



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



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
316/316L (1.4401/1.4404) ■ 316Ti (1.4571)
904L (1.4539) ■ (Super)Duplex ■ Nickel Alloys

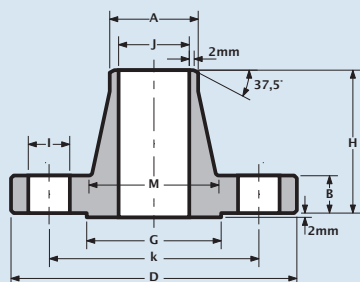
Welding neck flange

Welding neck Flansche

Bride welding neck

Welding neck flens

ASTM/ASME A/SA182 - 150 LBS



Pipe	Flange data			Hub data			Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	90	9.6	46	To be specified by purchaser	21.3	30	34.9	4	15.88	60.3	0.51
3/4"	100	11.2	51		26.7	38	42.9	4	15.88	69.9	0.73
1"	110	12.7	54		33.4	49	50.8	4	15.88	79.4	1.07
1 1/4"	115	14.3	56		42.2	59	63.5	4	15.88	88.9	1.40
1 1/2"	125	15.9	60		48.3	65	73.0	4	15.88	98.4	1.81
2"	150	17.5	62		60.3	78	92.1	4	19.05	120.7	2.59
2 1/2"	180	20.7	68		73.0	90	104.8	4	19.05	139.7	4.28
3"	190	22.3	68		88.9	108	127.0	4	19.05	152.4	5.18
3 1/2"	215	22.3	70		101.6	122	139.7	8	19.05	177.8	5.45
4"	230	22.3	75		114.3	135	157.2	8	19.05	190.5	7.32
5"	255	22.3	87		141.3	164	185.7	8	22.23	215.9	8.91
6"	280	23.9	87		168.3	192	215.9	8	22.23	241.3	11.26
8"	345	27.0	100		219.1	246	269.9	8	22.23	298.5	17.68
10"	405	28.6	100		273.0	305	323.8	12	25.40	362.0	24.79
12"	485	30.2	113		323.8	365	381.0	12	25.40	431.8	38.98
14"	535	33.4	125		355.6	400	412.8	12	28.58	476.3	51.71
16"	595	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"	700	41.3	143		508.0	559	584.2	20	31.75	635.0	89.36
24"	815	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	785	39.8	87		661.9	684	711.0	36	22.23	744.5	63.20
28" SERIE A	925	69.9	124		711.2	727	800.0	28	34.93	863.6	171.36
28" SERIE B	835	43.0	94		712.7	735	762.0	40	22.23	795.3	72.90
30" SERIE A	985	73.1	135		762.0	781	857.0	28	34.93	914.4	200.22
30" SERIE B	885	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	940	44.6	106		814.3	840	864.0	48	22.23	900.1	91.40
34" SERIE A	1110	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	1170	88.9	156		914.4	933	1022.0	32	41.28	1085.8	316.30
36" SERIE B	1055	50.9	116		915.9	945	972.0	44	25.40	1009.6	124.50
38" SERIE A	1240	85.8	156		965.2	991	1073.0	32	41.28	1149.4	352.11
38" SERIE B	1125	52.5	122		968.2	997	1022.0	40	28.58	1070.0	146.30
40" SERIE A	1290	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	1345	95.3	170		1066.8	1092	1194.0	36	41.28	1257.3	435.33
42" SERIE B	1225	57.3	132		1069.8	1102	1130.0	48	28.58	1171.6	175.30
44" SERIE A	1405	100.1	176		1117.6	1143	1245.0	40	41.28	1314.4	484.15
44" SERIE B	1275	58.9	135		1120.6	1153	1181.0	52	28.58	1222.4	187.90
46" SERIE A	1455	101.6	184		1168.4	1197	1295.0	40	41.28	1365.2	518.15
46" SERIE B	1340	60.4	143		1171.4	1205	1235.0	40	31.75	1284.3	220.30
48" SERIE A	1510	106.4	191		1219.2	1248	1359.0	44	41.28	1422.4	572.87
48" SERIE B	1390	63.6	148		1222.2	1257	1289.0	44	31.75	1335.1	239.50

■ Weights are approximate.

Welding neck flange
Welding neck Flansche
Bride welding neck
Welding neck flens

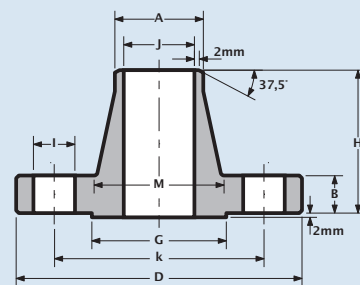


1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47 - Serie A / Serie B



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
316/316L (1.4401/1.4404) ■ 316Ti (1.4571)
904L (1.4539) ■ (Super)Duplex ■ Nickel Alloys

ASTM/ASME A/SA182 - 300 LBS



Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	95	12.7	51		21.3	38	34.9	4	15.88	66.7	0.78
3/4"	115	14.3	56		26.7	48	42.9	4	19.05	82.6	1.34
1"	125	15.9	60		33.4	54	50.8	4	19.05	88.9	1.64
1 1/4"	135	17.5	64		42.2	64	63.5	4	19.05	98.4	2.06
1 1/2"	155	19.1	67		48.3	70	73.0	4	22.23	114.3	3.06
2"	165	20.7	68		60.3	84	92.1	8	19.05	127.0	3.40
2 1/2"	190	23.9	75		73.0	100	104.8	8	22.23	149.2	5.31
3"	210	27.0	78		88.9	117	127.0	8	22.23	168.3	7.32
3 1/2"	230	28.6	79		101.6	133	139.7	8	22.23	184.2	8.17
4"	255	30.2	84		114.3	146	157.2	8	22.23	200.0	11.30
5"	280	33.4	97		141.3	178	185.7	8	22.23	235.0	15.12
6"	320	35.0	97		168.3	206	215.9	12	22.23	269.9	19.68
8"	380	39.7	110		219.1	260	269.9	12	25.40	330.2	30.48
10"	445	46.1	116		273.0	321	323.8	16	28.58	387.4	43.74
12"	520	49.3	129		323.8	375	381.0	16	31.75	450.8	64.41
14"	585	52.4	141		355.6	425	412.8	20	31.75	514.4	88.30
16"	650	55.6	144		406.4	483	469.9	20	34.93	571.5	112.94
18"	710	58.8	157		457.0	533	533.4	24	34.93	628.6	138.34
20"	775	62.0	160		508.0	587	584.2	24	34.93	685.8	167.37
24"	915	68.3	167		610.0	702	692.2	24	41.28	812.8	235.41
26" SERIE A	970	77.8	183	To be specified by purchaser	660.4	721	749.0	28	44.45	876.3	283.40
26" SERIE B	865	87.4	168		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	920	87.4	148		716.0	756	787.0	36	34.93	857.2	202.50
30" SERIE A	1090	90.5	208		762.0	827	857.0	28	47.63	997.0	395.30
30" SERIE B	990	92.1	156		768.4	813	845.0	36	38.10	920.8	246.20
32" SERIE A	1150	96.9	221		812.8	881	914.0	28	50.80	1054.1	455.00
32" SERIE B	1055	101.6	167		819.2	864	902.0	32	41.28	977.9	302.10
34" SERIE A	1205	100.1	230		863.6	937	965.0	28	50.80	1104.9	511.50
34" SERIE B	1110	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	1170	101.6	179		920.8	965	1010.0	32	44.45	1089.0	363.90
38" SERIE A	1170	106.4	179		965.2	994	1029.0	32	41.28	1092.2	318.30
38" SERIE B	1220	109.6	165		971.6	1016	1060.0	36	44.45	1139.8	407.40
40" SERIE A	1240	112.8	192		1016.0	1048	1086.0	32	44.45	1155.7	384.70
40" SERIE B	1275	114.3	197		1022.4	1067	1114.0	40	44.45	1190.6	440.30
42" SERIE A	1290	117.5	198		1066.8	1099	1137.0	32	44.45	1206.5	420.80
42" SERIE B	1335	117.5	203		1074.7	1118	1168.0	36	47.63	1244.6	489.90
44" SERIE A	1355	122.3	205		1117.6	1149	1194.0	32	47.63	1263.6	476.90
44" SERIE B	1385	125.5	213		1125.5	1173	1219.0	40	47.63	1295.4	541.10
46" SERIE A	1415	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	1465	131.8	222		1219.2	1254	1302.0	32	50.80	1371.6	587.40
48" SERIE B	1510	127.0	222		1227.1	1278	1327.0	40	50.80	1416.0	656.80

■ Weights are approximate.



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



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
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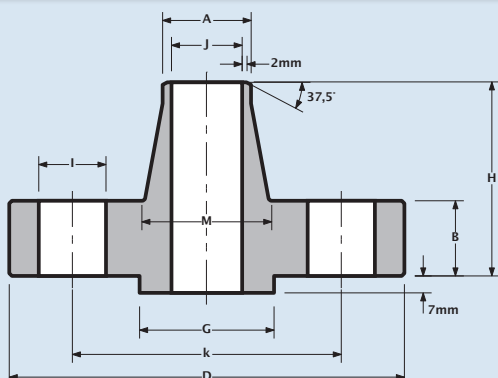
Welding neck flange

Welding neck Flansche

Bride welding neck

Welding neck flens

ASTM/ASME A/SA182 - 400 LBS



Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	95	14.3	52	To be specified by the purchaser	21.3	38	34.9	4	15.88	66.7	0.90
3/4"	115	15.9	57		26.7	48	42.9	4	19.05	82.6	1.59
1"	125	17.5	62		33.4	54	50.8	4	19.05	88.9	1.90
1 1/4"	135	20.7	67		42.2	64	63.5	4	19.05	98.4	2.49
1 1/2"	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 1/2"	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 1/2"	230	35.0	86		101.6	133	139.7	8	25.40	184.2	11.80
4"	255	35.0	89		114.3	146	157.2	8	25.40	200.0	13.61
5"	280	38.1	102		141.3	178	185.7	8	25.40	235.0	17.69
6"	320	41.3	103		168.3	206	215.9	12	25.40	269.9	22.23
8"	380	47.7	117		219.1	260	269.9	12	28.58	330.0	35.38
10"	445	54.0	124		273.0	321	323.8	16	31.75	387.4	49.89
12"	520	57.2	137		323.8	375	381.0	16	34.93	450.8	72.57
14"	585	60.4	149		355.6	425	412.8	20	34.93	514.4	105.69
16"	650	63.5	152		406.4	483	469.9	20	38.10	571.5	133.36
18"	710	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"	915	76.2	175		610.0	702	692.2	24	47.63	812.8	281.48
26" SERIE A	970	88.9	194		660.4	727	749	28	47.63	876.3	319.60
26" SERIE B	850	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	915	95.3	159		711.2	740	762	24	41.28	838.2	218.40
30" SERIE A	1090	101.6	219		762.0	837	857	28	53.98	997.0	436.20
30" SERIE B	970	101.6	170		762.0	794	819	28	41.28	895.4	254.50
32" SERIE A	1150	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	1205	111.2	241		863.6	945	965	28	53.98	1104.9	565.00
34" SERIE B	1085	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	1155	119.1	200		914.4	952	981	28	47.63	1066.8	403.10
38" SERIE A	1205	123.9	206		965.2	1003	1035	32	47.63	1117.6	434.90
38" SERIE B	1205	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	1320	133.4	224		1066.8	1108	1143	32	50.80	1225.6	541.00
42" SERIE B	1320	133.4	224		1066.8	1108	1143	32	50.80	1225.6	541.00
44" SERIE A	1385	139.7	233		1117.6	1159	1200	32	53.98	1282.7	615.40
44" SERIE B	1385	139.7	233		1117.6	1159	1200	32	53.98	1282.7	615.40
46" SERIE A	1440	146.1	244		1168.4	1213	1257	36	53.98	1339.8	682.50
46" SERIE B	1440	146.1	244		1168.4	1213	1257	36	53.98	1339.8	682.50
48" SERIE A	1510	152.4	257		1219.2	1267	1308	28	60.33	1403.4	804.00
48" SERIE B	1510	152.4	257		1219.2	1267	1308	28	60.33	1403.4	804.00

■ Weights are approximate.

1/2" ~ 3 1/2" = 600 LBS

Welding neck flange

Welding neck Flansche

Bride welding neck

Welding neck flens

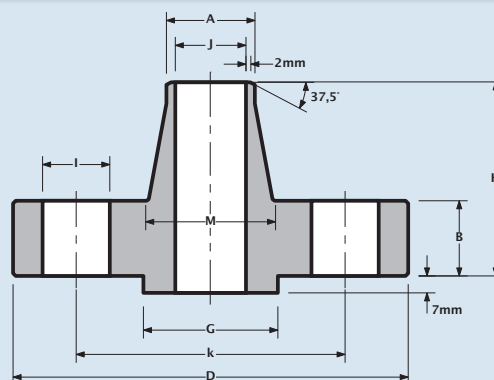


1/2" - 24" = ASME B16.5
26" - 48" = ASME B16.47 - Serie A / Serie B



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
316/316L (1.4401/1.4404) ■ 316Ti (1.4571)
904L (1.4539) ■ (Super)Duplex ■ Nickel Alloys

ASTM/ASME A/SA182 - 600 LBS



Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	95	14.3	52	To be specified by purchaser	21.3	38	34.9	4	15.88	66.7	0.90
3/4"	115	15.9	57		26.7	48	42.9	4	19.05	82.6	1.59
1"	125	17.5	62		33.4	54	50.8	4	19.05	88.9	1.90
1 1/4"	135	20.7	67		42.2	64	63.5	4	19.05	98.4	2.49
1 1/2"	155	22.3	70		48.3	70	73.0	4	22.23	114.3	3.6
2"	165	25.4	73		60.3	84	92.1	8	19.05	127.0	4.54
2 1/2"	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 1/2"	230	35.0	86		101.6	133	139.7	8	25.40	184.2	11.80
4"	275	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"	355	47.7	117		168.3	222	215.9	12	28.58	292.1	36.77
8"	420	55.6	133		219.1	273	269.9	12	31.75	349.2	50.80
10"	510	63.5	152		273.0	343	323.8	16	34.93	431.8	86.26
12"	560	66.7	156		323.8	400	381.0	20	34.93	489.0	102.51
14"	605	69.9	165		355.6	432	412.8	20	38.10	527.0	121.56
16"	685	76.2	178		406.4	495	469.9	20	41.28	603.2	177.06
18"	745	82.6	184		457.0	546	533.4	20	44.45	654.0	215.65
20"	815	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	1015	108.0	222		660.4	748	749.0	28	50.80	914.4	444.40
26" SERIE B	890	111.2	181		660.4	698	727.0	28	44.45	806.4	259.00
28" SERIE A	1075	111.2	235		711.2	803	800.0	28	53.98	965.2	499.60
28" SERIE B	950	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	1020	125.5	205		762.0	806	841.0	28	50.80	927.1	376.90
32" SERIE A	1195	117.5	260		812.8	918	914.0	28	60.33	1079.5	633.70
32" SERIE B	1085	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	1160	141.3	233		863.6	914	953.0	24	60.33	1054.1	548.60
36" SERIE A	1315	123.9	283		914.4	1032	1022.0	28	66.68	1193.8	789.00
36" SERIE B	1215	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	1320	158.8	264	1016.0	1073	1111.0	32	60.33	1212.8	717.50	
40" SERIE B	1320	158.8	264	1016.0	1073	1111.0	32	60.33	1212.8	717.50	
42" SERIE A	1405	168.3	279	1066.8	1127	1168.0	28	66.68	1282.7	886.30	
42" SERIE B	1405	168.3	279	1066.8	1127	1168.0	28	66.68	1282.7	886.30	
44" SERIE A	1455	173.1	289	1117.6	1181	1226.0	32	66.68	1333.5	940.80	
44" SERIE B	1455	173.1	289	1117.6	1181	1226.0	32	66.68	1333.5	940.80	
46" SERIE A	1510	179.4	300	1168.4	1235	1276.0	32	66.68	1390.6	1044.90	
46" SERIE B	1510	179.4	300	1168.4	1235	1276.0	32	66.68	1390.6	1044.90	
48" SERIE A	1595	189.0	316	1219.2	1289	1334.0	32	73.03	1460.5	1236.20	
48" SERIE B	1595	189.0	316	1219.2	1289	1334.0	32	73.03	1460.5	1236.20	

■ Weights are approximate.

■ For flange facing types, see our technical data tab, page 32



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



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
316/316L (1.4401/1.4404) ■ 316Ti (1.4571)
904L (1.4539) ■ (Super)Duplex ■ Nickel Alloys

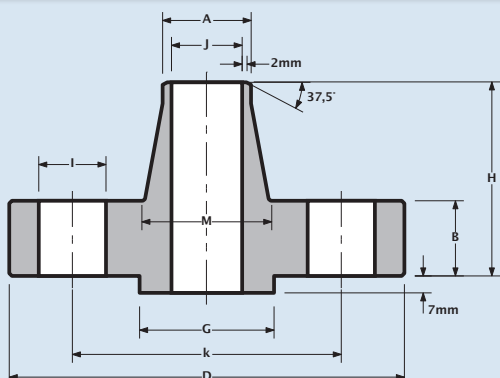
Welding neck flange

Welding neck Flansche

Bride welding neck

Welding neck flens

ASTM/ASME A/SA182 - 900 LBS



Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	120	22.3	60		21.3	38	34.9	4	22.23	82.6	2.10
3/4"	130	25.4	70		26.7	44	42.9	4	22.23	88.9	2.72
1"	150	28.6	73		33.4	52	50.8	4	25.40	101.6	3.86
1 1/4"	160	28.6	73		42.2	64	63.5	4	25.40	111.1	4.54
1 1/2"	180	31.8	83		48.3	70	73.0	4	28.58	123.8	5.90
2"	215	38.1	102		60.3	105	92.1	8	25.40	165.1	10.89
2 1/2"	245	41.3	105		73.0	124	104.8	8	28.58	190.5	16.34
3"	240	38.1	102		88.9	127	127.0	8	25.40	190.5	15.00
4"	290	44.5	114		114.3	159	157.2	8	31.75	235.0	23.13
5"	350	50.8	127		141.3	190	185.7	8	34.93	279.4	38.50
6"	380	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"	545	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"	640	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"	785	101.6	229		457.0	565	533.4	20	50.80	685.8	308.72
20"	855	108.0	248		508.0	622	584.2	20	53.98	749.3	376.82
24"	1040	139.7	292		610.0	749	692.2	20	66.68	901.7	685.00
26" SERIE A	1085	139.7	286	To be specified by purchaser	660.4	775	749.0	20	73.03	952.5	686.60
26" SERIE B	1020	135.0	259		660.4	743	762.0	20	66.68	901.7	538.20
28" SERIE A	1170	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	1230	149.3	311		762.0	889	857.0	20	79.38	1085.8	933.40
30" SERIE B	1180	155.6	289		762.0	851	876.0	20	79.38	1035.0	798.60
32" SERIE A	1315	158.8	330		812.8	946	914.0	20	85.73	1155.7	1116.90
32" SERIE B	1240	160.4	303		812.8	908	927.0	20	79.38	1092.2	898.80
34" SERIE A	1395	165.1	349		863.6	1006	965.0	20	92.08	1225.6	1310.40
34" SERIE B	1315	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	1345	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	1510	196.9	364		1016.0	1127	1162.0	24	92.08	1339.8	1529.50
40" SERIE B	1510	196.9	364		1016.0	1127	1162.0	24	92.08	1339.8	1529.50
42" SERIE A	1560	206.4	371		1066.8	1176	1213.0	24	92.08	1390.6	1666.70
42" SERIE B	1560	206.4	371		1066.8	1176	1213.0	24	92.08	1390.6	1666.70
44" SERIE A	1650	214.4	391		1117.6	1235	1270.0	24	92.08	1463.7	1939.20
44" SERIE B	1650	214.4	391		1117.6	1235	1270.0	24	92.08	1463.7	1939.20
46" SERIE A	1735	225.5	411		1168.4	1292	1334.0	24	104.78	1536.7	2265.00
46" SERIE B	1735	225.5	411		1168.4	1292	1334.0	24	104.78	1536.7	2265.00
48" SERIE A	1785	233.4	419		1219.2	1343	1384.0	24	104.78	1587.5	2433.20
48" SERIE B	1785	233.4	419		1219.2	1343	1384.0	24	104.78	1587.5	2433.20
48" SERIE B	1595	189.0	316		1219.2	1289	1334	32	73.03	1460.5	1217.08

■ Weights are approximate.

1/2" ~ 2 1/2"
= 1500 LBS

Welding neck flange

Welding neck Flansche

Bride welding neck

Welding neck flens

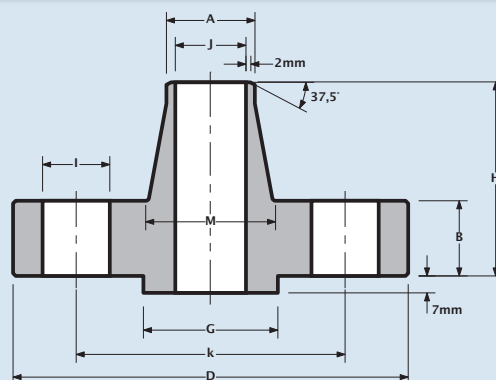


1/2" - 24" = ASME B16.5



304/304L (1.4301/1.4307) ■ 321/321H (1.4541)
316/316L (1.4401/1.4404) ■ 316Ti (1.4571)
904L (1.4539) ■ (Super)Duplex ■ Nickel Alloys

ASTM/ASME A/SA182 - 1500 LBS



Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	120	22.3	60	To be specified by purchaser	21.3	38	34.9	4	22.23	82.6	2.10
3/4"	130	25.4	70		26.7	44	42.9	4	22.23	88.9	2.72
1"	150	28.6	73		33.4	52	50.8	4	25.40	101.6	3.86
1 1/4"	160	28.6	73		42.2	64	63.5	4	25.40	111.1	4.54
1 1/2"	180	31.8	83		48.3	70	73.0	4	28.58	123.8	5.90
2"	215	38.1	102		60.3	105	92.1	8	25.40	165.1	10.89
2 1/2"	245	41.3	105		73.0	124	104.8	8	28.58	190.5	16.34
3"	265	47.7	117		88.9	133	127.0	8	31.75	203.2	21.79
4"	310	54.0	124		114.3	162	157.2	8	34.93	241.3	31.30
5"	375	73.1	156		141.3	197	185.7	8	41.28	292.1	59.02
6"	395	82.6	171		168.3	229	215.9	12	38.10	317.5	74.94
8"	485	92.1	213		219.1	292	269.9	12	44.45	393.7	123.83
10"	585	108.0	254		273.0	368	323.8	12	50.80	482.6	205.93
12"	675	123.9	283		323.8	451	381.0	16	53.98	571.5	306.00
14"	750	133.4	298		355.6	495	412.8	16	60.33	635.0	416.00
16"	825	146.1	311		406.4	552	469.9	16	66.68	704.8	567.50
18"	915	162.0	327		457.0	597	533.4	16	73.03	774.7	736.00
20"	985	177.8	356		508.0	641	584.2	16	79.38	831.8	929.00
24"	1170	203.2	406		610.0	762	692.2	16	92.08	990.6	1504.00

■ Weights are approximate.

ASTM/ASME A/SA182 - 2500 LBS

Pipe	Flange data				Hub data		Raised face	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	
NPS	D	B	H	J	A	M	G		I	k	kg/pc
1/2"	135	30.2	73	To be specified by purchaser	21.3	43	34.9	4	22.23	88.9	3.18
3/4"	140	31.8	79		26.7	51	42.9	4	22.23	95.2	4.08
1"	160	35.0	89		33.4	57	50.8	4	25.40	108.0	5.45
1 1/4"	185	38.1	95		42.2	73	63.5	4	28.58	130.2	9.07
1 1/2"	205	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 1/2"	265	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"	355	76.2	190		114.3	165	157.2	8	41.28	273.0	64.00
5"	420	92.1	229		141.3	203	185.7	8	47.63	323.8	110.68
6"	485	108.0	273		168.3	235	215.9	8	53.98	368.3	176.46
8"	550	127.0	318		219.1	305	269.9	12	53.98	438.2	261.27
10"	675	165.1	419		273.0	375	323.8	12	66.68	539.8	484.43
12"	760	184.2	464		323.8	441	381.0	12	73.03	619.1	692.35

■ Weights are approximate.