



Nominal Size <sup>(3)</sup> NPS	Outside Diameter of Flange	Thickness of Flange	Diameter of Raised Face	Diameter of Hub at Base	Diameter of Hub at Point of Welding	Length thru Hub	Diameter of Pressure Connection	Number Bolt Holes	Diameter of Bolt Holes	Diameter of Bolts	Diameter of Bolt Circle
	O	C	R	X	A	Y	TT				
1	in.	4.88	1.5	2	2.12	1.32	3.25	¼	4	¾	3.5
	mm	124	38.1	50.8	53.8	33.5	82.6	6.4			
1½	in.	6.12	1.5	2.88	2.75	1.9	3.38	¼	4	¾	4.5
	mm	155.4	1.5	73.2	69.9	48.3	85.9	6.4			
2	in.	6.5	1.5	3.62	3.31	2.38	3.38	¼	8	¾	5
	mm	165.1	38.1	91.9	84.1	60.5	85.9	6.4			
2½	in.	7.5	1.5	4.12	3.94	2.88	3.5	¼	8	¾	5.88
	mm	190.5	38.1	104.6	100.1	73.2	88.9	6.4			
3	in.	8.25	1.5	5	4.62	3.5	3.5	¾	8	¾	6.62
	mm	209.6	38.1	127	117.3	88.9	88.9	9.5			
4	in.	10	1.5	6.19	5.75	4.5	3.62	½	8	¾	7.88
	mm	254	1.5	157.2	146.1	114.3	91.9	12.7			
6	in.	12.5	1.5	8.5	8.12	6.63	3.94	½	12	¾	10.62
	mm	317.5	38.1	215.9	206.2	168.4	100.1	12.7			
8	in.	15	1.62	10.62	10.25	8.63	4.38	½	12	1	13
	mm	381	41.1	269.7	260.4	219.2	111.3	12.7			
10	in.	17.5	1.88	12.75	12.62	10.75	4.62	½	16	1	15.25
	mm	444.5	47.8	323.9	320.5	273.1	117.3	12.7			
12	in.	20.5	2	15	14.75	12.75	5.12	½	16	1½	17.75
	mm	520.7	50.8	381	374.7	323.9	130	12.7			
14	in.	23	2.12	16.25	16.75	14	5.62	½	20	1½	20.25
	mm	584.2	53.8	412.8	425.5	355.6	142.7	12.7			
16	in.	25.5	2.25	18.5	19	16	5.75	½	20	1½	22.5
	mm	647.7	57.2	469.9	482.6	406.4	146.1	12.7			
18	in.	28	2.38	21	21	18	6.25	½	24	1½	24.75
	mm	711.2	60.5	533.4	533.4	457.2	158.8	12.7			
20	in.	30.5	2.5	23	23.12	20	6.38	½	24	1½	27
	mm	774.7	63.5	584.2	587.2	508	162.1	12.7			
24	in.	36	2.75	27.25	27.62	24	6.62	½	24	1½	32
	mm	914.4	69.9	692.2	701.5	609.6	168.1	12.7			

- (1) Bore diameter to be specified by the purchaser.
- (2) Other NPT sizes may be furnished if required
- (3) Weld neck flanges NPS 3 and smaller are identical to Class 600 flanges and may be so marked.