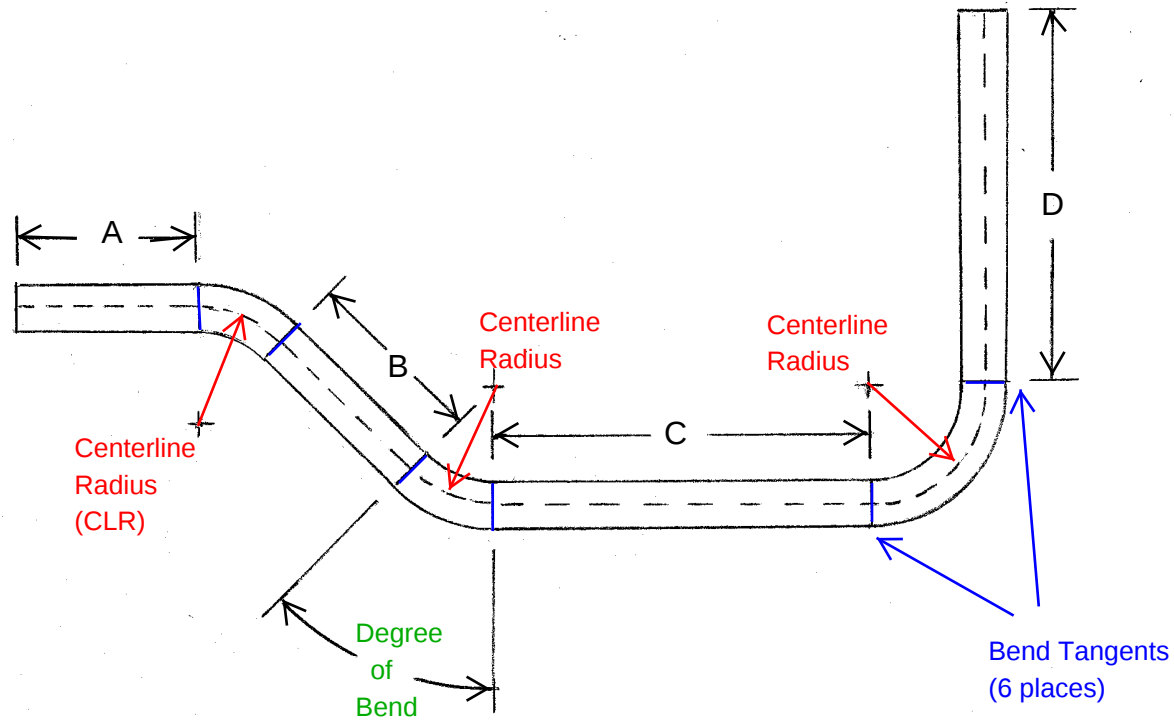


The Anatomy of a Bent Tube



Formula to determine the arc length or distance through the bend :

$$\text{Arc Length} = (\text{Degree of Bend} / 57.3) \times \text{Centerline Radius}$$

General Rules for basic tube bending:

- 1) Try to keep the bend radius the same throughout a multiple bend part
- 2) Allow the distance between bends to be a minimum of 3 times the tube OD whenever possible
- 3) Allow the straight lengths on the ends of the part to be 2 times the tube OD whenever possible