



A Comparative Study of Shoe Size Measurements, American, English, French (Euro).

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For generations shoes have been sized differently from style to style, vendor to vendor, and country to country. Below are the comparisons between American, English, and French (Euro) Shoe Size Measurements.

Recognizing and fitting differences between American, English, and French (Euro) Shoe Size provides the basis for optimum shoe fit and comfort.

Overall Shoe Size Measurements

Heel-to-ball = $\frac{2}{3}$ total length.

Ball-to-toe = $\frac{1}{3}$ total length

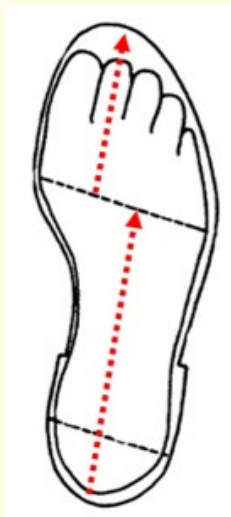


Figure a

American and English (UK) Size Increments

- Shoe sizes originally measured in barley corns
- Average length of barley corn approximately $\frac{1}{3}$ "

Shoe size increments

1 full size = $\frac{1}{3}$ "

$\frac{1}{2}$ size = $\frac{1}{6}$ "

Shoe length differences in inches

1" = 3 full sizes ($\frac{1}{3}$ " per size)

Each Increase in length proportionally increases girth (width)

American and English sizing systems

Width - Ball Measurement

- Ball circumference (girth) difference between widths = $\frac{1}{4}$ "
- A = $\frac{1}{4}$ " narrower B, $\frac{1}{2}$ " narrower C, etc.
- As lengths increase, ball measurements increase in proportion
- Half size = $\frac{1}{8}$ " change in ball girth
- Full size = $\frac{1}{4}$ "
- Size 9 narrower than size 9 $\frac{1}{2}$, by $\frac{1}{8}$ ", size 10, by $\frac{1}{4}$ "

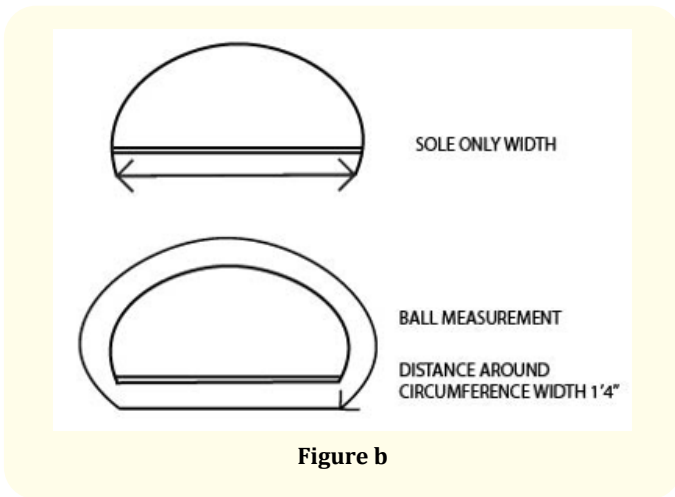


Figure b

Equivalent shoe sizes American shoes come in various sizes

- Women: Narrow = 2A, Medium = B, Wide = D, WW = 2E
- Men: Narrow = B, Medium = D, Wide = 2E, WW = 4E

American English French shoe size scale chart

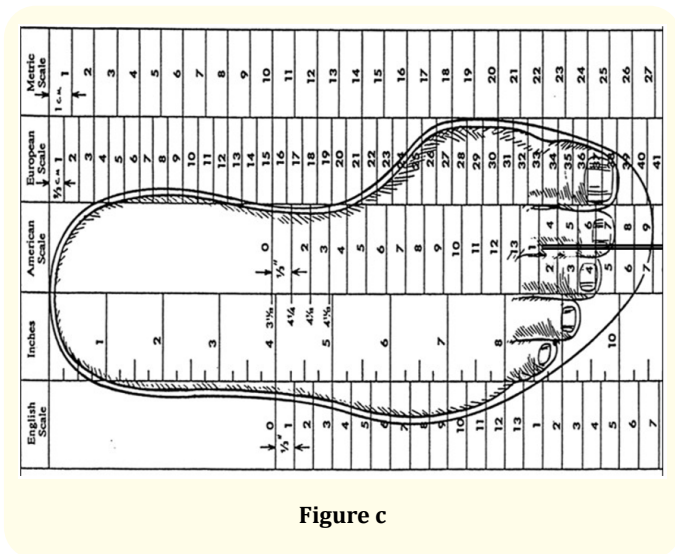


Figure c

French (European) sizing systems

- French sizes are measured in centimeters.
- American and English sizes are measured in inches.
- 2.54 cm = 1 inch
- .3937 (approx. 3/8") = 1 cm

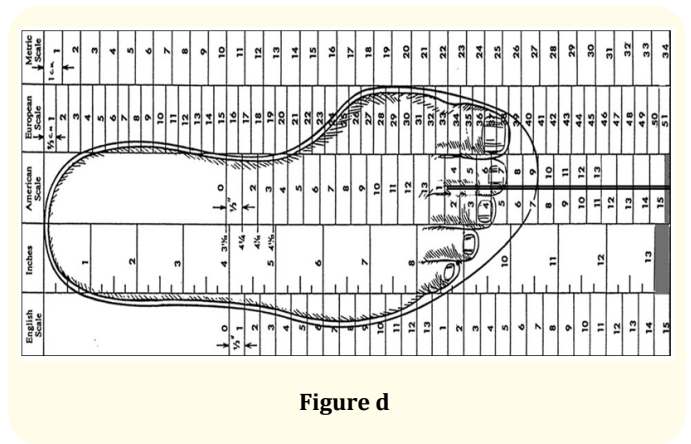


Figure d

Conclusion and Action Plan

Shoe Size Measurements are unique to each style, brand, and country of origin. Recognizing and fitting differences between American, English, and French (Euro) Shoe Size provides the basis for optimum shoe fit and comfort.