



Class 900 Flange Dimensions :

Specification Of Class 900 Flanges :

Size: 1/2" (DN15) ~ 60" (DN1500)

Pressure Fittings: Class 900

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)

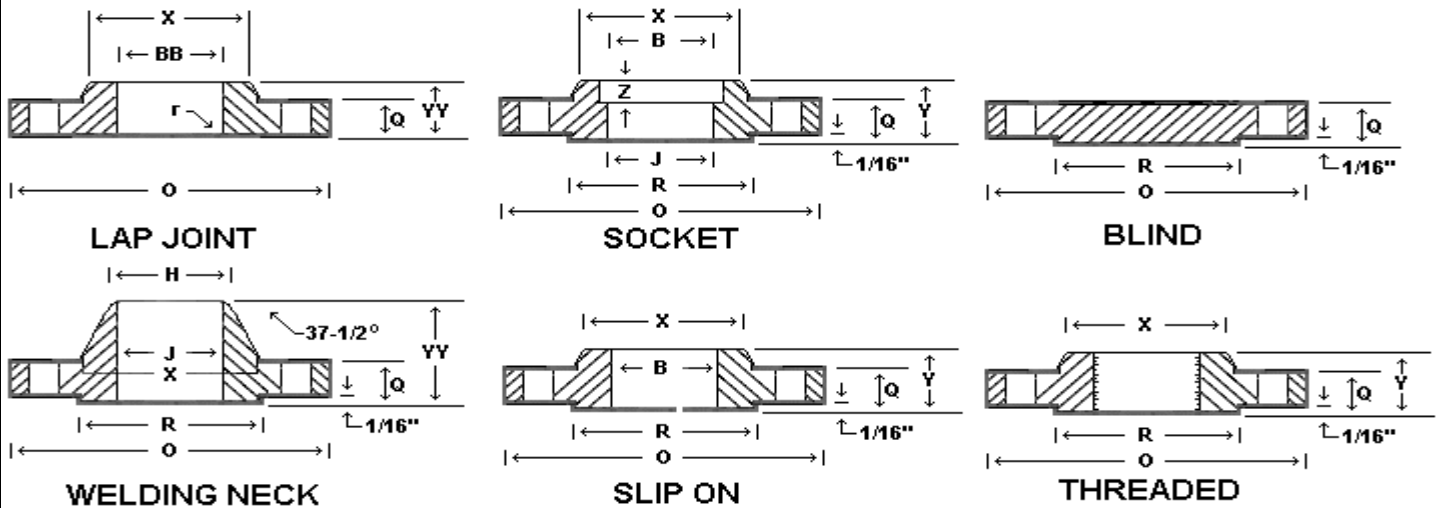
Coating : Anti-rust Paint, Oil Black Paint, Yellow Transparent, Zinc Plated, Cold and Hot Dip Galvanized

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 900 Flange Manufacturers In India, Class 900 Series A and B Class 900 Flanges Dimension, Alloy Steel Class 900 Plate Flange, Carbon Steel Class 900 Flange, Manufacturer of Class 900 Flanges, Nickel Alloy 200 Class 900 Flange, Class 900 Flange, MSS SP-44 Class 900 Flanges in Mumbai, India.



Dimensions for Class 900 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	Z	C	T
1/2	4.75	0.88	1.38	1.50	4-0.88	3.25	2.38	0.84	To Be Specified by Purchaser	1.25	0.88	0.12	1.25	0.90	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	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	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	1.75	1.19	
1 1/2	7.00	1.25	2.88	2.75	4-1.12	4.88	3.25	1.90		1.75	1.95	0.25	1.75	1.97	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	2.50	1.50	
2 1/2	9.62	1.62	4.12	4.88	8-1.12	7.50	4.12	2.88		2.50	2.94	0.31	2.50	2.97	3.00	1.88	
3	9.50	1.50	5.00	5.00	8-1.00	7.50	4.00	3.50		2.12	3.57	0.38	2.12	3.60	3.63	1.62	
4	11.50	1.75	6.19	6.25	8-1.25	9.25	4.50	4.50		2.75	4.57	0.44	2.75	4.60	4.63	1.88	
5	13.75	2.00	7.31	7.50	8-1.38	11.00	5.00	5.56		3.12	5.66	0.44	3.12	5.69	5.69	2.12	
6	15.00	2.19	8.50	9.25	12-1.25	12.50	5.50	6.63		3.38	6.72	0.50	3.38	6.75	6.75	2.25	
8	18.5	2.50	10.62	11.75	12-1.50	15.5	6.38	8.63		4.00	8.72	0.50	4.5	8.75	8.75	2.50	
10	21.50	2.75	12.75	14.50	16-1.50	18.50	7.25	10.75		4.25	10.88	0.50	5.00	10.92	10.88	2.81	
12	24.00	3.12	15.00	16.50	20-1.50	21.00	7.88	12.75		4.62	12.88	0.50	5.62	12.92	12.94	3.00	
14	25.25	3.38	16.25	17.75	20-1.62	22.00	8.38	14.00		5.12	14.14	0.50	6.12	14.18	14.19	3.25	
16	27.75	3.50	18.50	20.00	20-1.75	24.25	8.5	16.00		5.25	16.16	0.50	6.50	16.19	16.19	3.38	
18	31.00	4.00	21.00	22.25	20-2.00	27.00	9.00	18.00		6.00	18.18	0.50	7.50	18.20	18.19	3.50	
20	33.75	4.25	23.00	24.50	20-2.12	29.50	9.75	20.00		6.25	20.20	0.50	8.25	20.25	20.19	3.62	
24	41.00	5.50	27.25	29.50	20-2.62	35.50	11.50	24.00		8.00	24.25	0.50	10.50	24.25	24.19	4.00	

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



								Flange Types	
Pressure Class	Nom. Size Pipe	Weld Neck	Slip-On	Thd.	Lap Joint	Blind	Socket		
900	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	29	31	31	25	32			
	4	51	53	53	51	54			
	5	86	83	83	81	87			
	6	110	108	108	105	113			
	8	187	172	172	188	197			
	10	268	245	245	277	290			
	12	372	326	326	371	4113			
	14	562	380	380	397	494			
	16	6855	459	459	488	619			
	18	924	647	647	670	880			
	20	1164	792	792	868	1107			
	24	2107	1480	1480	1659	2099			
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.									