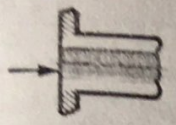
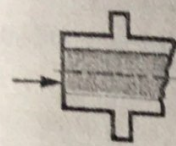


BELL-MOUTH
INLET OR REDUCER
 $K = 0.05$



SQUARE EDGED INLET
 $K = 0.5$



INWARD PROJECTING PIPE
 $K = 1.0$

NOTE: K DECREASES WITH
INCREASING WALL THICKNESS OF
PIPE AND ROUNDING OF EDGES

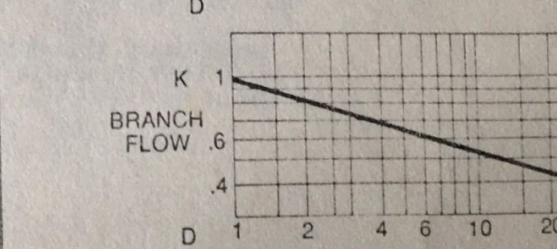
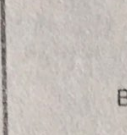
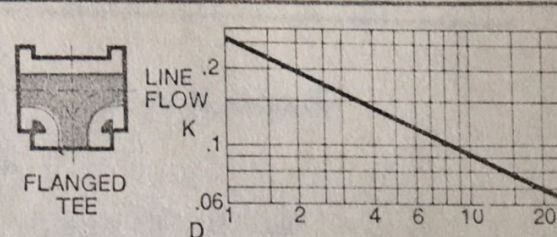
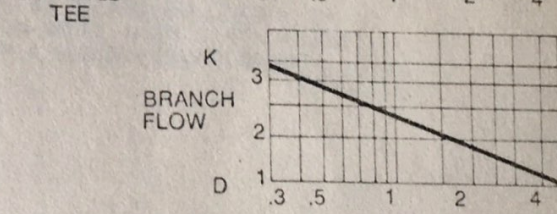
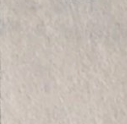
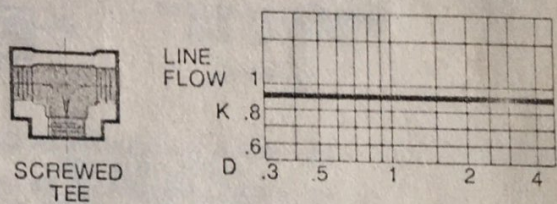
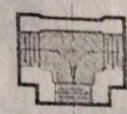
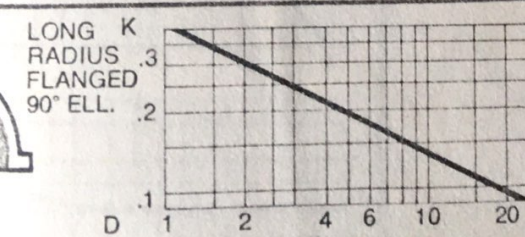
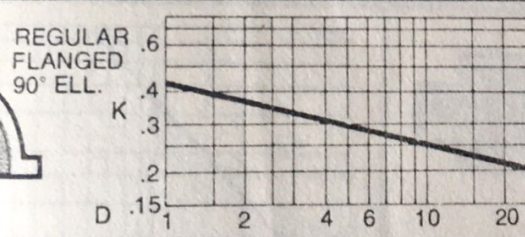
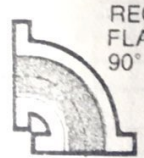
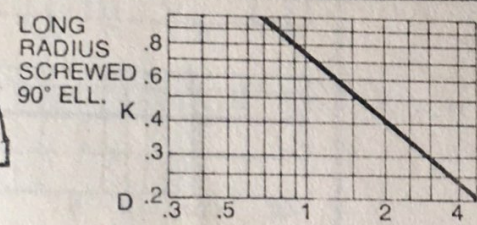
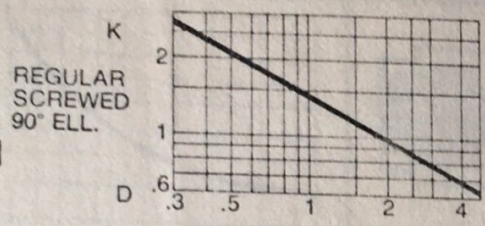
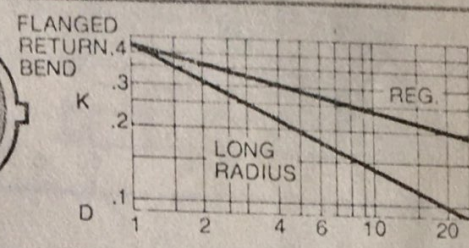
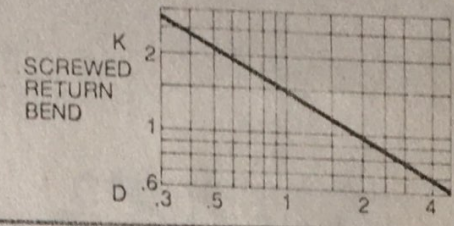
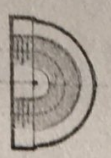
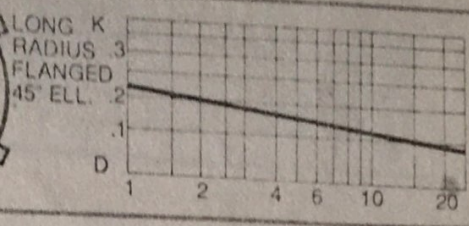
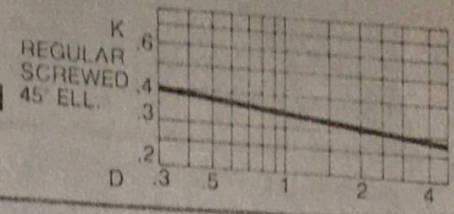


Chart 1

Where:
 h = Frictional Resistance in Feet of Liquid
 V = Average Velocity in Feet/Second in a Pipe of Corresponding Diameter

$$h = K \frac{V^2}{2g}$$

$g = 32.17$ Feet/Second/Second
 K = Resistance Coefficient For Valve or Fitting