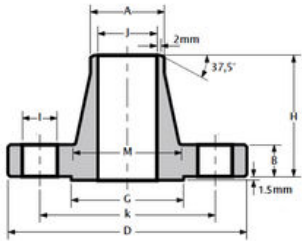


> Dimension J corresponds to the inside diameter.
Values mentioned assume 40S/Standard wall thickness.
> Weights are approximate

PIPE	FLANGE DATA				HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	89	9.6	46	15.8	21.3	30	34.9	4	15.88	60.3	0.51
¾"	99	11.2	51	20.9	26.7	38	42.9	4	15.88	69.9	0.73
1"	108	12.7	54	26.6	33.4	49	50.8	4	15.88	79.4	1.07
1 ¼"	117	14.3	56	35.1	42.2	59	63.5	4	15.88	88.9	1.40
1 ½"	127	15.9	60	40.9	48.3	65	73.0	4	15.88	98.4	1.81
2"	152	17.5	62	52.5	60.3	78	92.1	4	19.05	120.7	2.59
2 ½"	178	20.7	68	62.7	73.0	90	104.8	4	19.05	139.7	4.28
3"	190	22.3	68	77.9	88.9	108	127.0	4	19.05	152.4	5.18
3 ½"	216	22.3	70	90.1	101.6	122	139.7	8	19.05	177.8	5.45
4"	229	22.3	75	102.3	114.3	135	157.2	8	19.05	190.5	7.32
5"	254	22.3	87	128.2	141.3	164	185.7	8	22.23	215.9	8.91
6"	279	23.9	87	154.1	168.3	192	215.9	8	22.23	241.3	11.26
8"	343	27.0	100	202.7	219.1	246	269.9	8	22.23	298.5	17.68
10"	406	28.6	100	254.6	273.0	305	323.8	12	25.40	362.0	24.79
12"	483	30.2	113	304.8	323.8	365	381.0	12	25.40	431.8	38.98
14"	533	33.4	125	To be specified by purchaser	355.6	400	412.8	12	28.58	476.3	51.71
16"	597	35.0	125		406.4	457	469.9	16	28.58	539.8	64.41
18"	635	38.1	138		457.0	505	533.4	16	31.75	577.9	74.84
20"	698	41.3	143		508.0	559	584.2	20	31.75	635.0	89.36
24"	813	46.1	151		610.0	663	692.2	20	34.93	749.3	119.66
26" SERIE A	870	66.7	119		660.4	676	749.0	24	34.93	806.4	150.17
26" SERIE B	786	39.8	87		661.9	684	711.0	36	22.23	744.5	63.20
28" SERIE A	927	69.9	124		711.2	727	800.0	28	34.93	863.6	171.36
28" SERIE B	837	43.0	94		712.7	735	762.0	40	22.23	795.3	72.90
30" SERIE A	984	73.1	135		762.0	781	857.0	28	34.93	914.4	200.22
30" SERIE B	887	43.0	98		763.5	787	813.0	44	22.23	846.1	79.80
32" SERIE A	1060	79.4	143		812.8	832	914.0	28	41.28	977.9	250.06
32" SERIE B	941	44.6	106		814.3	840	864.0	48	22.23	900.1	91.40
34" SERIE A	1111	81.0	148		863.6	883	965.0	32	41.28	1028.7	267.72
34" SERIE B	1005	47.7	109		865.1	892	921.0	40	25.40	957.3	109.70
36" SERIE A	1168	88.9	156		914.4	933	1022.0	32	41.28	1085.8	316.30
36" SERIE B	1057	50.9	116		915.9	945	972.0	44	25.40	1009.6	124.50
38" SERIE A	1238	85.8	156		965.2	991	1073.0	32	41.28	1149.4	352.11
38" SERIE B	1124	52.5	122		968.2	997	1022.0	40	28.58	1070.0	146.30
40" SERIE A	1289	88.9	162		1016.0	1041	1124.0	36	41.28	1200.2	379.80
40" SERIE B	1175	54.1	127		1019.0	1049	1080.0	44	28.58	1120.8	159.30
42" SERIE A	1346	95.3	170		1066.8	1092	1194.0	36	41.28	1257.3	435.33
42" SERIE B	1226	57.3	132		1069.8	1102	1130.0	48	28.58	1171.6	175.30
44" SERIE A	1403	100.1	176		1117.6	1143	1245.0	40	41.28	1314.4	484.15
44" SERIE B	1276	58.9	135		1120.6	1153	1181.0	52	28.58	1222.4	187.90
46" SERIE A	1454	101.6	184		1168.4	1197	1295.0	40	41.28	1365.2	518.15
46" SERIE B	1341	60.4	143		1171.4	1205	1235.0	40	31.75	1284.3	220.30
48" SERIE A	1511	106.4	191		1219.2	1248	1359.0	44	41.28	1422.4	572.87
48" SERIE B	1392	63.6	148		1222.2	1257	1289.0	44	31.75	1335.1	239.50



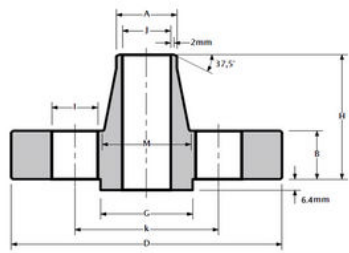
> Dimension J corresponds to the inside diameter.
Values mentioned assume 40S/Standard wall thickness.
> Weights are approximate

PIPE	FLANGE DATA				HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	95	12.7	51	15.8	21.3	38	34.9	4	15.88	66.7	0.78
¾"	117	14.3	56	20.9	26.7	48	42.9	4	19.05	82.6	1.34
1"	124	15.9	60	26.6	33.4	54	50.8	4	19.05	88.9	1.64
1 ¼"	133	17.5	64	35.1	42.2	64	63.5	4	19.05	98.4	2.06
1 ½"	155	19.1	67	40.9	48.3	70	73.0	4	22.23	114.3	3.06
2"	165	20.7	68	52.5	60.3	84	92.1	8	19.05	127.0	3.40
2 ½"	190	23.9	75	62.7	73.0	100	104.8	8	22.23	149.2	5.31
3"	210	27.0	78	77.9	88.9	117	127.0	8	22.23	168.3	7.32
3 ½"	229	28.6	80	90.1	101.6	133	139.7	8	22.23	184.2	8.17
4"	254	30.2	84	102.3	114.3	146	157.2	8	22.23	200.0	11.30
5"	279	33.4	97	128.2	141.3	178	185.7	8	22.23	235.0	15.12
6"	318	35.0	97	154.1	168.3	206	215.9	12	22.23	269.9	19.68
8"	381	39.7	110	202.7	219.1	260	269.9	12	25.40	330.2	30.48
10"	444	46.1	116	254.6	273.0	321	323.8	16	28.58	387.4	43.74
12"	521	49.3	129	304.8	323.8	375	381.0	16	31.75	450.8	64.41
14"	584	52.4	141	To be specified by purchaser	355.6	425	412.8	20	31.75	514.4	88.30
16"	648	55.6	145		406.4	483	469.9	20	34.93	571.5	112.94
18"	711	58.8	157		457.0	533	533.4	24	34.93	628.6	138.34
20"	775	62.0	161		508.0	587	584.2	24	34.93	685.8	167.37
24"	914	68.3	167		610.0	702	692.2	24	41.28	812.8	235.41
26" SERIE A	972	77.8	183		660.4	721	749.0	28	44.45	876.3	283.40
26" SERIE B	867	87.4	143		665.2	702	737.0	32	34.93	803.3	185.00
28" SERIE A	1035	84.2	195		711.2	775	800.0	28	44.45	939.8	343.20
28" SERIE B	921	87.4	148		716.0	756	787.0	36	34.93	857.2	202.50
30" SERIE A	1092	90.5	208		762.0	827	857.0	28	47.63	997.0	395.30
30" SERIE B	991	92.1	156		768.4	813	845.0	36	38.10	920.8	246.20
32" SERIE A	1149	96.9	221		812.8	881	914.0	28	50.80	1054.1	455.00
32" SERIE B	1054	101.6	167		819.2	864	902.0	32	41.28	977.9	302.10
34" SERIE A	1206	100.1	230		863.6	937	965.0	28	50.80	1104.9	511.50
34" SERIE B	1108	101.6	171		870.0	918	953.0	36	41.28	1031.9	324.40
36" SERIE A	1270	103.2	240		914.4	991	1022.0	32	53.98	1168.4	568.20
36" SERIE B	1171	101.6	179		920.8	965	1010.0	32	44.45	1089.0	363.90
38" SERIE A	1168	106.4	179		965.2	994	1029.0	32	41.28	1092.2	318.30
38" SERIE B	1222	109.6	190		971.6	1016	1060.0	36	44.45	1139.8	407.40
40" SERIE A	1238	112.8	192		1016.0	1048	1086.0	32	44.45	1155.7	384.70
40" SERIE B	1273	114.3	197		1022.4	1067	1114.0	40	44.45	1190.6	440.30
42" SERIE A	1289	117.5	198		1066.8	1099	1137.0	32	44.45	1206.5	420.80
42" SERIE B	1334	117.5	203		1074.7	1118	1168.0	36	47.63	1244.6	489.90
44" SERIE A	1353	122.3	205		1117.6	1149	1194.0	32	47.63	1263.6	476.90
44" SERIE B	1384	125.5	213		1125.5	1173	1219.0	40	47.63	1295.4	541.10
46" SERIE A	1416	127.0	214		1168.4	1203	1245.0	28	50.80	1320.8	549.80
46" SERIE B	1460	127.0	221		1176.3	1229	1270.0	36	50.80	1365.2	637.00
48" SERIE A	1467	131.8	222		1219.2	1254	1302.0	32	50.80	1371.6	587.40
48" SERIE B	1511	127.0	222		1227.1	1278	1327.0	40	50.80	1416.0	656.80

ASTM/ASME A/SA182 - 400LBS

1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47
SERIE A / SERIE B

WELDING NECK FLANGE
WELDING NECK FLENS
VORSCHWEISSFLANSCH
BRIDE à TALON



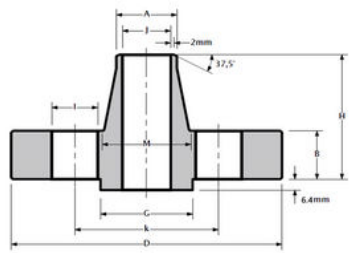
> Weights are approximate
> 1/2" - 3 1/2" = 600 LBS

PIPE		FLANGE DATA			HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	95	14.3	52	To be specified by purchaser	21.3	38	34.9	4	15.88	66.7	0.90
¾"	117	15.9	57		26.7	48	42.9	4	19.05	82.6	1.59
1"	124	17.5	62		33.4	54	50.8	4	19.05	88.9	1.90
1 ¼"	133	20.7	67		42.2	64	63.5	4	19.05	98.4	2.49
1 ½"	155	22.3	70		48.3	70	73.0	4	22.23	114.3	3.63
2"	165	25.4	73		60.3	84	92.1	8	19.05	127.0	4.54
2 ½"	190	28.6	79		73.0	100	104.8	8	22.23	149.2	6.35
3"	210	31.8	83		88.9	117	127.0	8	22.23	168.3	8.10
3 ½"	229	35.0	86		101.6	133	139.7	8	25.40	184.2	11.80
4"	254	35.0	89		114.3	146	157.2	8	25.40	200.0	13.61
5"	279	38.1	102		141.3	178	185.7	8	25.40	235.0	17.69
6"	318	41.3	103		168.3	206	215.9	12	25.40	269.9	22.23
8"	381	47.7	117		219.1	260	269.9	12	28.58	330.0	35.38
10"	444	54.0	124		273.0	321	323.8	16	31.75	387.4	49.89
12"	521	57.2	137		323.8	375	381.0	16	34.93	450.8	72.57
14"	584	60.4	149		355.6	425	412.8	20	34.93	514.4	105.69
16"	648	63.5	152		406.4	483	469.9	20	38.10	571.5	133.36
18"	711	66.7	165		457.0	533	533.4	24	38.10	628.6	258.90
20"	775	69.9	168		508.0	587	584.2	24	41.28	685.8	193.00
24"	914	76.2	175		610.0	702	692.2	24	47.63	812.8	281.48
26" SERIE A	972	88.9	194		660.4	727	749	28	47.63	876.3	319.60
26" SERIE B	851	88.9	149		660.4	689	711	28	38.10	781.0	177.90
28" SERIE A	1035	95.3	206		711.2	783	800	28	50.80	939.8	379.20
28" SERIE B	914	95.3	159		711.2	740	762	24	41.28	838.2	218.40
30" SERIE A	1092	101.6	219		762.0	837	857	28	53.98	997.0	436.20
30" SERIE B	972	101.6	170		762.0	794	819	28	41.28	895.4	254.50
32" SERIE A	1149	108,0	232		812.8	889	914	28	53.98	1054.1	503.10
32" SERIE B	1035	108.0	179		812.8	845	873	28	44.45	952.5	300.20
34" SERIE A	1206	111.2	241		863.6	945	965	28	53.98	1104.9	565.00
34" SERIE B	1086	111.2	187		863.6	899	927	32	44.45	1003.3	326.10
36" SERIE A	1270	114.3	251		914.4	1000	1022	32	53.98	1168.4	634.10
36" SERIE B	1156	119.1	200		914.4	952	981	28	47.63	1066.8	403.10
38" SERIE A	1206	123.9	206		965.2	1003	1035	32	47.63	1117.6	434.90
38" SERIE B	1207	123.9	206		965.2	1003	1035	32	47.63	1117.6	434.90
40" SERIE A	1270	130.2	216		1016.0	1054	1092	32	50.80	1174.8	498.90
40" SERIE B	1270	130.2	216		1016.0	1054	1092	32	50.80	1174.8	498.90
42" SERIE A	1321	133.4	224		1066.8	1108	1143	32	50.80	1225.6	541.00
42" SERIE B	1321	133.4	224		1066.8	1108	1143	32	50.80	1225.6	541.00
44" SERIE A	1384	139.7	233		1117.6	1159	1200	32	53.98	1282.7	615.40
44" SERIE B	1384	139.7	233		1117.6	1159	1200	32	53.98	1282.7	615.40
46" SERIE A	1441	146.1	244		1168.4	1213	1257	36	53.98	1339.8	682.50
46" SERIE B	1442	146.1	244		1168.4	1213	1257	36	53.98	1339.8	682.50
48" SERIE A	1511	152.4	257		1219.2	1267	1308	28	60.33	1403.4	804.00
48" SERIE B	1511	152.4	257		1219.2	1267	1308	28	60.33	1403.4	804.00

ASTM/ASME A/SA182 - 600LBS

1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47
SERIE A / SERIE B

WELDING NECK FLANGE
WELDING NECK FLENS
VORSCHWEISSFLANSCH
BRIDE à TALON



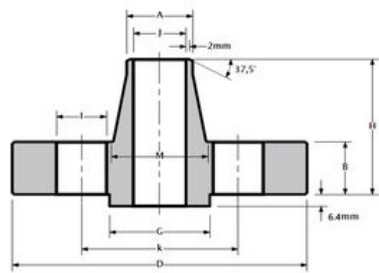
> Weights are approximate

PIPE		FLANGE DATA			HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	95	14.3	52	To be specified by purchaser	21.3	38	34.9	4	15.88	66.7	0.90
¾"	117	15.9	57		26.7	48	42.9	4	19.05	82.6	1.59
1"	124	17.5	62		33.4	54	50.8	4	19.05	88.9	1.90
1 ¼"	133	20.7	67		42.2	64	63.5	4	19.05	98.4	2.49
1 ½"	155	22.3	70		48.3	70	73.0	4	22.23	114.3	3.63
2"	165	25.4	73		60.3	84	92.1	8	19.05	127.0	4.54
2 ½"	190	28.6	79		73.0	100	104.8	8	22.23	149.2	6.35
3"	210	31.8	83		88.9	117	127.0	8	22.23	168.3	8.10
3 ½"	229	35.0	86		101.6	133	139.7	8	25.40	184.2	11.80
4"	273	38.1	102		114.3	152	157.2	8	25.40	215.9	16.78
5"	330	44.5	114		141.3	189	185.7	8	28.58	266.7	30.87
6"	356	47.7	117		168.3	222	215.9	12	28.58	292.1	36.77
8"	419	55.6	133		219.1	273	269.9	12	31.75	349.2	50.80
10"	508	63.5	152		273.0	343	323.8	16	34.93	431.8	86.26
12"	559	66.7	155		323.8	400	381.0	20	34.93	489.0	102.51
14"	603	69.9	165		355.6	432	412.8	20	38.10	527.0	121.56
16"	686	76.2	178		406.4	495	469.9	20	41.28	603.2	177.06
18"	743	82.6	184		457.0	546	533.4	20	44.45	654.0	215.65
20"	813	88.9	190		508.0	610	584.2	24	44.45	723.9	267.86
24"	940	101.6	203		610.0	718	692.2	24	50.80	838.2	372.00
26" SERIE A	1016	108.0	222		660.4	748	749.0	28	50.80	914.4	444.40
26" SERIE B	889	111.2	181		660.4	698	727.0	28	44.45	806.4	259.00
28" SERIE A	1073	111.2	235		711.2	803	800.0	28	53.98	965.2	499.60
28" SERIE B	952	115.9	190		711.2	752	784.0	28	47.63	863.6	303.80
30" SERIE A	1130	114.3	248		762.0	862	857.0	28	53.98	1022.4	567.50
30" SERIE B	1022	125.5	205		762.0	806	841.0	28	50.80	927.1	376.90
32" SERIE A	1194	117.5	260		812.8	918	914.0	28	60.33	1079.5	633.70
32" SERIE B	1086	130.2	216		812.8	860	895.0	28	53.98	984.2	435.10
34" SERIE A	1245	120.7	270		863.6	973	965.0	28	60.33	1130.3	695.80
34" SERIE B	1162	141.3	233		863.6	914	953.0	24	60.33	1054.1	548.60
36" SERIE A	1314	123.9	283		914.4	1032	1022.0	28	66.68	1193.8	789.00
36" SERIE B	1213	146.1	243		914.4	968	1010.0	28	60.33	1104.9	590.20
38" SERIE A	1270	152.4	254		965.2	1022	1054.0	28	60.33	1162.0	667.50
38" SERIE B	1270	152.4	254		965.2	1022	1054.0	28	60.33	1162.0	667.50
40" SERIE A	1321	158.8	264		1016.0	1073	1111.0	32	60.33	1212.8	717.50
40" SERIE B	1321	158.8	264		1016.0	1073	1111.0	32	60.33	1212.8	717.50
42" SERIE A	1403	168.3	279		1066.8	1127	1168.0	28	66.68	1282.7	886.30
42" SERIE B	1403	168.3	279		1066.8	1127	1168.0	28	66.68	1282.7	886.30
44" SERIE A	1454	173.1	289		1117.6	1181	1226.0	32	66.68	1333.5	940.80
44" SERIE B	1454	173.1	289		1117.6	1181	1226.0	32	66.68	1333.5	940.80
46" SERIE A	1511	179.4	300		1168.4	1235	1276.0	32	66.68	1390.6	1044.90
46" SERIE B	1511	179.4	300		1168.4	1235	1276.0	32	66.68	1390.6	1044.90
48" SERIE A	1594	189.0	316		1219.2	1289	1334.0	32	73.03	1460.5	1236.20
48" SERIE B	1594	189.0	316		1219.2	1289	1334.0	32	73.03	1460.5	1236.20

ASTM/ASME A/SA182 - 900LBS

1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47
SERIE A / SERIE B

WELDING NECK FLANGE
WELDING NECK FLENS
VORSCHWEISSFLANSCH
BRIDE à TALON



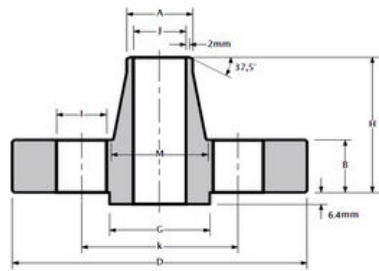
> Weights are approximate
> 1/2" - 2 1/2" = 1500 LBS

PIPE	FLANGE DATA				HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	121	22.3	60	To be specified by purchaser	21.3	38	34.9	4	22.23	82.6	2.10
¾"	130	25.4	70		26.7	44	42.9	4	22.23	88.9	2.72
1"	149	28.6	73		33.4	52	50.8	4	25.40	101.6	3.86
1 ¼"	159	28.6	73		42.2	64	63.5	4	25.40	111.1	4.54
1 ½"	178	31.8	83		48.3	70	73.0	4	28.58	123.8	5.90
2"	216	38.1	102		60.3	105	92.1	8	25.40	165.1	10.89
2 ½"	244	41.3	105		73.0	124	104.8	8	28.58	190.5	16.34
3"	241	38.1	102		88.9	127	127.0	8	25.40	190.5	15.00
4"	292	44.5	114		114.3	159	157.2	8	31.75	235.0	23.13
5"	349	50.8	127		141.3	190	185.7	8	34.93	279.4	38.50
6"	381	55.6	140		168.3	235	215.9	12	31.75	317.5	49.89
8"	470	63.5	162		219.1	298	269.9	12	38.10	393.7	79.45
10"	546	69.9	184		273.0	368	323.8	16	38.10	469.9	118.04
12"	610	79.4	200		323.8	419	381.0	20	38.10	533.4	157.00
14"	641	85.8	213		355.6	451	412.8	20	41.28	558.8	181.60
16"	705	88.9	216		406.4	508	469.9	20	44.45	616.0	224.73
18"	787	101.6	229		457.0	565	533.4	20	50.80	685.8	308.72
20"	857	108.0	248		508.0	622	584.2	20	53.98	749.3	376.82
24"	1041	139.7	292		610.0	749	692.2	20	66.68	901.7	685.00
26" SERIE A	1086	139.7	286		660.4	775	749.0	20	73.03	952.5	686.60
26" SERIE B	1022	135.0	259		660.4	743	762.0	20	66.68	901.7	538.20
28" SERIE A	1168	142.9	298		711.2	832	800.0	20	79.38	1022.4	808.10
28" SERIE B	1105	147.7	276		711.2	797	819.0	20	73.03	971.6	675.20
30" SERIE A	1232	149.3	311		762.0	889	857.0	20	79.38	1085.8	933.40
30" SERIE B	1181	155.6	289		762.0	851	876.0	20	79.38	1035.0	798.60
32" SERIE A	1314	158.8	330		812.8	946	914.0	20	85.73	1155.7	1116.90
32" SERIE B	1238	160.4	303		812.8	908	927.0	20	79.38	1092.2	898.80
34" SERIE A	1397	165.1	349		863.6	1006	965.0	20	92.08	1225.6	1310.40
34" SERIE B	1314	171.5	319		863.6	962	991.0	20	85.73	1155.7	1063.70
36" SERIE A	1460	171.5	362		914.4	1064	1022.0	20	92.08	1289.0	1479.60
36" SERIE B	1346	173.1	325		914.4	1016	1029.0	24	79.38	1200.2	1078.40
38" SERIE A	1460	190.5	352		965.2	1073	1099.0	20	92.08	1289.0	1445.40
38" SERIE B	1460	190.5	352		965.2	1073	1099.0	20	92.08	1289.0	1445.40
40" SERIE A	1511	196.9	364		1016.0	1127	1162.0	24	92.08	1339.8	1529.50
40" SERIE B	1511	196.9	364		1016.0	1127	1162.0	24	92.08	1339.8	1529.50
42" SERIE A	1562	206.4	371		1066.8	1176	1213.0	24	92.08	1390.6	1666.70
42" SERIE B	1562	206.4	371		1066.8	1176	1213.0	24	92.08	1390.6	1666.70
44" SERIE A	1648	214.4	391		1117.6	1235	1270.0	24	98,4	1463.7	1939.20
44" SERIE B	1648	214.4	391		1117.6	1235	1270.0	24	98,4	1463.7	1939.20
46" SERIE A	1734	225.5	411		1168.4	1292	1334.0	24	104.78	1536.7	2265.00
46" SERIE B	1734	225.5	411		1168.4	1292	1334.0	24	104.78	1536.7	2265.00
48" SERIE A	1784	233.4	419		1219.2	1343	1384.0	24	104.78	1587.5	2433.20
48" SERIE B	1784	233.4	419		1219.2	1343	1384.0	24	104.78	1587.5	2433.20

ASTM/ASME A/SA182 - 1500LBS

1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47
SERIE A / SERIE B

WELDING NECK FLANGE
WELDING NECK FLENS
VORSCHWEISSFLANSCH
BRIDE à TALON



> Weights are approximate

PIPE	FLANGE DATA				HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	121	22.3	60	To be specified by purchaser	21.3	38	34.9	4	22.23	82.6	2.10
¾"	130	25.4	70		26.7	44	42.9	4	22.23	88.9	2.72
1"	149	28.6	73		33.4	52	50.8	4	25.40	101.6	3.86
1 ¼"	159	28.6	73		42.2	64	63.5	4	25.40	111.1	4.54
1 ½"	178	31.8	83		48.3	70	73.0	4	28.58	123.8	5.90
2"	216	38.1	102		60.3	105	92.1	8	25.40	165.1	10.89
2 ½"	244	41.3	105		73.0	124	104.8	8	28.58	190.5	16.34
3"	267	47.7	117		88.9	133	127.0	8	31.75	203.2	21.79
4"	311	54.0	124		114.3	162	157.2	8	34.93	241.3	31.30
5"	375	73.1	155		141.3	197	185.7	8	41.28	292.1	59.02
6"	394	82.6	171		168.3	229	215.9	12	38.10	317.5	74.94
8"	483	92.1	213		219.1	292	269.9	12	44.45	393.7	123.83
10"	584	108.0	254		273.0	368	323.8	12	50.80	482.6	205.93
12"	673	123.9	282		323.8	451	381.0	16	53.98	571.5	306.00
14"	749	133.4	298		355.6	495	412.8	16	60.33	635.0	416.00
16"	826	146.1	311		406.4	552	469.9	16	66.68	704.8	567.50
18"	914	162.0	327		457.0	597	533.4	16	73.03	774.7	736.00
20"	984	177.8	356		508.0	641	584.2	16	79.38	831.8	929.00
24"	1168	203.2	406		610.0	762	692.2	16	92.08	990.6	1504.00

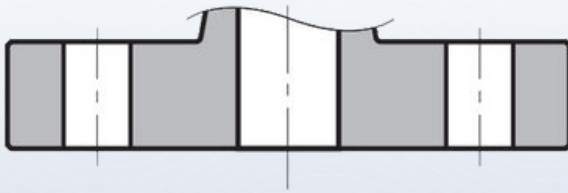
ASTM/ASME A/SA182 - 1500LBS

> Weights are approximate

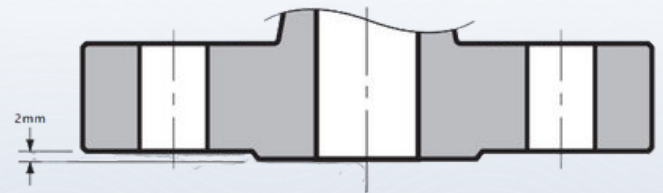
PIPE	FLANGE DATA				HUB DATA		RAISED DATA	DRILLING DATA			WEIGHT
Nominal pipe size	Outside diameter	Thickness min.	Length through hub	Inside diameter	Diameter at weld bevel	Diameter of hub	Face diameter	Number of holes	Bolt hole diameter	Diameter of bolt circle	Kg / piece
NPS	D	B	H	J	A	M	G		I	k	
½"	133	30.2	73	To be specified by purchaser	21.3	43	34.9	4	22.23	88.9	3.18
¾"	140	31.8	79		26.7	51	42.9	4	22.23	95.2	4.08
1"	159	35.0	89		33.4	57	50.8	4	25.40	108.0	5.45
1 ¼"	184	38.1	95		42.2	73	63.5	4	28.58	130.2	9.07
1 ½"	203	44.5	111		48.3	79	73.0	4	31.75	146.0	11.35
2"	235	50.9	127		60.3	95	92.1	8	28.58	171.4	19.07
2 ½"	267	57.2	143		73.0	114	104.8	8	31.75	196.8	23.61
3"	305	66.7	168		88.9	133	127.0	8	34.93	228.6	42.68
4"	356	76.2	190		114.3	165	157.2	8	41.28	273.0	64.00
5"	419	92.1	229		141.3	203	185.7	8	47.63	323.8	110.68
6"	483	108.0	273		168.3	235	215.9	8	53.98	368.3	176.46
8"	552	127.0	318		219.1	305	269.9	12	53.98	438.2	261.27
10"	673	165.1	419		273.0	375	323.8	12	66.68	539.8	484.43
12"	762	184.2	464		323.8	441	381.0	12	73.03	619.1	692.35

FLANGE FACING TYPES

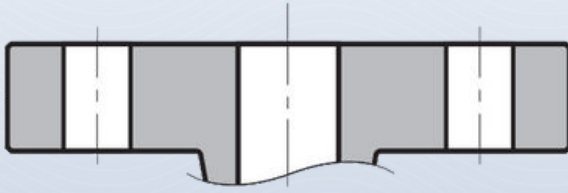
ASTM A182 ASME B16.5



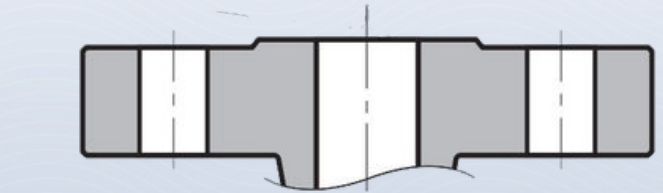
FLAT FACE



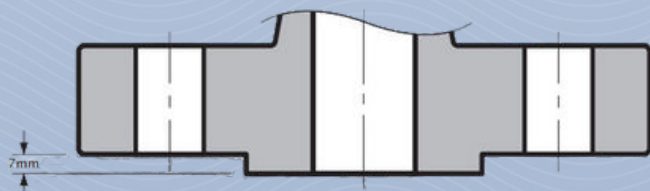
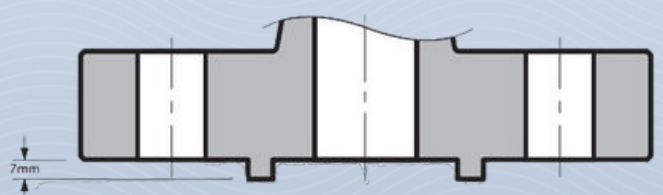
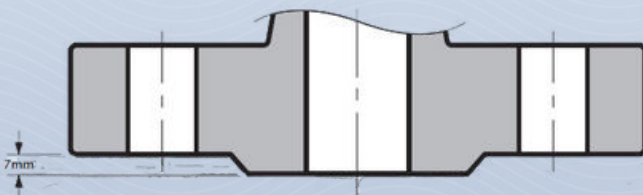
RAISED FACE (150 - 300LBS)



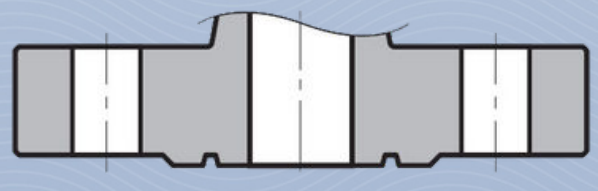
RAISED FACE (400LBS AND UP)



TONGUE AND GROOVE FACE



MALE AND FEMALE FACE



RING TYPE JOINT FACE