: Hand Circumference

HANDS - FEMALE: Hand Circumference; Metacarpale HANDS - MALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE AT THUMB

Reference: BARTER

The hand is placed palm down on the table, with the fingers outstretched and together. The thumb is held loosely against the side of the hand. The measurement is taken with a steel millimeter tape. The tape passes at right angles to the long axis of the hand at the level of the metacarpal-phalangeal joint of the first digit.

N: 100

 \overline{X} : 25.11 cm; 9.89 in

SD: 1.1 cm; 0.43 in

V%: [4.38]

Similar Dimensions:

Equivalent:

None

Hand Circumference at Thumb-BARTER (Continued)

Not Equivalent:

NATO: Hand Circumference at Thumb-around the phalangeal joint of the

USN: Hand Circumference at Thumb — around the phalangeal joint of the thumb

Indeterminable:

None

See Also:

Hand Circumference
Hand Circumference; Fingertips Even
Hand Circumference; Metacarpale, Minimum
Hand Circumference; Thumb-Forefinger

HAND CIRCUMFFTENCE AT THUMB

Reference: USN

The subject stiffens his hand with the fingers extended and touching the thumb in the plane of the palm and lightly touching the side of the hand. Measure the circumference of the hand around the phalangeal joint of the thumb with the tape passing at right angles to the long axis of the hand.

N: 1549

 \overline{X} : 25.46 cm; 10.03 in SD: 1.12 cm; 0.44 in

V%: 4.41

Similar Dimensions:

Equivalent:

NATO: Hand Circumference around Thumb

Not Equivalent:

BARTER: Hand Circumference at Thumb—at the level of the metacarpalphalangeal joint of the first digit

Indeterminable:

None

Hand Circumference at Thumb-USN (Continued)

See Also:

Hand Circumference

Hand Circumference; Fingertips Even

Hand Circumference; Metacarpale, Minimum

Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE; FINGERTIPS EVEN

Reference: HANDS-FEMALE

Subject taps her five fingertips even on any flat surface. With the fingertips held even, measure the circumference of the hand around the midpoints of the proximal phalanges of all five digits.

N: 211

X: 22.60 cm; 8.90 in

SD: 1.17 cm; 0.46 in

V%: 5.18

Similar Dimensions:

Equivalent:

HANDS - MALE: Hand Circumference; Fingertips Even

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference

Hand Circumference; Metacarpale, Minimum

Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE; FINGERTIPS EVEN

Reference: HANDS-MALE

Subject taps his five fingertips even on any flat surface. With the fingertips held even, measure the circumference of the hand around the midpoints of the proximal phalanges of all five digits.

Hand Circumference; Fingertips Even-HANDS-MALE (Continued)

N: 148

X: 22.77 cm; 8.96 in SD: 2.19 cm; 0.86 in

V%: 9.63

Similar Dimensions:

Equivalent:

HANDS - FEMALE: Hand Circumference; Fingertips Even

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE; METACARPALE

Reference: HANDS-FEMALE

Subject's right hand is extended, palm down, thumb held away from the fingers. With the tape passing over metacarpal-phalangeal joints II and V, measure the circumference of the hand.

N: 211

 \overline{X} : 18.71 cm; 7.87 in SD: 0.83 cm; 0.33 in

V%: 4.43

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference
BARTER: Hand Circumference at Metacarpal 2
HANDS - MALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference around Metacarpale

Hand Circumference; Metacarpale—HANDS-FEMALE (Continued)

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE: METACARPALE

Reference: HANDS-MALE

Subject's right hand is extended, palm down, thumb held away from the fingers. With the tape passing over metacarpal-phalangeal joints II and V, measure the circumference of the hand.

N: 148

X: 21.59 cm; 8.50 in SD: 0.90 cm; 0.35 in

V%: 4.17

Similar Dimensions:

Equivalent:

ARMY '66: Hand Circumference

ARMY AVIATORS: Hand Circumference

BARTER: Hand Circumference at Metacarpal 2

HANDS - FEMALE: Hand Circumference; Metacarpale

JAPAN: Hand Circumference

NATO: Hand Circumference oround Metacarpale

NAVY RECRUITS: Hand Circumference

USMC: Hand Circumference

Hand Circumference; Metacarpale—HANDS-MALE (Continued)

USN: Hand Circumference

WAF RECRUITS: Palm Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Metacarpale, Minimum Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE; METACARPALE, MINIMUM

Reference: HANDS-FEMALE

Subject extends and narrows her right hand as much as possible. With the tape passing over metacarpal-phalangeal joints II and V, measure the circumference of the hand.

N: 211

X: 21.46 cm; 8.45 in SD: 1.23 cm; 0.48 in

V%: 5.73

Similar Dimensions:

Equivalent:

HANDS - MALE: Hand Circumference; Metacarpale, Minimum

Not Equivalent:

None

Indeterminable:

None

Hand Circumference; Mctacarpale, Minimum-HANDS-FEMALE (Continued)

See Also:

Hand Circumference Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circuriference; Thumb-Forefinger

HAND CIRCUMFERENCE; METACARPALE, MINIMUM

Reference: HANDS-MALE

Subject extends and narrows his right hand as much as possible. With the tape passing over metacarpal-phalangeal joints II and V, measure the circumference of the hand.

N: 148 X: 25.43 cm; 10.01 in SD: 1.31 cm; 0.52 in

V%: 5.15

Similar Dimensions:

Equivalent:

HANDS - FEMALE: Hand Circumference; Metacarpale, Minimum

Not Equivalent:

None

Indeterminable:

None

See Aiso:

Hand Circumference Hand Circumference at Thumb Hand Circumference; Fingertips Even Hand Circumference; Thumb-Forefinger

HAND CIRCUMFERENCE: THUMB-FOREFINGER

Reference: HAND

Subject's right hand is extended with the tips of the thumb and forefinger lightly touching. With the tape passing over the distal ends of the metacarpals (knuckles) of all five digits, measure the circumference of the hand.

N: 27

 \overline{X} : 27.36 cm; 10.77 in SD: 1.77 cm; 0.70 in

V%: 6.48

Similar Dimensions:

None

See Also:

Hand Circumference

Hand Circumference at Thumb

Hand Circumference; Fingertips Even

Hand Circumference; Metacarpale, Minimum

HAND DEPTH; THENAR PAD

Reference: HANDS-FEMALE

Subject's right hand is extended with the thumb lying adjacent to the volar surface of digit 2. With the sliding caliper, measure the maximum depth from the volar side of the thenar pad to the dorsal surface of the hand.

N: 211

 \overline{X} : 5.17 cm; 2.03 in

SD: 0.39 cm; 0.15 in

V%: 7.55

Similar Dimensions:

Equivalent:

HANDS - MALE: Hand Depth; Thenar Pad

Not Equivalent:

None

Indeterminable:

None

HAND DEPTH; THENAR PAD

Reference: HANDS-MALE

Subject's right hand is extended with the thumb lying adjacent to the volar surface of digit 2. With the sliding caliper, measure the maximum depth from the volar side of the thenar pad to the dorsal surface of the hand.

N: 148

 \overline{X} : 6.19 cm; 2.44 in SD: 0.45 cm; 0.18 in

V%: 7.27

Similar Dimensions:

Equivalent:

HANDS - FEMALE: Hand Depth; Thenar Pad

Not Equivalent:

None

Indeterminable:

None

HAND LENGTH

Reference: AAF

Right hand, fingers extended and together, palm up. Distance from proximal end of navicular (small wrist bone at base of thumb) to tip of middle finger. Fixed end of caliper firmly pressed against navicular, light contact to fingertip.

Cadets

N: 2952

Median: 19.28 cm; 7.6 in

SD: NDA

V%: NDA

Gunners

582

19.13 cm; 7.5 in

NDA

NDA

Similar Dimensions:

Equivalent:

ARMY ARMORED: Hand Length

ARMY QM: Hand Length

Hand Length-AAF (Continued)

BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USAF '50: Hand Length USN: Hand Length

VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist—central point of the straight line connecting the two stylions

COMAS: Hand Length—from stylion

FRANCE '65: Longeur de la main-[to the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLIČKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: ARMY '66

Subject sits, with his right hand and fingers extended, palm up. The length of the

Hand Length-ARMY '66 (Continued)

right hand is measured from the wrist crease to the tip of the middle finger. Sliding calipers are used.

N: 6682

 \overline{X} : 19.02 cm; 7.49 in SD: 0.96 cm; 0.38 in

V%: 5.06

Similar Dimensions:

Equivalent:

HANDS - FEMALE: Hand Length HANDS - MALE: Hand Length NAVY RECRUITS: Hand Length

USMC: Hand Length WAC: Hand Length

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main—[the point of the radial styloid]

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length—from the landmark fover the proximal edge of the navicular hone

THAI: Hand Length—from wrist (navicular)

USAF '50: Hand Length—from the proximal edge of the navicular bone USN: Hand Length—from the proximal edge of the navicular bone

VIETNAM: Hand Length—from wrist (navicular)

WAF RECRUTS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Hand Length-ARMY '66 (Continued)

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: ARMY ARMORED

Right hand, fingers extended and together, palm up. Distance from proximal end of navicular (small wrist bone at base of thumb) to tip of middle finger. Fixed end of caliper firmly pressed against navicular; light contact to finger-tip.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Hand Length
ARMY QM: Hand Length
BARTER: Hand Length
JAPAN: Hand Length
KOREA: Hand Length
NATO: Hand Length
THAI: Hand Length
USAF '50: Hand Length
USN: Hand Length
VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

Hand Length-ARMY ARMORED (Continued)

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length-from the mid-point of a line connecting

the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length—from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: ARMY AVIATORS

The distance from the wrist to the end of the middle finger of the right hand.

N: 500

 \overline{X} : 18.98 cm; 7.47 in SD: 0.87 cm; 0.34 in

V%: [4.58]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

_Indeterminable:

AAF: Hand Length—from proximal end of navicular ARMY '66: Hand Length—from the wrist crease

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist

Hand Length-ARMY AVIATORS (Continued)

BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length—from the landmark faver the proximal edge of the navicular bone

NAVY RECRUITS: Hand Length-from the wrist crease

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USMC: Hand Length-from the wrist crease

USN: Hand Length-from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAC: Hand Length-from the most distal crease on the wrist

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

HAND LENGTH

Reference: ARMY QM

With the right hand extended and the calipers lying in the palm of the hand, measure from the proximal edge of the navicular to dactylion the tip af the middle fingert with firm contact.

N: 24487

 \overline{X} : 19.25 cm; 7.58 in SD: 0.92 cm; 0.36 in

V%: [4.78]

Similar Dimensions:

Equivalent:

AAF: Hand Length

Hand Length-ARMY QM (Continued)

ARMY ARMORED: Hand Length

BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USAF '50: Hand Length USN: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connect-

ing both stylia]

MONTAGU: Maximum Hand Length-from the mid-point of a line connecting

the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length--from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: AUSTRALIA

With the right hand placed on the table the length of hand is measured from the base of the thumb where the thumb joins the wrist to the tip of the middle finger.

Hand Length-AUSTRALIA (Continued)

N: 3434

 \overline{X} : 19.04 cm; 7.50 h. SD: 1.08 cm; 0.43 in

V%: [5.60]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Hand Length—from proximal end of navicular ARMY '66: Hand Length—from the wrist crease

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hana Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MART'N: Laenge der rechten Hand-[from the middle point on a line connecting soth stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length-from the landmark tover the proximal edge of the navicular bone

NAVY RECRUITS: Hand Length-from the wrist crease

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USMC: Hand Length-from the wrist crease

USN: Hand Length-from the proximal edge of the navicular bone

VIETNAM: Hand Length—from wrist (navicular)

WAC: Hand Length-from the most distal crease on the wrist

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: BARTER

The hand is placed on the table with the palm facing upwards, the fingers outstretched and together. The measurement is taken with the sliding caliper from the proximal edge of the navicular bone (located by palpation) to the fleshy tip of the third digit.

N: 100

 \overline{X} : 18.81 cm; 7.41 in SD: 0.94 cm; 0.37 in

V%: [5.00]

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USAF '50: Hand Length USN: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist cre. se

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist—central point of the straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

MARTIN: Loenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

Hand Longth-FARTER (Continued)

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: COMAS

tWith subject in standing position from stylion the distalmost point of the styloid process of the radius to dactylion the middle of the tip of the middle fingert. (Sliding caliper).

No Data Available

Similar Dimensions:

Equivalent:

FRANCE '65: Longueur de la main

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY '66: Hand Length—from the wrist crease

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point on the straight line connecting the two stylions

HANDS - FEMALE: Hand Length-from the wrist crease

HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

Hand Length-COMAS (Continued)

NATO: Hand Length-from the landmark tover the proximal edge of the navic-

ular bone

NAVY RECRUITS: Hand Length-from the wrist crease

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USMC: Hand Length—from the wrist crease

USN: Hand Length-from the proximal edge of the navicular bone

VIETNAM: Hand Length—from wrist (navicular)

WAC: Hand Length-from the most distal crease on the wrist

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: HANDS-FEMALE

Subject's right hand is extended, palm up. With the bar of the sliding caliper parallel to the long axis of her hand, measure the distance from the wrist crease baseline to the tip of the longest finger.

N: 211

 \overline{X} : 17.93 cm; 7.06 in SD: 0.86 cm; 0.34 in

V%: 4.79

Similar Dimensions:

Equivalent:

ARMY' 66: Hand Length
HANDS - MALE: Hand Length
NAVY RECRUITS: Hand Length

USMC: Hand Length WAC: Hand Length

Hand Length-HANDS-FEMALE (Continued)

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length-from the landmark tover the proximal edge of the navicular bone

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USN: Hand Length-from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAF RECRUITS: Hand Length—from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: HANDS-MALE

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying along his palm, measure the distance from the wrist crease baseline to the tip of the longest finger.

Hand Length-1. ANDS-MALE (Continued)

N: 148

 \overline{X} : 19.72 cm; 7.76 in

SD: 0.93 cm; 0.37 in

V%: 4.73

Similar Dimensions:

Equivalent:

ARMY' 66: Hand Length

HANDS - FEMALE: Hand Length NAVY RECRUITS: Hand Length

USMC: Hand Length WAC: Hand Length

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist-central point of a straight line connecting

the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laeuge der rechten Hand-[from the middle point on a line connecting both stylia]

MCNTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length—from the landmark tover the proximal edge of the navicular bone

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length—from the proximal edge of the navicular bone USN: Hand Length—from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAF RECRUITS: Hand Length—from the proximal edge of the navicular bone WASP: Hand Length—from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Leugth-[land:nark on wrist not specified]

See Also:

Hand Length: Thumb-Forefinger

HAND LENGTH

Reference: HRDLIČKA

Distance from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences to the fleshy end of the medius, with the hand in full extension.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY '66: Hand Length-from the wrist crease

ARMY ARMORED: Hand Length—from preximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from ... where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

JAPAN: Hand Length—from the proximal edge of the navicular bone KOREA: Hand Length—from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length—from the landmark tover the proximal edge of the navicular bone

NAVY RECRUITS: Hand Length-from the wrist crease

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USMC: Hand Length-from the wrist crease

USN: Hand Length—from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAC: Hand Length-from the most distal crease on the wrist

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Hand Length-HRDLIČKA (Continued)

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: JAPAN

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying along his palm, measure the distance from the proximal edge of the navicular bone at the wrist to the tip of the middle finger.

N: 238

 \overline{X} : 18.30 cm; 7.20 in SD: 0.80 cm; 0.31 in

V%: 4.40

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USAF'50: Hand Length USN: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of a straight line connecting

the two stylions

Hand Length-jAPAN (Continued)

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-trom the middle of the line connecting the proximal

limits of the thenar and hypotnenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connect-

ing both stylia]

MONTAGU: Maximum Hand Length-from the mid-point of a line connecting

the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length—from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: KOREA

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying along his palm, measure the distance from the proximal edge of the navicular bone at the wrist to the tip of the middle finger.

N: 264

 \overline{X} : 18.46 cm; 7.27 in SD: 0.77 cm; 0.30 in

V%: 4.16

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAFAN: Hand Length NATO: Hand Length

Hand Length-KOREA (Continued)

THAI: Hand Length USAF'50: Hand Length USN: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of a straight line connecting

the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connect-

ing both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: NATO

Subject's right hand is extended stiffly in the axis of the lower arm, palm upward and fingers together. With the bar of the sliding caliper parallel to the long axis of the hand, measure the distance from the landmark tover the proximal edge of the navicular bonet at the base of the hand to the tip of the middle finger.

Hand Length-NATO (Continued)

Turkey		Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	18.83 cm; 7.41 in	18.80 cm; 7.40 in	18.96 cm; 7.46 in
SD:	0.83 cm; 0.33 in	0.83 cm; 0.33 in	0.86 cm; 0.34 in
V%:	4.39	4.43	4.52

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length THAI: Hand Length USAF'50: Hand Length USN: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand L , 'n-from the wrist crease

AUSTRALIA: Hand Lingth-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist—central point of a straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand—[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Hand Length-NATO (Continued)

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: NAVY RECRUITS

Subject sits, with right hand and fingers extended, palm up. The length of the right hand is measured from the wrist crease to the tip of the middle finger. Sliding calipers are used.

N: 4095

X: 18.89 cm; 7.44 in

SD: 0.91 cm; 0.36 in

V%: 4.78

Similar Dimensions:

Equivalent:

ARM'r' 66: Hand Length

HANDS - FEMALE: Hand Length HANDS - MALE: Hand Length

USMC: Hand Length WAC: Hand Length

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length—from proximal end of navicular ARMY QM: Hand Length—from the proximal edge of the navicular AUSTRALIA: Hand Length—from . . . where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions
COMAS: Hand Length—from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HRDLIČKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

JAPAN: Hand Length-from the proximal edge of the navicular bone

Hand Length-NAVY RECRUITS (Continued)

KOREA: Hand Length-from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length—from the landmark tover the proximal edge of the navicular bone

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length—from the proximal edge of the navicular bone USN: Hand Length—from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: THAI

With right hand extended palm up and fingers straight, measured as distance from wrist (navicular) to tip of middle finger (dactylion).

N: 2950

X: 18.0 cm; 7.1 in SD: 0.8 cm; 0.3 in

V%: 4.4

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length

Hand Length-THAI (Continued)

USAF '50: Hand Length USN: Hand Length

VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length--from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-irom stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand- [from the middle point on a line connect-

ing both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length -- from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Aiso:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: USAF '50

Subject's right hand is extended, paim up. With the bar of the sliding caliper lying along his palm, measure the distance from the proximal edge of the navicular bone at the wrist to the tip of the middle firger.

N: 4063

X: 19.02 cm; 7.49 in SD: 0.86 cm; 0.54 in

V%: 4.52

Hand Length-USAF '50 (Continued)

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USN: Hand Length

VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

IIRDLICKA: Hand Length—from the middle of the line connecting the proximal limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Jackimum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: USMC

Subject sits, with his right hand and fingers extended, palm up. The length of the right hand is measured from the wrist crease to the tip of the middle finger. Sliding calipers are used.

N: 2008

X: 18.94 cm; 7.46 in

SD: 0.93 cm: 0.37 in

V%: 4.91

Similar Dimensions:

Equivalent:

ARMY' 66: Hand Length

HANDS - FEMALE: Hand Length HANDS - MALE: Hand Length

NAVY RECRUITS: Hand Length

WAC: Hand Length

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length-from proximal end of navicular

ARMY QM: Hand Length-from the proximal edge of the navicular

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist -central point of the straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HRDLICKA: Hand Length-from the middle of a line connecting the proximal

limits of the thenar and hypothenar eminences

JAPAN: Hand Length-from the proximal edge of the navicular bone KOREA: Hand Length-from the proximal edge of the navicular bone

MARTIN: Large der rechten Hand-Ifrom the middle point on a line connecting both stylial

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length-from the landmark over the proximal edge of the navic-

THAI: Hand Length—from wrist (navicular)

USAF '50: Hand Length-from the proximal edge of the navicular bone

USN: Hand Length-from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Hand Length-USMC (Continued)

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: USN

Subject's right hand is extended, palm up. With the bar of the sliding caliper lying along his palm, measure the distance from the proximal edge of the navicular bone at the wrist to the tip of the middle finger.

N: 1549

X: 19.12 cm; 7.53 in SD: 0.86 cm; 0.34 in

V%: 4.50

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length

USAF '50: Hand Length VIETNAM: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-from stylion

Hand Length-USN (Continued)

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connect-

ing both stylia]

MONTAGU: Maximum Hand Length-from the mid-point of a line connecting

the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: VIETNAM

With right hand extended, palm up and fingers straight, measured as distance from wrist (navicular) to tip of middle finger (dactylion).

N: 2127

X: 17.6 cm; 6.9 in SD: 0.8 cm; 2.4 in

V%: 4.5

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length BARTER: Hand Length JAPAN: Hand Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length

Hand Length-VIETNAM (Continued)

USAF '50: Hand Length USN: Hand Length

WAF RECRUITS: Hand Length

WASP: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist-central point of the straight line connect-

ing the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial stylcid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand—[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[Isndmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† and asked to extend left hand, palm up and fingers extended. Measurement taken from the most distal crease on the wrist to dactylion †the most distal point of the third finger†.

N: 8488

 \overline{X} : 17.49 cm; 6.89 in SD: 0.83 cm; 0.33 in

V%: [4.75]

Hand Le 7th-WAC (Continued)

Similar Dimensions:

Equivalent:

ARMY' 66: Hand Length

HANDS - FEMALE: Hand Length HANDS - MALE: Hand Length NAVY RECRUITS: Hand Length

USMC: Hand Length

Not Equivalent:

AAF: Hand Length-from proximal end of navicular

ARMY ARMORED: Hand Length-from proximal end of navicular

ARMY QM: Hand Length—from the proximal edge of the navicular

AUSTRALIA: Hand Length—from ... where the thumb joins the wrist BARTER: Hand Length—from the proximal edge of the navicular bone

BULGARIA: Length of the Wrist—central point of the straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

JAPAN: Hand Length-from the proximal edge of the navicular bone

KOREA: Hand Length-from the proximal edge of the navicular bone

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MCNTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NATO: Hand Length-from the landmark tover the proximal edge of the navicular bone

THAI: Hand Length-from wrist (navicular)

USAF '50: Hand Length—from the proximal edge of the navicular bone USN: Hand Length—from the proximal edge of the navicular bone

VIETNAM: Hand Length-from wrist (navicular)

WAF RECRUITS: Hand Length-from the proximal edge of the navicular bone

WASP: Hand Length-from proximal end of navicular

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH

Reference: WAF RECRUITS

The subject's right hand is extended. With the sliding calipars resting on the subject's palm, measure from the proximal edge of the navicular bone to the tip of the middle finger.

N: 851

X: 17.17 cm; 6.76 in SD: 0.88 cm; 0.34 in

V%: 5.10

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

BARTER: Hand Length JAPAN: Hund Length KOREA: Hand Length NATO: Hand Length THAI: Hand Length USAF '50: Hand Length USN: Hand Length VIETNAM: Hand Length WASP: Hand Length

ARMY QM: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

BULGARIA: Length of the Wrist—central point of the straight line connecting the two stylions

COMAS: Hand Length-from stylion

FRANCE '65: Longeur de la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length—from the wrist crease HANDS - MALE: Hand Length—from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length—from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length-from the wrist crease

Hand Length—W AF RECRUITS (Continued)

USMC: Hand Length-from the wrist crease

WAC: Hand Length-from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length: Thumb-Forefinger

HAND LENGTH

Reference: WASP

Right hand, fingers extended and together, palm up. Distance from proximal end of navicular (small wrist bone at base of thumb) to tip of middle finger. Fixed end of caliper firmly pressed against navicular, light contact to finger tip.

Women Pilots		Flying Nurses	
N:	437	142	
$\overline{\mathbf{X}}$:	17.58 cm; 6.92 in	17.53 cm; 6.92 in	
SD:	NDA	NDA	
V%:	NDA	NDA	

Similar Dimensions:

Equivalent:

AAF: Hand Length

ARMY ARMORED: Hand Length

ARMY QM: Hand Length
BARTER: Hand Length
JAPAN: Hand Length
KOREA: Hand Length
NATO: Hand Length
THAI: Hand Length
USAF '50: Hand Length
USN: Hand Length
VIETNAM: Hand Length
WAF RECRUITS: Hand Length

Not Equivalent:

ARMY '66: Hand Length-from the wrist crease

AUSTRALIA: Hand Length-from . . . where the thumb joins the wrist

Hand Length-WASP (Continued)

BULGARIA: Length of the Wrist-central point of the straight line connecting the two stylions

COMAS: Hand Leugth-from stylion

FRANCE '65: Longeur ae la main-[the point of the radial styloid]

HANDS - FEMALE: Hand Length-from the wrist crease HANDS - MALE: Hand Length-from the wrist crease

HRDLICKA: Hand Length-from the middle of the line connecting the proximal

limits of the thenar and hypothenar eminences

MARTIN: Laenge der rechten Hand-[from the middle point on a line connecting both stylia]

MONTAGU: Maximum Hand Length-from the mid-point of a line connecting the styloid processes

NAVY RECRUITS: Hand Length—from the wrist crease

USMC: Hand Length—from the wrist crease
WAC: Hand Length—from the most distal crease on the wrist

Indeterminable:

ARMY AVIATORS: Hand Length-[landmark on wrist not specified]

See Also:

Hand Length; Thumb-Forefinger

HAND LENGTH; THUMB-FOREFINGER

Reference: HAND

Subject's right hand is extended, the tips of the thumb and forefinger lightly touching. Holding the bar of the sliding caliper parallel to the long axis of the thumb, measure from the wrist crease to the farthest point of digit 2.

N: 27

X: 11.88 cm; 4.68 in

SD: 1.02 cm; 0,40 in

V%: 8.62

Similar Dimensions:

None

See Also:

Hand Length

HAND SPREAD ACROSS WEDGE—1; distal joint of digit 1 to distal joint of digit 2

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the distal joint of digit 2 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 12.42 cm; 4.89 in SD: 1.41 cm; 0.55 in

V%: 11.34

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—2; distal joint of digit 1 to distal joint of digit 3

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the distal joint of digit 3 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

 \overline{X} : 14.58 cm; 5.74 in SD: 1.48 cm; 0.58 in

V%: 10.16

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—3; distal joint of digit 1 to distal joint of digit 4

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his

Hand Spread Across Wedge -3; distal joint of digit 1 to distal joint of digit 4-HAND (Continued)

thumb is on the right edge of the wedge and the distal joint of digit 4 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 15.43 cm; 6.07 in

SD: 1.52 cm; 0.60 in

V%: 9.88

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE-4; distal joint of digit 1 to distal joint of digit 5

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the distal joint of digit 5 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 15.36 cm; 6.05 in

SD: 1.37 cm; 0.54 in

V%: 8.93

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—5; distal joint of digit 1 to middle joint of digit 2

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the middle joint of digit 2 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last $\frac{1}{4}$ line completely cleared.

Hand Spread Across Wedge-5; distal joint of digit 1 to middle joint of digit 2-HAND (Continued)

N: 27

 \overline{X} : 10.49 cm; 4.13 in SD: 0.98 cm; 0.39 in

V%: 9.37

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE-6; distal joint of digit 1 to middle joint of digit 3

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the middle joint of digit 3 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last $\frac{1}{4}$ line completely cleared.

N: 27

 \overline{X} : 12.28 cm; 4.83 in

SD: 1.21 cm; 0.48 in

V%: 985

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE-7; distal joint of digit 1 to middle joint of digit 4

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the middle joint of digit 4 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last V_4 line completely cleared.

N: 27

X: 13.10 cm; 5:16 in

Hand Spread Across Wedge-7; distal joint of digit 1 to middle joint of digit 4-HAND (Continued)

SD: 1.20 cm; 0.47 in

V%: 9.15

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—8; distal joint of digit 1 to middle joint of digit 5

Reference: HAND

Subject places his right hand on the measuring wedge so that the distal joint of his thumb is on the right edge of the wedge and the middle joint of digit 5 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last V_4 line completely cleared.

N: 27

 \overline{X} : 13.41 cm; 5.28 in SD: 1.16 cm; 0.46 in

V%: 8.68

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—9; Crotch 1 of hand to distal joint of digit 2

Reference: HAND

Subject places his right hand on the measuring wedge so that crotch 1 is on the right edge of the wedge and the distal joint of digit 2 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges.

Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 10.75 cm; 4.23 in SD: 1.09 cm; 0.43 in

V%: 10.16

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—10; Crotch 1 of hand to distal joint of digit 3

Reference: HAND

Subject places his right hand on the measuring wedge so that crotch 1 is on the right edge of the wedge and the distal joint of digit 3 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 12.58 cm; 4.95 in

SD: 1.15 cm; 0.45 in

V%: 9.11

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—11; Crotch 1 of hand to distal joint of digit 4

Reference: HAND

Subject places his right hand on the measuring wedge so that crotch 1 is on the right edge of the wedge and the distal joint of digit 4 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

X: 13.01 cm; 5.12 in

SD: 1.40 cm; 0.55 in

V%: 10.74

Similar Dimensions:

None

HAND SPREAD ACROSS WEDGE—12; Crotch 1 of hand to distal joint of digit 5

Reference: HAND

Subject places his right hand on the measuring wedge so that crotch 1 is on the right

Hand Spread Across Wedge-12; Crotch 1 of hand to distal joint of digit 5 -HAND (Continued)

edge of the wedge and the distal joint of digit 5 is on the left edge of the wedge. Subject slides his hand down the sides of the wedge to the maximal spread while maintaining joint contact on the edges. Reading is taken at the last 1/4" line completely cleared.

N: 27

 \overline{X} : 12.72 cm; 5.01 in SD: 1.51 cm; 0.60 in

V%: 11.88

Similar Dimensions:

None

HAND SPREAD, MAXIMUM

Reference: HAND

Subject extends his right hand and spreads all five digits as far apart as possible. With a sliding or beam caliper, measure the maximum spread from the thumb tip to the edge of the fifth digit.

N: 27

X: 21.53 cm; 3.47 in

SD: 1.54 cm; 0.61 in

V%: 7.16

Similar Dimensions:

None

HAND THICKNESS AT METACARPALE III

Reference: NATO

Subject's right hand is held with the palm facing downward. The fingers are extended and together, but bent downward slightly on the meiacarpal axis from the plane of the palm. Using only the tips of the sliding caliper arms, with light pressure, measure the thickness of the metacarpal-phalangeal joint of the middle finger. The bar of the caliper may not be perpendicular to the plane of the palm.

Hand Thickness at Metacarpale III-NATO (Continued)

	Turkey	Greece	Italy
N:	915	1084	1358
\overline{X} :	3.15 cm; 1.24 in	3.21 cm; 1.26 in	2.94 cm; 1.16 in
SD:	0.23 cm; 0.09 in	0.19 cm; 0.07 in	0.18 cm; 0.07 in
V%:	7.31	6.01	6.15

Similar Dimensions:

Equivalent:

HANDS - MALE: Hand Thickness; Metacarpale III HANDS - FEMALE: Hand Thickness; Metacarpale III

KOREA: Thickness at Metacarpale III USAF '50: Thickness at Metacarpale III USN: Thickness at Metacarpale III

WAF RECRUITS: Thickness at Metacarpale III

Not Equivalent:

None

Indeterminable:

None

HAND THICKNESS; METACARPALE III

Reference: HANDS-FEMALE

Subject's right hand is extended. With the sliding caliper, measure the maximum thickness of the metacarpal-phalangeal joint of digit III.

N: 211

 \overline{X} : 2.76 cm; 1.09 in SD: 0.18 cm; 0.07 in

V%: 6.41

Similar Dimensions:

Equivalent:

HANDS - MALE: Hand Thickness; Metacarpale III

KOREA: Thickness at Metacarpale III NATO: Hand Thickness at Metacarpale III

Hand Thickness; Metacarpale III—HANDS-FEMALE (Continued)

USAF '50: Thickness at Metacarpale III USN: Thickness at Metacarpale III

WAF RECRUITS: Thickness at Metacarpale III

Not Equivalent:

None

Indeterminable:

None

HAND THICKNESS; METACARPALE III

Reference: HANDS-MALE

Subject's right hand is extended. With the sliding caliper, measure the maximum thickness of the metacarpal-phalangeal joint of digit III.

N: 148

X: 3.29 cm; 1.29 in SD: 0.20 cm; 0.08 in

V%: 5.99

Similar Dimensions:

Equivalent:

HANDS - FEMALE: Hand Thickness; Metacarpale III

KOREA: Thickness at Metacarpale III NATO: Hand Thickness at Metacarpale III USAF '50: Thickness at Metacarpale III

USN: Thickness at Metacarpale III

WAF RECRUITS: Thickness at Metacarpale III

Not Equivalent:

None

Indeterminable:

None

HAND WIDTH

Reference: AUSTRALIA

The maximum width of the palm in front of the thumb.

N: 3434

 \overline{X} : 9.75 cm; 3.84 in SD: 0.74 cm; 0.29 in

V%: [7.59]

Similar Dimensions:

Equivalent:

FRANCE '65: Largeur de la paume HRDLICKA: Hand Breadth

Not Equivalent:

AAF: Hand Breadth—distal end of second metacarpal . . . distal end of fifth metacarpal

ARMY '66: Hand Breadth-distal ends of the metacarpal bones

ARMY ARMORED: Hand Breadth—distal end of second metacarpal . . . distal end of fifth metacarpal

ARMY AVIATORS: Hand Breadth—maximum width . . . at the base of the fingers

ARMY QM: Hand Breadth—across the metacarpal-phalangeal joints

BARTER: Hand Breadth at Metacarpal 2—across the . . . metacarpal-phalangeal joint

FRANCE '65: Largeur de la main au niveau des têtes des métacarpiens—[widest points at the heads of the first and fifth metacarpals]

HANDS - FEMALE: Hand Breadth; Metacarpcie—across the back of her hand . . . between metacarpal-phalangeal joints Il and V

HANDS - MALE: Hand Breadth; Metacarpale—across the back of the hand . . . between metacarpal-phalangeal joints II and V

JAPAN: Hand Breadth at Metacarpale—across the distal ends of the metacarpal bones

KOREA: Hand Breadth at Metacarpale—across the distal ends of the metacarpal bones

MONTAGU: Hand Breadth—second metacarpo-phalangeal junction to . . . fifth metacarpo-phalangeal junction

MARTIN: Breite der rechten Hand—[between medial metacarpale and lateral metacarpale]

NATO: Hand Breadth at Metacarpale—across the distal ends of the metacarpal bones

NAVY RECRUITS: Hand Breadth—distal ends of the metacarpal bones

THAI: Hand Breadth-metacarpal-phalangeal joints

USAF '50: Hand Breadth at Metacarpale — across the distal ends of the metacarpal bones

Hand Width-AUSTRALIA (Continued)

USMC: Hand Breadth - distal ends of the metacarpal bones

USN: Hand Breadth - across the distal ends of the metacarpal bones

VIETNAM: Hand Breadth — metacarpal-phalangeal joints WAC: Hand Breadth — across the metacarpal-phalangeal joints

WAF RECRUITS: Hand Breadth at Metacarpale - across the distal ends of

the metacarpal bones

WASP: Hand Breadth - between . . . distal end of second metacarpal, and

distal . . . end of fifth metacarpal

Indeterminable:

None

See Also:

Hand Breadth at Thumb Hand Breadth; Metacarpale, Minimum

HAUTEUR BILABIALE [BILABIAL HEIGHT]

Reference: MONACO

Compas glissiere.

Points anatomiques : en haut : sommets des courbes de l'arc labial supérieur; en bas : sommet de la courbe labiale inférieure. Placer la tige du compas bien verticale et ses branches tangentes aux sommets des deux courbes.

[Sliding caliper.

Landmarks: superiorly—the uppermost points on the curves of the arc of the upper lip; inferiorly—the lowermost point on the curve of the lower lip.

The rod of the caliper should be held vertically, its branches tangent to the summits of the curves.

No Data Available

Simlar Dimensions:

Equivalent:

KOREA: Lip-to-Lip Distance

MARTIN: Hoehe der Schleimhautlippen

NATO: Lip-to-Lip Distance USAF '50: Lip-to-Lip Distance USN: Lip-to-Lip Distance

Not Equivalent:

None

Indeterminable:

None

HAUTEUR DE L'ÉPINE ILIAQUE ANTERO-SUPERIEURE [HEIGHT OF THE ANTERIOR SUPERIOR ILIAC SPINE]

Reference: FRANCE '65

Sujet au garde a vous. Hauteur au-dessus du sol de la saille de l'extrêmité antérieure de la crete iliaque.

[The subject stands at attention. Height from the ground to the most anterior projection of the iliac crest.]

Military Fighter Pilots

Military Transport Pilots Civilian Transport Pilots

N: 220

 \overline{X} : 98.14 cm; 38.63 in

98.03 cm; 38.59 in

98.66 cm: 38.84 in

SD: 4.44 cm; 1.74 in

4.93 cm; 1.94 in

4.18 cm; 1.64 in

V%: 4.52

5.02

4.24

Similar Dimensions:

Equivalent:

BULGARIA: Leg Length

MONTAGU: Right Iliospinale Height

Not Equivalent:

MARTIN: Hoehe des rechten vorderen oberen Darmbeinstachels ueber dem Boden - [the most inferior point of the anterior superior iliac spine to the floor]

Indeterminable:

None

See Also:

Pubes [Height] Hip Height

HAUTEUR DE LA FACE [FACIAL HEIGHT]

Reference: FRANCE '45

Mosurée du nasion (articulation fronto-nasale) au gnation (point le plus inférieur du menton).

Hauteur de la face [Facial Height]-FRANCE '65 (Continued)

[Measurement from nasion (fronto-nasal articulation) to gnathion (the most inferior point of the menton).]

Military Fighter Pilots

Military Transport Pilots Civilian Transport Pilots

N: 220

450

150

 \overline{X} : 12.35 cm; 4.86 in SD: 0.66 cm; 0.26 in

12.43 cm; 4.89 in 0.63 cm; 0.25 in

12.40 cm; 4.88 in 0.61 cm; 0.24 in

V%: 5.36

5.09

4.89

Similar Dimensions:

Equivalent:

ARMY QM: Face Length

COMAS: Morphological Facial Height

HRDLICKA: Face Height (Length), Morphological

MARTIN: Morphologische Gesichtshoehe MONACO: Diametre naso-mentonnier

NORWAY: Height of Face

WAC: Face Length

Not Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length) — to the nasal root

depression

MONTAGU: Morphological Facial Height — The lowest median point on the lower border of the mandible

NATO: Menton-Nasal Root Depression Length - nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) — to the nasal root depression

USMC: Face Length (Monton-Nasal Root Length) — to the nasal root depression

THAI: Face Length — depression of nose between eyes VIETNAM: Face Length — depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length — [landmark on chin not specified]
FRANCE '55: Distance racine du nez-Fossette mentonnière—[landmarks not specified]

HAUTEUR DE L'INTERLIGNE INTERNE DU GENOU [KNEE HEIGHT, STANDING]

Reference: FRANCE '65

Sujet au garde à vous. Hauteur au-dessus du sol, du bord supéro interne du plateau tibial à sa partie moyenne.

Hauteur de l'interligne interne du genou [Knee Height, Standing] - FRANCE '65 (Continued)

[The subject stands at attention. Height from the ground to the inner edge of the tibial plateau.]

Military Fighter Pilots

Military Transport Pilots Civilian Transport Pilots

N: 220

4 in

150

 \overline{X} : 45.83 cm; 18.04 in SD: 2.68 cm; 1.05 in

45.32 cm; 18.07 in 2.90 cm; 1.14 in

46.74 cm; 18.40 in 2.83 cm; 1.11 in

V%: 5.85

6.32

450

6.06

Similar Dimensions:

Equivalent:

ARMY QM: Lower Leg Length

BULGARIA: Length of the Lower Leg

GENEVA: Knee [Height]

MARTIN: Hoehe der rechten Kniegelenkfuge ueber dem Boden

MONTAGU: Right Tibiale Height

Not Equivalent:

COMAS: Leg Length-from tibiale to the sphyrion

NORWAY: Tibia Length - [measured from] the lowest point of the

malleolus internus

WOMEN: Tibiale Height — The subject placed her left foot on a chair

Indeterminable:

None

See Also:

Kneecap Height Leg Length

HAUTEUR DE LA TETE [HEIGHT OF THE HEAD]

Reference: MONACO

Instrument: toise anthropométrique.

Points anatomiques: en haut: vertex; en bas: bord supérieur du trou auditif, dont le point de repere (toujours à vérifier) est ordinairement le fond de l'échancrure comprise entre le tragus et l'hélix.

[Instrument: the anthropometer.

Landmarks: Superiorly—the vertex; inferiorly—the superior border of the auditory

Hauteur de la tête [Height of the Head]-MONACO (Continued)

opening, which ordinarily corresponds (but the point should always be verified) to the parts of the notch between the tragus and helix.]

Similar Dimensious:

Equivalent:

ARMY QM: Head Height MONTAGU: Head Height

Not Equivalent:

AAF: Head Height — from tragion to mid-longitudinal line on top of head ARMY '66: Head Height (Tragion-Vertex Height) — from . . . (tragion) . . . to the top of the head (vertex)

ARMY ARMORED: Head Height — from tragion to mid-longitudinal line on top of head

ARMY AVIATORS: Head Height — from the noich (tragion) . . . to the top of the head

COMAS: Height of the Head - from vertex to the tragion

HRDLICKA: Height of the Head — from the middle of the line connecting the floor of the 2 auditory canals, to bregma

KOREA: Head Height (Tragion to Vertex) — from . . . (tragion) . . . to the highest point of the head

MARTIN: Ganze Kopfhoehe — [Projected distance from the vertex to gnathion]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MARTIN SALLER: Ohrhoehe des Lopfes-[from tragion to vertex]
NATO: Tragion-to-Vertex Height --vertical distance from tragion to vertex

NAVY RECRUITS: Head Height (Tragion-Vertex Height)—from ...

(tragion) . . . to the top of the head (vertex)

USAF '50: Head Height (Tragion to Vertex)—vertical distance from . . . (tragion) . . . to the highest point of the head

USMC: Head Height (Tragion-Verte Height)—from . . . (tragion) . . . to the top of the head (vertex)

USN: Head Height (Tragion to Vertex)—vertical distance from tragion to vertex

THAI: Head Height—from . . . (tragion) to top of head head (vertex)

TUFTS: Head Height—from tragion . . . to mid-longitudinal line on top of head

VIETNAM: Head Height—from . . . (tragion) to top of head (vertex) WAC: Head Height—from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HAUTEUR DU GENOU [KNEE HEIGHT, SITTING]

Reference: FRANCE '65

Sujet assis à une hauteur convenable pour que la cuisse soit perpendiculaire à la jambe. Hauteur au-dessus du sol du bord superiéur de la cuisse immédiatement au-dessus de la rotule.

[The subject sits in a position such that the thigh is perpendicular to the lower leg. Height from the ground to the upper edge of the thigh just above the patella.]

Military Fighter Pilots

Military Transport Pilots Civilian Transport Pilots

N: 220

X: 53.76 cm: 21.16 in

53.86 cm; 21.20 in

150

SD: 2.30 cm; 0.90 in

2.51 cm; 0.98 in

54.08 cm: 21.33 in

2.05 cm; 0.80 in

V%: 4.27

4.67

450

3.80

Similar Dimensions:

Equivalent:

US ADULTS: Knee Height

Not Equivalent:

ARMY QM: Patella Height-one inch posterior to the anterior surface of the

INDIA: Knee Height—to the mid point of the thigh

WAC: Patella Height-to the most superior point of the patella

Indeterminable:

In the following, the landmark at the knee is not specified.

AAF: Patella Height

ARMY '66: Knee Height, Sitting ARMY ARMORED: Patella Height

FAA: Knee Height

JAPAN: Knee Height, Sitting KOREA: Knee Height, Sitting NATO: Knee Height, Sitting

NAVY RECRUITS: Knee Height, Sitting

THAI: Knee Height, Sitting TUFTS: Patella Height

USAF '50: Knee Height, Sitting USMC: Knec Height, Sitting USN: Knce Height, Sitting

Hauteur du genou [Knee Height, Sitting] - ! RANCE '65 (Continued)

VIETNAM: Kuee Height, Sitting

WASP: Patella Height

See Also:

Kueccap Height

HAUTEUR DU NEZ [NOSE LENGTH]

Reference: FRANCE '65

Mesurée du nasion (articulation fronto-nasale) au point sous nasal (jonction de la cloison nasale et de la lèvre supérieure).

[Measurement taken from the nasion (the fronto-nasal articulation) to a point under the nose (juncture of the nasal closure and the upper lip).]

Mi	litary Fighter Pilots	Military Transport Pilots	Civilian Transport Pilots
N	: 220	450	150
X	: 5.60 cm; 2.20 in	5.60 cm; 2.21 in	5.61 cm; 2.21 in
SD	: 0.44 cm; 0.17 in	0.42 cm; 0.17 in	0.42 cm; 0.17 in
V%	: 7.93	7.56	7.48

Similar Dimensions:

Equivalent:

ARMY QM: Nose Length COMAS: Nasal Height HRDLIČKA: Nose Height JAPAN: Nose Length KOREA: Nose Length MARTIN: Hoche der Nase MONACO: Hauteur du uez

NATO: Submasale-Nasal Root Depression Length

USAF '50: Nose Length USN: Nose Length WAC: Nose Length

Not Equivalent:

MONTAGU: Nasal Length—nasion †The point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

Indeterminable:

None

HAUTEUR DU NEZ [HEIGHT OF THE NOSE]

Reference: MONACO

Compas glissiere.

Points anatomiques : en haut : nasion; en bas : sous-cloison du nez, au niveau de son union avec la lèvre supérieure. Ne pas presser.

[Sliding caliper.

Landmarks: superiorly: the nasion; inferiorly: the nasal septum where it joins the upper lip. Do not press.].

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Nose Length COMAS: Nasal Height FRANCE '65: Hauteur du nez HRDLICKA: Nose Height JAPAN: Nose Length KOREA: Nose Length

MARTIN: Hoche der Nase NATO: Subrasale - Nasal Root Depression Length

USAF '50: Nose Length USN: Nose Length WAC: Nose Length

Not Equivalent:

MONTAGU: Nasal Length — nasion †The point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the mid-sagittal plane

Indeterminable:

None

HAUTEUR DU PIED [FOOT HEIGHT]

Reference: FRANCE '65

Sujet debout, au garde à vous. Hauteur au-dessus du sol, de la pointe de la malléole interne.

[The subject stands at attention. Height from the ground to the inferior point of the medial malleolus.]

Hauteur du pied [Foot Height]-FRANCE '65 (Continued)

Military Fighter Pilots	Military Transport Pilots	Civilian Transport Pilots	
N: 220	450	150	
X: 7.37 cm; 2.90 in	7.35 cm; 2.89 in	7.39 cm; 2.90 in	
SD: 0.49 cm; 0.19 in	0.59 cm; 0.23 in	0.52 cm; 0.20 in	
V%: 6.74	8.05	7.15	

Similar Dimensions:

Equivalent:

MARTIN: Hoehe der rechten inneren Knoechelspitze ueber dem Boden

MONTAGU: Right Sphyrion Height

NATO: Sphyrion Height

Not Equivalent:

BULGARIA: Medial Malleolus Height-from malieolus internus

GENEVA: Ankle [Height]—tip of the internal malleolus

JAPAN: Medial Malleolus Height —the medial malleolus . . . its most projecting point

KOREA: Lateral Malleolus Height—the lateral malleolus

KOREA: Medial Malleolus Height—the medial malleolus . . . its most projecting point

NATO: Ankle Height—the least circumference of the ankle [height to level of]

NATO: Lateral Malleolus Height-the lateral malleolus

NATO: Medial Malleolus Height—the medial malleolus . . . its most projecting point

USAF '50: Lateral Malleolus Height-the lateral malleolus

USAF '50. Medial Malleolus Height—the medial malleolus . . . its most projecting point

WAF RECRUITS: Ankle Height -- the medial ankle bone . . . the center of the area

WOMEN: Ankle Height-most medial point of the malleolus medialis

Indeterminable:

None

HAUTEUR SUPRA-STERNALE [SUPRASTERNALE HEIGHT]

Reference: FRANCE '65

Sujet au garde à vous. Hauteur au-dessus du sol, de la partie médiane du bord supérieur de la fourchette sternale.

Hauteur supra-sternale [Suprasternale Heigh -FRANCE'65 (Continued)

[The subject stands at attention. Height from the ground to the mid-point of the upper edge of the sternal notch.]

Military Fighter Pilots Military Transport Pilots Civilian Transport Pilots

N: 220 450 15

X: 140.54 cm; 55.33 in 140.72 cm; 55.40 in 141.26 cm; 55.61 in SD: 4.94 cm; 1.94 in 5.36 cm; 2.11 in 4.42 cm; 1.74 in

V%: 3.52 3.81 3.13

Similar Dimensions:

Equivalent:

FAA: Supresternal Height

GENEVA: Supra-sternal Notch [Height]

JAPAN: Suprasternale Height KOREA: Suprasternale Height

MARTIN: Hoehe des oberen Brustbeinrandes ueber dem Boden

MONTAGU: Suprasternal Height NATO: Suprasternale Height USAF '50: Suprasternale Height USN: Suprasternale Height

Not Equivalent:

None

Indeterminable:

None

HAUTEUR TOTALE DU VISAGE [HEIGHT OF THE FACE, TOTAL]

Reference: MONACO

Compas glissiere.

Points anatomiques dans le plan médian : en haut : naissance des cheveux ; en bas bord inférieur de la mandibule, en pressant un peu pour ne pas tenir compte des épaisseurs adipeuses.

[Sliding calipe '.

Landmarks in the median plane: superiorly: the hair line; inferiorly: the inferior border of the lower jaw. A slight pressure is to be used to discount the soft parts.]

No Data Available

Hauteur totale du visage [Height of the Face, Total] -MONACO (Continued)

Similar Dimensions:

Equivalent:

HRDLIČKA: Face Height, Physiognomic MARTIN: Physiognomische Gesichtshoehe MONTAGU: Physiognomic Facial Length

Not Equivalent:

COMAS: Physiognomic Facial Height—from trichion the mid-point at the hairline on the foreheadt to gnathion the lowest point on the lower border of the chin

KOREA: Menton-Crinion Length—from the tip at the bottom surface of the chin (menton)

USAF '50: Menton-Crinion Length—from the tip at the bottom surface of the chin (menton)

Indeterminable:

None

See Also:

Morphological Facial Height Morphological Upper Facial Height

HAUTEUR YEUX-SIEGE [EYE HEIGHT, SITTING]

Reference: FRANCE '65

Sujet assis, redressé au maximum, la tête dans le plan de Francfort. Distance entre le plan du siège et le plan pupillaire.

[The subject sits maximally erect, his head held in the Frankfort plane. The distance is measured between the plane of the seat and the plane of the pupil.]

Military Fighter Pilots | Military Transport Pilots | Civilian Transport Pilots

N: 220 450 150 X: 80.35 cm; 31.63 in 80.65 cm; 31.75 in 80.85 cm; 31.83 in SD: 2.94 cm; 1.15 in 3.59 cm; 1.41 in 2.84 cm; 1.11 in V%: 3.66 4.45 3.51

Similar Dimensions:

Equivalent:

FAA: Sitting Eye Height WASP: Eye Height

Hauteur yeux-siege [Eye Height, Sitting]—FRANCE '65 (Continued)

Not Equivalent:

ARMY '66: Eye Height, Sitting—to the inner corner . . . of the right eye ARMY AVIATORS: Eye Height Sitting—to the inner corner of the eye

KOREA: Eye Height (Internal Canthus Height) - from the floor

KOREA: Eye Height, Sitting (Internal Canthus Height, Sitting)—to the inner corner of the eye

NATO: Eye Height, Sitting (Internal Canthus Height, Sitting)—to the inner corner of the right eye

NAVY RECRUITS: Eye Height, Sitting—to the inner corner . . . of the right eye

THAI: Eye Height, Sitting-to the level of inner corner of right eye

USAF '50: Eye Height, Sitting (Internal Canthus Height, Sitting)—to the inner corner of the eye

USMC: Eye Height, Sitting-to the inner corner . . . of the right eye

Indeterminable:

None

See Also:

Eye Height (Internal Canthus Height)

HEAD [WIDTH]

Reference: INDIA

Width between two temporal region[s] by the help of anthropometer or block.

N: 691

X: 15.23 cm; 6.00 in

SD: 0.59 cm; 0.23 in

V%: [3.87]

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLIČKA: Head Breadth
JAPAN: Head Breadth

Head [Width] -INDIA (Continued)

KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: ARMY '66

Subject sits erect, with head level. The maximum horizontal breadth of the head is measured above and behind the ears. Spreading calipers are used.

N: 6682

 \overline{X} : 15.26 cm; 6.01 in SD: 0.58 cm; 0.23 in

V%: 3.83

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth

Head Breadth-ARMY '66 (Continued)

INDIA: Head [Width]
JAPAN: Kead Breadth
KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: ARMY AVIATORS

The maximum breadth of the head.

N: 500

 \overline{X} : 15.54 cm; 6.12 in SD: 0.53 cm; 0.21 in

V%: [3.41]

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width]

Head Breadth-ARMY AVIATORS (Continued)

JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: ARMY QM

The maximum breadth of the head taken perpendicularly to [the head length] †length of the head taken from glabella †the most anterior point in the mid-line of the head between the brow ridges† to the most posterior point in the midline of the head †.

N: 24.447

 \overline{X} : 15.21 cm; 5.99 in SD: 0.59 cm; 0.23 in

V%: [3.88]

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

COMAS: Head Breadth

Head Breadib-ARMY CM (Continued)

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFIS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: COMAS

tWith subject in sitting position [T]he maximum of the head, euryon the most laterally projecting point on the sides of the head above the supra mastoid and zygomatic crests to euryon (sp.c.).

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth

Head Breadth-COMAS (Continued)

FRANCE '65: Largeur maximum de la têie

HRDLICKA: Head Breadth
INDIA: Hevd [Width]
JAPAN: Head Breadth
KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: HRDLIČKA

The greatest transverse diameter in the horizontal plane which can be found on the vault by the spreading caliper.

No Data Available

Similar Dimensions:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

INDIA: Head [Width]
JAPAN: Head Breadth

Head Breadth-HRDLICKA (Continued)

KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: La geur maxima de la icte ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breakla

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: JAPAN

Holding the spreading caliper near its tips, measure the maximum breadth of the head in a plane perpendicular to the mid-sagittal plane.

N: 234

X: 15.76 cm; 6.20 in SD: 0.61 cm; 0.24 in

V%: 3.90

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

Head Breadsh-JAPAN (Continued)

HRDLICKA: Head Breadth INDIA: Head [Width] KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THA1: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: KOREA

Holding the spreading caliper near its tips, measure the maximum breadth of the head in a plane perpendicular to the mid-sagittal plane.

N: 264

 \overline{X} : 15.49 cm; 6.09 in SD: 0.74 cm; 0.29 in

V%: 4.93

Similar Dimensions:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur muximum de la tête

Head Breadth-KOREA (Continued)

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth

MARTIN: Groessts Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THA1: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth
WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: NATO

Subjects sits. Holding the spreading caliper near the tips, measure the maximum breadth of the head in a line perpendicular to the midsagittal plane.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	15.68 cm; 6.17 in	15.45 cm; 6.08 in	15.54 cm; 6.12 in
SD:	0.60 cm; 0.24 in	0.63 cm; 0.25 in	0.59 cm; 0.23 in
V%:	3.83	4.05	3.80

Similar Dimensions:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth

Head Breadth-NATO (Continued)

COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: NAVY RECRUITS

Subject sits erect, with head level. The maximum horizontal breadth of the head is measured above and behind the ears. Spreading calipers are used.

N: 4095

X: 15.24 cm; 6.00 in SD: 0.58 cm; 0.23 in

V%: 3.76

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth

Head Breadth-NAVY RECRUITS (Continued)

INDIA: Head [Width]
JAPAN: Head Breadth
KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: THAI

Measured as maximum breadth of head, above and behind ears.

N: 2950

 \overline{X} : 15.2 cm; 6.0 in SD: 0.7 cm; 0.3 in

V%: 4.6

Similar Dimensions:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

Head Breadth-THAI (Continued)

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum iserd Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

TUFTS: Breadth [Head] USAF '50: Head Breadth USMC: Head Breadth USN: Head Breadth

VIETNAM: Head Breadth WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: USAF '50

Holding the spreading caliper near its tips, measure the maximum breadth of the head in a plane perpendicular to the mid-sagittal plane.

N: 4059

X: 15.41 cm; 6.07 in SD: 0.51 cm; 0.20 in V%: 3.33

.

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth

Head Breadth-USAF '50 (Continued)

KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou d'amètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth TUFTS: Breadth [Head] USMC: Head Breadth USN: Head Breadth VIETNAM: Head Breadth

WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: USMC

Subject sits erect, with head level. The maximum horizontal breadth of the head is measured above and behind the ears. Spreading calipers are used.

N: 2008

X: 15.26 cm; 6.01 in SD: 0.55 cm; 0.22 in

V%: 3.74

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width]

Head Breadth-USMC (Continued)

JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamétre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: USN

Subject sits. Holding the spreading caliper near the tips, measure the maximum breadth of the head in a line perpendicular to the midsagittal plane.

N: 1549

 \overline{X} : 15.57 cm; 6.13 in SD: 0.53 cm; 0.21 in

V%: 3.39

Similar Dimensions:

Equivalent:

ARMY '66: Elead Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

Head Breadth-USN (Continued)

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
VIETNAM: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: VIETNAM

Measured as maximum breadth of head, above and behind ears.

N: 2128

 \overline{X} : 14.9 cm; 5.9 in SD: 0.6 cm; 0.24 in

V%: 4.0

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth

Head Breadth-VIETNAM (Continued)

INDIA: Head [Width]
JAPAN: Head Breadth
KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
WAC: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† Measurer stood to rear of subject. Measurement taken as the maximum head breadth perpendicular to †the mid-sagittal plane†.

N: 8500

 \overline{X} : 14.57 cm; 5.74 in SD: 0.55 cm; 0.22 in

V%: [3.77]

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth

Head Breadth-WAC (Continued)

COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maximo,

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF '50: Head Breadth
USMC: Head Breadth
USN: Head Breadth

VIETNAM: Head Breadth

WAF RECRUITS: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD BREADTH

Reference: WAF RECRUITS

Measure the maximum breadth of the head with the spreading caliper perpendicular to the mid-sagittal plane of the head.

N: 847

 \overline{X} : 14.49 cm; 5.71 ir. SD: 0.50 cm; 0.20 in

7%: 3.45

Similar Dimensions:

Equivalent:

ARMY '66: Head Breadth

Head Breadt -WAF RECRUITS (Continued)

ARMY AVIATORS: Head Breadth

ARMY QM: Head Breadth COMAS: Head Breadth

FRANCE '65: Largeur maximum de la tête

HRDLICKA: Head Breadth INDIA: Head [Width] JAPAN: Head Breadth KOREA: Head Breadth

MARTIN: Groesste Breite des Kopfes

MONACO: Largeur maxima de la tête ou diamètre transverse maxima

MONTAGU: Maximum Head Breadth

NATO: Head Breadth

NAVY RECRUITS: Head Breadth NORWAY: Maximum Head Breadth

THAI: Head Breadth
TUFTS: Breadth [Head]
USAF'50: Head Breadth
USMC: Head Breadth
USN: Head Breadth
VIETNAM: Head Breadth

WAC: Head Breadth

Not Equivalent:

None

Indeterminable:

None

HEAD CIRCUMFERENCE

Reference: AAF

Maximum of three attempts. [sketch indicates measurement taken above brow ridges]

Gunners

Cadets

N: 2955

Median: 56.89 cm; 22.4 in 56.37 cm; 22.2 in

SD: NDA NDA NDA NDA

Head Circumference-AAF (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference
USAF'50: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference—from glabella

MARTIN: Horizontalumfang des Kopfes—[tape...on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

TUFTS: Circumference [Head]—[exclusion of brow ridges not specified]

HEAD CIRCUMFERENCE

Reterence: ARMY '66

Subject sits erect, with head level. The maximum circumference of the head is measured. A steel tape is used, with the tape passing just above the bony brow ridges of the forehead and above both ears.

Head Circumserence-ARMY '56 (Continued)

N: 6682

X: 56.10 cm; 22.09 in SD: 1.60 cm; 0.63 in

V%: 2.86

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference

KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes-[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head-to the glabella

Indeterminable:

TUFTS: Circumference [Hcad]—[exclusion of brow ridges not specified]

HEAD CIRCUMFERENCE

Reference: ARMY ARMORED

Maximum of three attempts.

Head Circumference-ARMY ARMORED (Continued)

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference

FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête

HRDLIČKA: Head Circumference

JAPAN: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumserence

USAF'50: Head Circumference

USMC: Head Circumference

USN: Head Circumference VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

TUFTS: Circumference [Head]—[exclusion of brow ridges not specified]

HEAD CIRCUMFERENCE

Reference: ARMY AVIATORS

The maximum circumference of the head, measured above the brow ridges.

Head Circu inference-ARMY AVIATORS (Continued)

N: 500

 \overline{X} : 57.12 cm; 22.49 in SD: 1.38 cm; 0.55 in

V%: [2.42]

Similar Dimensions:

Equivalent:

AAF: Head Circumference ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference

ARMY QM: Head Circumference FAA: Head Circumference

FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLICKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF'50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

TUFTS: Circumference [Head]—[exclusion of brow ridges not specified]

HEAD CIRCUMFERENCE

Reference: ARMY QM

With subject sitting, the maximum circumference of the head is taken above the

Head Circumference-ARMY QM (Continued)

brow ridges. Firm pressure is used to compress the hair. Measured three times and the maximum recorded.

N: 24466

 \overline{X} : 56.65 cm; 22.30 in SD: 1.58 cm; 0.62 in

7%: [2.79]

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference THAI: Head Circumference USAF '50: Head Circumference

USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference—from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: BULGARIA

[M]easured with a centimeter tape in an (approximately) horizontal plane, from glabella to opisthocranion.

 Men
 Women

 N: 1656
 1578

 \overline{X} : [56.80 cm; 22.36 in]
 [54.92 cm; 21.62 in]

 Est SD: [1.94 cm; 0.76 in]
 [1.75 cm; 0.69 in]

 Est V%: [3.41]
 [3.19]

Similar Dimensions:

Equivalent:

MARTIN: Horizontalumfang des Kopfes

MONTAGU: Maximum Circumference of the Head

Not Equivalent:

AAF: Head Circumference—[sketch indicates . . . above brow ridges]
ARMY '66: Head Circumference—just above the bony brow ridges

ARMY ARMORED: Head Circumference—[reference generally follows reference AAF]

ARMY AVIATORS: Head Circumference-above the brow ridges

ARMY OM: Head Circumference-above the brow ridges

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

FAA: Head Circumference-immediately above the brow ridges

FRANCE '55: Tour de tête—[touching the occipital, parietal, temporal and frontal regions]

FRANCE '65: Périmètre de la tête—[between the frontal lobes and the eyebrow arches]

HRDLICKA: Head Circumference—above the ... ridges JAPAN: Head Circumference—above ... the brow ridges KOREA: Head Circumference—above ... the brow ridges NATO: Head Circumference—above ... the brow ridges

NAVY RECRUITS: Head Circumference--just above the bony brow ridges

THAI: Head Circumference—above eyebrow ridges

USAF '50: Head Circumference—above . . . the brow ridges USMC: Head Circumference—just above the bony brow ridges

USN: Head Circumfernce—above . . . the brow ridges VIETNAM: Head Circumference—above eyebrow ridges

WAC: Head Circumference—just above glabella

WAF RECRUITS: Head Circumference—over [above] the brow ridges WASP: Head Circumference—[sketch indicates...above brow ridges]

Indeterminable:

TUFTS: Circumference [Head]-[no landmarks specified]

Reference: FAA

The maximum horizontal circumference of the head immediately above the brow ridges.

N: 478

X: 57.90 cm; 22.80 in

SD: 1.58 cm; 0.62 in

V%: 2.73

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLICKA: Head Circumference

JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM. Head Circumference WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumjang des Kopfes—[tape...on glabella]
MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: HRDLIČKA

Taken with anthropometric tape, about the maximum expanse of the vault, and properly above the supraorbital ridges.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Head Circumference ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête FRANCE '65: Périmètre de la tête

JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference
USAF '50: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference
WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape...on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: JAPAN

Subject sits. With the tape passing above (but not including) the brow ridges, measure the maximum circumference of the head.

N: 239

 \overline{X} : 56.38 cm; 22.20 in SD: 1.43 cm; 0.56 in

V%: 2.50

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLICKA: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes-[tape . . . on glabelia] MONTAGU: Maximum Circumference of the Head-to the glabella

Indeterminable:

Reference: KOREA

Subject sits. With the tape passing above (but not including) the brow ridges, measure the maximum circumference of the head.

N: 264

 \overline{X} : 55.97 cm; 22.04 in SD: 1.45 cm; 0.57 in

V%: 2.59

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Férimètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang dcs Kopfes-[tape...on glabella] MONTAGU: Maximum Circumference of the Head-to the glabella

Indeterminable:

Reference: NATO

Subject sits. With the tape passing above (but not including) the brow ridges, measure the maximum circumference of the head.

	Turkey	Greece	Italy
N:	915	1084	1358
$\overline{\mathbf{X}}$:	55.16 cm; 21.72 in	55.65 cm; 21.91 in	56.51 cm; 22.25 in
SD:	1.48 cm; 0.58 in	1.48 cm; 0.58 in	1.39 cm; 0.55 in
V%:	2.68	2.65	2.47

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

APMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference
USAF '50: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference
WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASF: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[iape...on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: NAVY RECRUITS

Subject sits erect, with head level. The maximum circumference of the head is measured. A steel tape is used, with the tape passing just above the bony brow ridges of the forehead and above both ears.

N: 4095

 \overline{X} : 55.93 cm; 22.02 in SD: 1.57 cm; 0.62 in

V%: 2.79

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARIAY '66: Head Circumference

ARMY ARMORED: Head Circumference

ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête

HRDLIČKA: Head Circumference

JAPAN: Head Circumference

KOREA: Head Circumference

NATO II. I C'

NATO: Head Circumference

THAI: Head Circumference

USAF '50: Head Circumference

USMC: Head Circumference

USN: Head Circumference

VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: THAI

Measured as maximum circumference of head with tape passing over forehead above eyebrow ridges and just above both ears.

N: 2950

 \overline{X} : 54.0 cm; 21.3 in SD: 1.4 cm; 0.6 in

V%: 2.6

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

USAF '50: Head Circumference USMC: Head Circumference USN: Head Circumference VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape...on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: USAF '50

Subject sits. With the tape passing above (but not including) the brow ridges, measure the maximum circumference of the head.

N: 4056

 \overline{X} : 57.07 cm; 22.47 in SD: 1.58 cm; 0.62 in

V%: 2.77

Similar Dimensions:

Equivalent:

AAF: Head Circumference ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference FAA: Head Circumference

FRANCE '55: Tour de tête

FRANCE '65: Périmètre d? la tête HRDLICKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumserence

THA1: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape... on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: USMC

Subject sits erect, with head level. The maximum circumference of the head is measured. A steel tape is used, with the tape passing just above the bony brow ridges of the forehead and above both ears.

N: 2008

 \overline{X} : 56.13 cm; 22.10 in SD: 1.54 cm; 0.61 in

V%: 2.74

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference

FRANCE '55: Tour de tête FRANCE '65: Périmètre de la tête

HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference USAF '50: Head Circumference USN: Head Circumference VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape...on glabella]
MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: USN

Subject sits. With the tape passing above (but not including) brow ridges, measure the maximum circumference of the head.

N: 1549

 \overline{X} : 57.54 cm; 22.65 in SD: 1.40 cm; 0.55 in

V%: 2.44

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLICKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference
USAF '50: Head Circumference
USMC: Head Circumference
VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: VIETNAM

Measured as maximum circumference of head with tape passing over forehead above eyebrow ridges and just above both ears.

N: 2129

X: 54.2 cm; 21.3 in

SD: 1.4 cm; 0.6 in

V%: 2.6

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference

ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête

HRDLIČKA: Head Circumference JAPAN: Head Circumference KOREA: Head Circumference

NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference

USAF '50: Head Circumference USMC: Head Circumference

USN: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape...on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† Measurement taken as the maximum circumference of the head when the lower edge of the tape passes just above glabella. Not necessarily horizontal. Enough pressure exerted to compress the hair.

N: 8518

 \overline{X} : 55.16 cm; 21.72 in SD: 1.56 cm; 0.61 in

V%: [2.83]

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference

JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference.
USAF '50: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference

WAF RECRUITS: Head Circumference

WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size)—one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes-[tape...on glabella] MONTAGU: Maximum Circumference of the Head-to the glabella

Indeterminable:

Reference: WAF RECRUITS

Subject sits. Measure the maximum circumference of the head with the tape passing over the brow ridges and held perpendicular to the mid-sagittal plane, but not necessarily horizontally.

N: 847

 \overline{X} : 54.59 cm; 21.49 in SD: 1 73 cm; 0.68 in

SD: 73 cm; 0.08 V公: 3.17

Similar Dimensions:

Equivalent:

AAF: Head Circumference ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête HRDLIČKA: Head Circumference

JAPAN: Head Circumference KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference
USAF '50: Head Circumference
USMC: Head Circumference
USN: Head Circumference
VIETNAM: Head Circumference
WAC: Head Circumference
WASP: Head Circumference

Not Equivalent:

AUSTRALIA: Head Circumference (Size) -- one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes—[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head—to the glabella

Indeterminable:

Reference: WASP

Maximum of three attempts. [Sketch indicates measurement taken above brow. ridges.]

Women Pilots

Flying Nurses

N: 440

 \overline{X} : 55.20 cm; 21.73 in

SD: NDA

54.59 cm; 21.49 in

NDA

V%: NDA

NDA

Similar Dimensions:

Equivalent:

AAF: Head Circumference

ARMY '66: Head Circumference

ARMY ARMORED: Head Circumference

ARMY AVIATORS: Head Circumference

ARMY QM: Head Circumference

FAA: Head Circumference FRANCE '55: Tour de tête

FRANCE '65: Périmètre de la tête

HRDLIČKA: Head Circumference

JAPAN: Head Circumference

KOREA: Head Circumference NATO: Head Circumference

NAVY RECRUITS: Head Circumference

THAI: Head Circumference

USAF '50: Head Circumference

USMC: Head Circumference

USN: Head Circumference

VIETNAM: Head Circumference

WAC: Head Circumference

WAF RECRUITS: Head Circumference

Net Equivalent:

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

BULGARIA: Head Circumference-from glabella

MARTIN: Horizontalumfang des Kopfes-[tape . . . on glabella] MONTAGU: Maximum Circumference of the Head-to the glabella

Indeterminable:

HEAD CIRCUMFERENCE (SIZE)

Reference: AUSTRALIA

Horizontal circumference measured around the head one-half inch above the cars,

N: 3529

 \overline{X} : 57.22 cm; 22.53 in SD: 1.69 cm: 0.67 in

V%: [2.95]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Head Circumference—[sketch indicates . . . above brow ridges]
ARMY '66: Head Circumference—just above the bony brow ridges

ARMY ARMORED: Head Circumference—[reference generally follows reference AAF]

ARMY AVIATORS: Head Circumference-above the brow ridges

ARMY QM: Head Circumference—above the brow ridges BULGARIA: Head Circumference—from glabella

FAA: Head Circumference-immediately above the brow ridges

FRANCE '55: Tour de tête—[touching the occipital, parietal, temporal and frontal regions]

FRANCE '65: Périmètre de la tête—[between the frontal lobes and the eyebrow arches]

HRDLICKA: Head Circumference—above the . . . ridges JAPAN: Head Circumference—above . . . the brow ridges KOREA: Head Circumference—above . . . the brow ridges MARTIN: Horizontalumfang dcs Kopfes—[tape . . . on glabella]

MCNTAGU: Maximum Circumference of the Head—to the glabella

NATO: Head Circumference—above . . . the brow ridges

NAVY RECRUITS: Head Circumference—just above the bony brow ridges

THAI: Head Circumference-above eyebrow ridges

USAF '50: Head Circumference—above . . . the brow ridges USMC: Head Circumference—just above the bony brow ridges

USN: Head Circumference—above . . . the brow ridges VIETNAM: Head Circumference—above eyebrow ridges

WAC: Head Circumference-just above glabella

WAF RECRUITS: Head Circumference—over [above] the brow ridges WASP: Head Circumference—[sketch indicates . . . above brow ridges]

Indeterminable:

TUFTS: Circumference [Head]-[no landmarks specified]

1. 11/2000 M

HEAD DIAGONAL: NUCHALE TO PRONASALE

Reference: NATO

Subject sits erect, his head in the Frankfort plane. With one arm of the anthropometer held at the nuchale landmark the lowest point in the mid-sagittal plane of the occiput that can be palpated amid the nuchal musclest, measure the maximum diagonal distance to the tip of the nose.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	19.84 cm; 7.81 in	19.96 cm; 7.86 in	20.10 cm; 7.91 in
SD:	0.82 cm; 0.32 in	0.74 cm; 0.29 in	0.77 cm; 0.30 in
V%:	4.15	3.72	3.84

Similar Dimensions:

None

See Also:

Head Length

HEAD-EYEBROW ARC

Reference: FAA

The length of the arc between the points of greatest indentation of the temporal crests.

N: 478

 \overline{X} : 35.26 cm; 13.88 in

SD: 1.60 cm; 0.63 in

V%: 4.55

Similar Dimensions:

Equivalent:

KOREA: Minimum Frontal Arc NATO: Minimum Frontal Arc USAF '50: Minimum Frontal Arc

Not Equivalent:

None

Indeterminable:

None

HEAD HEIGHT

Reference: AAF

Head in horizontal plane determined by line joining bottom of bony orbit and the tragion point twhere the tragus of the ear terminates superiorly, i.e., the superior corner, toward the head, of the main excavation (concha) of the external eart. Perpendicular height from tragion to mid-longitudinal line on top of head; average of readings for both sides.

Cadets

Gunners

N: 2956

584

Median: 15.22 cm; 5.2 in

13.02 cm: 5.1 in

SD: NDA V%: NDA NDA

NDA

Similar Dimensions:

Equivalent:

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex) MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex) USMC: Head Height (Tragion-Vertex Height) USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MAR'TIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole? to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Head Height-AAF (Continued)

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION-VERTEX HEIGHT)

Reference: ARMY '66

Subject sits erect, with head level. Head height is measured as the vertical distance from the cartilaginous notch (tragion) at the front of the right ear to the top of the lead (vertex). An anthropometer is used.

N: 6682

 \overline{X} : 13.23 cm; 5.21 in SD: 0.78 cm; 0.31 in

V%: 5.99

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Verter)
MARTIN-SALLER: Ohrhoche des Kopjes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)
USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QN: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the floor of the 2 auditory canals, to bregma

Head Height (Tragion-Vertex Height)-ARMY '66 (Continued)

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Korfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of

the head

MONACO: Hauteur de la tete-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: ARMY ARMORED

Head in horizontal eye-ear plane. Perpendicular height from tragion twhere the tragus of the ear terminates superiorly, i.e., the superior corner, toward the head, of the main excavation (concha) of the external eart to mid-longitudinal line on top of head; average of readings for both sides.

Reference cites AAF data for this dimension.

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex) MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Head Height—ARMY ARMORED (Continued)

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLIČKA: Height of the Head-from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of

the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: ARMY AVIATORS

The vertical distance from the notch (tragion) just forward of the upper edge of the right ear hole to the top of the head.

N: £00

X: 12.67 cm; 4.99 in

SD: 0.64 cm; 0.25 in

V%: [5.05]

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoche des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

Head Height-ARMY AVIATORS (Continued)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MONTAGU: Head Height—[from roof of ear hole] to the level of the top of

the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† With anthropometer held vertically, measurement is taken between porion † the highest point on the lateral margin of the external auditory meatus or ear opening† and apex † the point on the superior surface of the head in the mid-line vertically above porion†. Taken on right and left sides and average recorded.

N: 24630

 \overline{X} : 13.11 cm; 5.16 in

SD: 0.60 cm; 0.24 in

V%: [4.58]

Head Height-ARMY QM (Continued)

Similar Dimensions:

Equivalent:

MONTAGU: Head Height MONACO: Hauteur de la tête

Not Equivalent:

AAF: Head Height—from tragion to mid-longitudinal line on top of head ARMY '66: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

ARMY ARMORED: Head Height-from tragion to mid-longitudinal line on top of head

ARMY AVIATORS: Head Height-from the notch (tragion) . . . to the top of the head

COMAS: Height of the Head-from vertex to the tragion

HRDLICKA: Height of the Head-from the middle of the line connecting the floor of the 2 auditory canals, to bregma

KOREA: Head Height (Tragion to Vertex)—from . . . (tragion) . . . to the highest point of the head

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN-SALLER: Ohrhoehe des Kopfes-[from tragion to vertex]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

NATO: Tragion-to-Vertex Height—vertical distance from tragion to vertex NAVY RECRUITS: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

THAI: Head Height-from (tragion) to top of head (vertex)

TUFTS: Head Height—from tragion... to mid-longitudinal line on top of head USAF '50: Head Height (Tragion to Vertex)—vertical distance from . . . (tragion) . . . to the highest point of the head

USMC: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

USN: Head Height (Tragion to Vertex)—vertical distance from tragion to vertex

VIETNAM: Head Height—from ... (tragion) to top of head (vertex) WAC: Head Height—from apex ... to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION TO VERTEX)

Reference: KOREA

Subject holds his head in the Frankfert plane but turns it slightly to the left to clear the anthropometer. Measure the vertical distance from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the highest point of the head with the instrument arm firmly touching the scalp.

N: 264

 \overline{X} : 13.04 cm; 5.13 in SD: 0.89 cm; 0.36 in

V%: 6.83

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

MARTIN-SALLER: Ohrhoche des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height
TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: MONTAGU

The fiber-tipped movable horizontal rods are inserted into the ear holes so that they touch the roof of the latter, the rods are then secured by screws. The orbital arm is then placed at the level of the most inferior point on the infraorbital margin and kept there. As long as this position is maintained the head is in the Frankfurt Plane in relation to the measuring ruler. The latter is then released to the level of the top of the head, and the measurement read off.

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Head Height MONACO: Hauteur de la tête

Not Equivalent:

AAF: Head Height-from tragion to mid-longitudinal line on top of head ARMY '66: Head Height (Tragion-Vertex Height)-from . . . (tragion) . . . to ARMY ARMORED: Head Height-from tragion to mid-longitudinal line on ARMY AVIATORS: Head Height-from the notch (tragion) . . . to the top

COMAS: Height of the Head-from vertex to the tragion

HRDLICKA: Height of the Head-from the middle of the line connecting the

KOREA: Head Height (Tragion to Vertex)-from . . . (tragion) . . . to the

MARTIN: Ganze Kopfhoehc-[Projected distance from the vertex to gnathion] MARTIN-SALLER: Ohrhoche des Kopfes-[f:sm tragion to vertex]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma] NATO: Tragion-to-Vertex Height-vertical distance from tragion to vertex NAVY RECRUITS: Head Height (Tragicn-Verter Height)-from . . . (tra-

gion) . . . to the top of the head (vertex) THAI: Head Height-from (tragion) to top of head (vertex) TUFTS: Head Height-from tragion . . . to mid-longitudinal line on top of head USAF '50: Head Height (Tragion to Vertex)-vertical distance from . . .

USMC: Head Height (Tragion-Vertex Height)-from . . . (tragion) . . . to the

USN: Head Height (Tragion to Vertex)-vertical distance from tragion to vertex

Head Height-MONTAGU (Continued)

VIETNAM: Head Height-from . . . (tragion) to top of head (vertex)

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION-VERTEX HEIGHT)

Reference: NAVY RECRUITS

Subject sits erect, with head level. Head height is measured as the vertical distance from the cartilaginous notch (tragion) at the front of the right ear to the top of the head (vertex). An anthropometer is used.

N: 4095

 \overline{X} : 13.53 cm; 5.33 in SD: 0.86 cm; 0.34 in

V%: 6.30

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

Head Height (Tragion-Vertex Height)—NAVY RECRUITS (Continued)

HRDIJICKA: Height of the Head—from the middle of the line connecting the floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: THAI

Measured as distance from notch at front of right ear (tragion) to top of head (vertex).

N: 2950

 \overline{X} : 12.8 cm; 5.04 in

SD: 1.0 cm; 0.39 in

V%: 7.8

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height

COMAS: Height of the Head KOREA: Head Height (Tragion to Vertex)

MARTIN-SALLER: Ghrhoehe des Kopfes NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Verter Height)

TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)

Head Height-THAI (Continued)

USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Verter)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLIČKA: Height of the Head-from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Gauze Kopfhoehe—[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: TUFTS

Head in horizontal plane determined by line joining bottom of bony orbit and the tragion point. Perpendicular height from tragion the point where the tragus of the car terminates superiorly, i.e., the superior corner, toward the head, of the main excavation (concha) of the external eart to mid-longitudinal line on top of head; average of readings for both sides.

No Data Available

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height

Head Height-TUFTS (Continued)

COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoche des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)
USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height—between porion . . . and apex

HRDLICKA: Height of the Head--from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MONTAGED: Head Height-[from roof of ear hole] to the level of the top of

the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditary opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION TO VERTEX)

Reference: USAF '50

Subject holds his head in the Frankfort plane but turns it slightly to the left to clear the anthropometer. Measure the vertical distance from the cartilaginous notch (tragion) just forward of the upper edge of the right ear hole to the highest point of the head with the instrument arm firmly touching the scalp.

N: 4061

X: 12.97 cm; 5.11 in

SD: 0.77 cm; 0.30 in

V%: 5.90

Head Height (Tragion to Vertex)-USAF'50 (Continued)

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex) MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USMC: Head Height (Tragion-Vertex Height)

USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION-VERTEX HEIGHT)

Reference: USMC

Subject sits erect, with head level. Head height is measured as the vertical distance

Head Height (Tragion-Vertex Teight)-USMC (Continued)

from the cartilaginous notch (tragion) at the front of the right ear to the top of the head (vertex). An anthropometer is used.

N: 2008

 \overline{X} : 13.38 cm; 5.27 in SD: 0.68 cm; 0.27 in

V%: 5.10

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USN: Head Height (Tragion to Vertex)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head—from the middle of the line connecting the floer of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoche-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height--[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT (TRAGION TO VERTEX)

Reference: USN

Subject stands comfortably under the headboard with his head oriented in the Frankfort plane. The headboard slide is then adjusted so that its wall and ceiling surfaces rest snugly against the back and vertex the top of the head in the midsagittal plane when the head is held in the Frankfort planet of the subject's head. His head is then rechecked for orientation and for continued contact at both points. Using the height gauge, measure the vertical distance from tragion to vertex.

N: 1549

X: 13.11 cm; 5.16 in SD: 0.64 cm; 0.25 in

V%: 4.91

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex) MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex) USMC: Head Height (Tragion-Vertex Height)

VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoche-[Projected distance from the vertex to gnathion]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior bordes of the auditory opening]

WAC: Head Height-from apex . . . to the center of the tragus

Head Height (Tragion to Vertex)-USN (Continued)

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: VIETNAM

Measured as distance from notch at front of right car (tragion) to top of head (vertex).

N: 2125

 \overline{X} : 12.3 cm; 4.84 in SD: 0.8 cm; 0.31 in

V%: 6.5

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height COMAS: Height of the Head

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoehe des Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

THAI: Head Height
TUFTS: Head Height

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)
USN: Head Height (Tragion to Vertex)

Cont. Head Height (1 hag on to

Not Equivalent:

ARMY QM: Head-Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting the

floor of the 2 auditory canals, to bregma

MARTIN: Ganze Kopfhoche-[Projected distance from the vertex to gnathion]

Head Height-VIETNAM (Continued)

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the auditor opening]

WAC: Head Height-from apex . . . to the center of the tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD HEIGHT

Reference: WAC

†Subject sat erect† eyes on imaginary horizon and head level. Anthropometer held vertically to left of subject. Measurement taken from apex †that point on the superior surface of the head in the mid-sagittal plane vertically above tragion† to the center of the tragus. Left side only.

N: 8499

X: 13.17 cm; 5.19 in SD: 0.90 cm; 0.35 in

V%: [6.83]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Head Height-from tragion to mid-longitudinal line on top of head

ARMY '66: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

ARMY ARMORED: Head Height-from tragion to mid-longitudinal line on top of head

ARMY AVIATORS: Head Height—from the notch (tragion) . . . to the top of the head

Head Height-WAC (Continued)

ARMY QM: Head-Height—between porion . . . and apex COMAS: Height of the Head—from vertex to the tragion

HRDLICKA: Height of the Head—from the middle of the line connecting the floor of the 2 auditory canals, to bregma

KOREA: Head Height (Tragion to Vertex)—from . . . (tragion) . . . to the highest point of the head

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN-SALLER: Ohrhoehe des Kopfes-[from tragion to vertex]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MONTAGU: Head Height—[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête—[[from] vertex [to] the superior border of the auditory opening]

NATO: Tragion-to-Vertex Height—vertical distance from tragion to vertex NAVY RECRUITS: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

THAI: Head Height-from (tragion) to top of head (vertex)

TUFTS: Head Height—from tragion... to mid-longitudinal line on top of head USAF '50: Head Height (Tragion to Vertex)—vertical distance from . . . (tragion) . . . to the highest point of the head

USMC: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

USN: Head Height (Tragion to Vertex)—vertical distance from tragion to vertex

VIETNAM: Head Height-from . . . (tragion) to top of head (vertex)

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEAD LENGTH

Reference: ARMY '66

Subject sits erect, with head level. The maximum length of the head is measured from the back of the head (occiput) to the forehead (glabella). Spreading calipers are used.

N: 6682

 \overline{X} : 19.45 cm; 7.66 in SD: 0.73 cm; 0.29 in

V%: 3.77

Head Length-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

HRDLICKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length—in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

MARTIN: Groesste Laenge des Kopfes-[back of the head in the mid-sagittal plane]

MONTAGU: Maximum Head Length—in the mid-sagittel plane, on the back of the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-iine

VIETNAM: Head Length—back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane. WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: ARMY AVIATORS

The maximum length of the head.

1012

Head Length-ARMY AVIATORS (Continued)

N: 500

 \overline{X} : 19.74 cm; 7.77 in SD: 0.69 cm; 0.27 in

V%: [3.50]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

None

Indeterminable:

In the following sources, landmarks are specified.

ARMY '66: Head Length ARMY QM: Head Length COMAS: Head Lenyth

FRANCE '65: Longueur maximum de la tête

HRDLIČKA: Head Length JAPAN: Head Length KOREA: Head Length

MARTIN: Groesste Laenge des Kopfes

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

NATO: Head Length

NAVY RECRUITS: Head Length

THAI: Head Length
TUFTS: Head Length
USAF '50: Head Length
USMC: Head Length
USN: Head Length
VIETNAM: Head Length

WAC: Head Length

WAF RECRUITS: Head Length

See Also:

Reference: ARMY QM

The maximum length of the head taken from glabella the most anterior point in the mid-line of the head between the brow ridgest to the most posterior point in the midline of the head.

N: 24471

 \overline{X} : 19.47 cm; 7.67 in SD: 0.70 cm; 0.28 in

V%: [3.60]

Similar Dimensions:

Equivalent:

COMAS: Head Length

FRANCE '65: Longueur maximum de la tete

MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length
TUFTS: Head Length
VIETNAM: Head Length
WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line. They are, therefore, considered Not Equivalent.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postéricur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Head Length-ARMY QM (Continued)

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: COMAS

tWith subject in sitting position [T]he maximum length of the head from glabella the most prominent point between the eyebrows in the median sagittal plane to opisthocranium that point in the median sagittal line of the occiput which is most distant from the glabella (spreading caliper).

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length
TUFTS: Head Length
VIETNAM: Head Length

WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line. They are, therefore, considered *Not Equivalent*.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

Head Length—COMAS (Continued)

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: HRDLIČKA

The maximum glabello-occipital diameter of the vault, without regard to the midline posteriorly.

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

occiput]

MARTIN: Groesste Laenge des Kopfes-[back of the head in the mid-sagittal plane]

Head Length-HRDLiCKA (Continued)

MONTAGU: Maximum Head Length-in the mid-sagittal plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of 'ead (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length—back of head (posterior pole of occiput)

WAC: Head Length-in the mid-sagittal plane

WAF RECRUITS: Head Length-in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: JAPAN

Holding the spreading caliper near its tips, measure the maximum length of the head from glabella the most forward point in the midline of the forehead between the brow ridgest (on the forehead) to the occipital region.

N: 236

X: 18.66 cm; 7.35 in

SD: 0.78 cm; 0.31 in

V%: 4.20

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Head Length-JAPAN (Continued)

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length—in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

occiput]

MARTIN: Groesste Laenge des Kopfes--[back of the head in the mid-sagittal

MONTAGU: Maximum Head Length-in the mid-sagittal plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skuil, in the mid-line

VIETNAM: Head Length—back of head (posterior pole of occiput) WAC: Head Length—in the mid-sagittal plane.

WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are .iot specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: KOKEA

Holding the spreading caliper near its tips, mousure the maximum length of the head from glabella tthe most forward point in the midline of the forehead between the brow ridges; (on the forehead) to the occipital region.

N: 264

 \overline{X} : 18.41 cm; 7.25 in

SD: 0.66 cm; 0.26 in

V%: 3.57

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length JAPAN: Head Length

Head Length-KOREA (Continued)

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Longth-in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

MARTIN: Groesste Laenge des Kopfes-[back of the head in the mid-sagittal

MONTAGU: Maximum Head Length—in the mid-sagittal plane, on the back of the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length-back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: NATO

Subject sits. Holding the spreading caliper near the tips, measure the maximum length of the head between the glabella landmark the most anterior point in the mid-line of the forehead between the browridgest on the forehead and the occiput.

	Turkey	Greece	Italy
N:	915	1084	1358
\overline{X} :	18.59 cm; 7.32 in	18.88 cm; 7.43 in	19.30 cm; 7.60 in
SD:	0.65 cm; 0.26 in	0.68 cm; 0.27 in	0.66 cm; 0.26 in
V%:	3.50	3.60	3.41

Head Length-NATO (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

occiput]

MARTIN: Groesste Laenge des Kopfes-[back of the head in the mid-sagittal

plane]

MONTAGU: Maximum Head Length-in the mid-sagittal plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length-back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Head Diagonal: Nuchale to Pronasale

HEAD LENGTH

Reference: NAVY RECRUITS

Subject sits erect, with head level. The maximum length of the head is measured from the back of the head (occiput) to the forehead (glabella). Spreading calipers are used.

Head Length-NAVY RECRUITS (Continued)

N: 4095

 \overline{X} : 19.43 cm; 7.65 in SD: 0.71 cm; 0.28 in

V%: 3.71

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLIČKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length USAF '50: Head Length USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the oeciput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the occiput]

MARTIN: Grocsste Lacrage des Kopfes-[back of the head in the mid-sagittal plane]

MONTAGU: Maximum Head Length-in the mid-sagittal plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Leugth-back of skull, in the mid-line

VIETNAM: Head Length—back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: THAI

Measured as maximum length of head from middle of forehead just above eyes (glabella) to back of head (posterior pole of occiput).

N: 2950

 \overline{X} : 17.9 cm; 7.0 in

SD: 0.6 cm; 0.2 in

V%: 3.4

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length

NORWAY: Maximum Head Length

TUFTS: Head Length VIETNAM: Head Length WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line. They are, therefore, considered Not Equivalent.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: YUFTS

Glabella (most anterior point of supra-orbital ridges, in mid-line) to opisthocranion (most posterior point of occiput, or back of skull, in the mid-line). Moderate pressure.

No Data Available.

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length VIETNAM: Head Length WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: USAF '50

Holding the spreading caliper near its tips, measure the maximum length of the head from glabella the most forward point in the midline of the forehead between the brow ridgest (on the forehead) to the occipital region.

N: 4063

X: 19.71 cm; 7.76 in

SD: 0.64 cm; 0.25 in

V%: 3.26

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USMC: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the

occiput]

MARTIN: Groesste Lacage des Kopfes-[back of the head in the mid-sagittal

plane

MONTAGU: Maximum Head Length-in the mid-sagittal plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput... in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length-back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane

WAF RECRUITS: Head Length-in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: USMC

Subject sits erect, with head level. The maximum length of the head is measured from the back of the head (occiput) to the forehead (glabella). Spreading calipers are used.

N: 2003

 \overline{X} : 19.43 cm; 7.65 in SD: 0.71 cm; 0.28 in

V%: 3.73

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USN: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the occiput

FRANCE '65: Longueur maximum de la tête-[in the median plane of the occiput]

MARTIN: Groesste Laenge des Kopfes-[back of the head in the mid-sagittal plane]

MONTAGU: Maximum Head Length—in the mid-sagittal plane, on the back of the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length-back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length—back of head (posterior pole of occiput)

WAC: Head Length—in the mid-sagittal plane WAF RECRUITS: Head Length—in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: USN

Subject sits. Holding the spreading caliper near the tips, measure the maximum length of the head between the glabella landmark the most anterior point in the mid-line of the forehead between the browridgest on the forehead and the occiput.

N: 1543

 \overline{X} : 19.83 cm; 7.81 in

SD: 0.66 cm; 0.26 in

V%: 3.32

Similar Dimensions:

Equivalent:

ARMY '66: Head Length HRDLICKA: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length

Not Equivalent:

ARMY QM: Head Length-most posterior point in the mid-line of the head

COMAS: Head Length-in the median sagittal line of the occiput

FRANCE '65: Longueur moximum de la tête-[in the median plane of the

occiput]

MARTIN: Groesste Luenge des Kopfes-[back of the head in the mid-sarifant

plane]

MONTAGU: Maximum Head Length—in the mid-sagitt plane, on the back of

the head (occiput)

NORWAY: Maximum Head Length—the occiput . . . in the middle line

THAI: Head Length—back of head (posterior pole of occiput)

TUFTS: Head Length-back of skull, in the mid-line

VIETNAM: Head Length-back of head (posterior pole of occiput)

WAC: Head Length-in the mid-sagittal plane

WAF RECRUITS: Head Length-in the sagittal plane

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: VIETNAM

Measured as maximum length of head from middle of forehead just above eyes (glabella) to back of head (posterior pole of occiput).

N: 2127

 \overline{X} : 18.2 cm; 7.2 in SD: 0.7 cm; 0.3 in

V%: 3.3

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length TUFTS: Head Length WAC: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLICKA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECKUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: WAC

Subject sat erect with eyes on an imaginary horizon. Measurement taken as the maximum head length from glabella the point where a line drawn tangential to the superior border of the eyebrows crosses the mid-sagittal plane of the headt in the mid-sagittal plane.

N: 8451

 \overline{X} : 18.37 cm; 7.23 in SD: 0.65 cm; 0.26 in

V%: [3.54]

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length
TUFTS: Head Length
VIETNAM: Head Length

WAF RECRUITS: Head Length

Not Equivalent:

HRDLickA: Head Length-without regard to the mid-line posteriorly

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line.

ARMY '66: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

Reference: WAF RECRUITS

With the spreading caliper, measure the maximum length of the head from glabella the most forward portion in the mid-line of the head between the brow ridgest to the occipital region of the head in the sagittal plane.

N: 847

X: 17.28 cm; 6.84 in

SD: 0.75 cm; 0.30 in V%: 4.31

Similar Dimensions:

Equivalent:

ARMY QM: Head Length COMAS: Head Length

FRANCE '65: Longueur maximum de la tête MARTIN: Groesste Laenge des Kopfes

MONTAGU: Maximum Head Length NORWAY: Maximum Head Length

THAI: Head Length
TUFTS: Head Length
VIETNAM: Head Length
WAC: Head Length

Not Equivalent:

HRDLIČKA: Head Length—without regard to the mid-line posterioriy

In the following dimensions, the plane of the landmark on the occiput is not specified. In all cases, however, the maximum dimension is sought. It is assumed that the landmark at occiput need not necessarily be in the mid-line.

ARMY '65: Head Length JAPAN: Head Length KOREA: Head Length

MONACO: Longueur maxima de la tête ou diamètre antéro-postérieur maximum

NATO: Head Length

NAVY RECRUITS: Head Length

USAF '50: Head Length USMC: Head Length USN: Head Length

Indeterminable:

ARMY AVIATORS: Head Length-[landmarks are not specified]

See Also:

HEEL-ANKLE CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with his feet slightly apart, and with his weight evenly distributed on both feet. The diagonal circumference of the right ankle is measured. A steel tape is used, with the tape passing under the tip of the heel and over the junction of the leg and the foot.

N: 6682

 \overline{X} : 34.11 cm; 13.43 in SD: 1.65 cm; 0.65 in V%: 4.86

Similar Dimensions:

Equivalent:

FOOT: Diagonal Ankle Girth MORANT: Diagonal Ankle Girth

NAVY RECRUITS: Heck-Ankle Circumference

THAI: Heel-Ankle Circumference USMC: Heel-Ankle Circumference VIETNAM: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

HEEL-ANKLE CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject stands erect, with his feet slightly apart, and with his weight evenly distributed on both feet. The diagonal circumference of the right ankle is measured. A steel tape is used, with the tape passing under the tip of the heel and over the junction of the leg and the foot.

Heel-Ankle Circumference-NAVY RECRUITS (Continued)

N: 4095

 \overline{X} : 34.21 cm; 13.47 in SD: 1.70 cm; 0.67 in

V%: 5.01

Similar Dimensions:

Equivalent:

ARMY '66: Heel-Ankle Circumference

FOOT: Diagonal Ankle Girth
MORANT: Diagonal Ankle Girth
THAI: Heel-Ankle Circumference
USMC: Heel-Ankle Circumference
VIETNAM: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

HEEL-ANKLE CIRCUMFERENCE

Reference: USMC

Subject stands erect, with his feet slightly apart, and with his weight evenly distributed on both feet. The diagonal circumference of the right ankle is measured. A steel tape is used, with the tape passing under the tip of the heel and over the junction of the leg and the foot.

N: 2007

X: 34.13 cm; 13.44 in

SD: 1.60 cm; 0.63 in

V%: 4.71

Similar Dimensions:

Equivalent:

ARMY '66: Heel-Ankle Circumference 1031

Heel-Ankle Circumference-USMC (Continued)

FOOT: Diagonal Ankle Girth MORANT: Diagonal Ankle Girth

NAVY RECRUITS: Heel-Ankle Circumference

THAI: Heel-Ankle Circumference VIETNAM: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

HEEL-ANKLE CIRCUMFERENCE

Reference: VIETNAM

Measured as diagonal circumference around right ankle, with tape passing under tip of heel and over instep at junction of foot and leg.

N: 2123

 \overline{X} : 30.9 cm; 12.2 in SD: 1.4 cm; 0.6 in

V%: 4.5

Similar Dimensions:

Equivalent:

ARMY '66: Heel-Ankle Circumference

FOOT: Diagonal Ankle Girth MORANT: Diagonal Ankle Girth

NAVY RECRUITS: Heel-Ankle Circumference

THAI: Heel-Ankle Circumference USMC: Heel-Ankle Circumference

Not Equivalent:

None

Heel-Ankle Circumference-VIETNAM (Continued)

Indeterminable:

None

See Also:

Instep Circumference

HEEL-ANKLE DIAGONAL [CIRCUMFERENCE]

Reference: THAI

Measured as diagonal circumference around right ankle, with tape passing under tip of heel and over instep at junction of foot and leg.

N: 2950

 \overline{X} : 32.2 cm; 12.7 in SD: 1.5 cm; 0.6 in

V%: 4.7

Similar Dimensions:

Equivalent:

ARMY '65: Heel-Ankle Circumference

FOOT: Diagonal Ankle Girth MORANT: Diagonal Ankle Girth

NAVY RECRUITS: Heel-Ankle Circumference

USMC: Heel-Ankle Circumference VIETNAM: Heel-Ankle Circumference

Not Equivalent:

None

Indeterminable:

None

See Also:

Instep Circumference

HEEL BREADTH

Reference: ARMY '66

Subject stands erect, with his feet slightly apart, and with his weight evenly distributed on both feet. The breadth of the right heel is measured below and behind the projections of the ankle bones (malleoli). Sliding calipers are used.

N: 6682

 \overline{X} : 6.85 cm; 2.70 in SD: 0.45 cm; 0.18 in

V%: 6.84

Similar Dimensions:

Equivalent:

ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth
USAF '50: Heel Breadth
USMC: Heel Breadth
VIEWNAM: Heel Breadth
WAF RECRUITS: Heel Width

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: ARMY QM

tSubject stands with feet about one foot apart and with weight evenly distributed; Anthropometer held horizontally in rear of subject and perpendicular to the anteroposterior axis of the foot. Measurement is taken as the maximum diameter of the heel, posterior to the malleolus of the tibia, with firm contact.

N: 24341

 \overline{X} : 6.70 cm; 2.64 in

SD: 0.53 cm; 0.21 in

V%: [7.91]

Heel Breadth-ARMY QM (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth
USAF '50: Heel Breadth
USMC: Heel Breadth
VIETNAM: Heel Breadth
WAF RECRUITS: Heel Width

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: FOOT

Breadth of heel 45mm forward of the posterior heel margin. [from photograph]

 White
 Negro

 N: 5561
 1197

 X: 6.96 cm; 2.74 in
 7.26 cm; 2.86 in

 SD: 0.36 cm; 0.15 in
 0.37 cm; 0.15 in

 V%: [5.17]
 [5.10]

Similar Dimensions:

Equivalent:

MORANT: Heel Breadth

Not Equivalent:

ARMY '66: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

Heel Breadth-FOOT (Continued)

ARMY QM: Heel Breadth—weight evenly distributed . . . maximum diameter KOREA: Heel Breadth—weight evenly distributed . . . maximum breadth NAVY RECRUITS: Heel Breadth—weight evenly distributed . . . below and

behind the projections of the ankle bones

THAI: Heel Breadth—maximum breadth USAF '50: Heel Breadth—maximum breadth

USMC: Heel Breadth-weight evenly distributed . . . below and behind the

projections of the ankle bones

VIETNAM: Heel Breadth-maximum breadth

WAC: Heel Breadth—stands on left foot with right foot placed on a stool WAF RECRUITS: Heel Width—weight equally distributed . . . maximum width

Indeterminable:

None

HEEL BREADTH

Reference: KOREA

Subject stands with his weight equally distributed on both feet. From behind the subject and with the bar of the sliding caliper held in a plane at right angles to the long axis of the foot, measure the maximum breadth of the right heel behind the projections of the ankle bones.

N: 264

X: 6.29 cm; 2.48 in

SD: 0.38 cm; 0.14 in

V%: 5.98

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth
USAF '50: Heel Breadth
USMC: Heel Breadth
VIETNAM: Heel Breadth
WAF RECRUITS: Heel Width

Heel Breadth-KOREA (Continued)

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: MORANT

This is the maximum chord, taken with calipers, between the vertical lines marked at a distance of 45mm from the base of the measuring board when the foot is in the standard position †the heel is in contact with the base block and the medial side of the foot is in contact with the side block at the heel and at the ball†. The chord is invariably almost horizontal.

N: 200

 \overline{X} : 6.92 cm; 2.72 in SD: 0.33 cm; 0.13 in

V%: [4.78]

Similar Dimensions:

Equivalent:

FOOT: Heel Breadth

Not Equivalent:

ARMY '66: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

ARMY QM: Heel Breadth—weight evenly distributed . . . maximum diameter KOREA: Heel Breadth—weight evenly distributed . . . maximum breadth

NAVY RECRUITS: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

THAI: Heel Breadth-maximum breadth

USAF '50: Heel Breadth-maximum breadth

USMC: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

VIETNAM: Heel Breadth-maximum breadth

Heel Breadth-MORANT (Continued)

WAC: Heel Breadth—stands on left foot with right foot placed on a stool WAF RECRUITS: Heel Width—weight equally distributed . . . maximum width

Indeterminable:

None

HEEL BREADTH

Reference: NAVY RECRUITS

Subject stands erect, with his feet slightly apart, and with his weight evenly distributed on both feet. The breadth of the right heel is measured below and behind the projections of the ankle bones (malleoli). Sliding calipers are used.

N: 4095

 \overline{X} : 6.70 cm; 2.64 in SD: 0.43 cm; 0.17 in

V%: 6.42

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth THAI: Heel Breadth USAF '50: Heel Breadth USMC: Heel Breadth VIETNAM: Heel Breadth WAF RECRUITS: Heel Width

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: THAI

Measured as maximum breadth of right heel behind and below projections of ankle bones (malleoli).

N: 2950

X: 6.5 cm; 2.6 in

SD: 0.4 cm; 0.2 in

V%: 6.2

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

USAF '50: Heel Breadth
USMC: Heel Breadth
VIETNAM: Heel Breadth
WAF RECRUITS: Heel Width

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right root placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: USAF '50

Subject stands with his weight equally distributed on both feet. From behind the subject with the bar of the sliding caliper held in a plane at right angles to the long axis of the foot, measure the maximum breadth of the right heel behind the projections of the ankle bones.

N: 4061

 \overline{X} : 6.70 cm; 2.64 in SD: 0.39 cm; 0.15 in

V%: 5.79

Heel Breadth-USAF '50 (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth
USMC: Heel Breadth
VIETNAM: Heel Breadth
WAF RECRUITS: Heel Width

Not Equivalent:

FOOT: Heel Breadth.—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth.—45mm from the base of the measuring board WAC: Heel Breadth.—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: USMC

Subject stands erect, with his feet elightly apart, and with his weight evenly distributed on both feet. The breadth of the right heel is measured below and behind the projections of the ankle bones (malleoli). Sliding calipers are used.

N: 2008

X: 6.83 cm; 2.69 in

SD: 0.43 cm; 0.17 in

V%: 6.42

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth

Heel Breedth-USMC (Continued)

USAF '50: Heel Breadth VIETNAM: Heel Breadth WAF RECRUITS: Heel Wilth

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: VIETNAM

Measured as maximum breadth of right heel behind and below projections of the ankle bones (malleoli).

N: 2127

 \overline{X} : 6.2 cm; 2.4 in

SD: 0.4 cm; 0.2 in

V%: 6.4

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth
USAF '50: Heel Breadth
USMC: Heel Breadth

WAF RECRUITS: Reel Width

Not Equivalent:

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEEL BREADTH

Reference: WAC

†Subject stands on left foot with right foot placed on a stool directly to the front† Anthropometer held parallel to the floor and perpendicular to the anterior-posterior axis of the left foot. The needles of the anthropometer were directed downward at approximately a 45-degree angle. Measurement taken as the maximum width of the heel posterior to the malleoli.

N: 1940

 \overline{X} : 5.97 cm; 2.35 in SD: 0.42 cm; 0.17 in

V%: [7.04]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

ARMY '66: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

ARMY QM: Heel Breadth—weight evenly distributed . . . maximum diameter

FOOT: Heel Breadth—Breadth... 45mm forward of the posterior heel KOREA: Heel Breadth—weight evenly distributed... maximum breadth MORANT: Heel Breadth—45mm from the base of the measuring board

NAVY RECRUITS: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

THAI: Heel Breadth—maximum breadth
USAF '50: Heel Breadth—maximum breadth

USMC: Heel Breadth—weight evenly distributed . . . below and behind the projections of the ankle bones

VIETNAM: Heel Breadth-maximum breadth

WAF RECRUITS: Heel Width-weight equally distributed . . . maximum width

Indeterminable:

None

HEEL ON THE FLOOR WITH LEG EXTENDED [EFFECTIVE LEG LENGTH]

Reference: INDIA

†The height of the seat [13½ in - 34.3 cm] is first adjusted by adding to or reducing the number of pieces of wooden blocks [½ in - 1.27 cm] on it until the thighs of the subject appear to be as nearly as possible horizontal. He sits erect in the corner with the back against one wing of the board and his right side touching the other wing.† †with his back, shoulder and buttocks against one wing of the board, both legs

Heel on the Floor With Leg Extended [Effective Leg Length]—INDIA (Continued)

being fully extended over another stool kept at the same height before him and felt vertical. He is asked to sit as hard as possible and even when doing this his lumbar region of contact will usually be near the upper edge of the sacrum and not on the buttocks.† The stool is removed, stretched leg is kept on the floor and the foot at right angle with leg with the knee completely extended. This resulted in slight forward movement of the pelvis. This was done to get the effective leg length.

N: 691

 \overline{X} : 94.15 cm; 37.07 in

SD: 4.41 cm; 1.74 in

V%: [4.68]

Similar Dimensions:

None

See Also:

Buttock Leg Length

HEEL WIDTH

Reference: WAF RECRUITS

The subject stands with her weight equally distributed on both feet. From behind, and with the bar of the sliding caliper at right angles to the longitudinal axis of the foot, measure the maximum width of the heel behind the projection of the ankle bones.

N: 847

 \overline{X} : 5.72 cm; 2.25 in

SD: 0.57 cm; 0.23 in

V%: 10.02

Similar Dimensions:

Equivalent:

ARMY '66: Heel Breadth ARMY QM: Heel Breadth KOREA: Heel Breadth

NAVY RECRUITS: Heel Breadth

THAI: Heel Breadth

Heel Width-WAF RECRUITS (Continued)

USAF '50: Heel Breadth USMC: Heel Breadth VIETNAM: Heel Breadth

Not Equivalent:

FOOT: Heal Breadth—Breadth... 45mm forward of the posterior heel MORANT: Heel Breadth—45mm from the base of the measuring board WAC: Heel Breadth—stands on left foot with right foot placed on a stool

Indeterminable:

None

HEIGHT

Reference: AUSTRALIA

Standing to the front, heels together, feet at 45 degrees angle, back straight, eye-ear in horizontal plane, measurement is taken from floor to the highest point in midline of the head.

N: 3453

 \overline{X} : 173.89 cm; 68.46 in SD: 5.66 cm; 2.23 in

V%: [3.2]

Similar Dimensions:

Equivalent:

AAF: Stature ARMY '66: Stature

ARMY ARMORED: Stature

BULGARIA: Stature

FAA: Stature

FRANCE '65: Stature

JAPAN: Height KOREA: Stature

MARTIN: Koerpergroesse [#1]

NATO: Stature

NAVY RECRUITS: Stature

TUFTS: Height
US ADULTS: Height
USAF '50: Stature

Height-AUSTRALIA (Conti. sed)

USMC: Stature USN: Stature

WAF RECRUITS: Stature

WASP: Stature WOMEN: Stature

Not Equivalent:

ARMY QM: Stature—head held normally

HRDLICKA: Stature-heels, the sacral region, and the upper part of the back

should touch the vertical

MARTIN: Koerpergroesse [#2]—[buttocks and the back (but not with the

head) touching a wall]

MONTAGU: Standing Height or Stature-at attention, head erect, looking

straight ahead

NORWAY: Stature—measured against the wall . . . back against the wall . . .

glance . . . ahead on a horizontal plane

RAF - RCAF: Height—heels and shoulders against the measuring board, head

held in a natural horizontal position

THOUSAND AVIATORS: Height Standing-back flat against a support

WAC: Stature—head is held normally

Indeterminable:

The following sources do not specify the exact position of the head.

ARMY AVIATORS: Stature

BELGIUM: Taille COMAS: Stature FRANCE '55: Taille GENEVA: Stature THA1: Stature V1ETNAM: Stature

HEIGHT

Reference: JAPAN

Subject stands erect looking directly forward (head oriented in the Frankfort plane). With the anthropometer arm firmly touching the scalp, measure the vertical distance from the floor to the top of the head.

N: 239

X: 166.89 cm; 65.70 in

SD: 4.80 cm; 1.89 in

V%: 2.90

Height-JAPAN (Continued)

Similar Dimensions:

Equivalent:

AAF: Stature ARMY '66: Stature

ARMY ARMORED: Stature

AUSTRALIA: Height BULGARIA: Stature

FAA: Stature

FRANCE '65: Stature

KOREA: Stature

MARTIN: Koerpergroesse [#1]

NATO: Stature

NAVY RECRUITS: Stature

TUFTS: Height US ADULTS: Height USAF '50: Stature USMC: Stature

USN: Stature
WAF RECRUITS: Stature

WASP: Stature
WOMEN: Stature

Not Equivalent:

ARMY QM: Stature—head held normally

HRDLICKA: Stature—heels, the sacral region, and the upper part of the back

should touch the vertical

MARTIN: Koerpergroesse [#2]—[buttocks and the back (but not with the

head) touching a wall]

MONTAGU: Standing Height or Stature—at attention, head erect, looking straight ahead

NORWAY: Stature—measured against the wall... back against the wall... glance... ahead on a horizontal plane

RAF-RCAF: Height—heels and shoulders against the measuring board, head

held in a natural horizontal position

THOUSAND AVIATORS: Height Standing-back flat against a support

WAC: Stature—head is held normally

Indeterminable:

The following sources do not specify the exact position of the head.

ARMY AVIATORS: Stature

Height-JAPAN (Continued)

BELGIUM: Taille COMAS: Stature FRANCE '55: Taille GENEVA: Stature THAI: Stature VIETNAM: Stature

HEIGHT

Reference: RAF-RCAF

Subject stands erect with heels and shoulders against the measuring board, head held in a natural horizontal position, and is measured with the measuring block lightly touching the head.

D	4	E.	

N: 4357

 \overline{X} : 177.17 cm; 69.75 in SD: 6.15 cm; 2.42 in

V%: [3.5]

RCAF

314

177.44 cm; 69.86 in 6.10 cm; 2.40 in

[3.4]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Stature-[free standing]

ARMY '66: Stature-[free standing]

ARMY ARMORED: Stature—[free standing] ARMY AVIATORS: Stature—[free standing]

ARMY QM: Stature—[free standing]
AUSTRALIA: Height—[free standing]
BULGARIA: Stature—[free standing]

BELGIUM: Taille-[heels [only] touching the measuring device]

COMAS: Stature—[free standing] FAA: Stature—[free standing]

FRANCE '55: Taille-[heels [only] touching the measuring device]

FRANCE '65: Stature—[free standing] GENEVA: Stature—[free standing]

HRDLICKA: Stature—subject is placed against the measuring plane . . . heels, the sacral region, and the upper part of the back should touch the vertical

Height-RAF-RCAF (Continued)

JAPAN: Height-[free standing] KOREA: Stature—[free standing]

MARTIN: Koerpergroesse [#1]—[standing freely]
MARTIN: Koerpergroesse [#2]—[with the buttocks and the back (but not

with the head) touching a wall]

MONTAGU: Standing Height or Stature—[free standing]

NATO: Stature—[free standing]

NAVY RECRUITS: Stature—[free standing]

NORWAY: Stature--measured against the wall . . . back against the wall in a

rigid position

THAI: Stature—[free standing]

THOUSAND AVIATORS: Height Standing—back [only] against the measur-

ing board

TUFTS: Height—[free standing]

US ADULTS: Height—back [only] against a vertical measuring scale

USAF '50: Stature—[free standing] USMC: Stature—[free standing] USN: Stature—[free standing] VIETNAM: Stature—[free standing]

WAC: Stature—[free standing]

WAF RECRUITS: Stature-[free standing]

WASP: Stature—[free standing]

WOMEN: Stature-stepped . . . backward until some part of her body touched

the wall

Indeterminable:

None

HEIGHT

Reference: TUFTS

Heels together, feet at 45° angle. Back straight, head in horizontal plane defined by line from tragion (about top of ear hole) to bottom of bony orbit. Measured from front or back, with anthropometer vertical, to vertex (highest point in mid-line of head).

No Data Available

Similar Dimensions:

Equivalent:

AAF: Stature

Heigh: -TUFTS (Continued)

ARMY '66: Stature

ARMY ARMORED: Stature

AUSTRALIA: Height BULGARIA: Stature

FAA: Stature

FRANCE '65: Stature JAPAN: Height

KOREA: Stature

MARTIN: Koerpergroesse [#1]

NATO: Stature

NAVY RECRUITS: Stature

US ADULTS: Height USAF '50: Stature USMC: Stature USN: Stature

WAF RECRUITS: Stature

WASP: Stature WOMEN: Stature

Not Equivalent:

ARMY QM: Stature—head held normally

HRDLICKA: Stature-heels, the sacral region, and the upper part of the back

should touch the vertical

MARTIN: Koerpergroesse [#2]-[buttocks and the back (but not with the

head) touching a wall]

MONTAGU: Standing Height or Stature—at attention, head erect, looking

straight ahead

NORWAY: Stature-measured against the wall . . . back against the wall . . .

glance . . . ahead on a horizontal plane

RAF-RCAF: Height-heels and shoulders against the measuring board, head

held in a natural horizontal position

THOUSAND AVIATORS: Height Standing—back flat against a support

WAC: Stature—head is held normally

Indeterminable:

The following sources do not specify the exact position of the head,

ARMY AVIATORS: Stature

BELGIUM: Taille COMAS: Stature FRANCE '55: Taille GENEVA: Stature THAI: Stature VIETNAM: Stature

HEIGHT

Reference: US ADULTS

The examinee stood erect on a horizontal platform with his back against a vertical measuring scale 3 inches wide, looking straight ahead with his head in the Frankfort horizontal plane (that horizontal plane which includes the lower margin of the bony orbit-the bony socket containing the eye-and the most forward point in the supratragal notch—the notch just above the anterior cartilaginous projection of the external ear). A horizontal measuring bar (11/2 inches wide) was then brought down snugly but not tightly on the top of the head ... [Note: For examinees over 75 inches, height was measured free-standing with an anthropometer].

Men

N: 3091

X: 173.2 cm; 68.2 in Est SD: [7.04 cm; 2.77 in]

Est V%: [2.5]

Women

3581

160.0 cm; 63.0 in [6.35 cm; 2.50 in]

[2.5]

Similar Dimensions:

Equivalent:

AAF: Stature ARMY '66: Stature

ARMY ARMORED: Stature

AUSTRALIA: Height BULGARIA: Stature

FAA: Stature

FRANCE '65: Stature JAPAN: Height

KOREA: Stature

MARTIN: Koerpergroesse [#1]

NATO: Stature

NAVY RECRUITS: Stature

TUFTS: Height USAF '50: Stature USMC: Stature USN: Stature

WAF RECRUITS: Stature

WASP: Stature WOMEN: Stature

Not Equivalent:

ARMY QM: Stature—head held normally

HRDLICKA: Stature—heels, the sacral region, and the upper part of the back

should touch the vertical

Height-US ADULTS (Continued)

MARTIN: Koerpergroesse [#2]-[buttocks and the back (but not with the

head) touching a wall]

MONTAGU: Standing Height or Stature — at attention, head erect, looking straight ahead

NORWAY: Stature—measured against the wall... back against the wall... glance... ahead on a horizontal plane

RAF - RCAF: Height—heels and shoulders against the measuring board, head held in a natural horizontal position

THOUSAND AVIATORS: Height Standing-back flat against a support

WAC: Stature—head is held normally

Indeterminable:

The following sources do not specify the exact position of the head

ARMY AVIATORS: Stature

BELGIUM: Taille COMAS: Stature FRANCE '55: Taille GENEVA: Stature THAI: Stature VIETNAM: Stature

HEIGHT OF FACE

Reference: NORWAY

[M]easured from nasion to gnation. The face measurement is taken with the sliding calipers. Nasion is not formed by the deepest depression in the bridge of the nose. It lies above ossa nasali itself. Nasion is the middle point of the naso-frontal suture.

N: 5765

 \overline{X} : 12.53 cm; 4.93 in SD: 0.76 cm; 0.30 in

V%: 6.08

Similar Dimensions:

Equivalent:

ARMY QM: Face Length

COMAS: Morphological Facial Height FRANCE '65: Hauteur de la face

HRDLICKA: Face Height (Lengt'i), Morphological

MARTIN: Morphologische Gesichtshoche

Height of Face-NORWAY (Continued)

MONACO: Diamètre naso-mentonnier

WAC: Face Length

Not Equivalent:

ARMY '66: Face Length (Menton-Nasal Root Length) -to the nasal root de-

MONTAGU: Morphological Facial Height-The lowest median point on the lower border of the mandible

NATO: Menton-Nasal Root Depression Length-nasal root depression

NAVY RECRUITS: Face Length (Menton-Nasal Root Length) -to the nasal root depression

USMC: Face Length (Menton-Nasal Root Length)—to the nasal root depression

THAI: Face Length-depression of nose between eyes VIETNAM: Face Length-depression of nose between eyes

Indeterminable:

ARMY AVIATORS: Face Length-[landmark on chin not specified] FRANCE '55: Distance racine du nez-Fossette mentonnière-[landmarks not specified]

HEIGHT OF GREAT TOE TIP

Reverence: FCOT

Height from the ground to the dorsal surface of the tip of the great toe.

White

N: 5575 1200

X: 2.29 cm; 0.90 in

2.28 cm; 0.90 in Est SD: [0.21 cm; 0.08 in] [0.26 cm; 0.09 in]

Est V%: [9.2]

[11.2]

Negro

Similar Dimensions:

None

See Also:

Toe Height

HEIGHT OF THE HEAD

Reference: COMAS

†With subject in standing position† Projective distance from the vertex to the

Height of the Head-COMAS (Continued)

tragion the notch directly above the tragus of the eart. (Anthropometer).

No Data Available

Similar Dimensions:

Equivalent:

AAF: Head Height

ARMY '66: Head Height (Tragion-Vertex Height)

ARMY ARMORED: Head Height ARMY AVIATORS: Head Height

KOREA: Head Height (Tragion to Vertex)
MARTIN-SALLER: Ohrhoehe dcs Kopfes

NATO: Tragion-to-Vertex Height

NAVY RECRUITS: Head Height (Tragion-Vertex Height)

USAF '50: Head Height (Tragion to Vertex)
USMC: Head Height (Tragion-Vertex Height)

USN: Head Height
THAI: Head Height
TUFTS: Head Height
VIETNAM: Head Height

Not Equivalent:

ARMY QM: Head Height-between porion . . . and apex

HRDLICKA: Height of the Head-from the middle of the line connecting

the floor of the 2 auditory canals, to bregma

MARTIN: Ganze Konfhoche-[projected distance from the vertex to gnathion]

MARTIN: Ohrhoche des Kopfes-[from tragion to bregma]

MONTAGU: Head Height-[from roof of ear hole] to the level of the top of

the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the

auditory opening]

WAC: Head Height-from apex . . . to the center of tragus

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEIGHT OF THE HEAD

Reference: HRDLIČKA

The height, from the middle of the line connecting the floor of the 2 auditory canals, to bregma the point of junction, on the skull, of the sagittal with the coronal suture.

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Head Height—from tragion to mid-longitudinal line on top of head ARMY '66: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

ARMY ARMORED: Head Height—from tragion to mid-longitudinal line on top of head

ARMY AVIATORS: Head Height—from the notch (tragion) . . . to the top of the head

ARMY QM: Head Height—between porion . . . and apex

COMAS: Height of the Head-from vertex to the tragion

KOREA: Head Height (Tragion to Vertex)—from . . . (tragion) . . . to the highest point of the head

MARTIN: Ganze Kopfhoehe-[Projected distance from the vertex to gnathion]

MARTIN-SALLER: Ohrhoche des Kopfes-[from tragion to vertex]

MARTIN: Ohrhoehe des Kopfes-[from tragion to bregma]

MONTAGU: Head Height—[from roof of ear hole] to the level of the top of the head

MONACO: Hauteur de la tête-[[from] vertex [to] the superior border of the auditory opening]

NATO: Tragion-to-Vertex Height—vertical distance from tragion to vertex NAVY RECRUITS: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

THAI: Head Height—from . . . (tragion) to top of head (vertex)

TUFTS: Head Height—from tragion... to mid-longitudinal line on top of head USAF '50: Head Height (Tragion to Vertex)—vertical distance from . . . (tragion) . . . to the highest point of the head

USMC: Head Height (Tragion-Vertex Height)—from . . . (tragion) . . . to the top of the head (vertex)

USN: Head Height-vertical distance from tragion to vertex

VIETNAM: Head Height-from . . . (tragion) to top of head (vertex)

WAC: Head Height-from apex . . . to the center of the tragus

Height of the Head-HRDLICKA (Continued)

Indeterminable:

None

See Also:

Tragion to Wall Distance

HEIGHT SITTING

Reference: THOUSAND AVIATORS

Subject seated. †Maximum height to nearest tenth of an inch, measured under deep inspiration with head oriented in the Frankfort plane and back flat against a support

N: 675

X: 36.95 cm: 14.55 in SD: 1.22 cm; 0.48 in

V%: [3.8]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Sitting Height-[without back support]

ARMY '66: Sitting Height—[without back support]

ARMY ARMORED: Sitting Height—[without back support]

ARMY QM: Sitting Height—[without back support] BULGARIA: Sitting Height-[without back support]

COMAS: Sitting Height-[without back support]

FAA: Sitting Height-[without back support]

FRANCE '65: Taille Assis-[without back support]

JAPAN: Sitting Height-[without back support] KOREA: Sitting Height-[without back support]

MARTIN: Stammlaenge—[without back support] NATO: Sitting Height-[without back support]

NAVY RECRUITS: Sitting Height-[without back support]

THAI: Sitting Height-[without back support] TUFTS: Sitting Height-[without back support]

US ADULTS: Sitting Height Erect--[without back support] US ADULTS: Sitting Height Normal-[without back support]

Height Sitting-THOUSAND AVIATORS (Continued)

USAF '50: Sitting Height—[without back support]
USMC: Sitting Height—[without back support]
USN: Sitting Height—[without back support]
VIETNAM: Sitting Height—[without back support]
WASP: Sitting Height—[without back support]
WOMEN: Sitting Height—to the cervicale

Indeterminable:

ARMY AVIATORS: Sitting Height—[head and sitting position not specified] GENEVA: Sitting Height—[head position specified may or may not be identical] HRDLIČKA: Sitting Height—[head position specified may or may not be identical]

INDIA: Sitting Height-[head position not specified]

MONTAGU: Sitting Vertex Height—[head position specified may or may not be identical]

NORWAY: Sitting Height - [head position specified may or may not be identical]

RAF-RCAF: Sitting Height-[head position not specified]

See Also:

Top Head to Floor [Sitting]

HEIGHT STANDING

Reference: THOUSAND AVIATORS

Maximum height to nearest tenth of an inch, measured under deep inspiration with head oriented in the Frankfort plane and back flat against a support.

N: 675

 \overline{X} : 178.33 cm; 70.21 in SD: 5.74 cm; 2.26 in

V%: [3.2]

Similar Dimensions:

Equivalent:

None

Not Equivalent:

AAF: Stature-[free standing]

Height Standing-THOUSAND AVIATORS-(Continued)

ARMY '66: Stature-[free standing]

ARMY ARMORED: Stature-[free standing] ARMY AVIATORS: Stature—[free standing]

ARMY QM: Stature-[free standing] AUSTRALIA: ileight-[free standing] BELGIUM: Taille—[free standing] BULGARIA: Stature—[free standing] COMAS: Stature—[free standing] FAA: Stature-[free standing]

FRANCE '55: Taille-[free standing] GENEVA: Stature—[free standing]

HRDLIČKA: Stature—subject is placed against the measuring plane . . . heels, the sacral region, and the upper part of the back, should touch the vertical

JAPAN: Height—[free standing] KOREA: Stature—[free standing]

MARTIN: Koerpergroesse [#1]—[standing freely]

MARTIN: Koerpergroesse [#2]-[with the buttocks and the back (but not

with the head) touching a wall]

MONTAGU: Standing Height or Stature—[free standing]

NATO: Stature-[free standing]

NAVY RECRUITS: Stature-[free standing]

RAF-RCAF: Height heels and shoulders [only] against the measuring board

THAI: Stature-[free standing] TUFTS: Height -[free standing]

US ADULTS: Height-back [only] against a vertical measuring scale

USAF '50: Stature-[free standing] USMC: Stature—[free standing] USN: Stature-[free standing] VIETNAM: Stature-[free standing]

WAC: Stature .- [free standing]

WAF RECRUITS: Stature—[free standing]

WASP: Stature—[free standing]

WOMEN: Stature-stepped . . . backward until some part of her body touched the wall

Indeterminable:

NORWAY: Stature—[exact position of head not specified]

HIGHEST BUST LEVEL WIDTH

Reference: WOMEN

Tape. †The subject stood erect with feet as close together as was comfortable and with the palms of the hands on the thighst The zero end of the tape was placed on

Highest Bust Level Width-WOMEN (Continued)

the landmark above the right bust †a dot . . . [at] the top of the curved outline of the bust, the tape passed across the chest parallel to the floor and read at the landmark above the left bust.

N: 10042

X: 18.69 cm; 7.36 in SD: 2.06 cm; 0.81 in

V%: 11.0

Similar Dimensions:

None

HIP BREADTH

Reference: ARMY QM

†Subject sits on a table with adjustable foot rest. Subject sits erect with thighs just touching the table and knees at right angles? With anthropometer held horizontally in rear of subject and arms extending downward at a forty-five degree angle, measure the maximum transverse diameter of the hips below the iliac crests †the thickened and expanded upper border of the ilium, a bone in the pelvist, with contact.

N: 24575

X: 35.44 cm; 13.95 in SD: 2.28 cm; 0.90 in

V%: [6.43]

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum below Hips KOREA: Hip Breadth, Sitting

NATO: Hip Preadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric

USAF '50: Hip Breadth, Sitting

Hip Breadth-ARMY QM (Continued)

USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth—[Subjects wore clothing.]
TUFTS: Hip Breadth—taken on clothed, seated individuals
US ADULTS: Seat Breadth—[Subjects wore clothing.]

Indeterminable:

None

See Also:

Hip Breadth, Standing

HIP BREADTH

Reference: FAA

The maximum transverse diameter of the hips subject standing.

N: 681

 \overline{X} : 34.66 cm; 13.64 in SD: 1.92 cm; 0.76 in

V%: 5.55

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Ereadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Hip Bread:b-FAA (Continued)

Indeterminable:

None

See Also:

Ri-Iliac
Bi-Trochanteric Breadth—Bone
Hip Breadth, Sitting

HIP BREADTH

Reference: HOOTON

[In special chair]. The hip breadth was . . . measured by bringing the arms of the calibrated hip-breadth rod together until they touched the portions of the buttocks or upper thighs expanding to the maximum "spread". Care was taken not to include objects in pockets, and enough pressure was exerted to compress the clothing if it was loose.

	Males	Females	Total Series
N:	1959	1908	3867
Median:	38.9 cm; 15.3 in	37.1 cm; 14.6 in	38.1 cm; 15.0 in
SD:	NDA	NDA	NDA
V%:	NDA	NDA	NDA

Similar Dimensions:

Equivalent:

TUFTS: Hip Breadth
US ADULTS: Seat Breadth

Not Equivalent:

AAF: Bi-trochanteric-[Subject nude]

ARMY '66: Hip Breadth, Sitting-[Subject nude]

ARMY QM: Hip Breadth—[Subject nude]

ARMY AVIATORS: Seat Width, Sitting—[Subject nude] ARMY ARMORED: Bi-trochanteric—[Subject nude]

FAA: Hip Breadth, Sitting-[Subject nude]

INDIA: Seat [Width] - Maximum Below Hips - [Subject nude]

KOREA: Hip Breadth, Sitting—[Subject nude] NATO: Hip Breadth, Sitting—[Subject nude]

NAVY RECRUITS: Hip Breadth, Sitting-[Subject nude]

RAF-RCAF: Seat Breadth—[Subject nude] THAI: Hip Breadth, Sitting—[Subject nude] TUFTS: Bi-trochanteric—[Subject nude]

Hip Breadth-HOOTON (Continued)

USAF '50: Hip Breadth, Sitting—[Subject nude]
USMC: Hip Breadth, Sitting—[Subject nude]
USN: Hip Breadth, Sitting—[Subject nude]
VIETNAM: Hip Breadth, Sitting—[Subject nude]
WAC: Hip Breadth—[Subject wore panties only]
WASP: Hip Breadth—[Subject wore panties only]

Indeterminable:

None

See Also:

Hip Breadth, Standing

HIP BREADTH

Reference: KOREA

Subject stands erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

N: 264

 \overline{X} : 31.14 cm; 12.26 in SD: 1.44 cm; 0.57 in

V%: 4.62

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Hip Breadth-KOREA (Continued)

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH

Reference: NATO

Subject stands erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

Turkey	Greece	Italy	
N: 915	1084	1358	
X: 32.78 cm; 12.91 in	33.62 cm; 13.24 in	34.20 cm; 13.46 in	
SD: 1.73 cm; 0.68 in	1.62 cm; 0.64 in	1.72 cm; 0.68 in	
V%: 5.28	4.82	5.63	

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-fat the level of the iliac crests]

Indeterminable:

None

Hip Breadth-NATO (Continued)

See Also:

Bi-Iliao Bi-Trochanteric Breadth-Bone Hip Breadth, Sitting

HIP BREADTH

Reference: TUFTS

In the Seating Survey [ref. HOOTON], this measurement was called hip breadth and was taken on clothed, seated individuals. The measurement was made in a chair which was equipped with adjustable rods which could be moved into contact with the buttocks (upper thighs) on each side and the distance read directly from a bar across the back of the chair.

No Data Available

Similar Dimensions:

Equivalent:

HOOTON: Hip Breadth US ADULTS: Seat Breadth

Not Equivalent:

AAF: Bi-trochanteric-[Subject nude]

ARMY '66: Hip Breadth, Sitting-[Subject nude]

ARMY QM: Hip Ereac'h—[Subject nude]

ARMY AVIATORS: Seat Width, Sitting—[Subject nude] ARMY ARMORED: Bi-trochanteric—[Subject nude]

FAA: Hip Breadth Sitting—[Subject nude]

INDIA: Seat [Width]—Maximum Below Hips—[Subject nude]

KOREA: Hip Breadth, Sitting—[Subject nude] NATO: Hip Breadth, Sitting—[Subject nude]

NAVY PECRUITS: Hip Breadth, Sitting-[Subject nude]

RAF-RCAF: Seat Breadth—[Subject nude]
THAI: Hip Breadth, Sitting—[Subject nude]
TUFTS: Bi-trochanteric—[Subject nude]
USAF '50: Hip Breadth, Sitting—[Subject nude]
USMC: Hip Breadth, Sitting—[Subject nude]

USN: Hip Breadth, Sitting—[Subject nude]
VIETNAM: Hip Breadth, Sitting—[Subject nude]
WAC: Hip Breadth—[Subject wore panties only]
WASP: Hip Breadth—[Subject wore panties only]

Indeterminable:

None

See Also:

HIP BREADTH

Reference: USAF '50

Subject stands erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

N: 4062

X: 33.45 cm; 13.17 in SD: 1.85 cm; 0.73 in

V%: 5.53

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USMC: Hip Preadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH

Reference: USN

Subject stands erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

Hip Breadth-USN (Continued)

N: 1549

 \overline{X} : 34.99 cm; 13.78 in SD: 1.78 cm; 0.70 in

V%: 5.10

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadtn

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing
USAF '50: Hip Breadth
USMC: Hip Breadth, Standing
VIETNAM: Hip Breadth, Standing
WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac
Bi-Trochanteric Breadth—Bone
Hip Breadth, Sitting

HIP BREADTH

Reference: WAC

†Subject sat erect with eyes on an imaginary horizon† with both upper arms parallel to the body and both forearms extending forward at right angles to the upper arms. Anthropometer held parallel to the floor to the rear of the subject. The needles point downward at a 45-degree angle. Measurement taken as the maximum breadth below the hips.

No Data Available

Hip Breadth-WAC (Continued)

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-tre chanteric ARMY AVIATORS: Seat Width, Sitting

ARMY OM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width] -- Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-trochanteric
USAF '50: Hip Breadth, Sitting
USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting
VIETNAM: Hip Breadth, Sitting

WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wore clothing]

TUFTS: Hip Breadth--[taken on clothed, seated individuals]

US ADULTS: Seat Breadth-[subjects were clothing]

Indeterminable:

None

See Also:

Hip Breadth, Standing

HIP BREADTH

Reference: WAF RECRUITS

Subject stands. Measure across the widest portion of the hips with the anthropometer held horizontally.

Hip Breadth-WAF RECRUITS (Continued)

N: 850

X: 35.05 cm; 13.80 in SD: 2.41 cm; 0.95 in

V%: 6.88

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH, SITTING

Reference: ARMY '66

Subject sits erect, with knees together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

N: 6682

 \overline{X} : 34.16 cm; 13.45 in SD: 2.38 cm; 0.94 in

V%: 6.97

1067

Hip Breadth, Sitting-ARMY '66 (Continued)

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width] - Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting

USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wor: clothing]

TUFTS: Hip Breadth—taken on clothe i, seated individuals US ADULTS: Seat Breadth—[subject; wore clothing]

Indeterminable:

None

See Also:

Hip Breadth, Standing

HIP BREADTH, SITTING

Reference: FAA

The maximum transverse diameter of the hirs with the subject sitting.

N: 681

X: 35.96 cm; 14.16 in

Hip Breadth, Sitting-FAA (Continued)

SD: 2.34 cm; 0.92 in

V%: 6.52

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting
ARMY ARMORED: Bi-trochanteric
ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth

INDIA: Seat [Width] -- Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-trochanteric
USAF '50: Hip Breadth, Sitting
USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting
VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects wore clothing]

Indeterminable:

None

See Also:

Hip Breadth, Standing

HIP BREADTH, SITTING

Reference: KOREA

Subject sits erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

Hip Breadth, Sitting-KOREA (Continued)

N: 264

X: 32.89 cm; 12.95 in SD: 1.75 cm; 0.68 in

V%: 5.31

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting
ARMY ARMORED: Bi-trochanteric
ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum below Hips

NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-trochanteric
USAF '50: Hip Breadth, Sitting
USAC: Hip Breadth, Sitting

USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HGOTON: H:p Breadth—[subjects wore clothing]
TUFTS: Hip Breadth—taken on clothed, seated individuals
US ADULTS: Seat Breadth—[subjects wore clothing]

Indeterminable:

None

See Also:

HIP BREADTH, SITTING

Reference: NATO

Subject sits erect. Using the anthropometer, measure horizontally across the widest protrusions of the hips.

	Turkey	Greece	Italy
	915	1084	1358
$\overline{\mathbf{X}}$:	34.03 cm; 13.40 in	34.75 cm; 13.68 in	35.68 cm; 14.05 in
SD:	1.86 cm; 0.73 in	1.73 cm; 0.68 in	1.84 cm; 0.72 in
V%:	5.45	4.96	5.14

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width] -- Maximum below Hips

KOREA: Hip Breadth, Sitting

NAVY RECRUITS: Hip Ereadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric USAF '50: Hip Breadth, Sitting

USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting
VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth
WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects wors clothing]

Indeterminable:

None

See Also:

HIP BREADTH, SITTING

Reference: NAVY RECRUITS

Subject sits erect, with knees together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

N: 4094

X: 33.85 cm; 13.33 in SD: 2.36 cm; 0.93 in

V%: 6.97

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum below Hips KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric

USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects wore clothing]

See Also:

Reference: THAI

†Subject sitting erect on table or bench† Measured as maximum breadth across hips.

N: 2950

 \overline{X} : 31.8 cm; 12.5 in

SD: 2.2 cm; 0.9 in

V%: 6.9

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '56: Hip Breadth, Sitting

ARMY ARMORED: Bi-trochanteric

ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth TUFTS: Bi-trochanteric

USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth-[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects were clothing]

Indeterminable:

None

See Aiso:

Reference: USAF '50

Subject sits erect. Using the anthropometer, measure horizontally across the widest portion of the hips.

N: 4058

X: 35.49 cm; 13.97 in SD: 2.21 cm; 0.87 in

V%: 6.23

Similar Dimensions:

Equivalent:

AAF: Pi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width] -- Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting RAF-RCAF: Seat Breadth

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-trochanteric
USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting
V:ETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth—[subjects were clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects wore clothing]

Indeterminable:

None

See Also:

Reference: USMC

Subject sits erect, with knees together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

N: 2008

X: 34.16 cm; 13.45 in SD: 2.00 cm; 0.79 in

V%: 5.90

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breedth, Sitting

INDIA: Seat [Width]—Maximum below Hips

KCREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY MECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric

USAF '50: Hip Breadth, Sitting USN: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth—[subjects wore clothing]
TUFTS: Hip Breadth—taken on clothed, seated individuals
US ADULTS: Seat Breadth—[subjects wore clothing]

Indeterminable:

None

See Also:

Reference: USN

Subject sits erect. Using the anthropometer, measure horizontally across the widest protrusions of the hips.

N: 1549

X: 36.80 cm; 14.49 in SD: 2.17 cm; 0.85 in

V%: 5.90

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width]—Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth THAI: Hip Breadth, Sitting TUFTS: Bi-trochanteric

USAF '50: Hip Breadth, Sitting USMC: Hip Breadth, Sitting VIETNAM: Hip Breadth, Sitting

WAC: Hip Breadth WASF: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth—[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects were clothing]

Indeterminable:

None

See Also:

Reference: VIETNAM

†Subject sitting erect on table or bench† Measured as maximum breadth across hips.

N: 2126

 \overline{X} : 30.3 cm; 11.9 in SD: 2.0 cm; 0.8 in

V%: 6.6

Similar Dimensions:

Equivalent:

AAF: Bi-trochanteric

ARMY '66: Hip Breadth, Sitting ARMY ARMORED: Bi-trochanteric ARMY AVIATORS: Seat Width, Sitting

ARMY QM: Hip Breadth FAA: Hip Breadth, Sitting

INDIA: Seat [Width] - Maximum below Hips

KOREA: Hip Breadth, Sitting NATO: Hip Breadth, Sitting

NAVY RECRUITS: Hip Breadth, Sitting

RAF-RCAF: Seat Breadth
THAI: Hip Breadth, Sitting
TUFTS: Bi-trochanteric
USAF '50: Hip Breadth, Sitting
USMC: Hip Breadth, Sitting
USN: Hip Breadth, Sitting

WAC: Hip Breadth WASP: Hip Breadth

Not Equivalent:

HOOTON: Hip Breadth—[subjects wore clothing]

TUFTS: Hip Breadth—taken on clothed, seated individuals US ADULTS: Seat Breadth—[subjects wore clothing]

Indeterminable:

None

See Also:

HIP BREADTH, STANDING

Reference: ARMY '66

Subject stands erect, with heels together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

N: 6682

X: 33.19 cm; 13.07 in SD: 2.00 cm; 0.79 in

V%: 6.05

S'milar Dimensions:

Equivalent:

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth

USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH, STANDING

Reference: NAVY RECRUITS

Subject stands erect, with heels together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

Hip Breadth, Standing-NAVY RECRUITS (Continued)

N: 4094

X: 33.07 cm; 13.02 in

SD: 2.03 cm; 0.80 in V%: 6.17

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

THAI: Hip Breadth, Standing USAF '50: Hip Breadth USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH, STANDING

Reference: THAI

†Subject standing erect† Measured as maximum breadth across the hips.

N: 2950

X: 30.0 cm; 11.8 in SD: 1.5 cm; 0.6 in

V%: 5.0

Hip Breadth, Stanling-THAI (Continued)

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

USAF '50: Hip Breadth

USMC: Hip Breadth, Standing

USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

Sea Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH, STANDING

Reference: USMC

Subject stands erect, with heels together. The maximum breadth across the hips is measured. An anthropometer is used, and is held horizontally.

N: 2008

X: 33.19 cm; 13.07 in SD: 1.75 cm; 0.69 in V%: 5.26

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

Hip Breadth, Standing-USMC (Continued)

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing

USAF '50: Hip Breadth USN: Hip Breadth

VIETNAM: Hip Breadth, Standing WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Hiac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP BREADTH, STANDING

Reference: VIETNAM

†Subject standing erect† Measured as maximum breadth across the hips.

N: 2128

X: 29.1 cm; 11.5 in

SD: 1.4 cm; 0.6 in

V%: 4.8

Similar Dimensions:

Equivalent:

ARMY '66: Hip Breadth, Standing

FAA: Hip Breadth KOREA: Hip Breadth NATO: Hip Breadth

NAVY RECRUITS: Hip Breadth, Standing

THAI: Hip Breadth, Standing USAF '50: Hip Breadth

USMC: Hip Breadth, Standing

Hip Breadth, Standing-VIETNAM (Continued)

USN: Hip Breadth

WAF RECRUITS: Hip Breadth

Not Equivalent:

FRANCE '65: Diamètre bicrète-[at the level of the iliac crests]

Indeterminable:

None

See Also:

Bi-Iliac Bi-Trochanteric Breadth—Bone Hip Breadth, Sitting

HIP CIRCUMFERENCE

Reference: ARMY '66

Subject stands erect, with heels together. The maximum horizontal circumference of the hips is measured at the level of the greatest protrusion of the buttock muscles. A steel tape is used.

N: 6682

X: 94.20 cm; 37.09 in

SD: 6.24 cm; 2.46 in

V%: 6.64

Similar Dimensions:

Equivalent:

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference

Hip Circumserence—ARMY '66 (Continued)

VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater

AUSTRALIA: Scat [Circumference]—around the largest part of the hips FRANCE '65: Périmètre des fesses—[maximum circumference of the hips] MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth—at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: ARMY QM

†Subject stands erect, with heels together and eyes straight ahead† The horizontal circumference taken over the most lateral part of the greater trochanters of the femurs, trochanterion.

N: 24500

 \overline{X} : 93.14 cm; 36.67 in SD: 5.70 cm; 2.24 in

V%: [6.12]

Hip Circumference—ARMY QM (Continued)

Similar Dimensions:

Equivalent:

WAC: Hip Circumference WOMEN: Hip Girth

Not Equivalent:

ARMY '66: Hip Circumference—at the level of the greatest protrusion of the buttock

ARMY AVIATORS: Seat Circumference—at the level of the maximum protrusion of the buttocks

AUSTRALIA: Seat [Circumference]—around the largest part of the hips

FAA: Buttocks Circumference—at the level of the greatest protrusion of the buttocks

FRANCE '65: Périmètre des fesses-[maximum circumference of the hips]

JAPAN: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

KOREA: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

MONTAGU: Maximum Gluteo-Pubic Circumference — Hip Girth—placed over the most prominent part of the buttocks, is brought around the level of the greater trochanters

NATO: Buttock Circumference—maximum posterior protrusion of the buttock
NAVY RECRUITS: Hip Circumference—at the level of the greatest protrusion
of the buttock

THAI: Hip Circumference—at level of greatest buttock protrusion

USAF '50: Buttock Circum, rence—at the level of the greatest rearward protrusion of the buttocks

USMC: Hip Circumference—at the level of the greatest protrusion of the buttock USN: Buttock Circumference—maximum posterior protrusion of the buttocks

VIETNAM: Hip Circumference—at the level of greatest buttock protrusion

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAF RECRUITS: Buttocks Circumference — the area of the most posterior projection of the buttocks

WASP: Hip Circumference-Maximum circumference around buttocks

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: NAVY RECRUITS

Subject stands erect, with heels together. The maximum horizontal circumference of the hips is measured at the level of the greatest protrusion of the buttock muscles. A steel tape is used.

N: 4095

 \overline{X} : 93.62 cm; 36.86 in SD: 6.37 cm; 2.51 in

V%: 6.82

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most latera! part of the greater

AUSTRALIA: Seat [Circumference]—around the largest part of the hips FRANCE '65: Périmètre des fesses—[maximum circumference of the hips]

MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference-midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions

WASP: Hip Circumference-Maximum . . . around buttocks

WOMEN: Hip Girth—at the most prominent bony point in the region of the trochanter

Hip Circumference—NAVY RFCRUITS (Continued)

Indeterminable:

None

See Also:

Buttock Cir umference, Sitting

HIP CIRCUMFERENCE

Reference: YHAI

Measured as maximum circumference of hips at level of greatest buttock protrusion.

N: 2950

 \overline{X} : 86.3 cm; 34.0 in SD: 4.1 cm; 1.6 in

V%: 4.7

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference USAF '50: Buitock Circumference

USMC: Hip Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat [Circumference]—around the largest part of the hips FRANCE '65: Périmètre des fesses—[maximum circumference of the hips] MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

Hip Circumference—THAI (Continued)

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions WASP: Hip Circumference—Maximum . . . around buttocks

WOMEN: Hip Girth—at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: USMC

Subject stands erect, with heels together. The maximum horizontal circumference of the hips is measured at the level of the greatest protrusion of the buttock muscles. A steel tape is used.

N: 2003

 \overline{X} : 94.84 cm; 37.84 in SD: 5.23 cm; 2.06 in

V%: 5.52

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Seat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference USN: Buttock Circumference VIETNAM: Hip Circumference

WAF RECRUITS: Buttocks Circumference

Hip Circumference-USMC (Continued)

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat [Circumference]—around the largest part of the hips FRANCE '65: Périmètre des fesses—[maximum circumference of the hips] MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—over the two trochanterions WASP: Hip Circumference—Maximum . . . around buttocks

WOMEN: Hip Girth—at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: VIETNAM

Measured as maximum circumference of hips at level of greatest buttock protrusion.

N: 2114 X: 82.9 cm; 32.6 in

SD: 4.0 cm; 1.6 in

V%: 4.8

Similar Dimensions:

Equivalent:

ARMY '66: Hip Circumference

ARMY AVIATORS: Scat Circumference

FAA: Buttocks Circumference JAPAN: Buttock Circumference KOREA: Buttock Circumference

Hip Circumference-VIETNAM (Continued)

NATO: Buttock Circumference

NAVY RECRUITS: Hip Circumference

THAI: Hip Circumference

USAF '50: Buttock Circumference

USMC: Hip Circumference USN: Buttock Circumference

WAF RECRUITS: Buttocks Circumference

Not Equivalent:

ARMY QM: Hip Circumference—over the most lateral part of the greater trochanters

AUSTRALIA: Seat [Circumference]—around the largest part of the hips FRANCE '65: Périmètre des jesses—[maximum circumference of the hips]

MONTAGU: Maximum Gluteo-Fubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAC: Hip Circumference—ever the two trochanterions
WASP: Hip Circumference—maximum... around buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizon.† †The arms were vaised while the tape was being adjusted and then lowered for the measurement. Assistant measurer adjusted tape in front and measurer stood behind. Measurement taken as the circumference when the tape is placed horizontally and passed over the two trochanterions.†The most lateral point on the greater trochanter of the femurt.

N: 8544

X: 95.24 cm; 37.50 in SD: 6.76 cm; 2.66 in

V%: [7.10]

Hip Circumference-WAC (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Hip Circumference

WOMEN: Hip Girth

Not Equivalent:

ARMY '66: Hip Circumference—at the level of the greatest protrusion of the buttock

ARMY AVIATORS: Seat Circumference—at the level of the maximum protrusion of the buttocks

AUSTRALIA: Seat [Circumference] -- around the largest part of the hips

FAA: Buttocks Circumference—at the level of greatest protrusion of the buttocks

FRANCE '65: Périmètre des fesses-[maximum circumference of the hips]

JAPAN: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

KOREA: Buttock Circumference-at the level of the greatest rearward protrusion of the buttocks

MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—placed over the most prominent part of the buttocks, is brought around the level of the greater trochanters

NATO: Buttock Circumference—maximum posterior protrusion of the buttock
NAVY RECRUITS: Hip Circumference—at the level of the greatest protrusion
of the buttock

THAI: Pip Circumference—at level of greatest buttock protrusion

USAF '50: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

USMC: Hip Circumference—at the level of the greatest protrusion of the buttock USN: Buttock Circumference—maximum posterior protrusion of the buttocks

VIETNAM: Hip Circumference—at the level of greatest buttock protrusion WAC: Halfway to Hip Circumference—midway between †the minimum circumference... between the superior borders of the hips and the inferior borders of the ribs† and †the two trochanterions

WAF RECRUITS: Buttocks Circumference — the area of the most posterior projection of the buttocks

WASP: Hip Circumference-Maximum circumference around buttocks

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE

Reference: WASP

Maximum circumference around buttocks. [Subject standing]

Women Pilots

Flying Nurses

N: 447

152

X: 96.82 cm; 38.12 in

94.34 cm: 37.14 in

SD: NDA

NDA

V%: NDA

NDA

Similar Dimensions:

Equivalent:

FRANCE '65: Périmètre des fesses AUSTRALIA: Scat [Circumference]

Not Equivalent:

ARMY '66: Hip Circumference—at the level of the greatest protrusion of the buttock

ARMY AVIATORS: Seat Circumference—at the level of the maximum protrusion of the buttocks

ARMY QM: Hip Circumference—over the most lateral part of the greater trochauters

FAA: Buttocks Circumference-at the level of greatest protrusion of the buttocks

JAPAN: Buttock Circumference—the level of the greatest rearward protrusion of the buttocks

KOREA: Buttock Circumference—the level of the greatest rearward protrusion of the buttocks

MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—over the most prominent portion of the buttocks . . . around . . . greater trochanters . . . level determined by the buttocks and trochanters

NATO: Buttock Circumference—at †maximum posterior protrusion of the buttock

NAVY RECRUITS: Hip Circumference—at the level of the greatest protrusion of the buttock

THAI: Hip Circumference—at level of greatest buttock protrusion

USAF '50: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

USMC: Hip Circumference—at the level of the greatest protrusion of the buttock USN: Buttock Circumference—at the level of †maximum posterior protrusion of the buttocks

VIETNAM: Hip Circumference—at level of greatest buttock protrusion

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

Hip Circumference-WASP (Continued)

WAC: Hip Circumference—over the two trochanterions

WAF RECRUITS: Buttocks Circumference—over the area of the most posterior

projection of the buttocks

WOMEN: Hip Girth— at the most prominent bony point in the region of the

trochanter

Indeterminable:

None

See Also:

Buttock Circumference, Sitting

HIP CIRCUMFERENCE (SITTING)

Reference: WAF RECRUITS

Subject sits. Place the tape behind the subject and just under the buttocks at the point where they contact the seating surface. The tape is then brought up at a forty-five degree angle and across the lap in the furrow between the torso and the legs.

N: 848

X: '99.62 cm; 39.22 in

SD: 5.66 cm; 2.23 in

V%: 5.68

Similar Dimensions:

Equivalent:

JAPAN: Buttock Circumference, Sitting KOREA: Buttock Circumference, Sitting NATO: Butiock Circumference, Sitting USAF '50: Buttock Circumference, Sitting USN: Buttock Circumference, Sitting

Not Equivalent:

None

Indeterminable:

None

See Also:

Hip Circumference

HIP GIRTH

Reference: WOMEN

Tape.... The subject's position was her normal, erect posture with feet together and hands on her hips.... The tape was placed around the body so that the upper border rested on the landmarks tat the most prominent bony point in the region of the trochanter major. The level was determined independently for the right and left sides and the average of the two taken as the hip level; and the zero point was at the hip level on the right side. The plane of the girth was horizontal and the measurement was taken without constriction.

N: 10042

X: 98.60 cm; 38.82 in

SD: 8.48 cm; 3.34 in

V%: 8.6

Similar Dimensions:

Equivalent:

ARMY QM: Hip Circumference WAC: Hip Circumference

Not Equivalent:

ARMY '66: Hip Circumference—at the level of the greatest protrusion of the buttock

ARMY AVIATORS: Seat Circumference—at the level of the maximum protrusion of the buttocks

AUSTRALIA: Scat [Circumference] - around the largest part of the hips

FAA: Buttocks Circumference—at the level of greatest protrusion of the buttocks

FRANCA '65: Périmètre des fesses—[maximum circumference of the hips]

JAPAN: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

KOREA: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

MONTAGU: Maximum Gluteo-Pubic Circumference—Hip Girth—placed over the most prominent part of the buttocks, is brought around the level of the greater trochanters

NATO: Buttock Circumference—maximum posterior protrusion of the buttock
NAVY RECRUITS: Hip Circumference—at the level of the greatest protrusion
of the buttock

THAI: Hip Circumference—at level of greatest buttock protrusion

USAF '50: Buttock Circumference—at the level of the greatest rearward protrusion of the buttocks

USMC: Hip Circumference—at the level of the greatest protrusion of the buttock USM: Buttock Circumference—maximum posterior protrusion of the buttocks VIETNAM: Hip Circumference—at the level of greatest buttock protrusion

Hip Girth-WOMEN (Continued)

WAC: Halfway to Hip Circumference—midway between the minimum circumference... between the superior borders of the hips and the inferior borders of the ribst and the two trochanterions

WAF RECRUITS: Buttocks Circumference — the area of the most posterior projection of the buttocks

WASP: Hip Circumference-maximum circumference around buttocks

Indeterminable:

None

See Also:

Ruttock Circumference, Sitting

HIP HEIGHT

Reference: WAC

†Subject stood erect without stretching, eyes on an imaginary horizont. Measurement taken vertically to left trochanterion †The most lateral point on the greater trochanter of the femurt.

N: 8512

X: 81.79 cm; 32.20 in SD: 4.42 cm; 1.74 in

V%: [5.40]

Similar Dimensions:

Equivalent:

WOMEN: Hip Height

Not Equivalent:

GENEVA: Great Trockanter [Height]—upper border of the great trochanter MARTIN: Hoche des rechten grossen Rollhuegels ueber dem Boden—[upper rim of the right, greater trochanter]

MONTAGU: Right Trochanterion Height — From the superior surface of the greater trochanter

NATO: Trochanteric Height — the top edge of the lateral protrusion of the femoral trochanter

Hip Height-WAC (Continued)

Indeterminable:

None

See Also:

Right Iliospinale Height

HIP HEIGHT

Reference: WOMEN

Anthropometer... The subject stood erect, with her hands on her hips and her weight evenly distributed on her feet... The anthropometer was held in the right hand, and the movable arm raised with the left until the brass point rested on the landmark. †The level of the hip was placed at the most prominent bony point in the region of the trochanter major.

N: 10042

X: 80.29 cm; 31.61 in

SD: 4.52 cm; 1.78 in

V%: 5.6

Similar Dimensions:

Equivalent:

WAC: Hip Height

Not Equivalent:

GENEVA: Great Trochanter [Height]—upper border of the great trochanter MARTIN: Hoche des rechten grossen Rollhucgels ueber dem Boden—[upper rim of the right, greater trochanter]

MONTAGU: Right Trochanterion Height — From the superior surface of the greater trochanter

NATO: Trochanteric Height — the top edge of the lateral protrusion of the femoral trochanter

Indeterminable:

None

See Also:

Right Iliospinale Height

HOEHE DER NASE [NOSE HEIGHT]

Reference: MARTIN

Geradlinige Entfernung des Nasion †derjenige Punkt der Nasenwurzel, der von der Mediansagittal-Ebene geschnitten wird† vom Subnasale †derjenige Punkt, der an dem einspringenden Winkel des Unterrandes der Nasenscheidewand und der Integrumentaloberlippe gelegen ist†. Gleit-oder Stangenzirkel.

[Straight line distance from nasion †that point of the nasal root which intersects with the midsagittal plane† to subnasale †that print which is situated on the junction of the lower edge of the nasal septum and the upper lip†. Sliding or Beam Caliper.]

No Data Available

Similar Dimensions:

Equivalent:

ARMY QM: Nose Length COMAS: Nasal Height FRANCE '65: Hauteur du nez HRDLICKA: Nose Height JAPAN: Nose Length KOREA: Nose Length MONACO: Hauteur du nez

NATO: Subnasale-Nasal Root Depression Length

USAF '50: Nose Length USN: Nose Length WAC: Nose Length

Not Equivalent:

MONTAGU: Nasal Length—nasion † The point at which a horizontal tangential to the highest points on the superior palpebral sulci intersects the midsagittal plane

Indeterminable:

None

HOEHE DER RECHTEN BRUSTWARZE UEBER DEM BODEN [RIGHT NIPPLE HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Thelion †Mittelpunkt der Brustwarzet vom Boden.

Hoshe Jer rechten Brustwarze neber dem Boden [Right Nipple Height]-MARTIN (Continued)

Anthropometer... Es ist aber nur bei Kindern, Maennern und solchen Frauen abzunehmen, bei denen noch kein Decensus mannmare eingetreten ist. †soll das Individuum... in straffer Haltung... stehen†.

[Vertical distance to the right thelion † centerpoint of the nipple† from the floor. Anthropometer. . . . It is to be only taken on children, men and those women without pendulous breasts. † the individual shall . . . stand . . . in erect posture†.]

No Data Available

Similar Dimensions:

Equivalent:

FAA: Nipple Height

GENEVA: Mammilla or Nipple [Height]

JAPAN: Nipple Height KOREA: Nipple Height NATO: Nipple Height USAF '50: Nipple Height USN: Nipple (Chest) Height

Not Equivalent:

None

Indeterminable:

None

See Also:

Bust Height

HOEHE DER RECHTEN ELLENBOGENGELENKFUGE UEBER DEM BODEN [RIGHT ELBOW HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Radiale †derjenige Punkt am Oberrand des Capitulum radii, der bei haengendem Arm (Palma nach innen gekehrt) am hoechsten gelegen ist† vom Boden. Anthropometer. †soll das Individuum...in straffer Haltung... stehen†. Zur Abnahme dieses... Masses muss der rechte Arm in der... gestreckten, absolut ruhigen Haltung verbleiben. †lasse man den Arm in moeglichster Streckung an den Koerper anlegen, so dass er parallel zum Messinstrument gerichtet ist†.

[Vertical distance of the right radiale †that point on the upper rim of the radius

Hoehe der rechten Ellenhogengelenkfuge i.eber dem Boden [Right Elbow Height]—MARTIN (Continued)

which is highest with the arm hanging (palm facing inward)† from the floor. Anthropometer. †the individual shall . . . stand in erect posture† To measure this dimension, the right arm must remain in the . . . straightened and calm position †have the subject touch his straightened arm to his body so it is parallel to the measuring instrument†.]

No Data Available

Similar Dimensions:

Equivalent:

FAA: Elbow Height GENEVA: Elbow [Height] JAPAN: Elbow Height KOREA: Elbow Height

MONTAGU: Right Radiale Height NATO: Radiale Height (Elbow Height) USAF '50: Elbow Height (Radiale Height)

Not Equivalent:

HOGTON: Elbow Height ... above the seat]

Indeterminable:

None

HOEHE DER RECHTEN INNEREN KNOECHELSPITZE UEBER DEM BODEN [RIGHT SPHYRION HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Sphyrion †derjenige an der Spitze des Malleolus medius tibialis gelegene Punkt, der bei aufrechter Koerperhaltung am meisten nach unten sieht † vom Boden. Anthropometer.

[Vertical distance of the right Sphyrion † that point on the tip of the medial tibial malleulus which is most inferior in erect posture† from the floor. Anthropometer.]

No Data Available

Noehe der rechten inneren Knoechelspitze ueber dem Boden [Right Sphyrion Height]—MARTIN (Continued)

Similar Dimensions:

Equivalent:

FRANCE '65: Hauteur du pied MONTAGU: Right Sphyrion Height NATO: Sphyrion Height

Not Equivalent:

BULGARIA: Medial Malleolus Height—from maleolus internus GENEVA: Ankle [Height]—tip of the internal malleolus JAPAN: Medial Malleolus Height—medial malleolus KOREA: Lateral Malleolus Height—lateral malleolus

KOREA: Medial Malleolus Height-medial malleolus

NATO: Ankle Height—the least circumference of the ankle [height to level of]
NATO: Lateral Maileolus Height—lateral malleolus
NATO: Medial Malleolus Height—medial malleolus
USAF '50: Lateral Malleolus Height—lateral malleolus
USAF '50: Medial Malleolus Height—medial malleolus

WAF RECRUITS: Ankle Height-medial ankle bone

WOMEN: Ankle Height-medial point of the medial malleolus

Indeterminable:

None

HOEHE DER RECHTEN KNIEGELENKFUGE UEBER DEM BODEN [RIGHT TIBIALE HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Tibiale †derjenige Punkt des inneren Marge glenoidalis des Tibiakopfes, der bei aufrechter Koerperhaltung am hoechsten gelegen ist† vom Boden. Anthropometer. †soll das Individuum... in straffer Haltung...stehen†

[Vertical distance of the right Tibiale †that point on the medial edge of the articular surface of the head of the tibia which is most superior in erect posture† from the floor. Anthropometer, †the individual shall...stand...in erect posture†]

No Data Available

Hoebe der rechten Kniegelenkfuge ueber dem Buden [Right Tibiale Height] -- MARTIN (Continued)

Similar Dimensions:

Equivalent:

ARMY QM: Lower Leg Length

BULGARIA: Length of the Lower Leg

FRANCE '65: Hauteur de l'interligue interne du genou

GENEVA: Knee [Height]

MONTAGU: Right Tibiale Height

Not Equivalent:

COMAS: Leg Leugth-from tibiale to the sphyrion

NORWAY: Tibia Length-soldier lies down . . . malleolus internus . . . [to]

upper edge of the tibia

WOMEN: Tibiale Height-The subject placed her left foot on a chair

Indeterminable:

None

See Aiso:

Kneecap Height Leg Length

HOEHE DER RECHTEN MITTELFINGERSPITZE UEBER DEM BODEN [RIGHT DACTYLION HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Daktylion iderjenige Punkt am Vorderrand der Fingerbeere des Mittelfingers, der bei haengendem Arm am tiefsten gelegen ist; vom Boden. Anthropometer. isoll das Individuum... in straff— Haltung... stehen; Zur Abnahme dieses... Masses muss der rechte Arm in der... gestreckten, absolut ruhigen Haltung verbleiben. ilasse man den Arm in moeglich iter Streckung an den Koerper anlegen, so dass er parallel zum Messinstrument gerichtet ist;... Die Hand muss... in die gernde Verlaengerung des Armes zu liegen kommen; sie verliert also die Beruehrung mit der Seitenflaeche des Oberschenkels.

[Vertical distance of the right dactylion †that point on the tip of the middle finger which is lowest with the arm hanging† from the floor. Anthropometer, †the individual shall...stand... in erect posture† To measure this dimension, the right arm must remain in the ... straightened and calm position †have the subject touch his straightened arm to his body so it is parallel to the measuring instrument†. The

Hoehe der rechten Mittelfingerspitze ueber dem Boden [Right Ductylion Height]—MARTIN (Continued)

hand must be stretched completely, that is, it must be in a straight line with the arm. Therefore it no longer touches the thigh.]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Tip of Middle Finger [Height]
MONTAGU: Right Dactylion Height

Not Equivalent:

NATO: Dactylion Height-arms and hands extended, and the palms touching the thighs

.

Indeterminable:

None

HOEHE DER SCHLEIMHAUTLIPPEN [LIP HEIGHT]

Reference: MARTIN

Geradlinige Entfernung des Labrale sup. †Schnittpunkt einer an die hoechsten Erhebungen des Orbitalrandes der Schleimhautoberlippe gelegten Tangente und der Mediansagittal-Ebrne† vom Labrale inf. †derjenige Punkt, an welchem der Unterrand der Schleimhautunterlippe von der Mediansagittal-Ebene geschnitten wird†. Gleitzirkel. Das Mass muss bei geschlossenem Mund und ruhiger Haltung genommen werden.

[Straight line distance of labrale superius the intersection of a tangent touching the top elevations of the curve of the red part of the upper lip and the midsagittal planet from labrale inferius the intersection of the bottom edge of the red part of the lower lip and the midsagittal planet. Sliding Caliper. This measurement must be taken while the mouth is closed and still.]

No Data Available

Similar Dimensions:

Equivalent:

KOREA: Lip-to-Lip Distance MONACO: Hauteur bilabiale NATO: Lip-to-Lip Distance Hoohe der Schleimhautlippen [Lip Height]-MARTIN (Continued)

USAF '50: Lip-to-Lip Distance USN: Lip-to-Lip Distance

Not Equivalent:

None

Indeterminable:

None

HOEHE DES GRIFFELFORTSATZES DES RECHTEN RADIUS UEBER DEM BODEN [RIGHT WRIST HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Stylion †derjenige Punkt des Processus styloideus radii, der bei haengendem Arm am meisten nach unten gerichtet ist† vom Boden. Anthropometer. †Zur Abnahme dieses . . . Mass muss der rechte Arm in der . . . gestreckten, absolut ruhigen Haltung verbleiben.† †lasse man den Arm in moeglichster Streckung an den Koerper anlegen, so dass er parallel zum Messinstrument gerichtet ist† †soll das Individuum . . . in straffer Haltung . . . stehen†

[Vertical distance of the right stylion that point of the radial styloid process which is most inferior with the arm hanging from the floor. Anthropometer. tWhile measuring this . . . dimension, the right arm must remain in the . . . straightened and fixed positiont. the subject touch his straightened arm to his body so it is parallel to the measuring instrument; the individual shall . . . stand . . . in erect posturet]

No Data Available

Similar Dimensions:

Equivalent:

FAA: Wrist Height GENEVA: Wrist [Height]

KOREA: Wrist Height (Stylion Height)
MONTAGU: Right Stylion Height
NATO: Stylion Height (Wrist Height)
USAF '50: Wrist Height (Stylion Height)

Hoche des Griffelfort atzes des rechten Radius ueber dem Boden [Right Wrist Height]—MARTIN (Continued)

Not Equivalent:

None

Indeterminable:

None

HOEHE DES NABELS UEBER DEM BODEN [WAIST HEIGHT-OMPHALION]

Reference: MARTIN

Vertikale Entfernung des Omphalion vom Boden. Anthropometer. Man nehme den Mittelpunkt des Nabels bei ruhigem Atmen in der Mitte zwischen In- und Exspiration. †soll das Individuum . . . in straffer Haltung . . . stehen †

[Vertical distance of the omphalion above the floor. One takes the middle point of the navel during quiet breathing, in the middle between inspiration and expiration. the individual shall . . . stand . . . in erect posturet]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Umbilicus or Navel [Height]
NATO: Waist Height—Omphalion

USN: Waist Height

Not Equivalent:

ARMY '66: Waist Height (Iliocristale Height)—to the upper edge (iliac crest)
ARMY AVIATORS: Waist Height (Outscam)—to the upper edge of the hip
bone at the waist

ARMY QM: Outseam—to right cristale thighest point on the iliac crest

COMAS: Total Lower Extremity Length—from iliocristale the most laterally projecting point of the crest of the ilium

JAPAN: Waist Height—to the waist point †the natural waistline . . . greatest natural indentation

KOREA: Waist Height—to the waist point the natural waistline . . . greatest natural indentation

MONTAGU: Right Iliocristale Height—from the most laterally projecting point on the crest of the right ilium

NAVY RECRUITS: Waist Height (Hiocristale Height)-to the upper edge

Hoel des Nabels ueber dem Boden [Waiss Height-Omphalion] - MARTIN (Continued)

(iliac crest)

THAI: Waist Height—to top of right hip bone (superior margin of ilium)
USAF '50: Waist Height—to the waist point the natural waistline . . . greatest
natural indentation

USMC: Waist Height (Ilioeristale Height)—to the upper edge (iliac crest)
VIETNAM: Waist Height—to top of right hip bone (superior margin of ilium)
WAC: Waist Height—to left lateral waist point †minimum circumference between the iliac crests and the 12th rib

WAF RECRUITS: Waist Height—to the marked waist line [sketch indicates between omphalion and greatest lateral indentation]
WOMEN: Waist Height—lower edge of the lowest rib

Indeterminable:

FAA: Waist Height—[waist not defined] WASP: Waist Height—[waist not defined]

See Also:

Abdominal-Extension Height Spinous Process of 5th Lumbar Vertebrae (Height) Waist Height, Sitting

HOEHE DES OBEREN BRUSTBEINRANDES UEBER DEM BODEN [SUPRASTERNALE HEIGHT]

Reference: MARTIN

Vertikale Entfernung des Suprasternale †derjenige am Oberrand des Brustbeins gelegene Punkt der Ineisura/jugularis, der von der Mediansagittal-Ebene geschnitten wird† vom Boden. Anthropometer. †soll das Individuum . . . in straffer Haltung . . . stehen†

[Vertical distance of Suprasternale *that point in the jugular notch at the upper edge of the sternum which is in the mid-sagittal plane* from the floor. Anthropometer. *the individual shall . . . stand . . . in erect posture*]

No Data Available

Similar Dimensions:

Equivalent:

FAA: Suprasternal Height FRANCE '65: Hauteur supra-sternole

Hoehe des oberen Brustbeinrandes ueber dem Boden [Suprasternaic Peight]—MARTIN (Continued)

GENEVA: Supra-sternal Notch [Height]

JAPAN: Suprasternale Height
KOREA: Suprasternale Height
MONTAGU: Suprasternal Height
NATO: Suprasternale Height
USAF '50: Suprasternale Height
USN: Suprasternale Height

Not Equivalent:

None

Indeterminable:

None

HOEHE DES OBEREN SYMPHYSENRANDES UEBER DEM BODEN [PUBIC SYMPHYSIS HEIGHT]

Reference: MARTIN

Vertikale Entfernung des Symphysion †derjenige Punkt des Oberrandes der Symphysis ossis pubis, der in der Mediansagittal-Ebene gelegen ist† vom Boden. Anthropometer. †soll das Individuum . . . in straffer Haltung . . . *stehen†

[Vertical distance of the symphysion †that point on the upper surface of the pubic symphysis which lies in the mid-sagittal plane† from the floor. Anthropometer. †the individual shall . . . stand . . . in erect posture†]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Pubes [Height]

Not Equivalent:

None

Indeterminable:

None

See Also:

Penale Height Right Iliospinale Height

HOEHE DES RECHTEN AKROMION UEBER DEM BODEN [RIGHT ACROMIAL HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Akromion †derjenige Punkt des Seitenrandes des Processus aeromialis des Schulterblattes, der bei aufrechter Koerperhaltung und haengendem Arm am meisten seitlich gelegen ist† vom Boden. Anthropometer. Vor der Vornahme der Messung lasse man den Arm in moeglichster Streckung an den Koerper anlegen, so dass er parallel zum Messinstrument gerichtet ist. †soll das Individuum . . . in straffer Haltung . . . stehen†

[Vertical distance of the right acromion † that point on the lateral edge of the acromial process of the scapula which is located most laterally if the posture is erect and the arm is hanging† from the floor. Anthropometer. Before starting to measure, have the subject touch his straightened arm to his body so it is parallel to the measuring instrument. † the individual shall . . . stand . . . in erect posture †]

No Data Available

Similar Dimensions:

Equivalent:

ARMY '66: Shoulder Height (Acromiale Height)

MONTAGU: Right Acromial Height

NAVY RECRUITS: Shoulder Height (Aeromiale Height)

THAI: Shoulder Height

USMC: Shoulder Height (Acromiale Height)

VIETNAM: Shoulder Height

WAF RECRUITS: Aeromial Height

Not Equivalent:

FAA: Shoulder Height-using a wall board

GENEVA: Acronion [Height]—superior and external border of the acromion HRDLICKA. Shoulder Height—upper surface of the outermost part of the acromion

JAPAN: Shoulder Reight— highest point on the lateral edge of the shoulder bone

KOREA: Shoulder Height (Aeromial Height) - highest point on the lateral edge of the shoulder bone

NATO: Acromiale Height (Shoulder Height) - highest point . . . on the lateral edge of the acromial spine

USAF '50: Shoulder Height (Acromial Height) - highest point on the lateral edge of the shoulder bone

WAC: Aeromion Height- most lateral point on the superior surface of the aeromial process

Hoebe des rechten Ahromion ueber dem Bodon [Right Acromial Height]-MARTIN (Continued)

Indeterminable:

None

See Also:

Shoulder Height, Sitting

HOEHE DES RECHTEN GROSSEN ROLLHUEGELS UEBER DEM BODEN [RIGHT TROCHANTERIC HEIGHT]

Reference: MARTIN

Vertikale Entfernung des Trochanterion, d.h. des Oberrandes des rechten Trochanter major vom Boden. Anthropometer. †soll das Individuum...in straffer Haltung... stehent

[Vertical distance of trochanterion, that is the upper rim of the right, greater trochanter, above the floor. Anthropometer. † the individual shall . . . stand . . . in erect posture†]

No Data Available

Similar Dimensions:

Equivalent:

GENEVA: Great Trochanter Height MONTAGU: Right Trochanterion Height

NATO: Trochanteric Height

Not Equivalent:

WAC: Hip Height—most lateral point on the greater trochanter of the femur WOMEN: Hip Height—at the most prominent bony point in the region of the trochanter major

Indeterminable:

None

See Also:

Right Iliospinale Height

HOEHE DES RECHTEN VORDEREN OBEREN DARMBEINSTACHELS UEBER DEM BODEN [RIGHT ILIOSPINALE HEIGHT]

Reference: MARTIN

Vertikale Entfernung des rechten Iliospinale ant. †der am meisten abwaerts gerichtete Punkt der Spina iniaca ant. sup.† vom Boden. Anthropometer, †soll das Individuum... in straffer Haltung... stehen†

[Vertical distance from the right illospinale anterior the most inferior point of the anterior superior iliac spine to the floor. Anthropometer, the individual shall . . . stand . . . in erect posture ?]

No Data Available

Similar Dimensions:

Equivalent:

None

Not Equivalent:

BULGARIA: Leg Length-from iliospinale to the floor

FRANCE '65: Hauteur de l'épine iliaque antéro-supérieure—[to the most anterior projection of the iliae crest]

MONTAGU: Right Riospinale Height—from the right anterior-superior iliac spine to the floor

Indeterminable:

None

See Also:

Pubes [Height] Hip Height

HORIZONTALUMFANG DES KOPFES [HEAD CIRCUMFERENCE]

Reference: MARTIN

Umfang annaehernd horizontal rund um den Kopf. Bandmass. Man haelt den Nullpunkt des Bandmasses . . . auf der Glabella tdiejenige Exhelung im unteren Teil der Stirn, die oberhalb der Nasenwurzel und zwischen den haerenen Augenbrauen gelegen ist. Als Messpunkt dient der in der Mediansagittal-Ebene am meisten rorspringende Punkt† fest, fuehrt es . . . ueber die linke Kopfseite bis zu dem vorspringenden Punkt des Hinterkopfes (Opistokranion) und dann ueber die rechte Kopfseite zurueck zur Stirn, . . . Man achte darauf, dass es an beiden Seiten des Kopfes gleich hoch zu liegen kommt.

Horizontalumfang des Kopfes [Head Circumference]-MARTIN (Continued)

[Approximately horizontal circumference around the head. Tape. One holds the zero point of the tape... on glabella that protrusion in the lower part of the forehead which is situated above the nasal root and between the bony brows. As the measuring point use the most forward protruding point in the mid-sagittal planet, place the tape around the left side of the head to the protruding point at the back of the head (opistrocranion) and then around the right side of the head to the forehead... Make sure that the tape is at equal height on both sides of the head.]

No Data Available

Similar Dimensions:

Equivalent:

BULGARIA: Head Circumference

MONTAGU: Maximum Circumference of the Head

Not Equivalent:

AAF: Head Circumference-[sketch indicates . . . above brow ridges]

ARMY '66: Head Circumference—just above the bony brow ridges

ARMY ARMORED: Head Circumference—[reference generally follows reference AAF]

ARMY AVIATORS: Head Circumference-above the brow ridges

ARMY QM: Head Circumference-above the brow ridges

AUSTRALIA: Head Circumference (Size) - one-half inch above the ears

FAA: Head Circumference-immediately above the brow ridges

FRANCE '55: Touv de tête-[touching the occipital, parietal, temporal and frontal regions]

FRANCE '65: Périmètre de la tête-[between the frontal lobes and the eyebrow arches]

HRDLIČKA: Head Circumference—above the . . . ridges JAPAN: Head Circumference—above . . . the brow ridges KOREA: Head Circumference—above . . . the brow ridges

NATO: Head Circumference—above... the brow ridges

NAVY RECRUITS: Head Circumference—just above the bony brow ridges

THAI: Head Circumference—above eyebrow ridges

USAF '50: Head Circumference—above... the brow ridges USMC: Head Circumference—just above the bony brow ridges

USN: Head Circumference—above . . . the brow ridges VIETNAM: Head Circumference—above eyebrow ridges

WAC: Head Circumference—just above glabella

WAF RECRUITS: Head Circumference—over [on] the brow ridges WASP: Head Circumference—[sketch indicates . . . above brow ridges]

Indcterminable:

TUFTS: Circumference [Head]—[no landmarks specified]