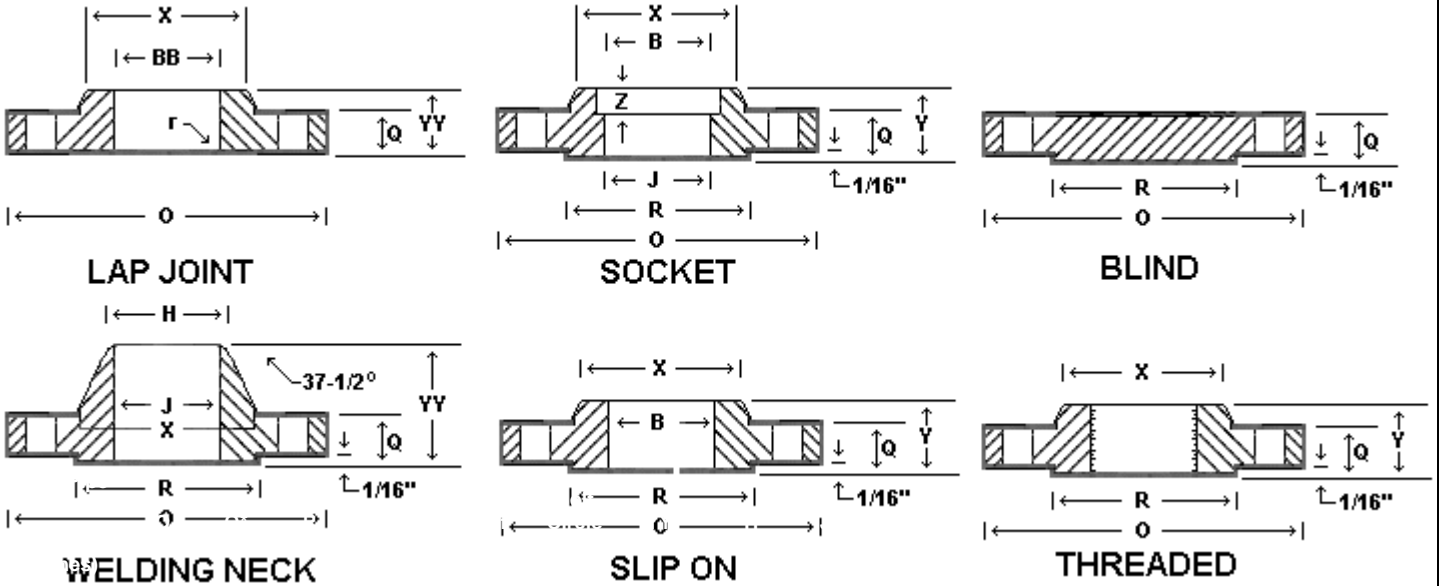


Dimensions for Class 1500 Flanges



1/2	4.75	0.88	1.38	1.50	4-0.88	3.25	2.38	0.84	To be	1.25	0.88	0.12	1.25	0.9	0.38	0.93	0.88
3/4	5.12	1.00	1.69	1.75	4-0.88	3.50	2.75	1.05		1.38	1.09	0.12	1.38	1.11	0.44	1.14	1.00
1	5.88	1.12	2.00	2.06	4-1.00	4.00	2.88	1.32	speci	1.62	1.36	0.12	1.62	1.38	0.50	1.41	1.12
1 1/4	6.25	1.12	2.50	2.50	4-1.00	4.38	2.88	1.66		1.62	1.70	0.19	1.62	1.72	0.56	1.75	1.19
1 1/2	7.00	1.25	2.88	2.75	4-1.12	4.88	3.25	1.90	Fied	1.75	1.95	0.25	1.75	1.97	0.62	1.99	1.25
2	8.50	1.50	3.62	4.12	8-1.00	6.50	4.00	2.38		2.25	2.44	0.31	2.25	2.46	0.69	2.50	1.50
2 1/2	9.62	1.62	4.12	4.88	8-1.12	7.50	4.12	2.88	By	2.50	2.94	0.31	2.50	2.97	0.75	3.00	1.88
3	10.50	1.88	5.00	5.25	8-1.25	8.00	4.62	3.50		2.88		0.38	2.88	3.60		3.63	2.00
4	12.25	2.12	6.19	6.38	8-1.38	9.50	4.88	4.50	The	3.56		0.44	3.56	4.60		4.63	2.25
5	14.75	2.88	7.31	7.75	8-1.62	11.50	6.12	5.56		4.12		0.44	4.12	5.69		5.69	2.50
6	15.50	3.25	8.50	9.00	12-1.50	12.50	6.75	6.63	Purc	4.69		0.50	4.69	6.75		6.75	2.75
8	19.00	3.62	10.62	11.50	12-1.75	15.50	8.38	8.63		5.62		0.50	5.62	8.75		8.75	3.00
10	23.00	4.25	12.75	14.50	12-2.00	19.00	10.00	10.75	Haser	6.25		0.50	7.00	10.92		10.88	3.31
12	26.50	4.88	15.00	17.75	16-2.12	22.50	11.12	12.75		7.12		0.50	8.62	12.92		12.94	3.62
14	29.50	5.25	16.25	19.50	16-2.38	25.00	11.75	14.00			0.50	9.50	14.18				
16	32.50	5.75	18.50	21.75	16-2.62	27.75	12.25	16.00			0.50	10.25	16.19				
18	36.00	6.38	21.00	23.50	16-2.88	30.50	12.00	18.00			0.50	10.88	18.20				
20	38.75	7.00	23.00	25.25	16-3.12	32.75	14.00	20.00			0.50	11.5	20.25				
24	46.00	8.00	27.25	30.00	16-3.62	39.00	16.00	24.00			0.5	13.00	24.25				

The following charts are for reference use only. They are based upon older piping systems. Refer to current specifications when designing new systems

Weight (L.B.S.)***								Flange Types	
Pressure Class	Nom. Size Pipe	Weld Neck	Slip-On	Thd.	Lap Joint	Blind	Socket		
1500	1/2	7	6	6	6	4	6.25		
	3/4	7	6	6	6	6	6.25		
	1	8.5	7.5	7.5	7.5	9	8		
	1 1/4	10	10	10	10	10	11		
	1 1/2	14	14	14	14	14	15		
	2	24	22	22	21	25	24		
	2 1/2	36	36	36	29	35	38		
	3	48		48	38	448			
	4	69		73	75	73			
	5	132		132	138	142			
	6	164		164	170	159			
	8	273		258	286	302			
	10	454		436	485	507			
	12	690		667	749	775			
	14								
	16								
	18								
	20								
	24								
<p>All dimensions given in inches.</p> <p>Dimensions & tolerances in accordance with ANSI B16.5. Carbon steel flanges mechanical properties and chemistry conform to ASTM A105.</p> <p>Flanges are furnished faced, drilled and spot faced or back faced.</p> <p>*1/4 in. raised face included in dimensions Q, Y and YY.</p> <p>**Bolt hole diameter 1/8 in. larger than bolt diameter.</p> <p>***Weights listed are approximate values.</p> <p>**** To be specified by the customer.</p>									

