

SIZING SYSTEM

SIZING SYSTEM:

A shoe size is a numerical indication of the fitting size of a shoe for a person. Shoe size is represented by length and ball girth .



Foot length versus shoe length

The size and shape of a shoe is determined by the shoe last on which it is manufactured. Foot size is used to determine the shoe size, and foot shape provides information on how to design the last shape.

The length of a foot is commonly defined as the distance between two parallel lines that are perpendicular to the foot and in contact with the most prominent toe and the most prominent part of the heel. Foot length is measured with the subject standing barefoot and the weight of the body equally distributed on both feet.

The size of the left and right foot is often slightly different for many people. In order to choose a shoe size, both feet should be measured and then the shoe size should be chosen based on the larger foot.

Each shoe is suitable for a small interval of foot lengths. The length of the inner cavity of a shoe must typically be 15-20 mm longer than the length of the foot, but this relation varies between different types of shoes.

There are three characteristic lengths that a shoe-size system can refer to:

The average length of foot for which a shoe is suitable. For customers, this measure has the advantage of being directly related to their feet. It applies equally to any type, form, or material of shoe. However, this measure is less popular with manufacturers, as it requires them to test carefully for each new shoe model, for which range of foot sizes it is recommendable. It puts on the manufacturer the burden of ensuring that the

The length of the inner cavity of the shoe. This measure has the advantage that it can be measured easily on the finished product. However, it will vary with manufacturing tolerances and provides the customer only very crude information about the range of foot sizes for which the shoe is suitable.

The length of the last, the foot-shaped template over which the shoe is manufactured. This measure is the easiest one for the manufacturer to use, as it identifies only the tool used to produce the shoe. It makes no promise about manufacturing tolerances or for what size of foot the shoe is actually suitable. It leaves all responsibility and risk of choosing the correct size with the customer.

SHOE SIZING SYSTEMS:

Several shoe-size systems are used today worldwide. In some regions, it is even customary to use different shoe-size systems for different types of shoes (e.g., men's, women's, children's, sport or safety shoes).

Some common sizing systems used worldwide are listed below:

1. English Sizing System
2. French Sizing System (Paris Point System)
3. American Sizing System
4. Mondo Point Sizing System

ENGLISH SIZING SYSTEM:

The length scale for English sizes commences with size 0 which is 4 inches long, and progresses 3 full sizes or 6 half sizes to the inch until size 13-1/2 is reached, here the numbering recommences, the next size being size 1 and continuing to include the largest sizes.

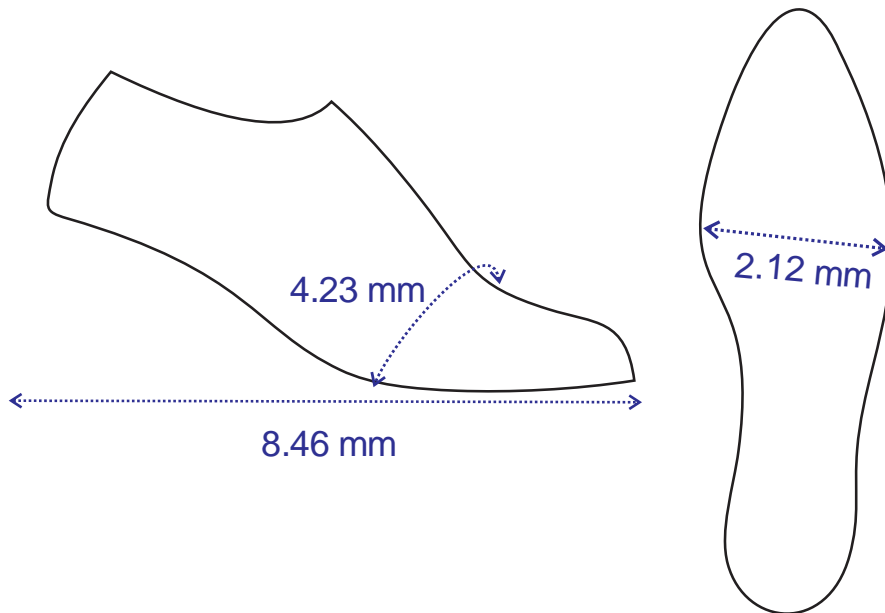
The smaller size scale size 0 to 13-1/2 measures from 4 inches to 8 3/6 inches and the larger scale size 1 to 12 measures from 8-2/3 inches to 12-1/3 inches.

The English Size Scale

1. The English size stick begins with zero at 4 inches.
2. It advances by one-third inch per size.
Half sizes are one sixth of an inch.
3. Children's sizes run to 13-1/2.
4. Adult sizes recommended at 1.
5. Girth Increment:

Children's range- Sizes 0-10-1/2=3/16" (4.76mm)

Adult's Range Size 11- onwards = 1/4" (6.35 mm)



Inches	(Foot Sizes) English Size Stick
1	0
2	
3	
4	
5	1
	2
	3
6	4
	5
	6
7	7
	8
	9
8	10
	11
	12
9	13
	1
	2
10	3
	4
	5
11	6
	7
	8
12	9
	10
	11

FRENCH SIZING SYSTEM(PARIS POINT):

The French size scale (or Paris Points) is related to the C.G.S Measurement system. French sizes are calculated on a scale of 3 Sizes to 2 Centimeters. There are no Half sizes. The first size begins with the first centimeter and progresses consecutively down the scale.

Length increment per size is $\frac{2}{3}$ cm i.e. 6.67mm and Girth increment per size is 4.5 mm.

By referring to the English size Scale and The French size scale a comparison can be made.

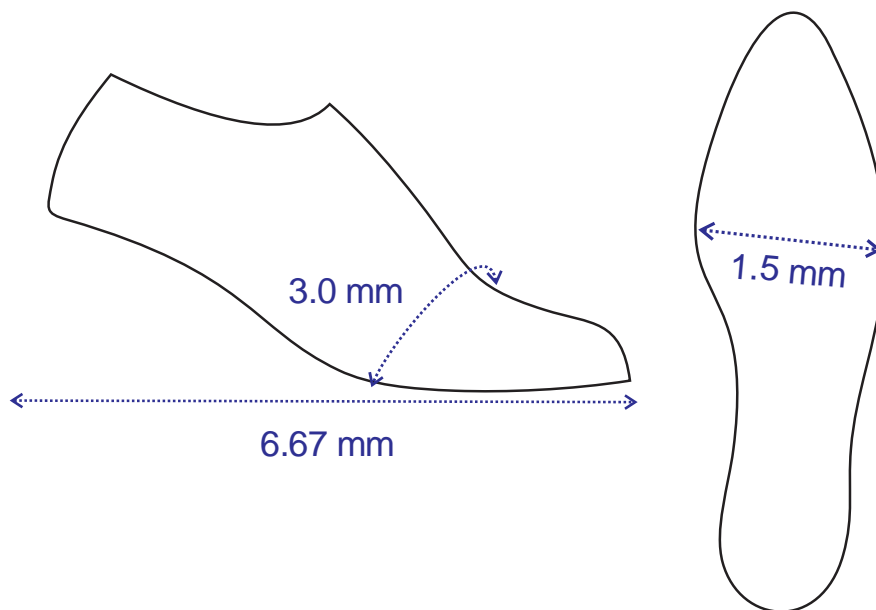
Approximate equivalent French and English sizes are:

English child's 10 = French 28

English girl's 1 = French 33

English woman's 5 = French 38

English man's 8 = French 42



French Paris Pt	Cent
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45

USA SIZING SYSTEM:

This scale is identical to the UK scale except that it starts at 3-11/12 instead of 4.

Marking:

USA sizes on ladies shoes are often shown multiplied

By 10, e.g. 6-1/2=65.

Ladies Sizes as an example:

ENGLISH 5

AMERICAN 6-1/2(65)

FRENCH 38

1	1	15
2	2	16
3	3	17
4	4	18
5	5	19
6	6	20
7	7	21
8	8	22
9	9	23
10	10	24
11	11	25
12	12	26
13	13	27
1	1	28
2	2	29
3	3	30
4	4	31
5	5	32
6	6	33
7	7	34
8	8	35
9	9	36
10	10	37
11	11	38
12	12	39
13	13	40
USA	13	41
	UK	42
		43
		44
		45
		46
		47
		48
		Con t

MONDO POINT SIZING SYSTEM:

The Mondopoint system is the same as measuring the foot (not the shoe) in Millimeters (or Millimetres, mm.). However, some companies treat Mondopoint as Centimeters (Centimetres, cm.). So a shoe may be labeled either 240 (mm) or 24 (cm) if it is designed for a foot that is 240 millimeters long (including some wiggle room for socks). You may see mondopoint sizes with two numbers separated by a slash, e.g. 240/95. The second number is the width of the foot in millimeters.

INTERNATIONAL SHOE SIZE CHART NOTES:

American Women's shoe sizes are the same as American Men's shoe sizes plus 1½.

Canadian shoe sizes are equivalent (identical) to American shoe sizes for both Adult and Children's, Men and Women.

Mexican shoe sizes plus 1½ are the same as American Men's shoe sizes.

British shoe sizes plus 1 are the same as American Men's shoe sizes.

Japanese shoes sizes are American Men's shoes sizes plus 18. (Some companies say add 19.)

Europe uses a system that came from the French called Paris Points (aka Parisien Prick). One Paris Point equals two-thirds of a centimeter. The system starts at zero centimeters and increases. There are no half sizes. American size 0 is the same as 15 Paris Points.

1 Centimeter (Centimeter) is 10 Millimeters (Millimeters).

1 Inch is 2.54 Centimeters (Centimeters).

Paris Points = 1.27 (12+ UK children's shoe size)

Paris Points = 1.27 (25+ UK Adult's shoe size)

English Shoe Size (Children) = Paris Point/ 1.27 - 12

English Shoe Size (Adult) = Paris Point/ 1.27 - 25

A Chinese 7 is a UK 4.

Australia and New Zealand use the same shoe sizes as the United Kingdom for boys, men and girls. However, in some of the women's charts Australia is 1 or 2 sizes bigger than U.K.

Korea measures shoe sizes in millimeters (mm.).

FITTINGS:

These different fittings are normally designated as A, B, C, D, E etc. each indicating a different fitting or volume of the Last surface.

A will indicate the narrow side and E indicate a wider width.

Note: At the extremes of each end of this fitting the fitting can again be sub-divided into further fittings for narrower or wider versions of these extreme ends. For example we can have

AAA would indicate the very extreme narrow measurement of the A fitting designation.

EEEE, like wise this fitting would indicate a very wide version of the extreme wide fitting

AMERICAN FITTING DESIGNATIONS							
A	B	C	D	E	F	G	H

Or

AMERICAN FITTING DESIGNATIONS								
A	AA	AAA	B	C	D	E	EE	EEE

For Example

For size 9							
9A	9B	9C	9D	9E	9F	9G	9H
9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12

(Length Size / Girth Size)

COMPARATIVE SIZE CHART:

