

Shoe Last Equivalencies

IT|EU Paris Point to UK&US Barleycorn Conversions

Shoe Last	~5% TR Mondo Point .cm — .mm	IT EU ×1½	UK Ad 25½	US M 24½	US W 23	~71% Heel .mm	
	23⅓	222	35	2½	3½	5	105
	23⅔	225	35½	2.9	3.9	5⅔	106½
	24	228	36	3.3	4.3	5⅔	108
	24⅓	232	36½	3.7	4.7	6⅓	109½
	24⅔	235	37	4.1	5.1	6⅔	111
	25	238	37½	4½	5½	7	112½
	25⅓	241	38	4.9	5.9	7⅔	114
	25⅔	244	38½	5.3	6.3	7⅔	115½
	26	247	39	5.7	6.7	8⅓	117
	26⅓	251	39½	6.1	7.1	8⅔	118½
	26⅔	254	40	6½	7½	9	120
	27	257	40½	6.9	7.9	9⅔	121½
	27⅓	260	41	7.3	8.3	9⅔	123
	27⅔	263	41½	7.7	8.7	10⅓	124½
	28	266	42	8.1	9.1	10⅔	126
	28⅓	270	42½	8½	9½	11	127½
	28⅔	273	43	8.9	9.9	11⅔	129
	29	276	43½	9.3	10.3	11⅔	130½
	29⅓	279	44	9.7	10.7	12⅓	132
	29⅔	282	44½	10.1	11.1	12⅔	133½
	30	285	45	10½	11½	13	135
	30⅓	289	45½	10.9	11.9	13⅔	136½
	30⅔	292	46	11.3	12.3	13⅔	138

~71% Heel maintaining the same Pitch°∠, Arch°∠ & Heel Plateau°∠ across all sizes. Heel height is a percentage of metatarsal length (⅔ of foot, toes ⅓) using 5% toe room.

$$\text{Foot.in} = \text{IT|EU} \div 4 \text{ (5\% Toe Room)} ; \text{IT|EU} = 1\frac{1}{2} \times \text{Last.cm}$$

$$\text{Foot.mm} = 8 \times \{ [\text{UKAd|usM|usW}] + [25|24|22\frac{1}{2}] \} \text{ (5\% Toe Room)}$$

$$[\text{UKAd|usM|usW}] = \text{IT|EU} \div 1\frac{1}{4} - [25\frac{1}{2}|24\frac{1}{2}|23] \quad 26\frac{2}{3}\text{cm} = 10\frac{1}{2}" \text{ Last Length}$$

$$\text{Last.in} = 2.54 \times \text{Last.cm} \text{ (I.P. Factor)} \quad (\text{IT|EU}40 = \text{UK}6\frac{1}{2}/\text{us}7\frac{1}{2}/\text{us}9)$$

$$\text{Reference sizes Mens \& Womens.} \quad \sim 71\% \text{ Heel.mm} = 3 \times \text{IT|EU} \text{ (Maximum practical heel height)}$$