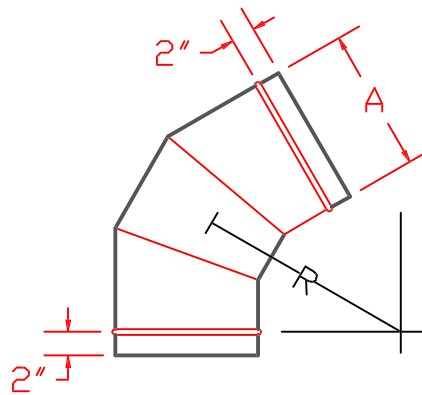
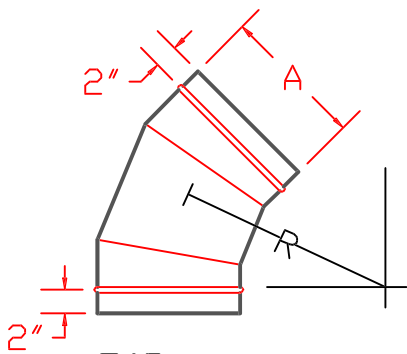


E90
90° 5-PIECE ELBOW

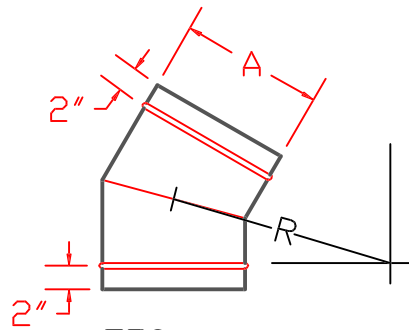


E60
60° 3-PIECE ELBOW

STANDARD CENTER LINE RADIUS
EQUALS 1-1/2 TIMES DIAMETER.
 $R = 1.5 \times A$



E45
45° 3-PIECE ELBOW



E30
30° 2-PIECE ELBOW