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KIMBALL'S

CLASSIFIED MEASUREMENT

— FOR —

LASTS.

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UNITED STATES OF AMERICA.

KIMBALL'S

STIFFED MEAT REMEDY

FOR LASTS

C. Kim

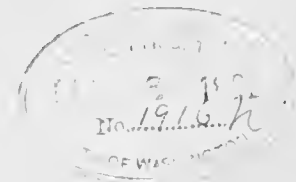
KIMBALL'S

CLASSIFIED MEASUREMENT

$\frac{15}{9408}$

FOR LASTS.

Copyright: 1882, by JOHN KIMBALL.



(Boston, 1882)

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M+8

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The want of a uniform system in the construction of Lasts has long been felt by the Manufacturers and Dealers in Boots and Shoes.

We, the subscribers, feel satisfied that *Mr. John Kimball*, with his LAST GAUGE and CLASSIFIED TABLES OF MEASUREMENT, can supply this great need, and this opinion is endorsed by the JUDGES OF THE MASSACHUSETTS CHARITABLE MECHANIC ASSOCIATION who awarded MR. KIMBALL A SILVER MEDAL AND DIPLOMA at the close of their late fair.

We are satisfied that we could do as MUCH business with at least the per cent Stock less than we now carry and the per cent Less Help set against our respective names, with the "KIMBALL SYSTEM," and we say that we shall give the preference to manufacturers that offer their goods with the "KIMBALL ASSOCIATION" Trade Mark upon them as we shall then know what we are buying. We advise all manufacturers to commence this work at once, to meet the orders for spring trade.

Each dealer has made his own estimate about Stock and Help, and placed on a line with his signature.

	PER CENT LESS.			PER CENT LESS.	
	Stock.	Help.		Stock.	Help.
H. H. Tuttle & Co. 435 Washington Street.	20	10	C. L. Schlopp, 72 Eliot Street.	20	15
W. C. Mills, 102 Court Street.	30	20	Manuel W. Francis, Eliot Street,	10	4
M. A. Davie, 112 Court Street.	20	10	Amos Lefavor, 46 Essex Street,	20	10
C. T. P. Appleton, 122 Court Street.	20	10	John Bath, 755 Washington Street,	20	15
J. F. Ingalls, 162 Court Street.	30	10	F. L. Whittredge, 1017 Washington Street,	25	25
E. P. Boynton, 50 Cambridge Street.	25	20	R. H. Kemp, & Co. 1090 & 1092 Washington St.	25	25
Edward P. White, 23 Tremont Row.	25	10	M. H. Graham & Co. 110 Court & 703 Wash. St.	15	10
Mansfield & Hunt, 14 Tremont Row.	20	10	B. S. Rowe & Co. 529 & 531 Washington Street,	17	10
N. A. Moses, 43 Tremont Street	33	10	D. W. Schaffer 24 Eliot Street,	20	10
Theo. H. Bell, 411 Washington Street.	25	10	H. Chaplin & Son, 1329 Washington Street,	25	10
Joseph Benari, 602 Washington Street.	10	5	James N. W. Emmons, 2212 Washington Street,	15	5
J. H. Frasher, 28 Essex Street.	20	10	A. H. Howe, 2179 Washington Street,	20	15
John B. Regan, 42 Essex Street.	15	5	F. Folsom, 2489 Washington Street,	10	5
John P. Dore, 52 Essex Street.	20	10	Aaron Hook & Co. 59 Washington Street,	20	10
J. A. Newell, Cor. Essex and Channey Streets.	-30	25	Dexter W. Wiswell 222 Hanover Street.	20	10
Thomas White, 16 Essex Street.	20	10	J. L. Cudworth & Co. 164 Court Street.	25	25
A. J. Patterson, 16 Eliot Street.	20	10	T. C. & C. F. Newcomb, 166 Hanover Street.	20	15
H. M. Rowe & Co. 25 Kneeland Street.	15	5	L. S. Stevens, 429 W. Broadway So. Boston.	30	20
William English, 28 Eliot Street.	25	10	C. W. McLellan, 7 Temple Place.	10	5

As it is the aim of Manufacturers to do all that lies in their power to make *new* customers as well as retain their *old* (whom they have made with much labor and expense) it will be for their interest to be on the lookout if any improvements should come up that will help their customers to reduce the stock that they are now obliged to carry under the *present de-ranged system*, and they should not be slow to comply with *their* wishes at once, as there will a school of *new* manufacturers spring up and becoming members of the association have the advantage of *fifty years* experience in the shape of lasts and patterns with the *Trade Mark* which will introduce them where their goods would not be looked at without it.

It does not necessarily follow that all manufacturers adopting this system are obliged at once to procure new lasts and patterns from the fact in very many cases the changing of the letter (or numeral) denoting fullness to the one to which the last *rightly* belongs and the addition of the classifying letter denoting the class of last may answer. To illustrate this. The measurements of the "B" lasts of a manufacturer of Utica N. Y. (measured by Mr. Kimball at the last factory where they were made) should *rightly* be marked "A.A" with the classifying letter "S" while those of a Cincinnati, O. manufacturer also marked "B" measured as much as "D" lasts of the class "W". This shows the importance of a system. Should the question be asked "How does Mr. Kimball *know* that he is right? It is simply answered: *The A. B. C. system was his invention and was put upon the market in 1842. and has been used by him ever since, all other manufacturers have adopted those letters without knowing the MEASUREMENTS of the A. B. C. last system.*

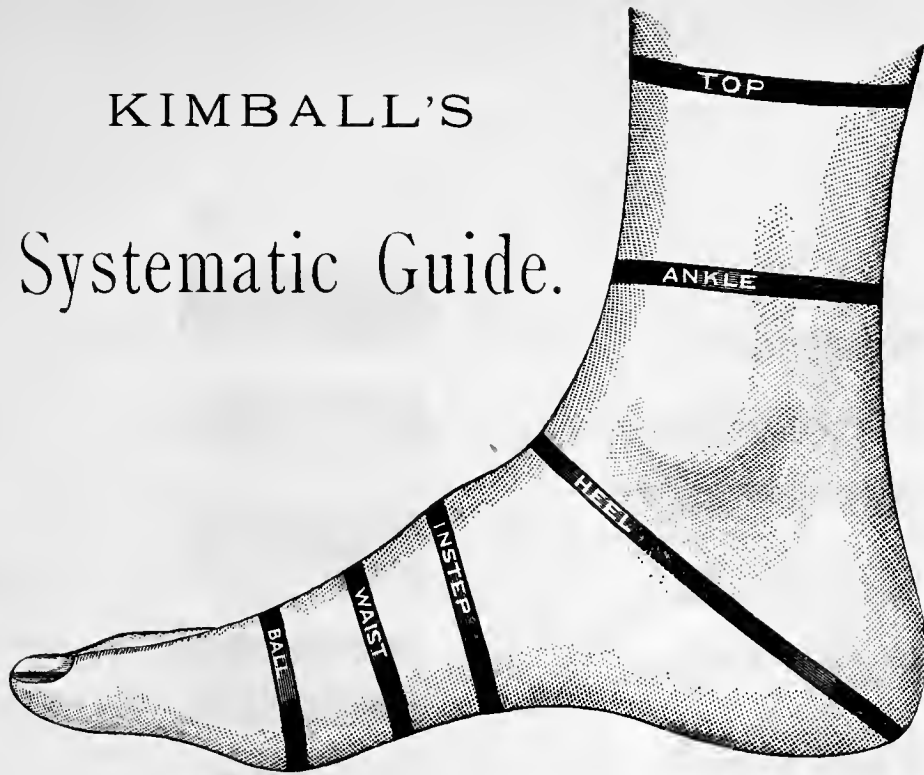
KIMBALL'S UNIFORM CLASSIFIED LASTS

Are of great importance to the consumer. There is nothing that goes to clothe the body so troublesome as Boots and Shoes at the present time. There is no meaning to the letters A, B, C, D, &c. as they are now used.

In following the instructions of different Manufacturers the Last-Maker will make for one man a difference of $\frac{7}{8}$ of an inch between the ball and instep measure, for another $\frac{3}{4}$, another $\frac{5}{8}$, another $\frac{1}{2}$ and still another a full inch, and these differences will apply to the measure between waist and ball and waist and instep, and these goods go on the market bearing the same mark for length and fullness! with nothing to indicate these differences, much to the annoyance of the Retail Dealer and consumer who expect the B 4, of ONE manufacturer to be the same as that of ANOTHER because they are MARKED alike.

For these differences I make use of the following classifying letters, N, S, W, T, Y, P, R, K, L, to indicate the class in which the letters of fullness belong, one of these letters will be placed in the centre of the Trade Mark Stamp, and has reference to the precise measurement of Boot or Shoe.

KIMBALL'S Systematic Guide.



4 EDGE

8 "

9 EDGE

10 "

12 "

14 "

16 EDGE

18 "

20 "

22 "

24 EDGE

26 "

28 "

30 "

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{1}{2}$ less than the Ball.

AAAA. Y.	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	OO
Ball,	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	
Waist,	$6\frac{1}{12}$	$6\frac{2}{12}$	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	
Instep,	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	

Half inch between Ball and Instep. Ball and Waist the same.

AAAA. T.	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	OO
Ball,	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	
Waist,	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	
Instep,	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

AAAA. P.	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	OO
Ball,	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	
Waist,	$6\frac{3}{12}$	$6\frac{4}{12}$	$6\frac{5}{12}$	$6\frac{6}{12}$	$6\frac{7}{12}$	$6\frac{8}{12}$	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	
Instep,	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	

$\frac{3}{4}$ inch between Ball and Instep.

AA. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	1
Ball, . . .	$\frac{6\frac{7}{12}}$	$\frac{6\frac{8}{12}}$	$\frac{6\frac{9}{12}}$	$\frac{6\frac{10}{12}}$	$\frac{6\frac{11}{12}}$	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	
Waist, . . .	$\frac{6\frac{11}{12}}$	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	
Instep, . . .	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	

One inch between Ball and Instep.

AA. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	1
Ball, . . .	$\frac{6\frac{7}{12}}$	$\frac{6\frac{8}{12}}$	$\frac{6\frac{9}{12}}$	$\frac{6\frac{10}{12}}$	$\frac{6\frac{11}{12}}$	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	
Waist, . . .	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	
Instep, . . .	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	

Half inch between Ball and Instep.

AA. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	1
Ball, . . .	$\frac{6\frac{7}{12}}$	$\frac{6\frac{8}{12}}$	$\frac{6\frac{9}{12}}$	$\frac{6\frac{10}{12}}$	$\frac{6\frac{11}{12}}$	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	
Waist, . . .	$\frac{6\frac{9}{12}}$	$\frac{6\frac{10}{12}}$	$\frac{6\frac{11}{12}}$	7	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	
Instep, . . .	$\frac{7\frac{1}{12}}$	$\frac{7\frac{2}{12}}$	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	

$\frac{3}{4}$ inch between Ball and Instep.

A. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	2
Ball, . . .	$\frac{6^9}{12}$	$\frac{6^{10}}{12}$	$\frac{6^{11}}{12}$	7	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	
Waist, . . .	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	
Instep, . . .	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	

One inch between Ball and Instep.

A. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	2
Ball, . . .	$\frac{6^9}{12}$	$\frac{6^{10}}{12}$	$\frac{6^{11}}{12}$	7	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	
Waist, . . .	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	
Instep, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	

Half inch between Ball and Instep.

A. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	2
Ball, . . .	$\frac{6^9}{12}$	$\frac{6^{10}}{12}$	$\frac{6^{11}}{12}$	7	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	
Waist, . . .	$\frac{6^{11}}{12}$	7	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	
Instep, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	

Ball of Lasts $\frac{1}{2}$ Less than the Instep.

B. N. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . . .	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	
Instep, . . .	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	

Ball of Lasts one inch Less than the Instep.

B. S. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . . .	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	
Instep, . . .	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	

Ball half inch Less than the Instep.

B. W. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Instep, . . .	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	

Ball $\frac{5}{12}$ less than the instep. Waist, $\frac{2}{12}$ less than the Ball.

B. Y. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . .	$6\frac{9}{12}$	$6\frac{10}{12}$	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	
Instep, . .	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	

Half inch between Ball and Instep. Waist, same as Ball.

B. T. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Instep, . .	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

B. P. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	3
Ball, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Waist, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Instep, . . .	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	

$\frac{3}{4}$ inch between Ball and Instep.

C. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	
Instep, . . .	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	

One inch between Ball and Instep.

C. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	
Instep, . . .	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	

Half inch between Ball and Instep.

C. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	
Instep, . . .	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{1}{12}$ less than the Ball.

C. Y. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$6\frac{11}{12}$	7	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	
Instep, . . .	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	

Half inch between Ball and Instep. Ball and Waist the same.

C. T. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Instep, . . .	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

C. P. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Waist, . . .	$7\frac{1}{12}$	$7\frac{2}{12}$	$7\frac{3}{12}$	$7\frac{4}{12}$	$7\frac{5}{12}$	$7\frac{6}{12}$	$7\frac{7}{12}$	$7\frac{8}{12}$	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	
Instep, . . .	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	

$\frac{3}{4}$ between Ball and Instep.

C. R. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	
Waist, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Instep, . . .	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	

 $\frac{10}{12}$ between Ball and Instep.

C. K. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	
Waist, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Instep, . . .	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	

 $\frac{11}{12}$ between Ball and Instep.

C. L. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	4
Ball, . . .	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	
Waist, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Instep, . . .	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	

$\frac{3}{4}$ inch between Ball and Instep.

D. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	
Waist, . . .	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	
Instep, . . .	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	$\frac{8\frac{8}{12}}$	$\frac{8\frac{9}{12}}$	$\frac{8\frac{10}{12}}$	$\frac{8\frac{11}{12}}$	9	

One inch between Ball and Instep.

D. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	
Waist, . . .	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	$\frac{8\frac{8}{12}}$	
Instep, . . .	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	$\frac{8\frac{8}{12}}$	$\frac{8\frac{9}{12}}$	$\frac{8\frac{10}{12}}$	$\frac{8\frac{11}{12}}$	9	$\frac{9\frac{1}{12}}$	$\frac{9\frac{2}{12}}$	$\frac{9\frac{3}{12}}$	

Half inch between Ball and Instep.

D. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7\frac{3}{12}}$	$\frac{7\frac{4}{12}}$	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	
Waist, . . .	$\frac{7\frac{5}{12}}$	$\frac{7\frac{6}{12}}$	$\frac{7\frac{7}{12}}$	$\frac{7\frac{8}{12}}$	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	
Instep, . . .	$\frac{7\frac{9}{12}}$	$\frac{7\frac{10}{12}}$	$\frac{7\frac{11}{12}}$	8	$\frac{8\frac{1}{12}}$	$\frac{8\frac{2}{12}}$	$\frac{8\frac{3}{12}}$	$\frac{8\frac{4}{12}}$	$\frac{8\frac{5}{12}}$	$\frac{8\frac{6}{12}}$	$\frac{8\frac{7}{12}}$	$\frac{8\frac{8}{12}}$	$\frac{8\frac{9}{12}}$	

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{2}{12}$ less than the Ball.

D. Y. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^1}{12}$	$\frac{7^2}{12}$	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	
Instep, . . .	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	

Half inch between Ball and Instep. Ball and Waist the same.

D. T. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Instep, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

D. P. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Instep, . . .	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	

$\frac{3}{4}$ between Ball and Instep.

D. R. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Instep, . . .	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	

 $\frac{10}{12}$ between Ball and Instep.

D. K. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	
Instep, . . .	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	

 $\frac{11}{12}$ between Ball and Instep.

D. L. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	5
Ball, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Waist, . . .	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	
Instep, . . .	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	

$\frac{3}{4}$ inch between Ball and Instep.

E. N. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Instep, . . .	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	

One inch between Ball and Instep.

E. S. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	
Instep, . . .	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	$\frac{9^5}{12}$	

Half inch between Ball and Instep.

E. W. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	
Instep, . . .	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{2}{12}$ less than the Ball.

E. Y. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^3}{12}$	$\frac{7^4}{12}$	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	
Instep, . . .	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	

Half inch between Ball and Instep. Ball and Waist the same.

E. T. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Instep, . . .	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

E. P. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Instep, . . .	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	

$\frac{3}{4}$ between Ball and Instep.

E. R. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	
Instep, . . .	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	

 $\frac{10}{12}$ between Ball and Instep.

E. K. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Instep, . . .	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	

 $\frac{11}{12}$ between Ball and Instep.

E. L. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	6
Ball, . . .	$\frac{7^5}{12}$	$\frac{7^6}{12}$	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	
Waist, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Instep, . . .	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	

$\frac{3}{4}$ inch between Ball and Instep.

F. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7\ 7}{12}$	$\frac{7\ 8}{12}$	$\frac{7\ 9}{12}$	$\frac{7\ 10}{12}$	$\frac{7\ 11}{12}$	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	
Waist, . . .	$\frac{7\ 11}{12}$	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	$\frac{8\ 10}{12}$	$\frac{8\ 11}{12}$	
Instep, . . .	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	$\frac{8\ 10}{12}$	$\frac{8\ 11}{12}$	9	$\frac{9\ 1}{12}$	$\frac{9\ 2}{12}$	$\frac{9\ 3}{12}$	$\frac{9\ 4}{12}$	

One inch between Ball and Instep.

F. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7\ 7}{12}$	$\frac{7\ 8}{12}$	$\frac{7\ 9}{12}$	$\frac{7\ 10}{12}$	$\frac{7\ 11}{12}$	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	
Waist, . . .	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	$\frac{8\ 10}{12}$	$\frac{8\ 11}{12}$	9	
Instep, . . .	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	$\frac{8\ 10}{12}$	$\frac{8\ 11}{12}$	9	$\frac{9\ 1}{12}$	$\frac{9\ 2}{12}$	$\frac{9\ 3}{12}$	$\frac{9\ 4}{12}$	$\frac{9\ 5}{12}$	$\frac{9\ 6}{12}$	$\frac{9\ 7}{12}$	

Half inch between Ball and Instep.

F. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7\ 7}{12}$	$\frac{7\ 8}{12}$	$\frac{7\ 9}{12}$	$\frac{7\ 10}{12}$	$\frac{7\ 11}{12}$	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	
Waist, . . .	$\frac{7\ 9}{12}$	$\frac{7\ 10}{12}$	$\frac{7\ 11}{12}$	8	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	
Instep, . . .	$\frac{8\ 1}{12}$	$\frac{8\ 2}{12}$	$\frac{8\ 3}{12}$	$\frac{8\ 4}{12}$	$\frac{8\ 5}{12}$	$\frac{8\ 6}{12}$	$\frac{8\ 7}{12}$	$\frac{8\ 8}{12}$	$\frac{8\ 9}{12}$	$\frac{8\ 10}{12}$	$\frac{8\ 11}{12}$	9	$\frac{9\ 1}{12}$	

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{2}{12}$ less than the Ball.

F. Y. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Waist, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Instep, . . .	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	9

Half inch between Ball and Instep. Ball and Waist the same.

F. T. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Waist, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Instep, . . .	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	9	$\frac{9}{12}$

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

F. P. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	7
Ball, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Waist, . . .	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	$\frac{7}{12}$	8	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$
Instep, . . .	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	$\frac{8}{12}$	9	$\frac{9}{12}$	$\frac{9}{12}$	$\frac{9}{12}$

$\frac{3}{4}$ inch between Ball and Instep.

G. N. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	
Waist, . . .	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	
Instep, . . .	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	$9\frac{2}{12}$	$9\frac{3}{12}$	$9\frac{4}{12}$	$9\frac{5}{12}$	$9\frac{6}{12}$	

One inch between Ball and Instep.

G. S. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	
Waist, . . .	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	$9\frac{2}{12}$	
Instep, . . .	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	$9\frac{2}{12}$	$9\frac{3}{12}$	$9\frac{4}{12}$	$9\frac{5}{12}$	$9\frac{6}{12}$	$9\frac{7}{12}$	$9\frac{8}{12}$	$9\frac{9}{12}$	

Half inch between Ball and Instep.

G. W. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$7\frac{9}{12}$	$7\frac{10}{12}$	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	
Waist, . . .	$7\frac{11}{12}$	8	$8\frac{1}{12}$	$8\frac{2}{12}$	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	
Instep, . . .	$8\frac{3}{12}$	$8\frac{4}{12}$	$8\frac{5}{12}$	$8\frac{6}{12}$	$8\frac{7}{12}$	$8\frac{8}{12}$	$8\frac{9}{12}$	$8\frac{10}{12}$	$8\frac{11}{12}$	9	$9\frac{1}{12}$	$9\frac{2}{12}$	$9\frac{3}{12}$	

$\frac{5}{12}$ inch between Ball and Instep. Waist $\frac{1}{12}$ less than the Ball.

G. Y. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	8
Waist, . . .	$\frac{7^7}{12}$	$\frac{7^8}{12}$	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	8
Instep, . . .	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	8

Half inch between Ball and Instep. Ball and Waist the same.

G. T. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	8
Waist, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	8
Instep, . . .	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	8

$\frac{8}{12}$ between Ball and Instep. Ball and Waist the same.

G. P. . . .	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	8
Waist, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	8
Instep, . . .	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	$\frac{9^5}{12}$	8

$\frac{3}{4}$ between Ball and Instep.

G. R. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Waist, . . .	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	
Instep, . . .	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	$\frac{9^5}{12}$	$\frac{9^6}{12}$	

 $\frac{10}{12}$ between Ball and Instep.

G. K. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Waist, . . .	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	
Instep, . . .	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	$\frac{9^5}{12}$	$\frac{9^6}{12}$	$\frac{9^7}{12}$	

 $\frac{11}{12}$ between Ball and Instep.

G. L. . . .	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8
Ball, . . .	$\frac{7^9}{12}$	$\frac{7^{10}}{12}$	$\frac{7^{11}}{12}$	8	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	
Waist, . . .	$\frac{8^1}{12}$	$\frac{8^2}{12}$	$\frac{8^3}{12}$	$\frac{8^4}{12}$	$\frac{8^5}{12}$	$\frac{8^6}{12}$	$\frac{8^7}{12}$	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	
Instep, . . .	$\frac{8^8}{12}$	$\frac{8^9}{12}$	$\frac{8^{10}}{12}$	$\frac{8^{11}}{12}$	9	$\frac{9^1}{12}$	$\frac{9^2}{12}$	$\frac{9^3}{12}$	$\frac{9^4}{12}$	$\frac{9^5}{12}$	$\frac{9^6}{12}$	$\frac{9^7}{12}$	$\frac{9^8}{12}$	

1. 第一组
2. 第二组
3. 第三组
4. 第四组

5. 第五组
6. 第六组
7. 第七组
8. 第八组

9. 第九组
10. 第十组
11. 第十一组
12. 第十二组





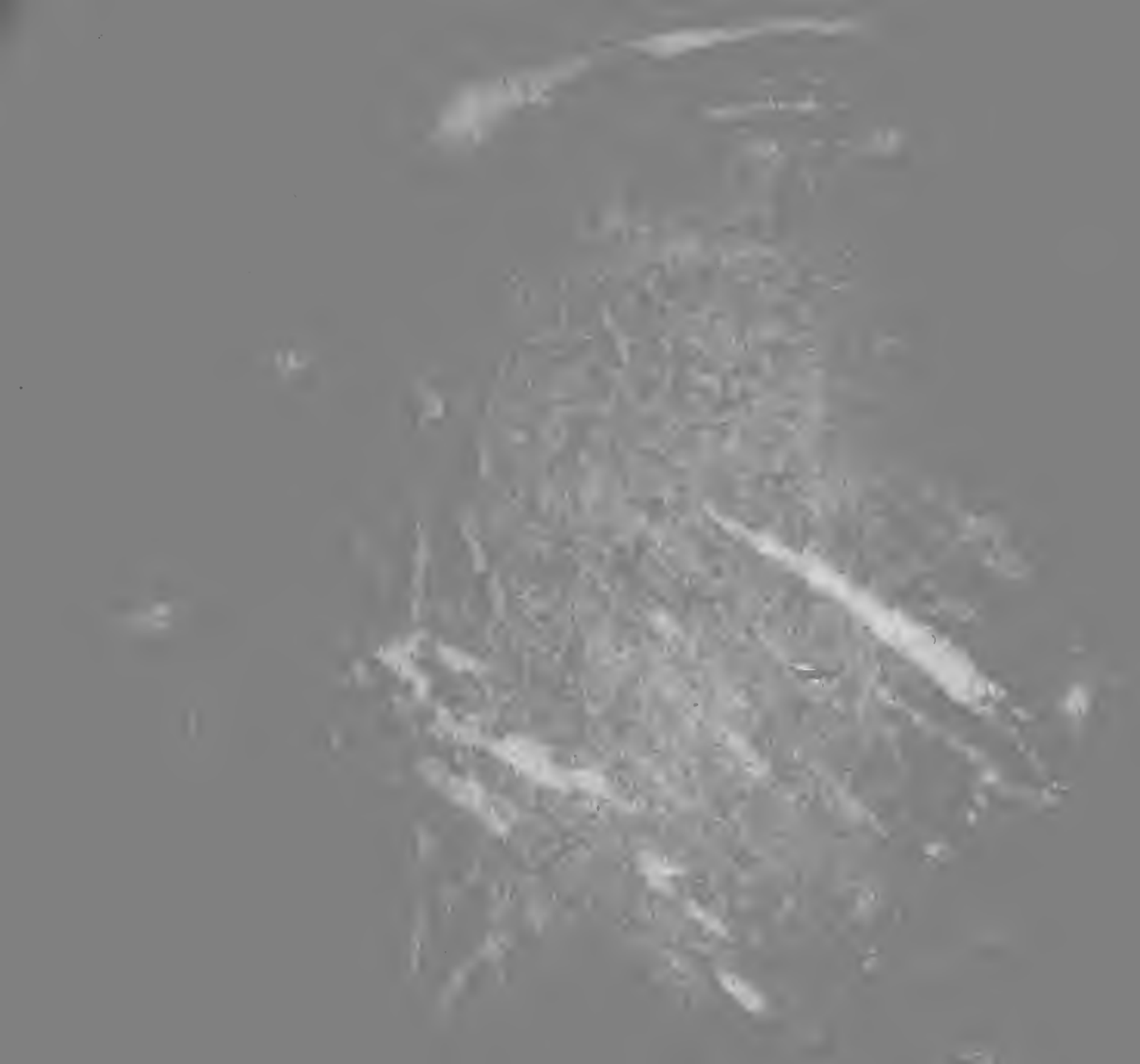




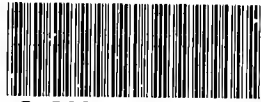








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