

Pipe bending

Bent pipe designs



Max pressure: 1.6 MPa
Max working temp: 120 °C
Max pipe length: 1995 mm

Design

Customised manufacture of bent pipe designs. Copper pipes of dimensions 6, 10, 12, 15, 18, 22, 28 and 35 mm, plus thin-wall steel pipes of dimensions 6, 12, 15, 18, 22, 28 and 35 mm.

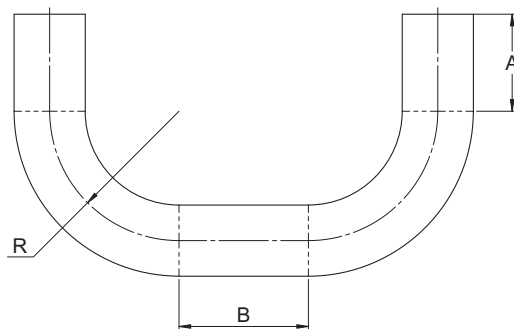
Products are manufactured from customer drawings.

Design principles are as below.

Dimension A on the principle drawing refers to the shortest shank length, which is 20 mm for soldering and 30 mm for compression unions, plus the bending radius.

A 40 mm shank length should be aimed at, to eliminate subsequent trimming.

Dimension B = 40 mm refers to the minimum dimension between two bends.



Bending dimension for each dimension:

6 mm = R16
10 mm = R30
12 mm = R21,6
15 mm = R30 / R22,5
18 mm = R27
22 mm = R40 / R33
28 mm = R55 / R40
35 mm = R52,5