Class 1500 Flange

Specification Of Class 1500 Flanges :
Size: 1/2" (DN15) ~ 60" (DN1500)

Pressure: Class 1500

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

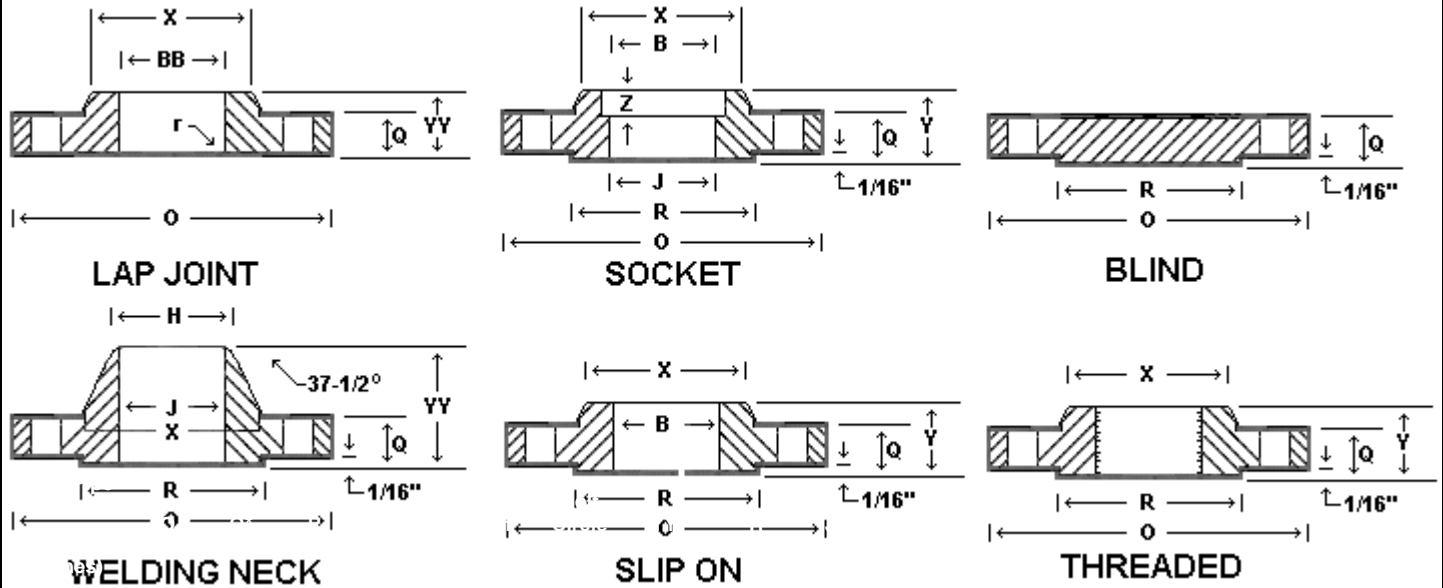Face Type: Flat Face (FF), Raise Face (RF), Ring Joint (RJT)

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 1500 Flange Manufacturers In India, Class 1500 Series A and B Class 1500 Flanges Dimension, Alloy Steel Class 1500 Plate Flange, Carbon Steel Class 1500 Flange, Manufacturer of Class 1500 Flanges, Nickel Alloy 200 Class 1500 Flange, Class 1500 Flange, MSS SP-44 Class 1500 Flanges in Mumbai, India.
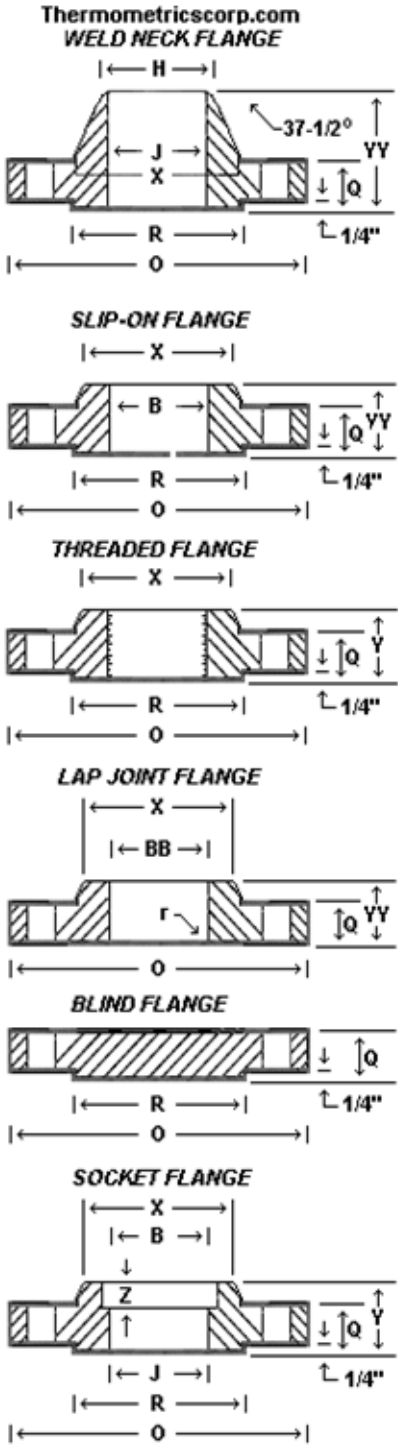
Dimensions for Class 1500 Flanges

LAP JOINT   SOCKET   BLIND

WELDING NECK   SLIP ON   THREADED

Size	O	Q	X	YY	Drilling				Note								
1/2	4.75	0.88	1.38	1.50	4-0.88	3.25	2.38	0.84		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		1.62	1.36	0.12	1.62	1.38	0.50	1.41	1.12
11/4	6.25	1.12	2.50	2.50	4-1.00	4.38	2.88	1.66	To be	1.62	1.70	0.19	1.62	1.72	0.56	1.75	1.19
11/2	7.00	1.25	2.88	2.75	4-1.12	4.88	3.25	1.90	speci	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	fied	2.25	2.44	0.31	2.25	2.46	0.69	2.50	1.50
21/2	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	Fied	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	By	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	The	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	Haser	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		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

REGAL
SALES CORPORATION

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	
	11/4	10	10	10	10	10	11	
	11/2	14	14	14	14	14	15	
	2	24	22	22	21	25	24	
	21/2	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							

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.