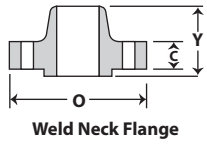




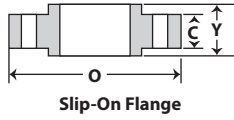
# FORGED STEEL FLANGES

PO BOX 639  
Bakersfield, CA 93302

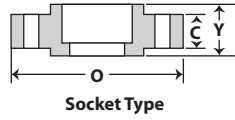
855-535-1555 phone  
sales@tbmsupply.com



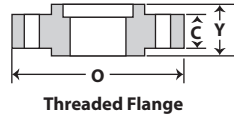
Weld Neck Flange



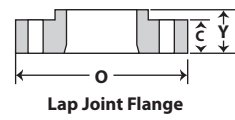
Slip-On Flange



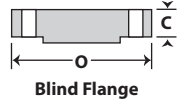
Socket Type



Threaded Flange



Lap Joint Flange



Blind Flange

Nom. Pipe Size	CLASS 150 FLANGES							CLASS 300 FLANGES							CLASS 400 FLANGES																				
	0	C*	Length Through Hub*				No. and Size of Holes	0	C*	Length Through Hub*				No. and Size of Holes	0	C*	Length Through Hub*				No. and Size of Holes														
			Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle				Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle				Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle															
1/2	3.50	.44	.62	.62	1.88	2.38	4-0.62	3.75	.56	.88	.88	2.06	2.62	4-0.62	3.75	.56	.88	.88	2.06	2.62	4-0.62	3.75	.56	.88	.88	2.06	2.62	4-0.62	3.75	.56	.88	.88	2.06	2.62	4-0.62
3/4	3.88	.50	.62	.62	2.06	2.75	4-0.62	4.62	.62	1.00	1.00	2.25	3.25	4-0.75	4.62	.62	1.00	1.00	2.25	3.25	4-0.75	4.62	.62	1.00	1.00	2.25	3.25	4-0.75	4.62	.62	1.00	1.00	2.25	3.25	4-0.75
1	4.25	.56	.69	.69	2.19	3.12	4-0.62	4.88	.69	1.06	1.06	2.44	3.50	4-0.75	4.88	.69	1.06	1.06	2.44	3.50	4-0.75	4.88	.69	1.06	1.06	2.44	3.50	4-0.75	4.88	.69	1.06	1.06	2.44	3.50	4-0.75
1 1/4	4.62	.62	.81	.81	2.25	3.50	4-0.62	5.25	.75	1.06	1.06	2.56	3.88	4-0.75	5.25	.81	1.12	1.12	2.62	3.88	4-0.75	5.25	.81	1.12	1.12	2.62	3.88	4-0.75	5.25	.81	1.12	1.12	2.62	3.88	4-0.75
1 1/2	5.00	.69	.88	.88	2.44	3.88	4-0.62	6.12	.81	1.19	1.19	2.69	4.50	4-0.88	6.12	.88	1.25	1.25	2.75	4.50	4-0.88	6.12	.88	1.25	1.25	2.75	4.50	4-0.88	6.12	.88	1.25	1.25	2.75	4.50	4-0.88
2	6.00	.75	1.00	1.00	2.50	4.75	4-0.75	6.50	.88	1.31	1.31	2.75	5.00	8-0.75	6.50	1.00	1.44	1.44	2.88	5.00	8-0.75	6.50	1.00	1.44	1.44	2.88	5.00	8-0.75	6.50	1.00	1.44	1.44	2.88	5.00	8-0.75
2 1/2	7.00	.88	1.12	1.12	2.75	5.50	4-0.75	7.50	1.00	1.50	1.50	3.00	5.88	8-0.88	7.50	1.12	1.62	1.62	3.12	5.88	8-0.88	7.50	1.12	1.62	1.62	3.12	5.88	8-0.88	7.50	1.12	1.62	1.62	3.12	5.88	8-0.88
3	7.50	.94	1.19	1.19	2.75	6.00	4-0.75	8.25	1.12	1.69	1.69	3.12	6.62	8-0.88	8.25	1.25	1.81	1.81	3.25	6.62	8-0.88	8.25	1.25	1.81	1.81	3.25	6.62	8-0.88	8.25	1.25	1.81	1.81	3.25	6.62	8-0.88
3 1/2	8.50	.94	1.25	1.25	2.81	7.00	8-0.75	9.00	1.19	1.75	1.75	3.19	7.25	8-0.88	9.00	1.38	1.94	1.94	3.38	7.25	8-1.00	9.00	1.38	1.94	1.94	3.38	7.25	8-1.00	9.00	1.38	1.94	1.94	3.38	7.25	8-1.00
4	9.00	.94	1.31	1.31	3.00	7.50	8-0.75	10.00	1.25	1.88	1.88	3.38	7.88	8-0.88	10.00	1.38	2.00	2.00	3.50	7.88	8-1.00	10.00	1.38	2.00	2.00	3.50	7.88	8-1.00	10.00	1.38	2.00	2.00	3.50	7.88	8-1.00
5	10.00	.94	1.44	1.44	3.50	8.50	8-0.88	11.00	1.38	2.00	2.00	3.88	9.25	8-0.88	11.00	1.50	2.12	2.12	4.00	9.25	8-1.00	11.00	1.50	2.12	2.12	4.00	9.25	8-1.00	11.00	1.50	2.12	2.12	4.00	9.25	8-1.00
6	11.00	1.00	1.56	1.56	3.50	9.50	8-0.88	12.50	1.44	2.06	2.06	3.88	10.62	12-0.88	12.50	1.62	2.25	2.25	4.06	10.62	12-1.00	12.50	1.62	2.25	2.25	4.06	10.62	12-1.00	12.50	1.62	2.25	2.25	4.06	10.62	12-1.00
8	13.50	1.12	1.75	1.75	4.00	11.75	8-0.88	15.00	1.62	2.44	2.44	4.38	13.00	12-1.00	15.00	1.88	2.69	2.69	4.62	13.00	12-1.12	15.00	1.88	2.69	2.69	4.62	13.00	12-1.12	15.00	1.88	2.69	2.69	4.62	13.00	12-1.12
10	16.00	1.19	1.94	1.94	4.00	14.25	12-1.00	17.50	1.88	2.62	2.62	4.62	15.25	16-1.12	17.50	2.12	2.88	2.88	4.88	15.25	16-1.25	17.50	2.12	2.88	2.88	4.88	15.25	16-1.25	17.50	2.12	2.88	2.88	4.88	15.25	16-1.25
12	19.00	1.25	2.19	2.19	4.50	17.00	12-1.00	20.50	2.00	2.88	2.88	5.12	17.75	16-1.25	20.50	2.25	3.12	3.12	5.38	17.75	16-1.38	20.50	2.25	3.12	3.12	5.38	17.75	16-1.38	20.50	2.25	3.12	3.12	5.38	17.75	16-1.38
14	21.00	1.38	2.25	2.25	5.00	18.75	12-1.12	23.00	2.12	3.00	3.00	5.62	20.25	20-1.25	23.00	2.38	3.31	3.31	5.88	20.25	20-1.38	23.00	2.38	3.31	3.31	5.88	20.25	20-1.38	23.00	2.38	3.31	3.31	5.88	20.25	20-1.38
16	23.50	1.44	2.50	2.50	5.00	21.25	16-1.12	25.50	2.25	3.25	3.25	5.75	22.50	20-1.38	25.50	2.50	3.69	3.69	6.00	22.50	20-1.50	25.50	2.50	3.69	3.69	6.00	22.50	20-1.50	25.50	2.50	3.69	3.69	6.00	22.50	20-1.50
18	25.00	1.56	2.69	2.69	5.50	22.75	16-1.25	28.00	2.38	3.50	3.50	6.25	24.75	24-1.38	28.00	2.62	3.88	3.88	6.50	24.75	24-1.50	28.00	2.62	3.88	3.88	6.50	24.75	24-1.50	28.00	2.62	3.88	3.88	6.50	24.75	24-1.50
20	27.50	1.69	2.88	2.88	5.69	25.00	20-1.25	30.50	2.50	3.75	3.75	6.38	27.00	24-1.38	30.50	2.75	4.00	4.00	6.62	27.00	24-1.62	30.50	2.75	4.00	4.00	6.62	27.00	24-1.62	30.50	2.75	4.00	4.00	6.62	27.00	24-1.62
24	32.00	1.88	3.25	3.25	6.00	29.50	20-1.38	36.00	2.75	4.19	4.19	6.62	32.00	24-1.62	36.00	3.00	4.50	4.50	6.88	32.00	24-1.88	36.00	3.00	4.50	4.50	6.88	32.00	24-1.88	36.00	3.00	4.50	4.50	6.88	32.00	24-1.88
30	38.75	2.94			5.38	36.00	28-1.38	43.00	3.62			8.25	39.25	28-1.88	43.00	4.00			8.62	39.25	28-2.12	43.00	4.00			8.62	39.25	28-2.12	43.00	4.00			8.62	39.25	28-2.12
36	46.00	3.56			6.19	42.75	32-1.61	50.00	4.12			9.50	46.00	32-2.12	50.00	4.50			9.88	46.00	32-2.12	50.00	4.50			9.88	46.00	32-2.12	50.00	4.50			9.88	46.00	32-2.12
42	53.00	3.81			6.75	49.50	36-1.62	50.75	4.69			7.88	47.50	32-1.75	52.00	5.25			8.81	48.25	32-2.00	52.00	5.25			8.81	48.25	32-2.00	52.00	5.25			8.81	48.25	32-2.00
48	59.50	4.25			7.56	56.00	44-1.62	57.75	5.25			8.81	54.00	32-2.00	59.50	6.00			10.12	55.25	28-2.38	59.50	6.00			10.12	55.25	28-2.38	59.50	6.00			10.12	55.25	28-2.38
54	66.25	4.75			8.50	62.75	44-1.88	65.25	6.00			9.94	61.00	28-2.38	67.00	6.69			11.38	62.25	28-2.62	67.00	6.69			11.38	62.25	28-2.62	67.00	6.69			11.38	62.25	28-2.62
60	73.00	5.19			9.44	69.25	52-1.88	71.25	6.44			10.75	67.00	32-2.38	74.25	7.31			12.56	69.00	32-2.88	74.25	7.31			12.56	69.00	32-2.88	74.25	7.31			12.56	69.00	32-2.88

NOTES: Flange dimensions conform to ANSI B16.5 for sizes 24" and smaller.

Thicknesses on blind flanges, 24" and over, to be specified. Dimensions are in inches.

Lap joint flanges will be furnished with slip-on "Y" dimension unless otherwise specified.

\*Includes .06 raised face in Class 150 and Class 300 standards, but does not include .25 raised face in Class 400 and heavier standards.

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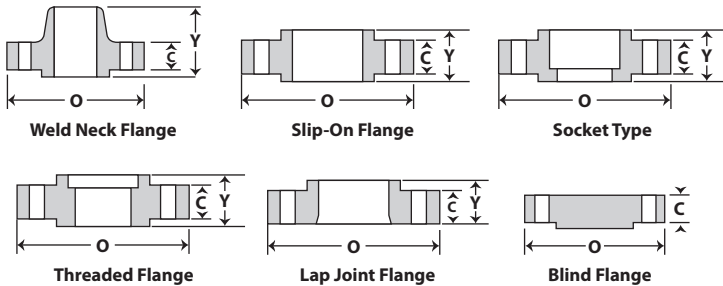


# FORGED STEEL FLANGES

PO BOX 639  
Bakersfield, CA 93302

855-535-1555 phone  
sales@tbmsupply.com

Nom. Pipe Size	CLASS 600 FLANGES							CLASS 900 FLANGES							CLASS 1500 FLANGES						
	Length Through Hub*							Length Through Hub*							Length Through Hub*						
	0	C*	Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle	No. and Size of Holes	0	C*	Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle	No. and Size of Holes	0	C*	Slip-on Thrd. Socket	Lap Joint	Weld Neck	Bolt Circle	No. and Size of Holes
1/2	3.75	.56	.88	.88	2.06	2.62	4-0.62	4.75	.88	1.25	1.25	2.38	3.25	4-0.88	4.75	.88	1.25	1.25	2.38	3.25	4-0.88
3/4	4.62	.62	1.00	1.00	2.25	3.25	4-0.75	5.12	1.00	1.38	1.38	2.75	3.50	4-0.88	5.12	1.00	1.38	1.38	2.75	3.50	4-0.88
1	4.88	.69	1.06	1.06	2.44	3.50	4-0.75	5.88	1.12	1.62	1.62	2.88	4.00	4-1.00	5.88	1.12	1.62	1.62	2.88	4.00	4-1.00
1 1/4	5.25	.81	1.12	1.12	2.62	3.88	4-0.75	6.25	1.12	1.62	1.62	2.88	4.38	4-1.00	6.25	1.12	1.62	1.62	2.88	4.38	4-1.00
1 1/2	6.12	.88	1.25	1.25	2.75	4.50	4-0.88	7.00	1.25	1.75	1.75	3.25	4.88	4-1.12	7.00	1.25	1.75	1.75	3.25	4.88	4-1.12
2	6.50	1.00	1.44	1.44	2.88	5.00	8-0.75	8.50	1.50	2.25	2.25	4.00	6.50	8-1.00	8.50	1.50	2.25	2.25	4.00	6.50	8-1.00
2 1/2	7.50	1.12	1.62	1.62	3.12	5.88	8-0.88	9.62	1.62	2.50	2.50	4.12	7.50	8-1.12	9.62	1.62	2.50	2.50	4.12	7.50	8-1.12
3	8.25	1.25	1.81	1.81	3.25	6.62	8-0.88	9.50	1.50	2.12	2.12	4.00	7.50	8-1.00	10.50	1.88	2.88	2.88	4.62	8.00	8-1.25
3 1/2	9.00	1.38	1.94	1.94	3.38	7.25	8-1.00														
4	10.75	1.50	2.12	2.12	4.00	8.50	8-1.00	11.50	1.75	2.75	2.75	4.50	9.25	8-1.25	12.25	2.12	3.56	3.56	4.88	9.50	8-1.38
5	13.00	1.75	2.38	2.38	4.50	10.50	8-1.12	13.75	2.00	3.12	3.12	5.00	11.00	8-1.38	14.75	2.88	4.12	4.12	6.12	11.50	8-1.62
6	14.00	1.88	2.62	2.62	4.62	11.50	12-1.12	15.00	2.19	3.38	3.38	5.50	12.50	12-1.25	15.50	3.25	4.69	4.69	6.75	12.50	12-1.50
8	16.50	2.19	3.00	3.00	5.25	13.75	12-1.25	18.50	2.50	4.00	4.00	6.38	15.50	12-1.50	19.00	3.62	5.62	5.62	8.38	15.50	12-1.75
10	20.00	2.50	3.38	3.38	6.00	17.00	16-1.38	21.50	2.75	4.25	4.25	7.25	18.50	16-1.50	23.00	4.25	6.25	6.25	10.00	19.00	12-2.00
12	22.00	2.62	3.62	3.62	6.12	19.25	20-1.38	24.00	3.12	4.62	4.62	7.88	21.00	20-1.50	26.50	4.88	7.12	7.12	11.12	22.50	16-2.12
14	23.75	2.75	3.69	3.69	6.50	20.75	20-1.50	25.25	3.38	5.12	5.12	8.38	22.00	20-1.62	29.50	5.25			11.75	25.00	16-2.38
16	27.00	3.00	4.19	4.19	7.00	23.75	20-1.62	27.75	3.50	5.25	5.25	8.50	24.25	20-1.75	32.50	5.75			12.25	27.75	16-2.62
18	29.25	3.25	4.62	4.62	7.25	25.75	20-1.75	31.00	4.00	6.00	6.00	9.00	27.00	20-2.00	36.00	6.38			12.88	30.50	16-2.88
20	32.00	3.50	5.00	5.00	7.50	28.50	24-1.75	33.75	4.25	6.25	6.25	9.75	29.50	20-2.12	38.75	7.00			14.00	32.75	16-3.12
24	37.00	4.00	5.50	5.50	8.00	33.00	24-2.00	41.00	5.50	8.00	8.00	11.50	35.50	20-2.62	46.00	8.00			16.00	39.00	16-3.62
30	44.50	4.50			9.75	40.25	28-2.12	48.50	5.88			12.25	42.75	20-3.12							
36	51.75	4.88			11.12	47.00	28-2.62	57.50	6.75			14.25	50.75	20-3.62							
42	55.25	6.62			11.00	50.50	28-2.62	61.50	8.12			14.62	54.75	24-3.62							
48	62.75	7.44			12.44	57.50	32-2.88	70.25	9.19			16.50	62.50	24-4.12							
54	70.00	8.25			13.75	64.25	32-3.12														
60	78.50	9.19			15.31	71.75	28-3.62														



CLASS 2500 FLANGES							
1/2	5.25	1.19	1.56	1.56	2.88	3.50	4-0.88
3/4	5.50	1.25	1.69	1.69	3.12	3.75	4-0.88
1	6.25	1.38	1.88	1.88	3.50	4.25	4-1.00
1 1/4	7.25	1.50	2.06	2.06	3.75	5.12	4-1.12
1 1/2	8.00	1.75	2.38	2.38	4.38	5.75	4-1.25
2	9.25	2.00	2.75	2.75	5.00	6.75	8-1.12
2 1/2	10.50	2.25	3.12	3.12	5.62	7.75	8-1.25
3	12.00	2.62	3.62	3.62	6.62	9.00	8-1.38
4	14.00	3.00	4.25	4.25	7.50	10.75	8-1.62
5	16.50	3.62	5.12	5.12	9.00	12.75	8-1.88
6	19.00	4.25	6.00	6.00	10.75	14.50	8-2.12
8	21.75	5.00	7.00	7.00	12.50	17.25	12-2.12
10	26.50	6.50	9.00	9.00	16.50	21.25	12-2.62
12	30.00	7.25	10.00	10.00	18.25	24.38	12-2.88

NOTES: Flange dimensions conform to ANSI B16.5 for sizes 24" and smaller.

Thicknesses on blind flanges, 24" and over, to be specified. Dimensions are in inches.

Lap joint flanges will be furnished with slip-on "Y" dimension unless otherwise specified.

\*Includes .06 raised face in Class 150 and Class 300 standards, but does not include .25 raised face in Class 400 and heavier standards.

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