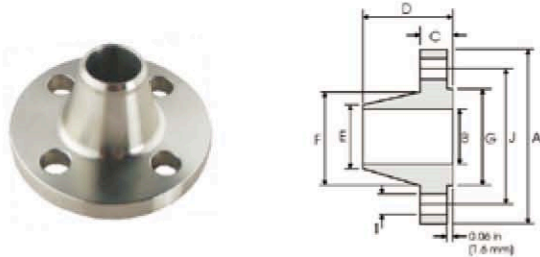




FLANGE

Weld Neck Flanges-ANSI B16.5



Class 150lb

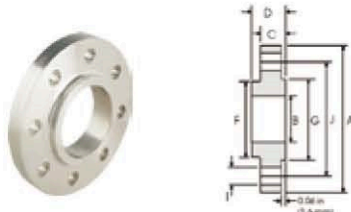
Pipe		Flange Data					Raised Face		Drilling Data			Weight
Nominal Pipe Size	A		B	C	D	E	F	G	H	I	J	Kg/Piece
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Diameter at weld Bevel	Hub Diameter	Face Diameter	Number of holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm	
1/2	0.840 21.30	3.500 88.90	0.620 15.70	0.440 11.20	1.880 47.80	0.840 21.30	1.190 30.20	1.380 35.00	4	0.620 15.70	2.380 60.45	0.48
3/4	1.050 26.70	3.880 98.60	0.820 20.80	0.500 12.70	2.060 52.30	1.050 26.70	1.500 38.10	1.690 42.90	4	0.620 15.70	2.750 69.85	0.71
1	1.315 33.40	4.250 108.0	1.050 26.70	0.560 14.20	2.190 55.60	1.320 33.50	1.940 49.30	2.000 50.80	4	0.620 15.70	3.120 79.25	1.01
1 1/4	1.660 42.20	4.620 117.3	1.380 35.10	0.620 15.70	2.250 57.15	1.660 42.20	2.310 58.70	2.500 63.50	4	0.620 15.70	3.500 88.90	1.33
1 1/2	1.900 48.30	5.000 127.0	1.610 40.90	0.690 17.50	2.440 62.00	1.900 48.30	2.560 65.00	2.880 73.15	4	0.620 15.70	3.880 98.60	1.72
2	2.375 60.30	6.000 152.4	2.070 52.60	0.750 19.10	2.500 63.50	2.380 60.45	3.060 77.70	3.620 91.90	4	0.750 19.10	4.750 120.7	2.58
2 1/2	2.875 73.00	7.000 177.8	2.470 62.70	0.880 22.4	2.750 69.85	2.880 73.15	3.560 90.40	4.120 104.8	4	0.750 19.10	5.500 139.7	4.11
3	3.500 88.90	7.500 190.5	3.070 78.00	0.940 23.90	2.750 69.85	3.500 88.90	4.250 108.0	5.000 127.0	4	0.750 19.10	6.000 152.4	4.92
3 1/2	4.000 101.6	8.500 215.9	3.550 90.20	0.940 23.90	2.810 71.40	4.000 101.6	4.810 122.2	5.500 139.7	8	0.750 19.10	7.000 177.8	6.08
4	4.500 114.30	9.000 228.6	4.303 102.4	0.940 23.90	3.000 76.20	4.500 114.3	5.310 134.9	6.190 157.2	8	0.750 19.10	7.500 190.5	6.84
5	5.563 141.3	10.00 254.0	5.050 128.3	0.940 23.90	3.500 88.90	5.560 141.2	6.440 163.6	7.310 185.7	8	0.880 22.40	8.500 215.9	8.56
6	6.625 168.3	11.00 279.4	6.070 154.2	1.000 25.40	3.500 88.90	6.630 168.4	7.560 192.0	8.500 215.9	8	0.880 22.40	9.500 241.3	10.6
8	8.625 219.1	13.50 342.9	7.980 202.7	1.120 28.40	4.000 101.6	8.630 219.2	9.690 246.1	10.62 269.7	8	0.880 22.40	11.75 298.5	17.6
10	10.75 273.0	16.00 406.4	10.02 254.5	1.190 30.20	4.000 101.6	10.76 273.0	12.00 304.8	12.75 323.8	12	1.000 25.40	14.25 362.0	24.0
12	12.75 323.8	19.00 482.6	12.00 304.8	1.250 31.75	4.500 114.3	12.75 323.8	14.38 365.3	15.00 381.0	12	1.000 28.40	17.00 431.8	36.5
14	14.00 355.6	21.00 533.4	To be specified by Purchaser	1.380 35.10	5.000 127.0	14.00 355.6	15.75 400.1	16.25 412.7	12	1.12 28.40	18.75 476.3	48.4
16	16.00 406.4	23.50 596.9		1.440 36.60	5.000 127.0	16.00 406.4	18.00 475.2	18.50 469.9	16	1.120 28.40	21.25 539.8	60.6
18	18.00 457.2	25.00 635.0		1.560 39.60	5.500 139.7	18.00 457.2	19.88 505.0	21.00 533.4	16	1.250 31.75	22.75 577.9	68.3
20	20.00 508.0	27.50 698.5		1.690 42.90	5.690 144.5	20.00 508.0	22.00 558.8	23.00 584.2	20	1.250 31.75	25.00 635.0	84.5
24	24.00 509.6	32.00 812.8		1.880 47.80	6.000 152.4	24.00 609.6	26.12 663.4	27.25 592.1	20	1.380 35.10	29.50 749.3	115

Notes

- Dimension B corresponds to the pipe inside diameter.Values quoted assume 40S/Standard wall thickness.
- Weights are based on manufacturer's data and are approximate.
- Flat face flanges may be provided at full thickness,C,or with raised face removed(the latter is nonstandard.)

FLANGE

Slip On Flanges - ANSI B16.5



Class 150 lb

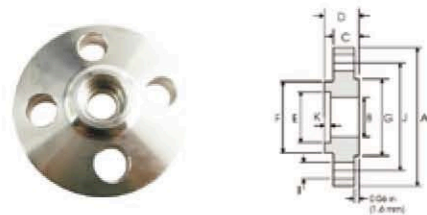
Pipe		Flange Data				Hub	Raised Face	Drilling Data			Weight
Nominal Pipe Size	A		B	C	D	F	G	H	I	J	Kg/Piece
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Hub Diameter	Face Diameter	Number of holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm	
1/2	0.840 21.30	3.500 88.90	0.880 22.40	0.440 11.20	0.620 15.70	1.190 30.20	1.380 35.10	4	0.620 15.70	3.380 86.45	0.39
3/4	1.050 26.70	3.880 98.60	1.090 27.70	0.500 12.70	0.620 15.70	1.500 38.10	1.690 42.90	4	0.620 15.70	2.750 69.85	0.56
1	1.315 33.40	4.250 108.0	1.360 34.50	0.560 14.20	0.690 17.50	1.940 49.30	2.000 50.80	4	0.620 15.70	3.12 79.25	0.78
1 1/4	1.660 42.20	4.620 117.3	1.700 43.20	0.620 15.70	0.810 20.60	2.310 58.70	2.500 63.50	4	0.620 15.70	3.500 88.90	1.03
1 1/2	1.900 48.30	5.000 127.0	1.950 49.50	0.690 17.50	0.880 22.40	2.560 65.00	2.880 73.15	4	0.620 15.70	.880 98.60	1.32
2	2.375 60.30	6.000 152.4	2.440 62.00	0.750 19.10	1.000 25.40	3.060 77.70	3.620 91.90	4	0.750 19.10	4.750 120.7	2.09
2 1/2	2.875 73.00	7.000 177.8	2.940 74.70	0.880 22.40	1.120 28.40	3.560 90.40	4.120 104.6	4	0.750 19.10	5.500 139.7	3.28
3	3.500 88.90	7.500 190.5	3.570 90.70	0.940 23.90	1.190 30.20	4.250 108.0	5.000 127.0	4	0.750 19.10	6.000 152.4	3.85
3 1/2	4.000 101.6	8.500 215.9	4.070 103.4	0.940 23.90	1.250 31.75	4.810 122.2	5.500 139.7	8	0.750 19.10	7.000 177.8	4.81
4	4.500 114.3	9.000 228.6	4.570 116.1	0.940 23.90	1.310 33.30	5.310 134.9	6.190 157.2	8	0.750 19.10	7.500 190.5	5.30
5	5.563 141.3	10.00 254.0	5.660 143.8	0.940 23.90	1.440 36.60	6.440 163.6	7.310 185.7	8	0.880 22.40	8.500 215.9	6.07
6	6.625 168.3	11.00 279.4	6.720 171.5	1.000 25.40	1.560 39.60	7.560 192.0	8.500 215.9	8	0.880 22.40	9.500 241.3	7.45
8	8.625 219.1	13.50 342.9	8.680 221.5	1.120 28.40	1.750 44.50	9.960 246.1	10.62 269.7	8	0.880 22.40	11.75 298.5	12.1
10	10.75 273.0	16.00 406.4	10.780 274.5	1.190 30.20	1.940 49.30	12.00 304.8	12.75 323.9	12	1.000 25.40	14.25 362.0	16.5
12	12.75 323.8	19.00 482.6	12.780 324.5	1.250 31.75	2.190 55.60	14.38 365.3	15.00 381.0	12	1.000 25.40	17.00 431.8	26.2
14	14.00 355.6	21.00 533.4	14.140 359.1	1.380 35.10	2.250 57.15	16.25 400.1	16.25 412.8	12	1.120 28.40	18.75 476.3	34.6
16	16.00 406.4	23.50 596.9	16.160 410.5	1.440 36.60	2.500 63.50	18.00 457.2	18.50 469.9	16	1.120 28.40	21.25 539.8	44.8
18	18.00 457.2	25.00 635.0	18.180 461.8	1.560 39.60	2.690 68.30	19.88 505.0	21.00 533.4	16	1.250 31.75	22.75 577.9	48.9
20	20.00 508.0	27.50 698.5	20.200 513.1	1.690 42.90	2.880 73.15	22.00 558.8	23.00 584.2	20	1.250 31.75	25.00 635.0	61.9
24	24.00 609.6	32.00 812.8	24.250 616.0	1.880 47.80	3.250 82.60	26.12 663.4	27.25 692.2	20	1.250 31.75	29.50 749.3	86.9

Notes

- Weights are based on manufacturer's data and are approximate.
- Flat face flanges may be provided at full thickness,C,or with raised face removed(the latter is nonstan dard).

FLANGE

Socket Weldina Flanges - ANSI B16.5



Class 150lb

Pipe		Flange Data						Hub	Raised Face	Drilling Data			Weight
Nominal Pipe Size	A		B	C	D	E	K	F	G	H	I	J	Kg/Piece
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Socket Diameter	Dopth of Socket	Hub Diameler	Face Diameter	NO. of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm	
1/2	0.840	3.500	0.620	0.440	0.620	0.880	0.380	1.190	1.380	4	0.620	2.380	0.42
	21.30	88.90	15.70	11.20	15.70	22.40	9.600	30.20	35.10		15.70	60.45	
3/4	1.050	3.880	0.820	0.500	0.620	1.090	0.440	1.500	1.690	4	0.620	2.750	0.59
	26.70	98.60	20.80	12.70	15.70	27.70	11.10	38.10	42.90		15.70	69.85	
1	1.315	4.250	1.050	0.560	0.690	1.360	0.500	1.940	2.000	4	0.620	3.120	0.81
	33.40	108.0	26.70	14.20	17.50	34.50	12.70	49.30	63.50		15.70	79.25	
1 1/4	1.660	4.620	1.380	0.620	0.810	1.700	0.560	2.310	2.500	4	0.620	3.500	1.07
	42.20	117.3	35.10	15.70	20.60	43.20	14.20	58.70	63.50		15.70	88.90	
1 1/2	1.900	5.000	1.610	0.690	0.880	1.950	0.620	2.560	2.880	4	0.620	3.880	1.36
	48.30	127.0	40.90	17.50	22.30	49.50	15.70	65.00	73.15		15.70	98.60	
2	2.375	6.000	2.070	0.750	1.000	2.440	0.690	3.060	3.620	4	0.750	4.750	2.10
	60.30	152.4	52.60	19.10	25.40	62.00	47.50	77.70	91.90		19.10	120.7	
2 1/2	2.875	7.000	2.470	0.880	1.120	2.940	0.750	3.560	4.120	4	0.750	5.500	3.33
	73.00	177.8	62.70	22.40	28.40	74.70	19.00	90.40	104.6		19.10	139.7	
3	3.500	7.500	3.070	0.940	1.190	3.570	0.810	4.250	5.000	4	0.750	6.000	3.90
	88.90	190.5	78.00	23.90	30.20	90.70	20.60	108.0	127.0		19.10	152.4	

Class 300lb

Pipe		Flange Data						Hub	Raised Face	Drilling Data			Weight
Nominal Pipe Size	A		B	C	D	E	K	F	G	H	I	J	Kg/Piece
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Socket Diameter	Dopth of Socket	Hub Diameler	Face Diameter	NO. of Holes	Bolt Hole Diameter	Diameter of Circle of Holes	
	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm	
1/2	0.840	3.750	0.620	0.560	0.880	0.880	0.380	1.500	1.380	4	0.620	2.620	0.66
	21.30	95.20	15.70	14.20	22.30	22.40	9.600	38.10	35.10		15.70	66.55	
3/4	1.050	4.620	0.820	0.620	1.000	1.090	0.440	1.880	1.690	4	0.750	3.250	1.15
	26.70	117.3	20.80	15.70	25.40	27.70	11.10	47.70	42.90		19.10	82.50	
1	1.315	4.880	1.050	0.690	1.060	1.360	0.500	2.120	2.000	4	1.750	3.500	1.40
	33.40	123.9	26.70	17.50	26.90	34.50	12.70	53.80	63.50		19.10	88.90	
1 1/4	1.660	5.250	1.380	0.750	1.060	1.700	0.560	2.500	2.500	4	0.750	3.880	1.75
	42.20	133.3	35.10	19.00	26.90	43.20	14.20	63.50	63.50		19.10	98.60	
1 1/2	1.900	6.120	1.610	0.810	1.190	1.950	0.620	2.750	2.880	4	0.880	4.500	2.55
	48.30	155.4	40.90	20.60	30.20	49.50	15.70	69.85	73.15		22.30	114.3	
2	2.375	6.500	2.070	0.880	1.310	2.440	0.690	3.310	3.620	4	0.750	5.000	2.93
	60.30	165.1	52.60	22.30	33.20	62.00	47.50	84.00	91.90		19.10	127.0	
2 1/2	2.875	7.500	2.470	1.000	1.500	2.940	0.750	3.940	4.120	4	0.880	5.880	4.40
	73.00	190.5	62.70	25.40	38.10	74.70	19.00	100.0	104.6		22.30	149.3	

Note
-Dimension B corresponds to the pipe inside diameter.Values quoted assume 40S/Standard wall thickness.
-Weights are bassed on manufacturer's data and are approximate.

FLANGE

Threaded Flanges -ANSI B16.5



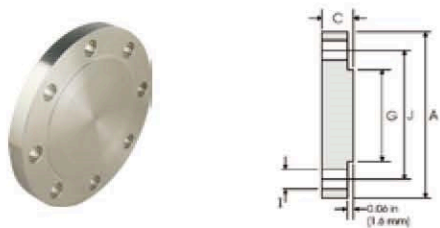
Class 150 lb

Pipe		Flange Data				Hub	Raised Face		Drilling Data			Weight
Nominal Pipe Size	A		C	D	E	F	G	H	I	J	Kg/Piece	
	Outside Diameter	Overall Diameter	Inside Diameter	Flange Thickness min	Overall Length	Hub Diameter	Face Diameter	Number of holes	Bolt Hole Diameter	Diameter of Circle of Holes		
	In mm	In mm	In mm	In mm	In mm	In mm	In mm		In mm	In mm		
1/2	0.840	3.500	0.440	0.620	0.620	1.190	1.380	4	0.620	2.380	0.39	
	21.30	88.90	11.20	15.70	15.70	30.20	35.10		15.70	60.45		
3/4	1.050	3.880	0.500	0.620	0.620	1.500	1.690	4	0.620	2.750	0.56	
	26.70	98.60	12.70	15.70	15.70	38.10	42.90		15.70	69.85		
1	1.315	4.250	0.560	0.690	0.690	1.940	2.000	4	0.620	3.12	0.78	
	33.40	108.0	14.20	17.50	17.50	49.30	50.80		15.70	79.25		
1 1/4	1.660	4.620	0.620	0.810	0.810	2.310	2.500	4	0.620	3.500	1.03	
	42.20	117.3	15.70	20.60	20.60	58.70	63.50		15.70	88.90		
1 1/2	1.900	5.000	0.690	0.880	0.880	2.560	2.880	4	0.620	.880	1.32	
	48.30	127.0	17.50	22.40	22.40	65.00	73.15		15.70	98.60		
2	2.375	6.000	0.750	1.000	1.000	3.060	3.620	4	0.750	4.750	2.06	
	60.30	152.4	19.10	25.40	25.40	77.70	91.90		19.10	120.7		
2 1/2	2.875	7.000	0.880	1.120	1.120	3.560	4.120	4	0.750	5.500	3.28	
	73.00	177.8	22.40	28.40	28.40	90.40	104.6		19.10	139.7		
3	3.500	7.500	0.940	1.190	1.190	4.250	5.000	4	0.750	6.000	3.85	
	88.90	190.5	23.90	30.20	30.20	108.0	127.0		19.10	152.4		
3 1/2	4.000	8.500	0.940	1.250	1.250	4.810	5.500	8	0.750	7.000	4.81	
	101.6	215.9	23.90	31.75	31.75	122.2	139.7		19.10	177.8		
4	4.500	9.000	0.940	1.310	1.310	5.310	6.190	8	0.750	7.500	5.30	
	114.3	228.6	23.90	33.30	33.30	134.9	157.2		19.10	190.5		
5	5.563	10.00	0.940	1.440	1.440	6.440	7.310	8	0.880	8.500	6.07	
	141.3	254.0	23.90	36.60	36.60	163.6	185.7		22.40	215.9		
6	6.625	11.00	1.000	1.560	1.560	7.560	8.500	8	0.880	9.500	7.45	
	16.8	279.4	25.40	39.60	39.60	192.0	215.9		22.40	241.3		
8	8.625	13.50	1.120	1.750	1.750	9.960	10.62	8	0.880	11.75	12.1	
	219.1	342.9	28.40	44.50	44.50	246.1	269.7		22.40	298.5		
10	10.75	16.00	1.190	1.940	1.940	12.00	12.75	12	1.000	14.25	16.5	
	273.0	406.4	30.20	49.30	49.30	304.8	323.9		25.40	362.0		
12	12.75	19.00	1.250	2.190	2.190	14.38	15.00	12	1.000	17.00	26.2	
	323.8	482.6	31.75	55.60	55.60	365.3	381.0		25.40	431.8		
14	14.00	21.00	1.380	2.250	2.250	15.75	16.25	12	1.120	18.75	34.6	
	355.6	533.4	35.10	57.15	57.15	400.1	412.8		28.40	476.3		
16	16.00	23.50	1.440	2.500	2.500	18.00	18.50	16	1.120	21.25	44.8	
	406.4	596.9	36.60	63.50	63.50	457.2	469.9		28.40	539.8		
18	18.00	25.00	1.560	2.690	2.690	19.88	21.00	16	1.250	22.75	48.9	
	457.2	635.0	39.60	68.30	68.30	505.0	533.4		31.75	577.9		
20	20.00	27.50	1.690	2.880	2.880	22.00	23.00	20	1.250	25.00	61.9	
	508.0	698.5	42.90	73.15	73.15	558.8	548.2		31.75	635.0		
24	24.00	32.00	1.880	3.250	3.250	26.12	27.25	20	1.250	29.50	86.9	
	609.6	812.8	47.80	82.60	82.60	663.4	692.2		31.75	749.3		

Notes
-The third conforms to ASME B1.20.1 NTP threads as decribed in section 10.(The only exceptions are small male and Fmale plain face threaded flanges which use NPSL recount threads.)
-Class 150 threaded flanges are made without a counterbore.Threads are chamfered to the major diameter(approx.)at an angle of 45° (approx.) at the back of the flange.
-Weights are based on manufacturer's data and are approximate.

FLANGE

Blind Flanges -ANSI B16.5



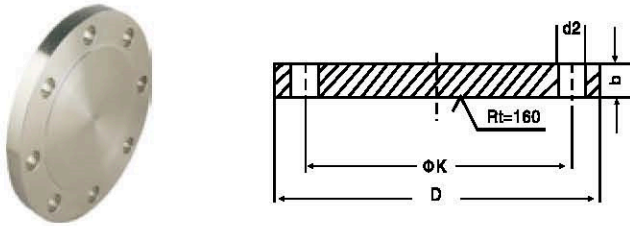
Class 150 lb

Pipe		Flange Data		Raiead Face		Drilling Data		Weight
Nominal Pipe Size	Outside Diameter	A	C	G	H	I	J	Kg/Piece
		Overall Diameter	Inside Diameter	Flange Thickmess min	Number of holes	Hub Diameter	Face Diameter	
		In mm	In mm	In mm		In mm	In mm	
1/2	0.840 21.30	3.500 88.90	0.440 11.20	1.380 35.10	4	0.620 15.70	2.380 60.45	0.39
3/4	1.050 26.70	3.880 98.60	0.500 12.70	1.690 42.90	4	0.620 15.70	2.750 69.85	0.56
1	1.315 33.40	4.250 108.0	0.560 14.20	2.000 50.80	4	0.620 15.70	3.12 79.25	0.78
1 1/4	1.660 42.20	4.620 117.3	0.620 15.70	2.500 63.50	4	0.620 15.70	3.500 88.90	1.03
1 1/2	1.900 48.30	5.000 127.0	0.690 17.50	2.880 73.15	4	0.620 15.70	.880 98.60	1.32
2	2.375 60.30	6.000 152.4	0.750 19.10	3.620 91.90	4	0.750 19.10	4.750 120.7	2.06
2 1/2	2.875 73.00	7.000 177.8	0.880 22.40	4.120 104.6	4	0.750 19.10	5.500 139.7	3.28
3	3.500 88.90	7.500 190.5	0.940 23.90	5.000 127.0	4	0.750 19.10	6.000 152.4	3.85
3 1/2	4.000 101.6	8.500 215.9	0.940 23.90	5.500 139.7	8	0.750 19.10	7.000 177.8	4.81
4	4.500 114.3	9.000 228.6	0.940 23.90	6.190 157.2	8	0.750 19.10	7.500 190.5	5.30
5	5.563 141.3	10.00 254.0	0.940 23.90	7.310 185.7	8	0.880 22.40	8.500 215.9	6.07
6	6.625 168	11.00 279.4	1.000 25.40	8.500 215.9	8	0.880 22.40	9.500 241.3	7.45
8	8.625 219.1	13.50 342.9	1.120 28.40	10.62 269.7	8	0.880 22.40	11.75 298.5	12.1
10	10.75 273.0	16.00 406.4	1.190 30.20	12.75 323.9	12	1.000 25.40	14.25 362.0	16.5
12	12.75 323.8	19.00 482.6	1.250 31.75	15.00 381.0	12	1.000 25.40	17.00 431.8	26.2
14	14.00 355.6	21.00 533.4	1.380 35.10	16.25 412.8	12	1.120 28.40	18.75 476.3	34.6
16	16.00 406.4	23.50 596.9	1.440 36.60	18.50 469.9	16	1.120 28.40	21.25 539.8	44.8
18	18.00 457.2	25.00 635.0	1.560 39.60	21.00 533.4	16	1.250 31.75	22.75 577.9	48.9
20	20.00 508.0	27.50 698.5	1.690 42.90	23.00 548.2	20	1.250 31.75	25.00 635.0	61.9
24	24.00 609.6	32.00 812.8	1.880 47.80	27.25 692.2	20	1.380 35.10	29.50 749.3	86.9

Notes
-Weights are based on manufacturer's data and are approximate.
-Flat face flanges may be provided at full thickness,C,or with raised face removed(the latter is nonstandard).

FLANGE

DIN2527 Blind Flange
Rated Pressure 6



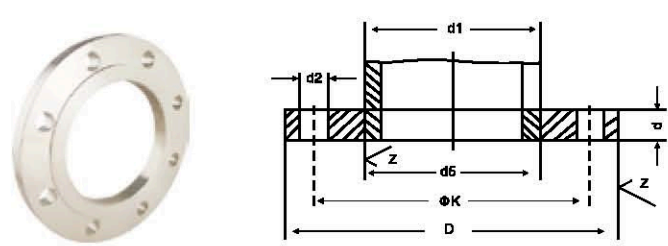
Diametro Nominal Rated Diameter Nennweite	Brida/ Flange/ Flansch			d ₂ max.	Tornillos/Screws/Schrauben			peso da una brida/Weoght of a flange/Gowichl eines Flansches(7.85 kg/dm3)			
	D	b	K		Numero/ Number/ Anzahl	Rosca/ Thread/ Gewinde	d ₂	Forma B/ Shape B/ Fom B	Forma T/ Shape T/ Fom T		
								Kg	Kg		
10	75	12	50	4	M10	11	0.38				
15	80	12	55				0.44				
20	90	14	65				0.65				
25	100	14	75				0.82				
32	120	14	90				1.17				
40	130	14	100		M12	14	1.39				
50	140	14	110				1.62				
65	160	14	130				2.44	2.48			
80	190	16	150				3.43	3.49			
100	210	16	170				4.76	4.86			
125	240	18	200	8	M16	18	6.11	6.28			
150	265	18	225				7.51	7.75			
(175)	295	20	255				10.4	10.7			
200	320	20	280				12.3	12.7			
250	375	22	335				18.3	19			
300	440	22	395				12	M20	22	25.3	26.3
350	490	22	445							31.6	32.9
400	540	22	495	38.4	40.2						
500	645	24	600	20			60.4	63.2			

Bridas ciegas/Blind Flanges/blind flansche
presion nominal 10./Rated pressure 10./Nenndruck 10 Medidas en
milimetros/Dimensions in mm/Mae in mm.

Diametro Nominal Rated Diameter Nennweite	Brida/ Flange/ Flansch			d ₂ max.	Tornillos/Screws/Schrauben			peso da una brida/Weoght of a flange/Gowichl eines Flansches(7.85 kg/dm3)	
	D	b	K		Numero/ Number/ Anzahl	Rosca/ Thread/ Gewinde	d ₂	Forma B/ Shape B/ Fom B	Forma T/ Shape T/ Fom T
								Kg	Kg
10a175	Vease presion nominal 16								
10to175	See rated pressure 16								
10bis175	Fur Ne nrwe ten 10 bis 175 sind Blindflan sche des Nenndruckes 16zu verwenden								
200	340	24	295	190	8	M20	22	16.5	16.9
250	395	26	350	235	12			24	24.7
300	445	26	400	285	16			30.9	31.9
350	505	26	460	330	16			40.6	41.9
400	565	26	515	380	20	M24	26	49.4	51.2
500	670	28	620	475				75	77.8

FLANGE

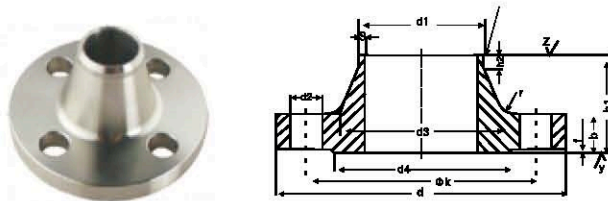
DIN2573 Plate Flange
Rated Pressure 6



Tuba/Pipe/Rohr-AnschlußBmabe								Tornillos/Screws/Schrauben			Peso de una brida/weight of a flange/ Gewicht eines Flansches (7.85 Kg/dm3)
Diametro Nominal Rated Diameter Nennweite	d1		d5	D	b	c	K	Numero/ Numeber/ Anzahl	Rosca/ Thread/ Gewinde	d2	
	ISO Serie1	DIN Serie 2									
	Reihe 1	Reihe 2									
10	-	14	14.5	75	12	5	50	4	M10	11	0.363
	17.2	-	17.7								
15	-	20	21	80	12	5	55	4	M10	11	0.41
	21.3	-	22								
20	-	25	26	90	14	5	65	4	M10	11	0.6
	26.9	-	27.6								
25	-	30	31	100	14	5	75	4	M10	11	0.74
	33.7	-	34.4								
32	-	38	39	120	16	5	90	4	M12	14	1.19
	42.4	-	43.1								
40	-	44.5	45.5	130	16	5	100	4	M12	14	1.39
	48.3	-	49								
50	-	57	58.1	140	16	6	110	4	M12	14	1.53
	60.3	-	61.1								
65	76.1	-	77.1	160	16	6	130	4	M12	14	1.89
80	88.9	-	90.3	190	18	7	150	4	M16	14	2.98
100	-	108	109.6	210	18	7	170	4	M16	18	3.46
	114.3	-	115.9								
125	-	133	134.8	240	20	7	200	8	M16	18	4.6
	139.7	-	141.6								
150	-	159	161.1	265	20	7	225	8	M16	18	5.22
	168.3	-	170.5								
200	219.1	-	221.8	320	22	7	280	8	M16	18	7..15
250	-	267	270.2	375	24	7	335	12	M16	18	9.61
	273	-	276.2								
300	323.9	-	327.6	440	24	7	295	12	M20	22	12.6
350	355.6	-	359.7	490	26	7	445	12	M20	22	15.6
	-	368	372.2								
450	406.4	-	411	540	28	7	495	16	M20	22	18.4
	-	419	423.7								
(450)*	457	-	462.5	595	30	7	550	16	M20	22	21.4
500	508	-	513.6	645	30	7	600	20	M20	22	24.6

FLANGE

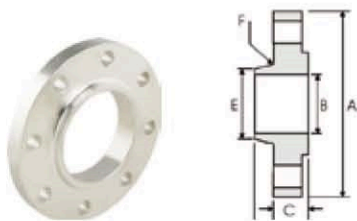
DIN2631 Welding neck flange



Tubo/Pipe/Rohr-Anschlu	Bmabe	Brida/Flange/Flansch						Cuello/Neck/Ansatz				Resalto/ Raised face/ Dichtleiste	Tornillos/Screws/Schrauben			Poso de una brida/ Weight of a flange/ Gewicht eines Flansches(7.85Kg/ dm3)
Diametro Nominal Rated Diameter Nennweite	d1		D	b	K	h1	d3	s	r	h2	d4	1	Numero/ Number Anzahl	Rosea/ Thread/ Gewinde	d2	Kg
	ISO Serie 1	DIN Serie 2														
	Reihe 1	Reihe 2														
10	- 17.2	14 --	75	12	50	28	<u>22</u> 26	1.8	4	8	35	2	4	M10	11	0.335
15	- 21.3	20 -	80	12	55	30	<u>28</u> 30	2	4	6	40	2	4	M10	11	0.392
20	- 26.9	25 -	90	14	65	32	<u>35</u> 38	2.3	4	6	50	2	4	M10	11	0.592
25	- 33.7	30 -	100	14	75	35	<u>40</u> 42	2.6	4	6	60	2	4	M10	11	0.747
32	- 42.4	38 -	120	14	90	35	<u>50</u> 55	2.6	6	6	70	2	4	M12	14	1.05
40	- 48.3	44.5 -	130	14	100	38	<u>58</u> 62	2.6	6	7	80	3	4	M12	14	1.18
50	- 60.3	57 -	140	14	110	38	<u>70</u> 74	2.9	6	8	90	3	4	M12	14	1.34
65	76.1	-	160	14	130	38	88	2.9	6	9	110	3	4	M12	14	1.67
80	88.9	-	190	16	150	42	102	3.2	8	10	128	3	4	M16	18	2.71
100	- -	108 -	210	16	170	45	<u>122</u> -	3.6	8	10	148	3	4	M16	18	3.24
125	- 139.5	133 -	240	18	200	48	<u>148</u> 155	4	8	10	178	3	8	M16	18	4.49
150	- 168.3	159 -	265	18	225	48	<u>172</u> 184	4.5	10	12	202	3	8	M16	18	5.15
200	219.1	-	320	20	280	55	236	5.9	10	15	258	3	8	M16	18	7.78
250	- 273	267 -	375	22	335	60	<u>282</u> 290	6.3	12	15	312	3	<u>12</u> 12	M16	18	10.8
300	323.9	-	440	22	395	62	342	7.1	12	15	365	4	12	M20	22	14
350	<u>355.6</u> -	- 368	490	22	445	62	385	7.1	12	15	415	4	16	M20	22	18.5 16.7
400	<u>406.4</u> -	- 419	540	22	495	65	438	7.1	12	15	465	4	16	M20	22	21.2 19
500	508	-	645	24	600	68	538	7.1	12	15	570	4	20	M20	22	28.6
600	610	-	755	24	705	70	640	7.1	12	16	670	5	20	M24	26	31.5
700	711	-	860	24	810	70	740	7.1	12	16	775	5	24	M24	26	374.4
800	813	-	875	24	820	70	842	7.1	12	16	880	5	24	M27	30	46.1
900	914	-	1075	26	1020	70	942	7.1	12	16	980	5	24	M27	30	55.6
1000	1018	-	1175	26	1120	70	1045	7.1	12	16	1080	5	28	M27	30	61.9
1200	1220	-	1405	28	1340	90	1248	8	16	16	1295	5	32	M30	33	100
1400	1420	-	1630	32	1560	90	1452	8	16	16	1510	5	36	M33	36	149
1600	1620	-	1830	34	1760	90	1655	9	16	16	1710	5	40	M33	36	180
1800	1820	-	2045	36	1970	100	1855	10	16	16	1920	5	44	M36	39	225
2000	2020	-	2265	38	2180	110	2058	11	16	16	2125	5	48	M39	42	295
2200	2220	-	2475	42	2390	T115	2260	12	18	25	2335	6	52	M39	42	361
2400	2420	-	2685	44	2800	125	2482	13	18	25	2545	6	56	M39	42	415
2600	2620	-	2905	46	2810	130	2665	14	18	25	2750	6	60	M45	48	530
2800	2820	-	3115	48	3020	135	2885	15	18	30	2960	6	64	M45	48	643
3000	3020	-	3315	50	3220	140	3068	16	18	30	3160	6	68	M45	48	777
3200	3220	-	3525	54	3430	150	3272	16	20	30	3370	6	72	M45	48	851
3400	3420	-	3733	56	3640	160	3475	18	20	35	3580	6	76	M45	48	993
3600	3620	-	3970	60	3860	165	3678	18	20	35	3790	6	80	M52	56	1001

FLANGE

Slip On Flanges-BS 4504



DN	PN	A mm	B mm	C mm	D mm	E mm	F mm
10	6	75	18.0	12	20	25	3
	10&6	90		14	20	30	
	25&40	90		16	22	30	
15	6	80	22	12	20	30	3
	10&16	95		14	20	35	
	25&40	95		16	22	35	
20	6	90	27.5	14	24	40	4
	10&16	105		16	24	45	
	25&40	105		18	26	45	
25	6	100	34.5	14	24	50	4
	10&16	115		16	24	52	
	25&40	115		18	28	52	
32	6	120	43.5	14	26	60	5
	10&16	140		16	26	60	
	25&40	140		18	30	60	
40	6	130	49.5	14	26	70	5
	10&16	150		16	26	70	
	25&40	150		18	32	70	
50	6	140	61.5	14	28	80	5
	10&16	165		18	28	84	
	25&40	165		20	34	84	
65	6	160	77.5	14	32	100	6
	10&16	185		18	32	104	
	25&40	185		22	38	104	
80	6	190	90.5	16	34	110	6
	10&16	200		20	34	118	
	25&40	200		24	40	118	
100	6	210	116.0	16	40	130	6
	10&16	220		20	40	140	
	25&40	235		24	44	145	
125	6	240	141.5	18	44	160	6
	10&16	250		22	44	168	
	25&40	270		26	48	170	
150	6	265	170.5	18	44	185	8
	10&16	285		22	44	195	
	25&40	300		28	75	190	

DN	PN	A mm	B mm	C mm	D mm	E mm	F mm
200	6	320	221.5	20	44	240	8
	10&16	340		24	44	246	
	25	360		30	52	258	
250	40	375	276.5	34	52	260	10
	6	375		22	44	295	
	10	395		26	46	298	
300	16	405	327.5	26	46	298	10
	25	425		32	60	310	
	40	450		38	60	312	
350	6	440	359.5	22	44	355	10
	10	445		26	46	350	
	16	460		28	46	350	
400	25	485	411.0	34	67	364	10
	40	515		42	67	380	
	10	505		26	53	400	
450	16	520	462.0	30	57	400	12
	25	555		38	72	418	
	40	580		46	72	424	
500	10	565	513.5	26	57	456	12
	16	580		32	63	456	
	25	620		40	78	472	
600	40	660	616.5	50	78	478	12
	10	615		28	63	502	
	18	640		34	88	502	
-	25	670	-	42	84	520	-
	40	685		50	84	522	
	10	670		28	87	559	
-	16	715	-	34	73	559	-
	25	730		44	90	580	
	40	755		52	90	576	
-	10	780	-	28	75	658	-
	18	840		36	83	658	
	25	845		48	100	684	
-	40	890	-	60	100	686	-
	-	-		-	-	-	
	-	-		-	-	-	

FLANGE

Plate Flanges-BS 4504



DN	PN	A mm	B mm	C mm
10	2.5&6	75	12	16.0
	10&16	90	14	
	25&40	90	14	
15	2.5&6	80	12	22
	10&16	95	14	
	25&40	95	14	
20	2.5&6	90	14	27.5
	10&16	105	16	
	25&40	105	16	
25	2.5&6	100	14	34.5
	10&16	115	16	
	25&40	115	16	
32	2.5&6	120	16	43.5
	10&16	140	18	
	25&40	140	18	
40	2.5&6	130	18	49.5
	10&16	150	18	
	25&40	150	18	
50	2.5&6	140	16	61.5
	10&16	165	20	
	25&40	165	20	
65	2.5&6	160	16	77.5
	10&16	185	20	
	25&40	185	22	
80	2.5&6	190	18	90.5
	10&16	200	20	
	25&40	200	24	
100	2.5&6	210	18	116.0
	10&16	220	22	
	25&40	235	26	
125	2.5&6	240	20	141.5
	10&16	250	22	
	25&40	270	28	
150	2.5&6	265	20	170.5
	10&16	285	24	
	25&40	300	30	
200	2.5&6	320	22	221.5
	10&16	340	24	
	25	360	32	
250	40	375	36	276.5
	2.5&6	375	24	
	10	395	26	
-	16	405	29	-
	25	425	35	
	40	450	42	

DN	PN	A mm	B mm	C mm
300	2.5&6	440	24	327.5
	10	445	26	
	16	460	32	
	25	485	38	
	40	515	48	
350	2.5&6	490	26	359.5
	10	505	28	
	16	520	35	
	25	555	42	
	40	580	54	
400	2.5&6	540	28	411.0
	10	565	32	
	16	580	38	
	25	620	46	
	40	660	60	
450	2.5&6	595	30	462.0
	10	615	36	
	16	640	42	
	25	670	50	
	40	685	68	
500	2.5&6	645	39	513.5
	10	670	38	
	16	715	46	
	25	730	56	
	40	755	72	
600	2.5&6	755	32	616.5
	10	780	42	
	16	840	52	
	25	845	68	
	40	890	84	
700	2.5	860	38	To be specified by Purchaser
800	2.5	975	38	
900	2.5	1075	40	
1000	2.5	1175	42	
1200	2.5	1375	44	
1400	2.5	1575	48	
1600	2.5	1790	51	
1800	2.5	1990	54	
2000	2.5	2190	58	

Notes
-Dimension B is the flange thickness with or without a raised face.