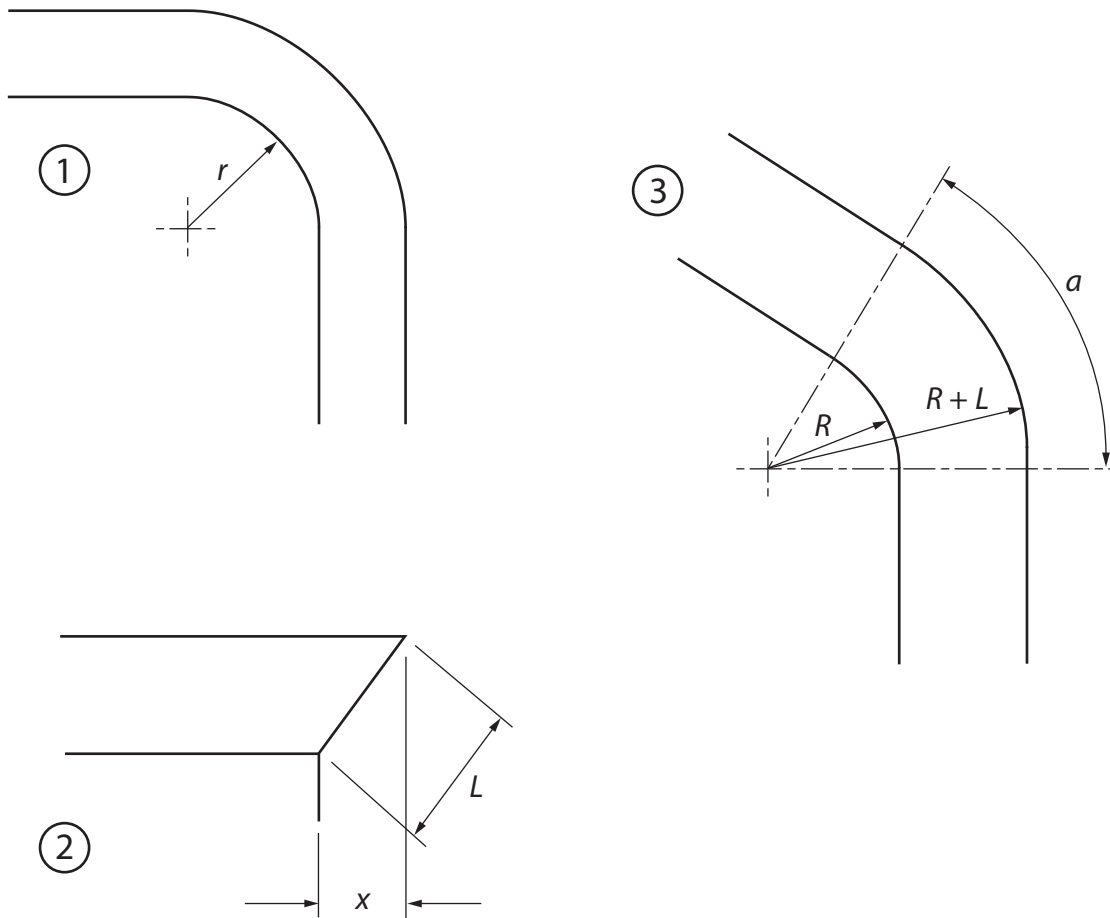


Tank Flares



- ① is a plan view of the flare on the tank corner
- ② is a side view of the flare
- ③ is a development of the flare, i.e. the shape that is cut out of flat metal

Measure from the drawing:

- r The tank corner radius
- L The actual length of the flare
- x The horizontal extent of the flare (the amount it sticks out beyond the side of the tank)

Then mark out and cut the development using the following dimensions:

$$R = (r/x) \times L$$

$$a = 90(x/L) \quad (\text{for angle } a \text{ in degrees})$$