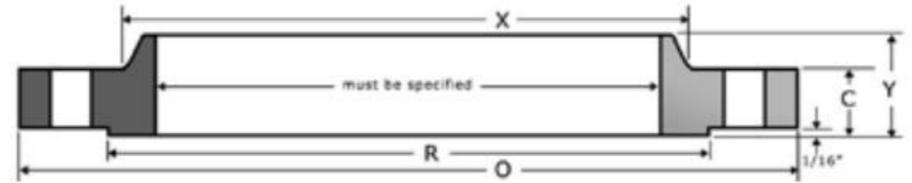


WELDING NECK TYPE



SLIP-ON TYPE

Welding Neck and Blind†

Nominal Pipe Size (Inside Diam.)	COMMON DIMENSIONS			THICKNESS		Diam. at Base of Hub	Length Thru Hub	Approx Weight Pounds		DRILLING TEMPLATE			
	Outside Diameter	O.D. Raised Face	Asbestos Gasket Size	Welding Neck	Blind			Welding Neck	Blind	Bolt Circle Diam.	Number of Holes	Diam. of Holes	Diam of Bolts
	O	R		C	C								
26	31.50	28.625	27.75 x 28.625	1.25	1.25	27.125	3	98	265	29.625	32	1	.875
28	33.50	30.625	29.75 x 30.625	1.25	1.25	29.125	3	105	300	31.625	36	1	.875
30	35.50	32.625	31.75 x 32.625	1.25	1.375	31.125	3	110	370	33.625	36	1	.875
32	38.25	35	33.875 x 35	1.25	1.50	33.375	3.25	140	470	36.125	36	1.125	1
34	40.25	37	35.875 x 37	1.25	1.50	35.375	3.25	150	520	38.125	40	1.125	1
36	42.25	39	37.875 x 39	1.25	1.625	37.375	3.25	160	620	40.125	40	1.125	1
42	49	45.50	44.125 x 45.50	1.25	1.875	43.75	3.50	210	970	46.75	48	1.25	1.125
48	55	51.50	50.125 x 51.50	1.25	2.125	49.75	3.75	240	1375	52.75	52	1.25	1.125
54	61.25	57.75	56.25 x 57.75	1.375	2.375	56	4	310	1925	59	64	1.25	1.125
60	67.25	63.75	62.25 x 63.75	1.625	2.625	62	4.375	400	2575	65	72	1.25	1.125
66	74	70.125	68.375 x 70.125	1.875	2.875	68	4.875	560	3400	71.50	72	1.375	1.25
72	80	76.125	74.375 x 76.125	2.25	3.125	74	5.25	700	4350	77.50	80	1.375	1.25

Slip-On and Blind†

Nominal Pipe Size (Inside Diam.)	COMMON DIMENSIONS			THICKNESS		Diam. at Base of Hub	Length Thru Hub	Approx Weight Pounds		DRILLING TEMPLATE			
	Outside Diameter	O.D. Raised Face	Asbestos Gasket Size	Slip-On	Blind			Slip-On	Blind	Bolt Circle Diam.	Number of Holes	Diam. of Holes	Diam of Bolts
	O	R		C	C								
26	33	30	29.125 x 30	1.25	1.25	28.50	2.25	120	290	31	32	1	.875
28	35	32	31.125 x 32	1.25	1.375	30.50	2.25	140	360	33	36	1	.875
30	37	34	33.125 x 34	1.25	1.375	32.50	2.25	150	405	35	36	1	.875
32	39.50	36.25	35.125 x 36.25	1.25	1.50	34.625	2.50	170	500	37.375	40	1.125	1
36	43.50	40.25	39.125 x 40.25	1.25	1.625	38.625	2.50	190	660	41.375	44	1.125	1
42	50	46.50	45.125 x 46.50	1.25	1.875	44.75	2.75	235	1000	47.75	48	1.25	1.125
48	56	52.50	51.125 x 52.50	1.25	2.125	50.75	2.875	270	1450	53.75	56	1.25	1.125
54	62.50	59	57.50 x 59	1.375	2.375	57.25	3.125	335	2000	60.25	68	1.25	1.125
60	68.50	65	63.50 x 65	1.625	2.625	63.25	3.625	450	2675	66.25	72	1.25	1.125
66	75.50	71.625	69.875 x 71.625	1.75	2.875	69.50	4	590	3550	73	72	1.375	1.250
72	81.50	77.625	75.875 x 77.625	2	3.125	75.50	4.50	730	4500	79	80	1.375	1.250

† This designations applies to flanges formerly listed as "50 Lb. Pressure at 100°F."

‡ Outside diameter, facing diameter and drilling of Class 75 Blind Flanges depend on whether they are used against Welding Neck or Slip-On type flanges. Dimensions are tabulated above for each application.

Pressure ratings are based on inside diameters of pipe or shell as listed in "Nominal Size" column, and pipe or shell thicknesses ranging from 1/4" to 1/2". Class 75 flanges are rated:--

With cloth inserted rubber gasket (from OD of raised face to flange bore):--> 75 psi at -20F to 100F;

With asbestos gasket:--> 50 psi at -20F to 450F.

Carbon steel bolts are intended.

Notes Applicable to CLASSES 75 and 175

Classes 75 and 175 flanges are designed in accordance with "Modern Flange Design" Taylor Forge Bullitin 502) and comply win all respects with the current ASME Boiler and Pressure Vessel code.

While a 1/16" raised face is indicated, any other type of facing can be furnished.

Larger sizes as well as intermediate sizes can be furnished.

All dimensions may be varied per request.

All dimensions are in inches. Prices on application. Convert to [MILLIMETERS](#).