

Flanging

Pipe designs with flanging



Max pressure: 1.6 MPa
Max working temp: 120°C

Design

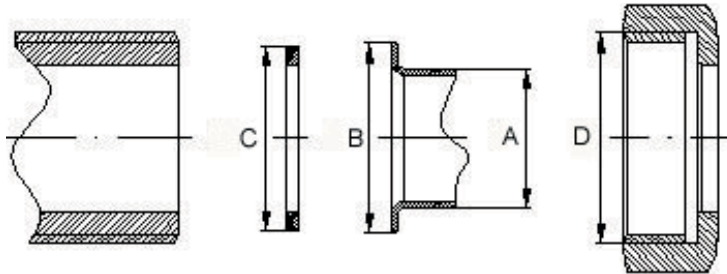
Customised fabrication of pipe designs in copper and stainless steel pipes with flanging.

Products are manufactured from customer drawings.

Pipe dimensions and design principles etc. as per the tables overleaf.

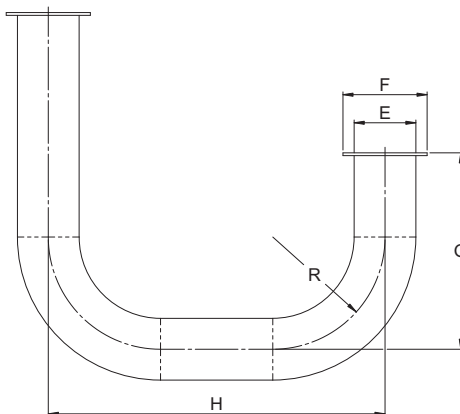
Sketch 1

Flange



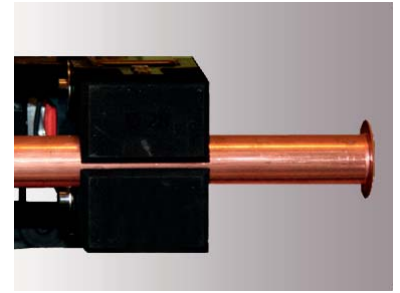
Sketch 2

Min. Dimensions



Flanging

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Design principles

* A reinforced gasket is needed.

Sketch 1, Flange

A= Pipe diameter mm	B= Flange collar mm	C= Gasket mm	D= Nut dimension
12x1	18	19x13x2	G15
15x1	18	19x13x2	G15
15x1	24	24x17x2	G20
18x1	24	24x17x2	G20
18x1	28	30x21x2	G25
22x1.5	24	24x17x2	G20
22x1.5	30	30x21x2	G25
22x1	30	30x21x2	G25
22x1	33	38x27x2	G32
22x1.5	35	38x30x2	G32
28x1	30	30x24x2 *	G25
28x1	38	38x30x2	G32
28x1	40	38x30x2 *	G40
28x1.5	30	30x24x2 *	G25
28x1.2	38	38x27x2	G32
28x1.5	38	38x27x2	G32
28x1.2	43	44x32x2	G40
28x1.5	43	44x32x2	G40
35x1	43,5	44x32x2	G40
35x1.5	43	44x32x2	G40
35x2	39	39x30x2 *	G32
35x2	43	44x32x2	G40
42x1.5	55	55x42x2	G50
42x2	45	45x38x2 *	G40
42x2	55	55x42x2	G50

Sketch 2, Min. dimensions

E= Pipe diameter mm	F= Flange diameter mm	G= Min shank length	R= Radius
Ø12	½"	48	21.6
Ø12	¾"	62	21.6
Ø15	¾"	50*	22.5
Ø15	¾"	71*	30
Ø18	¾"	53	27
Ø18	1"	53	27
Ø22	¾"	56	33
Ø22	¾"	63	40
Ø22	1"	56	33
Ø22	1"	63	40
Ø22	1¼"	56	33
Ø22	1¼"	63	40
Ø28	1"	81	40
Ø28	1"	96	55
Ø28	1¼"	81	40
Ø28	1¼"	96	55
Ø28	1½"	81*	40
Ø28	1½"	96*	55
Ø35	1½"	93	52.5