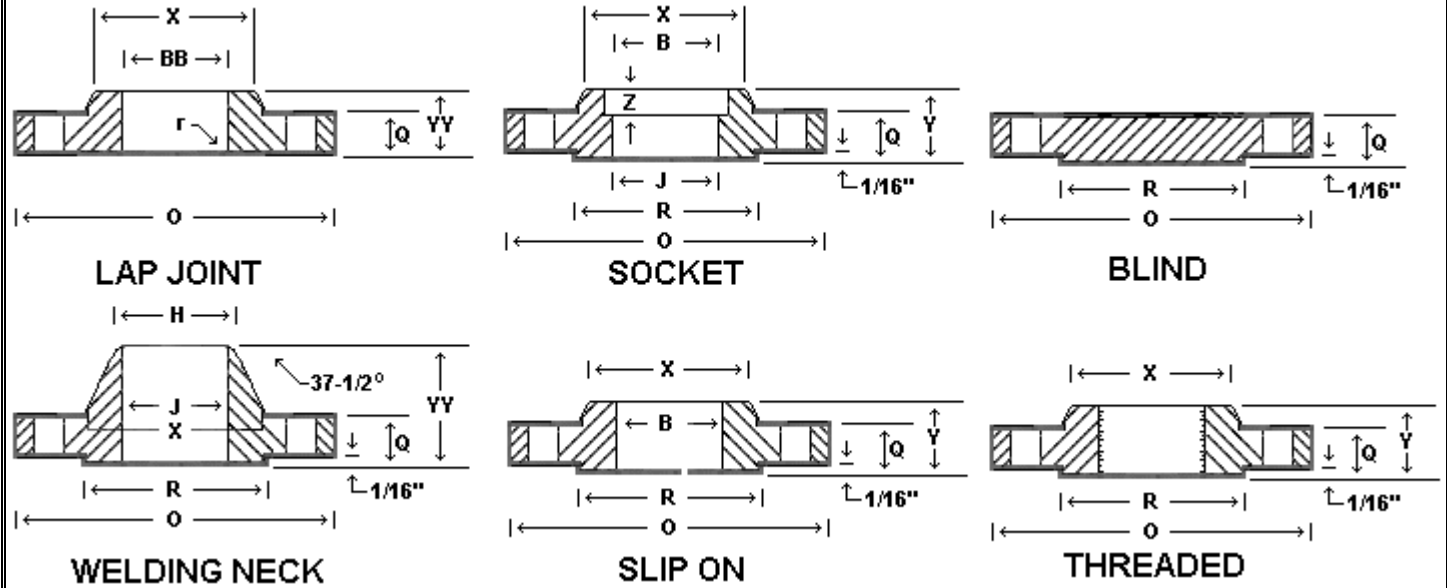


Flange Dimension 2500

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

Dimensions for Class 2500 Flanges

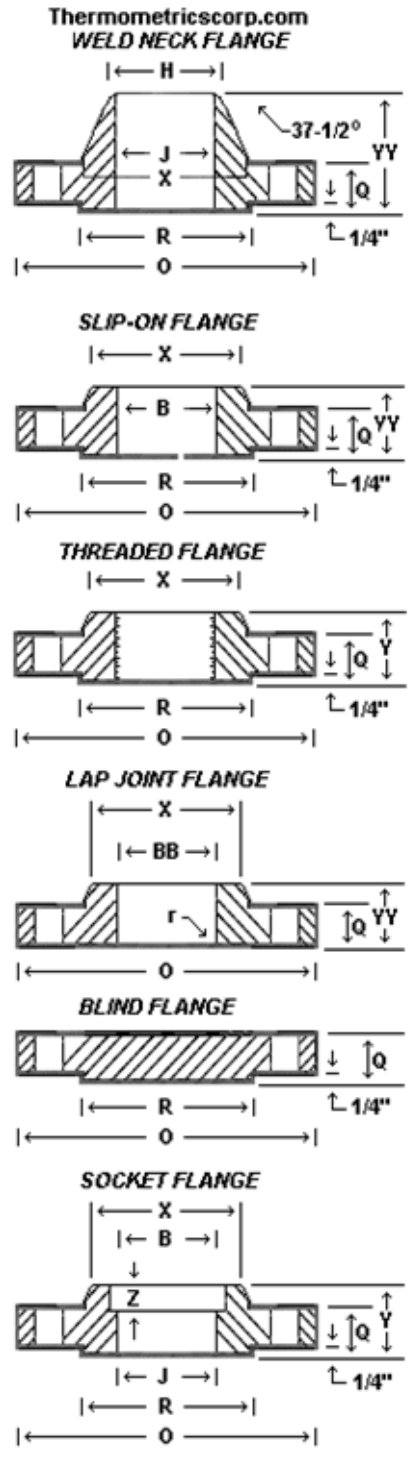


Nom. Pipe Size (inches)	O	Q*	R	X	No. and** Dia of Bolt Holes	Bolt Circle Dia.	YY*	H	J	Y*	B	R	YV	BB	C	T	
1/2	5.25	1.19	1.38	1.69	4-0.88	3.50	2.88	0.84	To Be Specified by Purchaser	1.56	.12	1.56	0.90	0.93	1.12	1.12	
3/4	5.50	1.25	1.69	2.00	4-0.88	3.75	3.12	1.05		1.69	.12	1.69	1.11	1.14	1.25		
1	6.25	1.38	2.00	2.25	4-1.00	4.25	3.50	1.32		1.88	.12	1.88	1.38	1.41	1.38		
1 1/4	7.25	1.50	2.50	2.88	4-1.12	5.12	3.75	1.66		2.06	.19	2.06	1.72	1.75	1.50		
1 1/2	8.00	1.75	2.88	3.12	4-1.25	5.75	4.38	1.90		2.38	.25	2.38	1.97	1.99	1.75		
2	9.25	2.00	3.62	3.75	8-1.12	6.75	5.00	2.38		2.75	.31	2.75	2.46	2.50	2.00		
2 1/2	10.50	2.25	4.12	4.50	8-1.25	7.75	5.62	2.88		3.12	.31	3.12	2.97	3.00	2.25		
3	12.00	2.62	5.00	5.25	8-1.38	9.00	6.62	3.50		3.62	.38	3.62	3.60	3.63	2.50		
4	14.00	3.00	6.19	6.50	8-1.62	10.75	7.50	4.50		4.25	.44	4.25	4.60	4.63	2.75		
5	16.50	3.62	7.31	8.00	8-1.88	12.75	9.00	5.56		5.12	.44	5.12	5.69	5.69	3.00		
6	19.00	4.25	8.50	9.25	8-2.12	14.5	10.75	6.63		6.00	.50	6.00	6.75	6.75	3.25		
8	21.75	5.00	10.62	12.00	12-2.12	17.25	12.50	8.63		7.00	.50	7.00	8.75	8.75	3.75		
10	26.50	6.50	12.75	14.75	12-2.62	21.25	16.50	10.75	9.00	.50	9.00	10.92	10.88	4.25			
12	30.00	7.25	15.00	17.38	12-2.88	24.38	18.25	12.75	10.00	.50	10.00	12.92	12.94	4.75			

Weight (L.B.S.)***

Flange Types

Pressure Class	Nom. Size Pipe	Weld Neck	Slip-On	Thd.	Lap Joint	Blind	Socket
2500	1/2	8		7	7	7	
	3/4	9		9	8	10	
	1	13		12	12	12	
	1 1/4	20		18	17	18	
	1 1/2	28		25	24	25	
	2	42		38	37	39	
	2 1/2	52		55	53	56	
	3	94		83	80	86	
	4	146		127	122	133	
	5	244		210	204	223	
	6	378		323	314	345	
	8	576		485	471	533	
	10	1068		925	897	1025	
	12	1608		1300	1262	1464	
	14						
	16						
	18						
	20						
	24						



All dimensions given in inches.

Dimensions & tolerances in accordance with ANSI B16.5. Carbon steel flanges mechanical properties and chemistry conform to ASTM A105.

Flanges are furnished faced, drilled and spot faced or back faced.

*1/4 in. raised face included in dimensions Q, Y and YY.

**Bolt hole diameter 1/8 in. larger than bolt diameter.

***Weights listed are approximate values.

**** To be specified by the customer.