

# Paris Point ↔ Barleycorn Sizing System

Designing Shoe Last Sizes in 1/2, 2/3 & 3/4 IT (Paris Point) Increments

## Italian/European to US & UK

IT    EU	Ft.in	usW	usM	UK	UK & US to Italian/European					
34	8 1/2	4 1/2	3	2	UK	usM	usW	Ft.in	IT    EU	
34 1/2	8 5/8	4 7/8	3 3/8	2 3/8	2	3	4 1/2	8 1/2	34	
35	8 3/4	5 1/4	3 3/4	2 3/4	2 1/2	3 1/2	5	8 2/3	34 2/3	
35 1/2	8 7/8	5 5/8	4 1/8	3 1/8	3	4	5 1/2	8 5/6	35 1/3	
36	9	6	4 1/2	3 1/2	3 1/2	4 1/2	6	9	36	
36 1/2	9 1/8	6 3/8	4 7/8	3 7/8	4	5	6 1/2	9 1/6	36 2/3	
37	9 1/4	6 3/4	5 1/4	4 1/4	4 1/2	5 1/2	7	9 1/3	37 1/3	
37 1/2	9 3/8	7 1/8	5 5/8	4 5/8	5	6	7 1/2	9 1/2	38	
38	9 1/2	7 1/2	6	5	5 1/2	6 1/2	8	9 2/3	38 2/3	
38 1/2	9 5/8	7 7/8	6 3/8	5 3/8	6	7	8 1/2	9 5/6	39 1/3	
39	9 3/4	8 1/4	6 3/4	5 3/4	6 1/2	7 1/2	9	10	40	
39 1/2	9 7/8	8 5/8	7 1/8	6 1/8	7	8	9 1/2	10 1/6	40 2/3	
40	10	9	7 1/2	6 1/2	7 1/2	8 1/2	10	10 1/3	41 1/3	
40 1/2	10 1/8	9 3/8	7 7/8	6 7/8	8	9	10 1/2	10 1/2	42	
41	10 1/4	9 3/4	8 1/4	7 1/4	8 1/2	9 1/2	11	10 2/3	42 2/3	
41 1/2	10 3/8	10 1/8	8 5/8	7 5/8	9	10	11 1/2	10 5/6	43 1/3	
42	10 1/2	10 1/2	9	8	9 1/2	10 1/2	12	11	44	
42 1/2	10 5/8	10 7/8	9 3/8	8 3/8	10	11	12 1/2	11 1/6	44 2/3	
43	10 3/4	11 1/4	9 3/4	8 3/4	10 1/2	11 1/2	13	11 1/3	45 1/3	
43 1/2	10 7/8	11 5/8	10 1/8	9 1/8	11	12	13 1/2	11 1/2	46	
44	11	12	10 1/2	9 1/2						
44 1/2	11 1/8	12 3/8	10 7/8	9 7/8						
45	11 1/4	12 3/4	11 1/4	10 1/4						
45 1/2	11 3/8	13 1/8	11 5/8	10 5/8						
46	11 1/2	13 1/2	12	11						

Last.cm = IT || EU ÷ 1 1/2  
 Last.in = Last.cm ÷ 2.54  
 Foot.cm = Last.cm × 0.9525 [I.P. Factor]  
 Foot.in = Foot.cm ÷ 2.54  
 1/2 Size = 1/8" Foot Increment  
 Paris Point

[I.P. Factor]  
 Last.in = Foot.in ÷ 0.9525  
 = IT || EU ÷ 3.81  
 UK = 3 × Foot.in - 23 1/2  
 usM = 3 × Foot.in - 22 1/2  
 usW = 3 × Foot.in - 21  
 UK = usM - 1 = usW - 2 1/2  
 1/2 Size = 1/6" Foot Increment  
 Barleycorn

MondoPoint = 10 × Foot.cm

5% Toe Room

[1 1/2 Barleycorn Sizes (1/2") @ 6 1/2/7 1/2/9/40]

Last length is measured from the toe tip at ≥ 1/4 of maximum metatarsal width to center rear of heel cup.

Shoe Size Chart Tables & Rulers

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## Men's Manufacturing Labeling

(Typical Range)

### Paris Point

IT US UK

38 / 6 / 5	┌───┐	<b>Barleycorn</b>
38½ / 6¾ / 5⅜		<b>UK US IT</b>
39 / 6¾ / 5¾	┌───┐	5 / 6 / 38
39½ / 7¼ / 6⅛		5½ / 6½ / 38⅔
<b>40 / 7½ / 6½</b>	┌───┐	<b>6 / 7 / 39⅓</b>
40½ / 7¾ / 6⅞		<b>6½ / 7½ / 40</b>
41 / 8¼ / 7¼	┌───┐	7 / 8 / 40⅔
41½ / 8⅝ / 7⅝		7½ / 8½ / 41⅓
42 / 9 / 8	┌───┐	8 / 9 / 42
42½ / 9¾ / 8⅜		8½ / 9½ / 42⅔
43 / 9¾ / 8¾	┌───┐	9 / 10 / 43⅓
43½ / 10⅛ / 9⅛		9½ / 10½ / 44
44 / 10½ / 9½	┌───┐	10 / 11 / 44⅔
44½ / 10⅞ / 9⅞		10½ / 11½ / 45⅓
45 / 11¼ / 10¼	┌───┐	11 / 12 / 46
45½ / 11⅝ / 10⅝		11½ / 12½ / 46⅔
46 / 12 / 11	┌───┐	12 / 13 / 47⅓
46½ / 12⅜ / 11⅜		12½ / 13½ / 48
47 / 12¾ / 11¾	┌───┐	
47½ / 13⅛ / 12⅛		
48 / 13½ / 12½	┌───┐	

## Women's Manufacturing Labeling

(Typical Range)

### Paris Point

IT US UK

34 / 4½ / 2	┌───┐	<b>Barleycorn</b>
34½ / 4⅞ / 2⅜		<b>UK US IT</b>
35 / 5¼ / 2¾	┌───┐	2 / 4½ / 34
35½ / 5⅝ / 3⅛		2½ / 5 / 34⅔
36 / 6 / 3½	┌───┐	3 / 5½ / 35⅓
36½ / 6⅜ / 3⅞		3½ / 6 / 36
37 / 6¾ / 4¼	┌───┐	4 / 6½ / 36⅔
37½ / 7¼ / 4⅝		4½ / 7 / 37⅓
38 / 7½ / 5	┌───┐	5 / 7½ / 38
38½ / 7⅞ / 5⅜		5½ / 8 / 38⅔
39 / 8¼ / 5¾	┌───┐	6 / 8½ / 39⅓
39½ / 8⅝ / 6⅛		<b>6½ / 9 / 40</b>
<b>40 / 9 / 6½</b>	┌───┐	<b>7 / 9½ / 40⅔</b>
40½ / 9⅜ / 6⅞		7½ / 10 / 41⅓
41 / 9¾ / 7¼	┌───┐	8 / 10½ / 42
41½ / 10⅛ / 7⅝		8½ / 11 / 42⅔
42 / 10½ / 8	┌───┐	9 / 11½ / 43⅓
42½ / 10⅞ / 8⅜		9½ / 12 / 44
43 / 11¼ / 8¾	┌───┐	
43½ / 11⅝ / 9⅛		
44 / 12 / 9½	┌───┐	

Attribution: Associate each size label (BY) on shoes with **JSG™** next to it.

Ex: **6½/7½/9/40**

**JSG™**

## Unisex Manufacturing Labeling

Paris Point (Typical Range)

EU UK

32 / 1½	┌───┐	<b>Barleycorn</b>
32½ / 7/8		
33 / 1¼	┌───┐	½ / 32
33½ / 1⅝		1 / 32⅔
34 / 2	┌───┐	1½ / 33⅓
34½ / 2⅜		2 / 34
35 / 2¾	┌───┐	2½ / 34⅔
35½ / 3⅛		3 / 35⅓
36 / 3½	┌───┐	3½ / 36
36½ / 3⅞		4 / 36⅔
37 / 4¼	┌───┐	4½ / 37⅓
37½ / 4⅝		5 / 38
38 / 5	┌───┐	5½ / 38⅔
38½ / 5⅜		6 / 39⅓
39 / 5¼	┌───┐	<b>6½ / 40</b>
39½ / 6⅛		7 / 40⅔
<b>40 / 6½</b>	┌───┐	7½ / 41⅓
40½ / 6⅞		8 / 42
41 / 7¼	┌───┐	8½ / 42⅔
41½ / 7⅝		9 / 43⅓
42 / 8	┌───┐	9½ / 44
42½ / 8⅜		10 / 44⅔
43 / 8¾	┌───┐	10½ / 45⅓
43½ / 9⅛		11 / 46
44 / 9½	┌───┐	11½ / 46⅔
44½ / 9⅞		12 / 47⅓
45 / 10¼	┌───┐	12½ / 48
45½ / 10⅝		13 / 48⅔
46 / 11	┌───┐	13½ / 49⅓
46½ / 11⅜		14 / 50
47 / 11¾	┌───┐	
47½ / 12⅛		
48 / 12½	┌───┐	
48½ / 12⅞		
49 / 13¼	┌───┐	
49½ / 13⅝		
50 / 14	┌───┐	

### Labeling License

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BY: Size Conversion by **JSG™**

**ND** = When labeling preserve these numerical relationships between sizing systems. **Last** design fit must correspond to specified **Foot** length for each size, labeled width and typical girth.

# Summary

The design of the **Last** length is specified using the metric system for the Barleycorn, Paris Point and **CentiMeter** systems. Essentially the Barleycorn  $\frac{1}{2}$  size increment is converted to the  $\frac{2}{3}$  size Paris Point increment for **Last** measurement but uses  $\frac{1}{2}$  Barleycorn increment for **Foot** length. Perfect alignment occurs at the  $6\frac{1}{2}/7\frac{1}{2}/9/40$  size, the center overlap between the average **Mens** and **Womens** sizes. However this causes some minor divergence from the traditional Barleycorn system. At **IT||EU** sizes **36** & **44** Barleycorn sizing divergence is  $<\frac{1}{6}$   $\sim 0.05''$  (1.27mm), at **34** & **46** it is  $<\frac{1}{4}$   $\sim 0.075''$  (1.89mm), and at **32** & **48** it is  $<\frac{1}{3}$   $\sim 0.1''$  (2.53mm). This divergence is much less than the widely varying conversion tables used today and close enough to the original Barleycorn sizing that it should be unnoticeable within the average size ranges. At the extreme ends of the divergence for the larger sizes extra room is available and usually added anyway and for the smaller sizes extra toe room could be added through toe box design or Barleycorn sizing in this area could just change to the diverged size. Using 5% ( $\frac{1}{20}$  0.9525) Toe Room the English system is used to increment the recommended **Foot** length. For the  $\frac{1}{2}$  size increment in the Paris Point system the **Foot** length increment for 5% Toe Room is  $\frac{1}{8}''$  and this also increments the Barleycorn size by  $\frac{3}{8}$ . For the  $\frac{1}{2}$  size increment in the Barleycorn system the **Foot** length increment for 5% Toe Room is  $\frac{1}{6}''$  and this also increments the Paris Point size by  $\frac{2}{3}$ . So for manufacture to the standard Paris Point  $\frac{1}{2}$  size ( $\frac{3}{8}$  Barleycorn) the **Last** will increment by  $\frac{1}{3}$ cm ( $\sim 0.131''$ ) and for the Barleycorn  $\frac{1}{2}$  size ( $\frac{2}{3}$  Paris Point) the **Last** will increment by  $\sim 0.175''$  ( $\frac{4}{9}$ cm,  $[\frac{2}{3}]^2$ ). To easily find your **IT||EU** size measure your **Foot** in inches and multiply by 4. Round up to the next available size if slightly over.

**US Brannock Scale:** For a **10''** **Foot** on the **Womens** scale the measured size is spot on at **usW 9** in this system but for the **Mens** it recommends **8**,  $\frac{1}{2}$  size larger instead of **usM 7 $\frac{1}{2}$** . This a result of the **1** size offset difference instead of  $1\frac{1}{2}$  of the **21** & **22** offsets used in the Barleycorn equation resulting in the **W** & **M** recommended sizes for a given foot length. The **Womens** scale uses  $1\frac{1}{2}$  sizes ( $\frac{1}{2}''$ , 5%) for Toe Room and the **Mens** scale uses 2 sizes ( $\frac{2}{3}''$ , 6 $\frac{2}{3}$ %). The **Mens** measurement adds  $\frac{1}{2}$  size for increased Toe Room for the larger average sizes over the **Womens** sizes so for 5% Toe Room subtract  $\frac{1}{2}$  size to align it with this system. Ace Marks uses **US** Brannock scaling so add  $\frac{1}{2}$  size to this system for proper sizing.

## Adaptation to $\frac{1}{2}$ CM MondoPoint

Most athletic shoes (Sneakers/Trainers) today are manufactured to the  $\frac{1}{2}$ cm (0.19685'') **CentiMeter** scale. This  $\frac{1}{2}$ cm **Last** increment will increment the Paris Point system by  $\frac{3}{4}$  size. Using the same 5% rule the increment for the recommended **Foot** length will be  $\frac{3}{16}''$  and the Barleycorn system size increment will be  $\frac{9}{16}$ . To easily find your **CentiMeter** size measure your **Foot** in inches and multiply by  $2\frac{2}{3}$ . Round up to the next available size if slightly over.

**Conclusion:** For all 3 systems manufacturing will be aligned to the Paris Point system. For the Paris Point, Barleycorn, and  $\frac{1}{2}$ cm **CentiMeter** scales these will correspond to  $\frac{1}{2}$ ,  $\frac{2}{3}$ , and  $\frac{3}{4}$  Paris Point size increments respectively. The merging of the Barleycorn and Paris Point systems is realized by using the Toe Room percentage as a function of the difference between the Barleycorn **Foot** (English) and Paris Point **Last** (Metric) measurements.

5% (The  $\frac{1}{10.9525}$  I.P. Factor) allows the mathematical alignment of the two systems into equally spaced fractional steps for accurate labeling purposes of both. 5% Toe Room is a good average that most people should find comfortable. Add  $\frac{1}{2}$  size if more room is desired.

# 1/2CM Last Increment

## MondoPoint

MondoPoint							
Last	Foot	IT  EU	Last	Foot	UK	usM	usW
.cm	.mm	$\times 1\frac{1}{2}$	.in	.in	$23\frac{1}{2}$	$22\frac{1}{2}$	21
21	200.0	$31\frac{1}{2}$	8.27	$7\frac{7}{8}$	$\frac{1}{8}$	$1\frac{1}{8}$	$2\frac{5}{8}$
$21\frac{1}{2}$	204.8	$32\frac{1}{4}$	8.46	$8\frac{1}{16}$	$\frac{11}{16}$	$1\frac{11}{16}$	$3\frac{3}{16}$
22	209.6	33	8.66	$8\frac{1}{4}$	$1\frac{1}{4}$	$2\frac{1}{4}$	$3\frac{3}{4}$
$22\frac{1}{2}$	214.3	$33\frac{3}{4}$	8.86	$8\frac{7}{16}$	$1\frac{13}{16}$	$2\frac{13}{16}$	$4\frac{5}{16}$
23	219.1	$34\frac{1}{2}$	9.06	$8\frac{5}{8}$	$2\frac{3}{8}$	$3\frac{3}{8}$	$4\frac{7}{8}$
$23\frac{1}{2}$	223.8	$35\frac{1}{4}$	9.25	$8\frac{13}{16}$	$2\frac{15}{16}$	$3\frac{15}{16}$	$5\frac{7}{16}$
24	<b>228.6</b>	<b>36</b>	<b>9.45</b>	<b>9</b>	<b><math>3\frac{1}{2}</math></b>	<b><math>4\frac{1}{2}</math></b>	<b>6</b>
$24\frac{1}{2}$	233.4	$36\frac{3}{4}$	9.65	$9\frac{3}{16}$	$4\frac{1}{16}$	$5\frac{1}{16}$	$6\frac{9}{16}$
25	238.1	$37\frac{1}{2}$	9.84	$9\frac{3}{8}$	$4\frac{5}{8}$	$5\frac{5}{8}$	$7\frac{1}{8}$
$25\frac{1}{2}$	242.9	$38\frac{1}{4}$	10.04	$9\frac{9}{16}$	$5\frac{3}{16}$	$6\frac{3}{16}$	$7\frac{11}{16}$
26	247.7	39	10.24	$9\frac{3}{4}$	$5\frac{3}{4}$	$6\frac{3}{4}$	$8\frac{1}{4}$
$26\frac{1}{2}$	252.4	$39\frac{3}{4}$	10.43	$9\frac{15}{16}$	$6\frac{5}{16}$	$7\frac{5}{16}$	$8\frac{13}{16}$
27	257.2	$40\frac{1}{2}$	10.63	$10\frac{1}{8}$	$6\frac{7}{8}$	$7\frac{7}{8}$	$9\frac{3}{8}$
$27\frac{1}{2}$	261.9	$41\frac{1}{4}$	10.83	$10\frac{5}{16}$	$7\frac{7}{16}$	$8\frac{7}{16}$	$9\frac{15}{16}$
28	<b>266.7</b>	<b>42</b>	<b>11.02</b>	<b><math>10\frac{1}{2}</math></b>	<b>8</b>	<b>9</b>	<b><math>10\frac{1}{2}</math></b>
$28\frac{1}{2}$	271.5	$42\frac{3}{4}$	11.22	$10\frac{11}{16}$	$8\frac{9}{16}$	$9\frac{9}{16}$	$11\frac{1}{16}$
29	276.2	$43\frac{1}{2}$	11.42	$10\frac{7}{8}$	$9\frac{1}{8}$	$10\frac{1}{8}$	$11\frac{5}{8}$
$29\frac{1}{2}$	281.0	$44\frac{1}{4}$	11.61	$11\frac{1}{16}$	$9\frac{11}{16}$	$10\frac{11}{16}$	$12\frac{3}{16}$
30	285.7	45	11.81	$11\frac{1}{4}$	$10\frac{1}{4}$	$11\frac{1}{4}$	$12\frac{3}{4}$
$30\frac{1}{2}$	290.5	$45\frac{3}{4}$	12.01	$11\frac{7}{16}$	$10\frac{13}{16}$	$11\frac{13}{16}$	$13\frac{5}{16}$
31	295.3	$46\frac{1}{2}$	12.20	$11\frac{5}{8}$	$11\frac{3}{8}$	$12\frac{3}{8}$	$13\frac{7}{8}$
$31\frac{1}{2}$	300.0	$47\frac{1}{4}$	12.40	$11\frac{13}{16}$	$11\frac{15}{16}$	$12\frac{15}{16}$	$14\frac{7}{16}$
32	<b>304.8</b>	<b>48</b>	<b>12.60</b>	<b>12</b>	<b><math>12\frac{1}{2}</math></b>	<b><math>13\frac{1}{2}</math></b>	<b>15</b>
$32\frac{1}{2}$	309.6	$48\frac{3}{4}$	12.80	$12\frac{3}{16}$	$13\frac{1}{16}$	$14\frac{1}{16}$	$15\frac{9}{16}$
33	314.3	$49\frac{1}{2}$	12.99	$12\frac{3}{8}$	$13\frac{5}{8}$	$14\frac{5}{8}$	$16\frac{1}{8}$
$33\frac{1}{2}$	319.1	$50\frac{1}{4}$	13.19	$12\frac{9}{16}$	$14\frac{3}{16}$	$15\frac{3}{16}$	$16\frac{11}{16}$
34	323.8	51	13.39	$12\frac{3}{4}$	$14\frac{3}{4}$	$15\frac{3}{4}$	$17\frac{1}{4}$
$34\frac{1}{2}$	328.6	$51\frac{3}{4}$	13.58	$12\frac{15}{16}$	$15\frac{5}{16}$	$16\frac{5}{16}$	$17\frac{13}{16}$
35	333.4	$52\frac{1}{2}$	13.78	$13\frac{3}{8}$	$15\frac{7}{8}$	$16\frac{7}{8}$	$18\frac{3}{8}$

Whole CentiMeter sizes are aligned with standard whole and half IT||EU sizes.  
MondoPoint = Foot.mm (5% Toe Room)

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BY: Size Conversion by JSG™

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Foot	U.K.	U.S.	<sup>220</sup> MP	E.U.	Last
8 $\frac{2}{3}$ "	<b>2½</b>	<b>3½</b>	<b>5</b>	<b>34½</b>	23 $\frac{1}{9}$
Length	6 $\frac{4}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>262</sup> MP	E.U.	Last
10 $\frac{1}{3}$ "	<b>7½</b>	<b>8½</b>	<b>10</b>	<b>41½</b>	27 $\frac{5}{9}$
Length	7 $\frac{6}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>224</sup> MP	E.U.	Last
8 $\frac{5}{8}$ "	<b>3</b>	<b>4</b>	<b>5½</b>	<b>35½</b>	23 $\frac{5}{9}$
Length	6 $\frac{5}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>266</sup> MP	E.U.	Last
10 $\frac{1}{2}$ "	<b>8</b>	<b>9</b>	<b>10½</b>	<b>42</b>	28
Length	7 $\frac{7}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>228</sup> MP	E.U.	Last
9"	<b>3½</b>	<b>4½</b>	<b>6</b>	<b>36</b>	24
Length	6 $\frac{6}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>271</sup> MP	E.U.	Last
10 $\frac{2}{3}$ "	<b>8½</b>	<b>9½</b>	<b>11</b>	<b>42½</b>	28 $\frac{4}{9}$
Length	8 $\frac{0}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>233</sup> MP	E.U.	Last
9 $\frac{1}{8}$ "	<b>4</b>	<b>5</b>	<b>6½</b>	<b>36½</b>	24 $\frac{4}{9}$
Length	6 $\frac{7}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>275</sup> MP	E.U.	Last
10 $\frac{5}{8}$ "	<b>9</b>	<b>10</b>	<b>11½</b>	<b>43½</b>	28 $\frac{8}{9}$
Length	8 $\frac{1}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>237</sup> MP	E.U.	Last
9 $\frac{1}{3}$ "	<b>4½</b>	<b>5½</b>	<b>7</b>	<b>37½</b>	24 $\frac{8}{9}$
Length	7 $\frac{0}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>279</sup> MP	E.U.	Last
11"	<b>9½</b>	<b>10½</b>	<b>12</b>	<b>44</b>	29 $\frac{1}{3}$
Length	8 $\frac{2}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>241</sup> MP	E.U.	Last
9 $\frac{1}{2}$ "	<b>5</b>	<b>6</b>	<b>7½</b>	<b>38</b>	25 $\frac{1}{3}$
Length	7 $\frac{1}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>283</sup> MP	E.U.	Last
11 $\frac{1}{8}$ "	<b>10</b>	<b>11</b>	<b>12½</b>	<b>44½</b>	29 $\frac{7}{9}$
Length	8 $\frac{3}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>245</sup> MP	E.U.	Last
9 $\frac{2}{3}$ "	<b>5½</b>	<b>6½</b>	<b>8</b>	<b>38½</b>	25 $\frac{7}{9}$
Length	7 $\frac{2}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>288</sup> MP	E.U.	Last
11 $\frac{1}{3}$ "	<b>10½</b>	<b>11½</b>	<b>13</b>	<b>45½</b>	30 $\frac{2}{9}$
Length	8 $\frac{4}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>249</sup> MP	E.U.	Last
9 $\frac{5}{8}$ "	<b>6</b>	<b>7</b>	<b>8½</b>	<b>39½</b>	26 $\frac{2}{9}$
Length	7 $\frac{3}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>292</sup> MP	E.U.	Last
11 $\frac{1}{2}$ "	<b>11</b>	<b>12</b>	<b>13½</b>	<b>46</b>	30 $\frac{2}{3}$
Length	8 $\frac{5}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>254</sup> MP	E.U.	Last
10"	<b>6½</b>	<b>7½</b>	<b>9</b>	<b>40</b>	26 $\frac{2}{3}$
Length	7 $\frac{4}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>296</sup> MP	E.U.	Last
11 $\frac{2}{3}$ "	<b>11½</b>	<b>12½</b>	<b>14</b>	<b>46½</b>	31 $\frac{1}{9}$
Length	8 $\frac{6}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>258</sup> MP	E.U.	Last
10 $\frac{1}{6}$ "	<b>7</b>	<b>8</b>	<b>9½</b>	<b>40½</b>	27 $\frac{1}{9}$
Length	7 $\frac{5}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Foot	U.K.	U.S.	<sup>300</sup> MP	E.U.	Last
11 $\frac{5}{8}$ "	<b>12</b>	<b>13</b>	<b>14½</b>	<b>47½</b>	31 $\frac{5}{9}$
Length	8 $\frac{7}{8}$	M	W	IT	cm
5%	Size Conversion by <b>JSG™</b>				Barleycorn

Last	E.U.	U.K.	U.S.	<sup>219</sup> MP	Foot
23	<b>34½</b>	<b>2¾</b>	<b>3¾</b>	<b>4¾</b>	8 <sup>5</sup> / <sub>8</sub> "
cm	IT	6•9	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>251</sup> MP	Foot
26 <sup>1</sup> / <sub>3</sub>	<b>39½</b>	<b>6¾</b>	<b>7¾</b>	<b>8¾</b>	9 <sup>7</sup> / <sub>8</sub> "
cm	IT	7•9	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>222</sup> MP	Foot
23 <sup>1</sup> / <sub>3</sub>	<b>35</b>	<b>2¾</b>	<b>3¾</b>	<b>5¼</b>	8 <sup>3</sup> / <sub>4</sub> "
cm	IT	7•0	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>254</sup> MP	Foot
26 <sup>2</sup> / <sub>3</sub>	<b>40</b>	<b>6½</b>	<b>7½</b>	<b>9</b>	10"
cm	IT	8•0	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>225</sup> MP	Foot
23 <sup>2</sup> / <sub>3</sub>	<b>35½</b>	<b>3⅛</b>	<b>4⅛</b>	<b>5⅝</b>	8 <sup>7</sup> / <sub>8</sub> "
cm	IT	7•1	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>257</sup> MP	Foot
27	<b>40½</b>	<b>6⅞</b>	<b>7⅞</b>	<b>9¾</b>	10 <sup>1</sup> / <sub>8</sub> "
cm	IT	8•1	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>228</sup> MP	Foot
24	<b>36</b>	<b>3½</b>	<b>4½</b>	<b>6</b>	9"
cm	IT	7•2	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>260</sup> MP	Foot
27 <sup>1</sup> / <sub>3</sub>	<b>41</b>	<b>7¼</b>	<b>8¼</b>	<b>9¾</b>	10 <sup>1</sup> / <sub>4</sub> "
cm	IT	8•2	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>232</sup> MP	Foot
24 <sup>1</sup> / <sub>3</sub>	<b>36½</b>	<b>3⅞</b>	<b>4⅞</b>	<b>6¾</b>	9 <sup>1</sup> / <sub>8</sub> "
cm	IT	7•3	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>263</sup> MP	Foot
27 <sup>2</sup> / <sub>3</sub>	<b>41½</b>	<b>7⅝</b>	<b>8⅝</b>	<b>10⅛</b>	10 <sup>3</sup> / <sub>8</sub> "
cm	IT	8•3	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>235</sup> MP	Foot
24 <sup>2</sup> / <sub>3</sub>	<b>37</b>	<b>4¼</b>	<b>5¼</b>	<b>6¾</b>	9 <sup>1</sup> / <sub>4</sub> "
cm	IT	7•4	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>266</sup> MP	Foot
28	<b>42</b>	<b>8</b>	<b>9</b>	<b>10½</b>	10 <sup>1</sup> / <sub>2</sub> "
cm	IT	8•4	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>238</sup> MP	Foot
25	<b>37½</b>	<b>4⅝</b>	<b>5⅝</b>	<b>7⅛</b>	9 <sup>3</sup> / <sub>8</sub> "
cm	IT	7•5	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>270</sup> MP	Foot
28 <sup>1</sup> / <sub>3</sub>	<b>42½</b>	<b>8¾</b>	<b>9¾</b>	<b>10⅞</b>	10 <sup>5</sup> / <sub>8</sub> "
cm	IT	8•5	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>241</sup> MP	Foot
25 <sup>1</sup> / <sub>3</sub>	<b>38</b>	<b>5</b>	<b>6</b>	<b>7½</b>	9 <sup>1</sup> / <sub>2</sub> "
cm	IT	7•6	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>273</sup> MP	Foot
28 <sup>2</sup> / <sub>3</sub>	<b>43</b>	<b>8¾</b>	<b>9¾</b>	<b>11¼</b>	10 <sup>3</sup> / <sub>4</sub> "
cm	IT	8•6	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>244</sup> MP	Foot
25 <sup>2</sup> / <sub>3</sub>	<b>38½</b>	<b>5⅝</b>	<b>6⅝</b>	<b>7⅞</b>	9 <sup>5</sup> / <sub>8</sub> "
cm	IT	7•7	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>276</sup> MP	Foot
29	<b>43½</b>	<b>9⅛</b>	<b>10⅛</b>	<b>11⅝</b>	10 <sup>7</sup> / <sub>8</sub> "
cm	IT	8•7	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>247</sup> MP	Foot
26	<b>39</b>	<b>5¾</b>	<b>6¾</b>	<b>8¼</b>	9 <sup>3</sup> / <sub>4</sub> "
cm	IT	7•8	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>279</sup> MP	Foot
29 <sup>1</sup> / <sub>3</sub>	<b>44</b>	<b>9½</b>	<b>10½</b>	<b>12</b>	11"
cm	IT	8•8	M	W	Length
ParisPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>219</sup> MP	Foot
<b>23</b>	<b>34½</b>	<b>2¾</b>	<b>3¾</b>	<b>4⅞</b>	8 <sup>5</sup> / <sub>8</sub> "
<b>CM</b>	IT	4*6	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>224</sup> MP	Foot
<b>23½</b>	<b>35¼</b>	<b>2<sup>15</sup>/<sub>16</sub></b>	<b>3<sup>15</sup>/<sub>16</sub></b>	<b>5<sup>7</sup>/<sub>16</sub></b>	8 <sup>13</sup> / <sub>16</sub> "
<b>CM</b>	IT	4*7	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>228</sup> MP	Foot
<b>24</b>	<b>36</b>	<b>3½</b>	<b>4½</b>	<b>6</b>	9"
<b>CM</b>	IT	4*8	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>233</sup> MP	Foot
<b>24½</b>	<b>36¾</b>	<b>4<sup>1</sup>/<sub>16</sub></b>	<b>5<sup>1</sup>/<sub>16</sub></b>	<b>6<sup>9</sup>/<sub>16</sub></b>	9 <sup>3</sup> / <sub>16</sub> "
<b>CM</b>	IT	4*9	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>238</sup> MP	Foot
<b>25</b>	<b>37½</b>	<b>4<sup>5</sup>/<sub>8</sub></b>	<b>5<sup>5</sup>/<sub>8</sub></b>	<b>7⅞</b>	9 <sup>3</sup> / <sub>8</sub> "
<b>CM</b>	IT	5*0	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>243</sup> MP	Foot
<b>25½</b>	<b>38¼</b>	<b>5<sup>3</sup>/<sub>16</sub></b>	<b>6<sup>3</sup>/<sub>16</sub></b>	<b>7<sup>11</sup>/<sub>16</sub></b>	9 <sup>9</sup> / <sub>16</sub> "
<b>CM</b>	IT	5*1	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>247</sup> MP	Foot
<b>26</b>	<b>39</b>	<b>5¾</b>	<b>6¾</b>	<b>8¼</b>	9¾"
<b>CM</b>	IT	5*2	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>252</sup> MP	Foot
<b>26½</b>	<b>39¾</b>	<b>6<sup>5</sup>/<sub>16</sub></b>	<b>7<sup>5</sup>/<sub>16</sub></b>	<b>8<sup>13</sup>/<sub>16</sub></b>	9 <sup>15</sup> / <sub>16</sub> "
<b>CM</b>	IT	5*3	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>257</sup> MP	Foot
<b>27</b>	<b>40½</b>	<b>6⅞</b>	<b>7⅞</b>	<b>9<sup>3</sup>/<sub>8</sub></b>	10 <sup>1</sup> / <sub>8</sub> "
<b>CM</b>	IT	5*4	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>262</sup> MP	Foot
<b>27½</b>	<b>41¼</b>	<b>7<sup>7</sup>/<sub>16</sub></b>	<b>8<sup>7</sup>/<sub>16</sub></b>	<b>9<sup>15</sup>/<sub>16</sub></b>	10 <sup>5</sup> / <sub>16</sub> "
<b>CM</b>	IT	5*5	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>266</sup> MP	Foot
<b>28</b>	<b>42</b>	<b>8</b>	<b>9</b>	<b>10½</b>	10½"
<b>CM</b>	IT	5*6	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>271</sup> MP	Foot
<b>28½</b>	<b>42¾</b>	<b>8<sup>9</sup>/<sub>16</sub></b>	<b>9<sup>9</sup>/<sub>16</sub></b>	<b>11<sup>1</sup>/<sub>16</sub></b>	10 <sup>11</sup> / <sub>16</sub> "
<b>CM</b>	IT	5*7	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>276</sup> MP	Foot
<b>29</b>	<b>43½</b>	<b>9⅞</b>	<b>10⅞</b>	<b>11<sup>5</sup>/<sub>8</sub></b>	10 <sup>7</sup> / <sub>8</sub> "
<b>CM</b>	IT	5*8	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>281</sup> MP	Foot
<b>29½</b>	<b>44¼</b>	<b>9<sup>11</sup>/<sub>16</sub></b>	<b>10<sup>11</sup>/<sub>16</sub></b>	<b>12<sup>3</sup>/<sub>16</sub></b>	11 <sup>1</sup> / <sub>16</sub> "
<b>CM</b>	IT	5*9	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>285</sup> MP	Foot
<b>30</b>	<b>45</b>	<b>10¾</b>	<b>11¾</b>	<b>12¾</b>	11¼"
<b>CM</b>	IT	6*0	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>290</sup> MP	Foot
<b>30½</b>	<b>45¾</b>	<b>10<sup>13</sup>/<sub>16</sub></b>	<b>11<sup>13</sup>/<sub>16</sub></b>	<b>13<sup>5</sup>/<sub>16</sub></b>	11 <sup>7</sup> / <sub>16</sub> "
<b>CM</b>	IT	6*1	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>295</sup> MP	Foot
<b>31</b>	<b>46½</b>	<b>11<sup>3</sup>/<sub>8</sub></b>	<b>12<sup>3</sup>/<sub>8</sub></b>	<b>13<sup>7</sup>/<sub>8</sub></b>	11 <sup>5</sup> / <sub>8</sub> "
<b>CM</b>	IT	6*2	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>300</sup> MP	Foot
<b>31½</b>	<b>47¼</b>	<b>11<sup>15</sup>/<sub>16</sub></b>	<b>12<sup>15</sup>/<sub>16</sub></b>	<b>14<sup>7</sup>/<sub>16</sub></b>	11 <sup>13</sup> / <sub>16</sub> "
<b>CM</b>	IT	6*3	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

Last	E.U.	U.K.	U.S.	<sup>305</sup> MP	Foot
<b>32</b>	<b>48</b>	<b>12½</b>	<b>13½</b>	<b>15</b>	12"
<b>CM</b>	IT	6*4	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

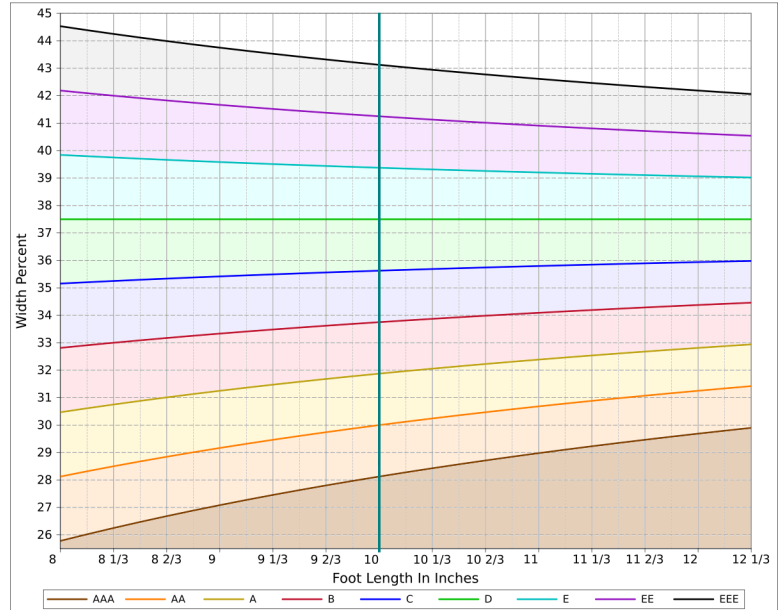
Last	E.U.	U.K.	U.S.	<sup>309</sup> MP	Foot
<b>32½</b>	<b>48¾</b>	<b>13<sup>1</sup>/<sub>16</sub></b>	<b>14<sup>1</sup>/<sub>16</sub></b>	<b>15<sup>9</sup>/<sub>16</sub></b>	12 <sup>3</sup> / <sub>16</sub> "
<b>CM</b>	IT	6*5	M	W	Length
MondoPoint	Size Conversion by <b>JSG™</b>				5%

To the right is the Brannock width variance graph and as you can see it is non-linear. Only the **D** width is a consistent **37½%** of the length across the entire size range. This is because the ½ size increment is  $\frac{1}{8}$ " and the width increment for ½ size is  $\frac{1}{16}$ ",  $6 \div 16 = \frac{3}{8}$  ;  $\frac{3}{8} \times 100 = 37\frac{1}{2}\%$ . For scaling purposes this consistent width percentage characteristic should apply for all widths and all sizes. The standard Brannock width table is linear in respect that widths are separated by  $\frac{3}{16}$ " and the width increment per ½ size is  $\frac{1}{16}$ ". This linear layout of the width table does not lend itself to consistent scaling. As you can see the width % difference for an **8" Foot** from **AAA** to **EEE** is **18¾%** but for a **12½" Foot** it is **12½%**, a >6% difference.

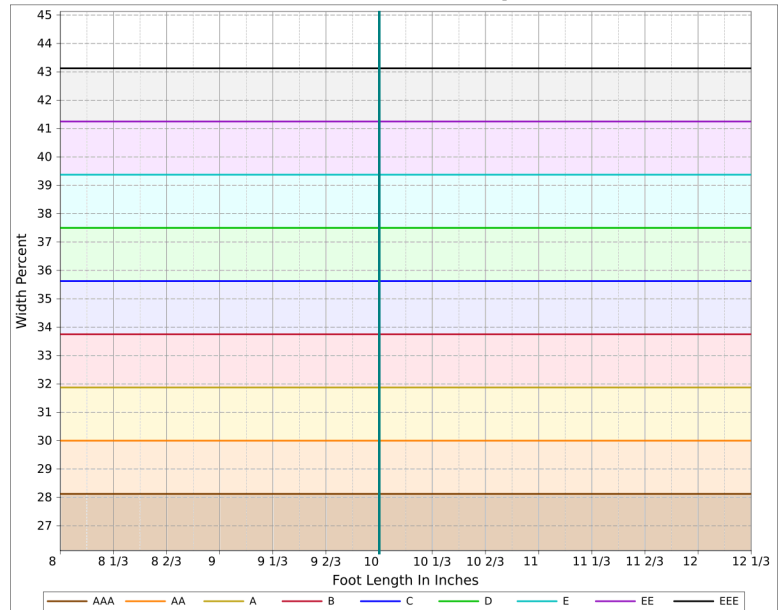
In actual manufacturing proper scaling of the **Lasts** will maintain the same percentage for a given width across the entire size range like the **D** width. For instance in the generic graph to the right using the **1⅞%** width spacing for a **10"** foot, and for every ½ size,  $\frac{1}{8}$ ", % and increments for the following widths are: **AAA** 28⅝%  $\frac{1}{21.3}$ "  
**AA** 30%  $\frac{1}{20}$ "                    **A** 31⅞%  $\frac{1}{18.824}$ "  
**B** 33¼%  $\frac{1}{17.7}$ "                    **C** 35⅝%  $\frac{1}{16.842}$ "  
**D** 37½%  $\frac{1}{16}$ "                    **E** 39⅜%  $\frac{1}{15.238}$ "  
**EE** 41¼%  $\frac{1}{14.545}$ "                **EEE** 43⅞%  $\frac{1}{13.913}$ "  
The exact formula for calculating the denominator of each fraction is:  $600 \div \text{Width\%}$   
Using this method allows the width to be specified as a percentage which can be referenced to a standard width marking and can be easily calculated using the width and length of the **Foot**. The metatarsal girth, circumference around the ball of the foot, associated with the width is even more important in determining how tight the shoe width fits and should also be a standard specified value expressed as a percentage of the **Foot** length associated with each width.

Again a **10" Foot** on the **US** Customary and Paris Point systems using **5%** Toe Room along with the Brannock system was chosen for the median width scaling value. Since a **10" Foot** is in the center of overlapping lengths for both **M & W** Brannock (**6 & 10½**) and Paris Point (**38 & 42**) sizes the Brannock exact width increment of **1⅞%** is an optimal choice. Whether this is the best width % increment to use as a defined standard can be debated but it is probably the best preliminary value to use since it is the median average used on the Original **Brannock Device®** for a **10" Foot** and most shoes in the past have been manufactured to fit well using the device. Whether the non-linear width curves of the original Brannock width table are of any benefit, e.g. growing feet, for adult sizes it seems to be of little if any value and would be a disadvantage when scaling **Lasts** for all widths and sizes. The foot rulers presented here will further optimize the spacing by using an  $\sim 5\frac{2}{3}\%$  factor increment,  $\sqrt{37\frac{1}{2} \div 33\frac{3}{4}}$  , between the widths, **AAA** 28⅝%, **AA** 30⅞%, **A** 32%, **B** 33¼%, **C** 35 $\frac{4}{7}$ %, **D** 37½%, **E** 39½%, **EE** 41⅓%, **EEE** 43⅞%, a non-linear but  $\sim 1\frac{1}{8}\%$  average width spacing.

**US Brannock Width Variance Graph**



**Generic Width Graph**





Copy Ruler Image to Clipboard and Paste into Image Editor. Set Print D.P.I. to 300 and Print on 8½"×14"

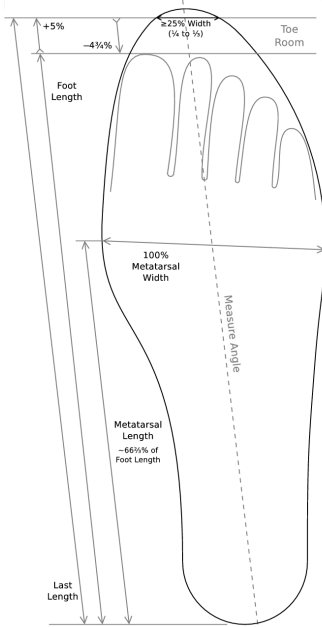
Legal Size Paper or CardStock. Cut Along Dotted Line at Top and Place on a Board with a RightAngleBackStop.

Actual ruler increment markings align with the inch scale. After printing check to see if the 12" mark measures 12".

The ruler can be used to take width measurements and a percentage can be calculated from the foot length and referenced on page 8 for the proper width.

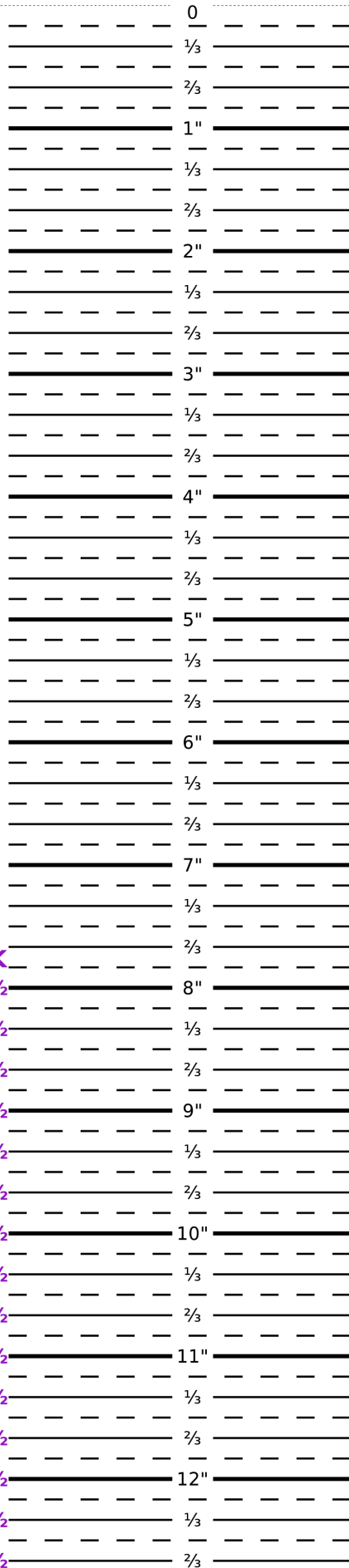
127/300DPI

# The Barleycorn™ Universal Foot Ruler



Toe Room : +5%  
 $0.9525 \times \frac{17}{8} \rightarrow 1.050$   
 (-4 1/4%) (+5%)  
 Last.in = Foot.in + 5%  
 IT = Last.cm × 1 1/2  
 Foot.cm = Last.cm × 0.9525  
 Last.in = Last.cm + 2.54  
 US | UK = Foot.in × 3 - Offset  
 Offsets : UK = 23, M = 22, W = 21

Mondo Point	IT	W	M	UK
203	32	3	1 1/2	1/2
211	33 1/3	4	2 1/2	1 1/2
220	34 2/3	5	3 1/2	2 1/2
228	36	6	4 1/2	3 1/2
237	37 1/3	7	5 1/2	4 1/2
245	38 2/3	8	6 1/2	5 1/2
254	40	9	7 1/2	6 1/2
262	41 1/3	10	8 1/2	7 1/2
271	42 2/3	11	9 1/2	8 1/2
279	44	12	10 1/2	9 1/2
288	45 1/3	13	11 1/2	10 1/2
296	46 2/3	14	12 1/2	11 1/2
305	48	15	13 1/2	12 1/2
313	49 1/3	16	14 1/2	13 1/2
321	50 2/3	17	15 1/2	14 1/2



Measuring feet at the end of the day will produce the most accurate size and best overall fit.

Place heel against backstop and position the angle of the foot to obtain longest measurement using the longest toe.

After measuring length for size choose your normal width if available otherwise go up or down in size to compensate.

Use the scale to measure width and a percentage can be calculated using the foot length.

### Approximate Width Table

28 5/8%	X Slim	AAA	A
30 3/8%	Slim	AA	B
32%	Narrow	A	C
33 3/4%	Medium	B	D
35 1/4%	Medium	C	E
37 1/2%	Medium	D	F
39 1/2%	Wide	E	G
41 3/8%	X Wide	EE	H
43 7/8%	XX Wide	EEE	I

$$\% = \frac{100 \times \text{Width (In)}}{\text{Length (In)}}$$

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UK	M	W	IT	Mondo Point
1	2	3 1/2	32 2/3	207
2	3	4 1/2	34	216
3	4	5 1/2	35 1/3	224
4	5	6 1/2	36 2/3	233
5	6	7 1/2	38	241
6	7	8 1/2	39 1/3	249
7	8	9 1/2	40 2/3	258
8	9	10 1/2	42	266
9	10	11 1/2	43 1/3	275
10	11	12 1/2	44 2/3	283
11	12	13 1/2	46	292
12	13	14 1/2	47 1/3	300
13	14	15 1/2	48 2/3	309
14	15	16 1/2	50	317

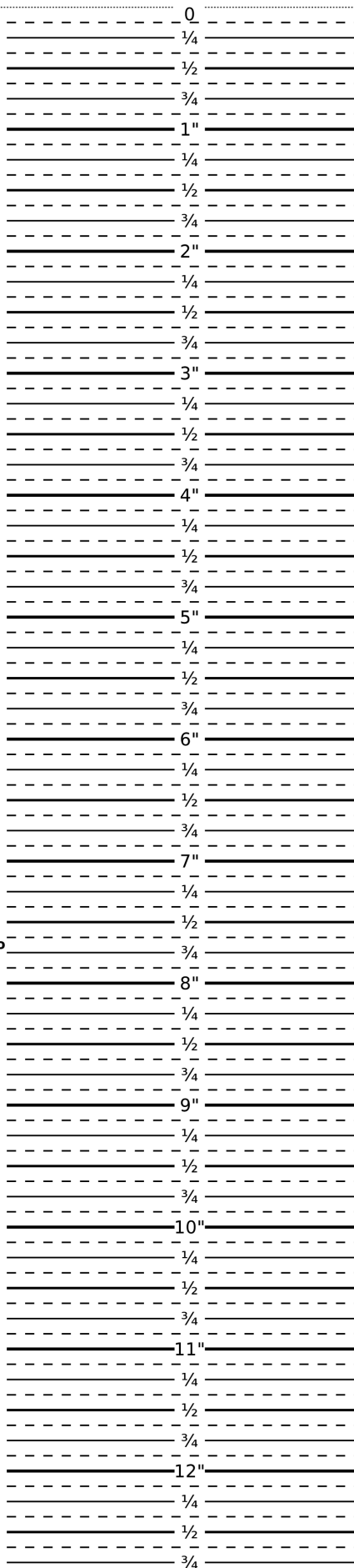
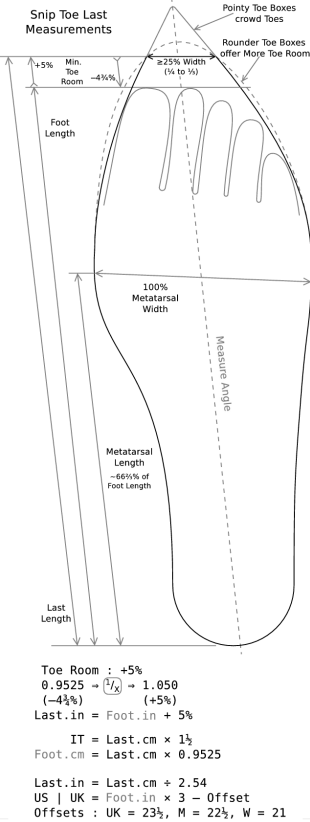
Copy Ruler Image to Clipboard and Paste into Image Editor. Set Print D.P.I. to 299.216 and Print on 8½"×14" Legal Size Paper or CardStock. Cut Along Dotted Line at Top and Place on a Board with a RightAngleBackStop.

Actual ruler increment markings align with the inch scale. After printing check to see if the 12" mark measures 12".

The ruler can be used to take width measurements and a percentage can be calculated from the foot length and referenced on page 8 for the proper width.

95/299.216DPI

# The Paris Point™ Universal Foot Ruler



Measuring feet at the end of the day will produce the most accurate size and best overall fit.

Place heel against backstop and position the angle of the foot to obtain longest measurement using the longest toe.

After measuring length for size choose your normal width if available otherwise go up or down in size to compensate.

Use the scale to measure width and a percentage can be calculated using the foot length.

### Approximate Width Table

28 5/8%	X Slim	AAA	A
30 3/8%	Slim	AA	B
32%	Narrow	A	C
33 3/4%	Medium	B	D
35 1/4%	Medium	C	E
37 1/2%	Medium	D	F
39 3/8%	Wide	E	G
41 2/3%	X Wide	EE	H
43 7/8%	XX Wide	EEE	I

$$\% = \frac{100 \times \text{Width (In)}}{\text{Length (In)}}$$

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UK	M	W	IT	Mondo Point	Mondo Point	IT	W	M	UK
1/2	1 1/2	3	32	203	206	32 1/2	3 3/8	1 7/8	7/8
1 1/4	2 1/4	3 3/4	33	209	212	33 1/2	4 1/8	2 5/8	1 5/8
2	3	4 1/2	34	216	219	34 1/2	4 7/8	3 3/8	2 3/8
2 3/4	3 3/4	5 1/4	35	222	225	35 1/2	5 5/8	4 1/8	3 1/8
3 1/2	4 1/2	6	36	228	232	36 1/2	6 3/8	4 7/8	3 7/8
4 1/4	5 1/4	6 3/4	37	235	238	37 1/2	7 1/8	5 5/8	4 5/8
5	6	7 1/2	38	241	244	38 1/2	7 7/8	6 3/8	5 3/8
5 3/4	6 3/4	8 1/4	39	247	251	39 1/2	8 5/8	7 1/8	6 1/8
6 1/2	7 1/2	9	40	254	257	40 1/2	9 3/8	7 7/8	6 7/8
7 1/4	8 1/4	9 3/4	41	260	263	41 1/2	10 1/8	8 5/8	7 5/8
8	9	10 1/2	42	266	270	42 1/2	10 7/8	9 3/8	8 3/8
8 3/4	9 3/4	11 1/4	43	273	276	43 1/2	11 5/8	10 1/8	9 1/8
9 1/2	10 1/2	12	44	279	282	44 1/2	12 3/8	10 7/8	9 7/8
10 1/4	11 1/4	12 3/4	45	285	289	45 1/2	13 1/8	11 5/8	10 5/8
11	12	13 1/2	46	292	295	46 1/2	13 7/8	12 3/8	11 3/8
11 3/4	12 3/4	14 1/4	47	298	301	47 1/2	14 5/8	13 1/8	12 1/8
12 1/2	13 1/2	15	48	305	308	48 1/2	15 3/8	13 7/8	12 7/8
13 1/4	14 1/4	15 3/4	49	311	314	49 1/2	16 1/8	14 5/8	13 5/8
14	15	16 1/2	50	317	320	50 1/2	16 7/8	15 3/8	14 3/8
14 3/4	15 3/4	17 1/4	51	324					

This ruler is primarily intended for Inline Skates, Ski Boots and other Athletic Footwear (Tennis, Sneakers, Trainers, etc...) that are manufactured in 1/2cm increments for the MondoPoint system.

Copy Ruler Image to Clipboard and Paste into Image Editor. Set Print D.P.I. to 298 1/2 and Print on 8 1/2" x 14" Legal Size Paper or CardStock. Cut Along Dotted Line at Top and Place on a Board with a Right Angle BackStop.

Actual ruler increment markings align with the inch scale. After printing check to see if the 12" mark measures 12".

The ruler can be used to take width measurements and a percentage can be calculated from the foot length and referenced on page 8 for the proper width.

# MondoPoint 1/2 CentiMeter TM Universal Foot Ruler



3/4cm/7 1/2mm				Mondo Point
W	M	UK	IT	205
3 3/4	2 1/4	1 1/4	33	209
4 7/8	3 3/8	2 3/8	34 1/2	214
6	4 1/2	3 1/2	36	219
7 1/8	5 5/8	4 5/8	37 1/2	224
8 3/4	6 3/4	5 3/4	39	228
9 3/8	7 7/8	6 7/8	40 1/2	233
10 1/2	9	8	42	238
11 5/8	10 3/8	9 3/8	43 1/2	243
12 3/4	11 1/4	10 1/4	45	247
13 7/8	12 3/8	11 3/8	46 1/2	252
15	13 1/2	12 1/2	48	257
16 1/8	14 5/8	13 5/8	49 1/2	262
17 1/4	15 3/4	14 3/4	51	266

Backstop Line		Cut Here	
— Lasts or Inside Lengths in CentiMeters —			
0	1	2	3
1	1 1/2	2 1/2	3 1/2
2	2 1/2	3 1/2	4 1/2
3	3 1/2	4 1/2	5 1/2
4	4 1/2	5 1/2	6 1/2
5	5 1/2	6 1/2	7 1/2
6	6 1/2	7 1/2	8 1/2
7	7 1/2	8 1/2	9 1/2
8	8 1/2	9 1/2	10 1/2
9	9 1/2	10 1/2	11 1/2
10	10 1/2	11 1/2	12 1/2
11	11 1/2	12 1/2	13 1/2
12	12 1/2	13 1/2	14 1/2
13	13 1/2	14 1/2	15 1/2
14	14 1/2	15 1/2	16 1/2
15	15 1/2	16 1/2	17 1/2
16	16 1/2	17 1/2	18 1/2
17	17 1/2	18 1/2	19 1/2
18	18 1/2	19 1/2	20 1/2
19	19 1/2	20 1/2	21 1/2
20	20 1/2	21 1/2	22 1/2
21	21 1/2	22 1/2	23 1/2
22	22 1/2	23 1/2	24 1/2
23	23 1/2	24 1/2	25 1/2
24	24 1/2	25 1/2	26 1/2
25	25 1/2	26 1/2	27 1/2
26	26 1/2	27 1/2	28 1/2
27	27 1/2	28 1/2	29 1/2
28	28 1/2	29 1/2	30 1/2
29	29 1/2	30 1/2	31 1/2
30	30 1/2	31 1/2	32 1/2
31	31 1/2	32 1/2	33 1/2
32	32 1/2	33 1/2	34 1/2
33	33 1/2	34 1/2	35 1/2
34	34 1/2	35 1/2	36 1/2

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### Approximate Width Table

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32%	Narrow	A	C
33 3/4%	Medium	B	D
35 1/4%	Medium	C	E
37 1/2%	Medium	D	F
39 1/2%	Wide	E	G
41 2/3%	X Wide	EE	H
43 3/8%	XX Wide	EEE	I

$$\% = \frac{100 \times \text{Width (CM)}}{\text{Length (CM)}}$$

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Foot .in	IT	UK	M	W
8 1/16	32 1/4	11 1/16	1 11/16	3 3/16
8 1/4				
8 7/16	33 3/4	1 13/16	2 13/16	4 5/16
8 5/8				
8 13/16	35 1/4	2 15/16	3 15/16	5 7/16
9				
9 3/16	36 3/4	4 1/16	5 1/16	6 9/16
9 3/8				
9 9/16	38 1/4	5 3/16	6 3/16	7 11/16
9 3/4				
9 15/16	39 3/4	6 5/16	7 5/16	8 13/16
10 1/8				
10 5/16	41 1/4	7 7/16	8 7/16	9 15/16
10 1/2				
10 11/16	42 3/4	8 9/16	9 9/16	11 1/16
10 3/4				
11 1/16	44 1/4	9 11/16	10 11/16	12 3/16
11 1/4				
11 7/16	45 3/4	10 13/16	11 13/16	13 5/16
11 5/8				
11 13/16	47 1/4	11 15/16	12 15/16	14 7/16
12				
12 3/16	48 3/4	13 1/16	14 1/16	15 9/16
12 3/8				
12 9/16	50 1/4	14 3/16	15 3/16	16 11/16
12 3/4				