



## Class 2500 Flange

### Specification Of Class 2500 Flanges :

Size: 1/2" (DN15) ~ 60" (DN2500)

**Pressure: Ratings :** Class 2500

**Type:** Weld Neck, Threaded, Slip-On, Socket Weld, Lap Joint, Blind, Orifice Flange, Orifice Plate and Restriction Orifice Plate, Spectacle Blind, Spacer, Blanks

**Face Type :** Flat Face (FF), Raise Face (RF), Ring Joint (RJT)

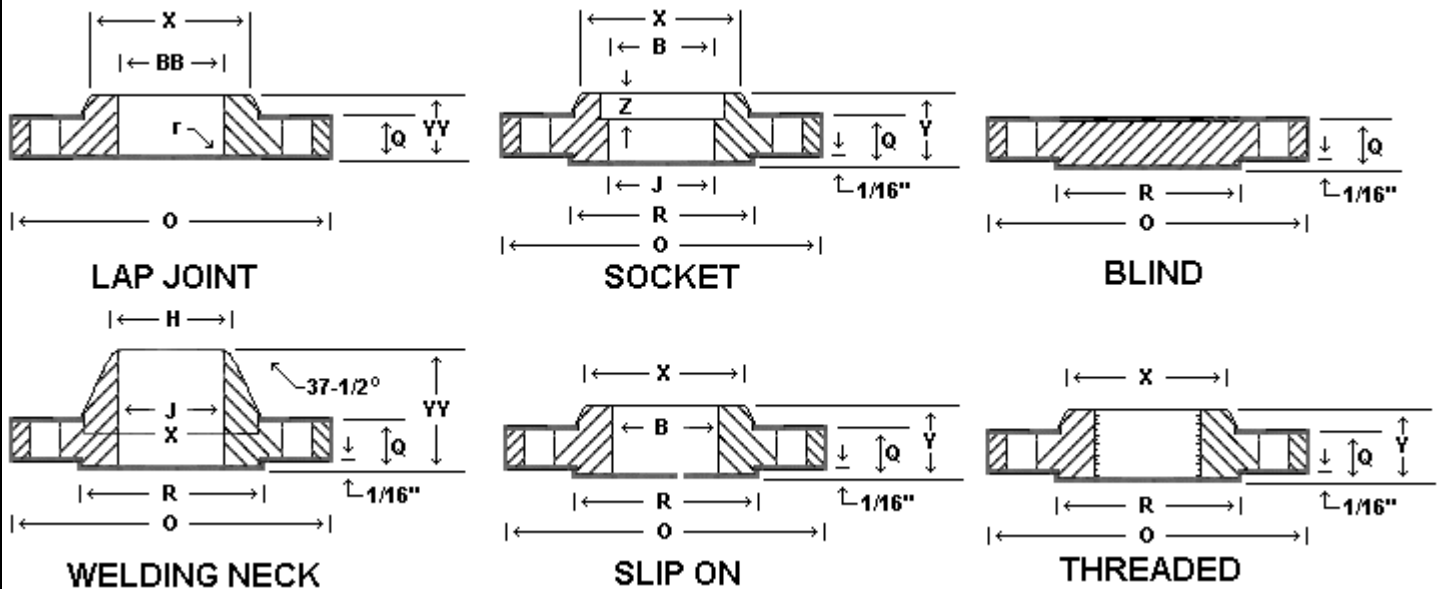
**Coating :** Anti-Rust Paint, Oil Black Paint, Yellow Transparent, Zinc Plated, Cold and Hot Dip Galvanized

**Dimension :** ANSI/ASME B16.5, ANSI/ASME B16.47 Series A (MSS SP-44), ANSI/ASME B16.47 Series B (API 605), ANSI/ASME B16.36, ANSI/ASME B16.48 (API 590)

**Class 2500 Flange Manufacturers In India, Class 2500 Series A and B Class 2500 Flanges Dimension, Alloy Steel Class 2500 Plate Flange, Carbon Steel Class 2500 Flange, Manufacturer of Class 2500 Flanges, Nickel Alloy 200 Class 2500 Flange, Class 2500 Flange, MSS SP-44 Class 2500 Flanges in Mumbai, India.**



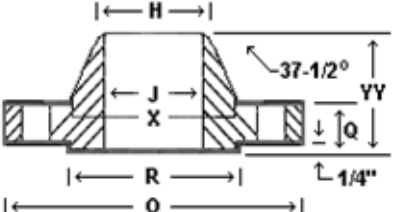
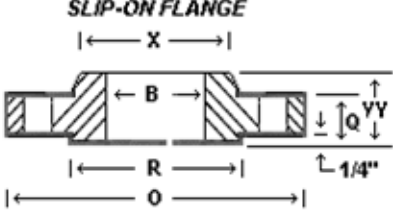
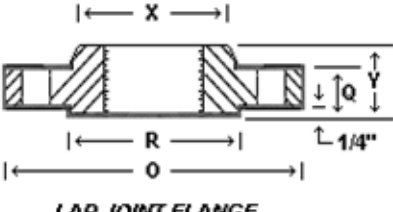
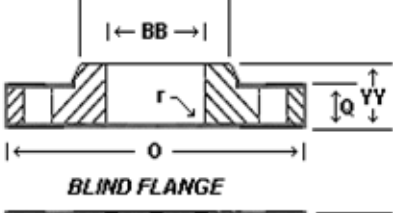
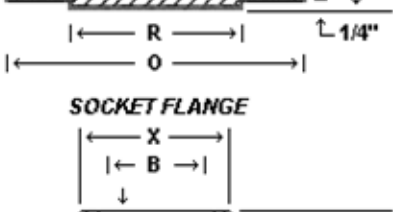
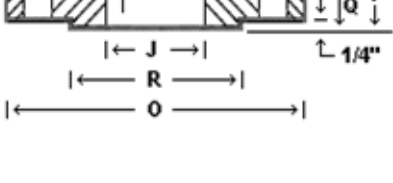
Dimensions for Class 2500 Flanges



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	

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		
2500	1/2	8		7	7	7		<p>Thermometricscorp.com <b>WELD NECK FLANGE</b></p>  <p><b>SLIP-ON FLANGE</b></p>  <p><b>THREADED FLANGE</b></p>  <p><b>LAP JOINT FLANGE</b></p>  <p><b>BLIND FLANGE</b></p>  <p><b>SOCKET FLANGE</b></p> 	
	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								
<p>All dimensions given in inches.</p> <p>Dimensions &amp; 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>									