

Dimensioning Basics

The following figures show some very important basic rules of dimensioning. Sketch the following figures.

Figure 11.2 Dimensioning Technique (Metric)

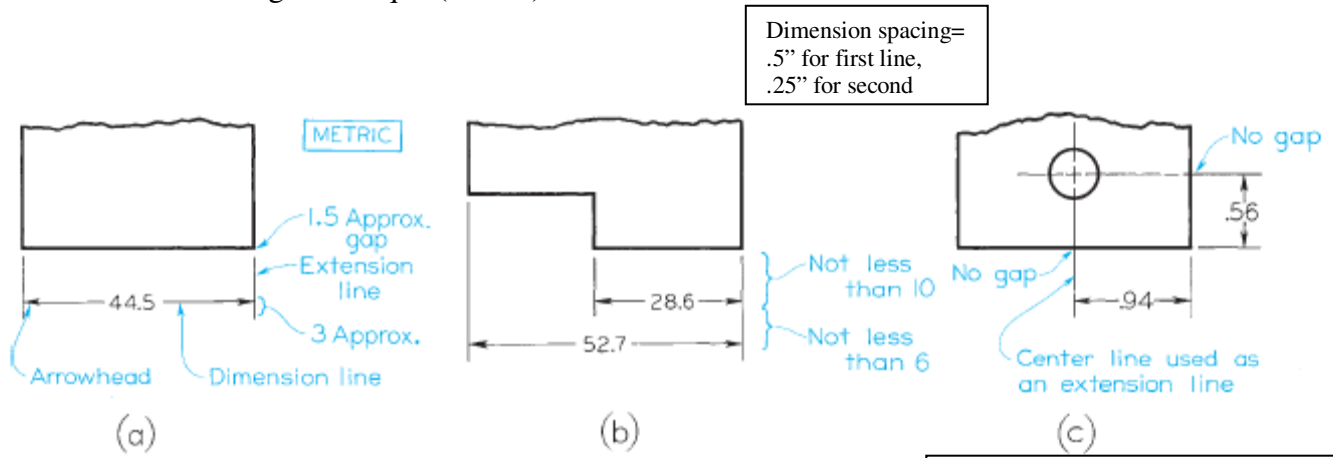


FIGURE 11.2 Dimensioning Technique.

Arrowheads/leaders = .125"
Text Height = .125"
Spacing between multiple text lines = .125"
Spacing between new text lines = .25"

Figure 11.3 Dimension and Extension Lines

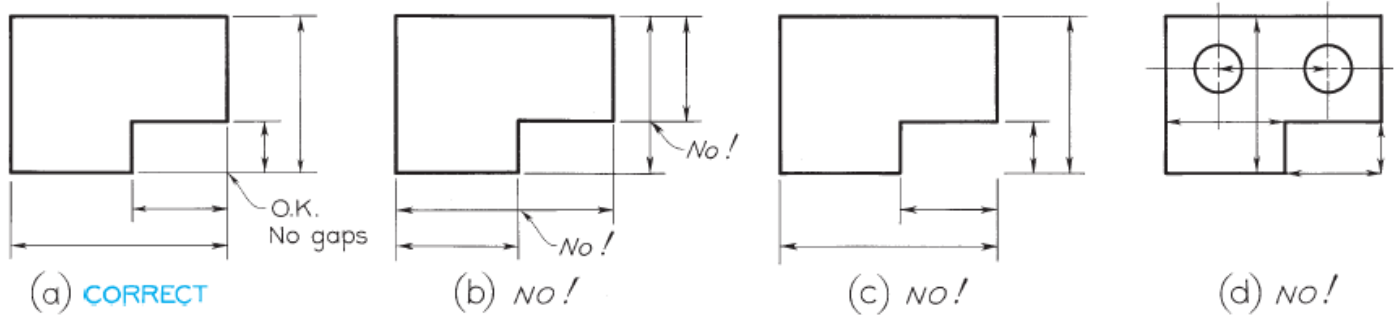


FIGURE 11.3 Dimension and Extension Lines.

Figure 11.4 Grouped Dimensions

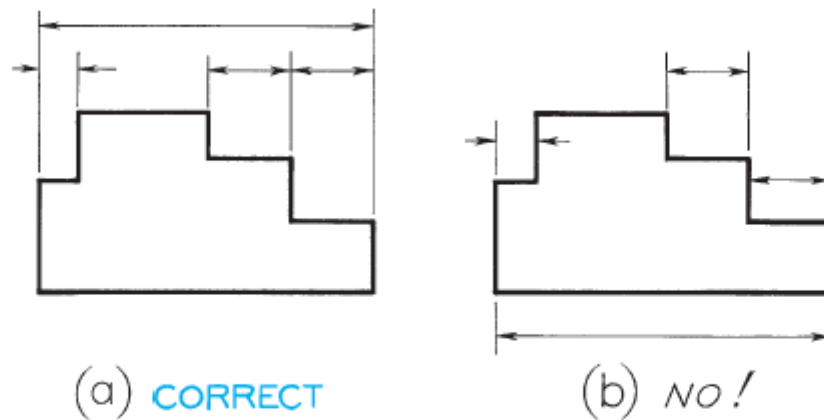


FIGURE 11.4 Grouped Dimensions.

Figure 11.13 Dimensions and Section Lines. Metric

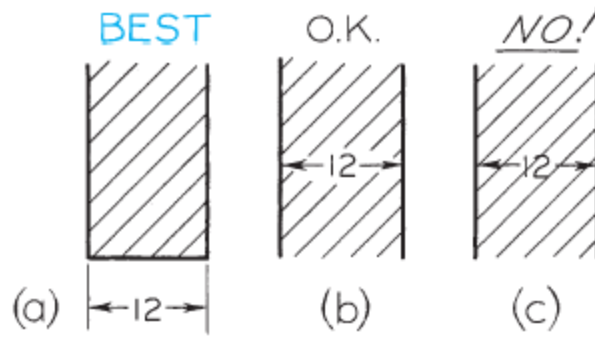


FIGURE 11.13 Dimensions and Section Lines. Metric.

Figure 11.14 Staggered Numerals. Metric

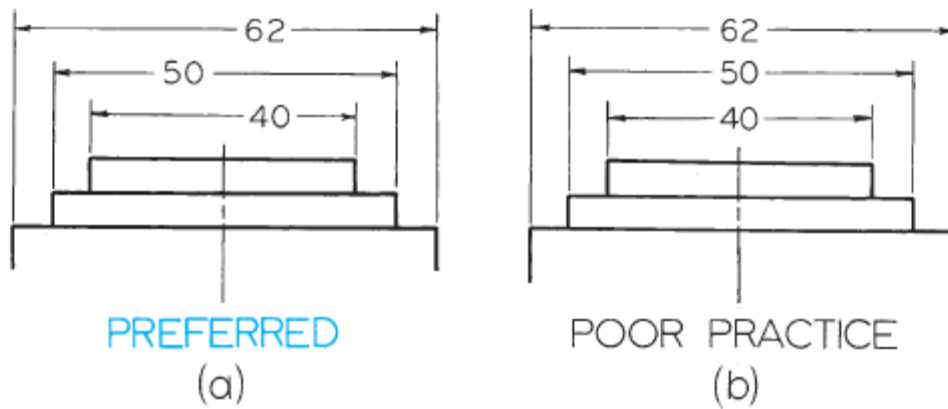


FIGURE 11.14 Staggered Numerals. Metric.

Figure 11.29 Forms and Proportion of Dimensioning Symbols

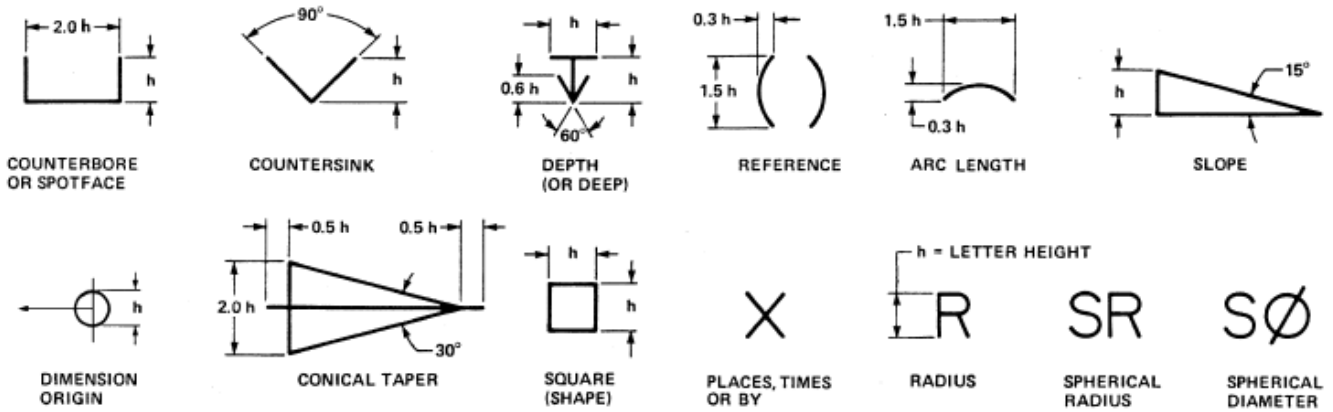


FIGURE 11.29 Form and Proportion of Dimensioning Symbols (ANSI/ASME Y14.5M-1994).