

Flange & Bolt Dimensions

Class 150

Nominal Pipe Size	Diameter of Flange	No. of Bolts	Diameter of Bolts	Diameter of Bolt Holes	Bolt Circle	Length of Bolt 1/16 RF	Length of Stud 1/16 RF
(inches)	(inches)		(inches)	(inches)	(inches)	(inches)	(inches)
1/2	3-1/2	4	1/2	0.62	2-3/8	2	2-1/2
3/4	3-7/8	4	1/2	0.62	2-3/4	2-1/4	2-3/4
1	4-1/4	4	1/2	0.62	3-1/8	2-1/4	2-3/4
1-1/4	4-5/8	4	1/2	0.62	3-1/2	2-1/2	2-3/4
1-1/2	5	4	1/2	0.62	3-7/8	2-1/2	3
2	6	4	5/8	0.75	4-3/4	2-3/4	3-1/4
2-1/2	7	4	5/8	0.75	5-1/2	3	3-1/2
3	7-1/2	4	5/8	0.75	6	3-1/4	3-3/4
3-1/2	8-1/2	8	5/8	0.75	7	3-1/4	3-3/4
4	9	8	5/8	0.75	7-1/2	3-1/4	3-3/4
5	10	8	3/4	0.88	8-1/2	3-1/4	4
6	11	8	3/4	0.88	9-1/2	3-1/2	4
8	13-1/2	8	3/4	0.88	11-3/4	3-3/4	4-1/4
10	16	12	7/8	1	14-1/4	4	4-3/4
12	19	12	7/8	1	17	4-1/4	4-3/4
14	21	12	1	1.12	18-3/4	4-1/2	5-1/4



COONEY BROTHERS, INC.
PIPE VALVES FITTINGS

CONTACT US

Cooney Brothers, Inc.
1850 Gravers Road, #100
Plymouth Meeting, PA 19462-2837
Phone: 610-272-2100

Nominal Pipe Size (inches)	Diameter of Flange (inches)	No. of Bolts	Diameter of Bolts (inches)	Diameter of Bolt Holes (inches)	Bolt Circle (inches)	Length of Bolt 1/16 RF (inches)	Length of Stud 1/16 RF (inches)
16	23-1/2	16	1	1.12	21-1/4	4-3/4	5-1/2
18	25	16	1-1/8	1.25	22-3/4	5	6
20	27-1/2	20	1-1/8	1.25	25	5-1/2	6-1/4
24	32	20	1-1/4	1.38	29-1/2	6	7

- Bolts lengths are per Weldbend specifications
- Dimensions are in inches, based on ASME B16.5 flange specifications