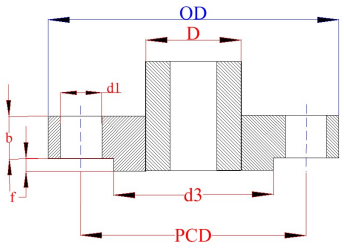

FLANGE TABLES

450 mm Nominal Bore (18") - Pipe OD 457.2mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	595.0	30.0	520.0	4.0	16	22.0	M20	550.0	
	10/3	615.0	36.0	532.0	4.0	20	26.0	M24	565.0	
	16/3	640.0	40.0	550.0	4.0	20	30.0	M27	585.0	
	25/3	670.0	52.0	555.0	4.0	20	36.0	M33	600.0	
	40/3	685.0	68.0	560.0	4.0	20	39.0	M36	610.0	
SABS 1123	600/3	595.0	25.0	520.0	4.0	16	22.0	M20	550.0	
	1000/3	615.0	30.0	532.0	4.0	20	36.0	M24	565.0	
	1600/3	640.0	40.0	550.0	4.0	20	36.0	M24	585.0	
	2500/3	670.0	45.0	555.0	4.0	20	33.0	M30	600.0	
	4000/3	685.0	60.0	575.0	4.0	20	39.0	M36	610.0	
BS 10	D	641.4	25.4			12	25.4	22.2	584.2	30.8
	E	641.4	34.9			16	25.4	22.2	584.2	42.9
	F	673.1	44.5			20	31.8	28.6	609.9	64.7
ASME B16.5	150	635.0	39.7	533.4	1.6	16	31.7	1 1/8"	577.8	49.0
	300	711.2	60.3	533.4	1.6	24	34.9	1 1/4"	628.6	
	600	742.9	88.9	533.4	6.4	20	44.4	1 5/8"	654.0	

500 mm Nominal Bore (20") - Pipe OD 508mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	645.0	30.0	570.0	4.0	20	22.0	M20	600.0	25.5
	10/3	670.0	38.0	585.0	4.0	20	26.0	M24	620.0	39.0
	16/3	715.0	44.0	610.0	4.0	20	33.0	M30	650.0	60.0
	25/3	730.0	58.0	615.0	4.0	20	36.0	M33	660.0	86.0
	40/3	755.0	72.0	615.0	4.0	20	42.0	M39	670.0	120.0
SABS 1123	600/3	645.0	25.0	570.0	4.0	20	22.0	M20	600.0	21.3
	1000/3	670.0	32.0	585.0	4.0	20	26.0	M24	620.0	32.8
	1600/3	715.0	40.0	610.0	4.0	20	33.0	M30	650.0	54.6
	2500/3	730.0	50.0	615.0	4.0	20	33.0	M30	660.0	74.1
	4000/3	755.0	70.0	615.0	4.0	20	39.0	M36	670.0	116.7
BS 10	D	704.9	28.6			16	25.4	22.2	641.4	41.1
	E	704.9	38.1			16	25.4	22.2	641.4	55.8
	F	736.6	50.8			24	31.7	28.6	673.1	87.1
ASME B16.5	150	698.5	42.9	584.2	1.6	20	31.7	1 1/8"	635.0	61.9
	300	774.7	63.5	584.2	1.6	24	34.9	1 1/4"	685.8	
	600	812.8	95.2	584.2	6.4	24	44.4	1 5/8"	723.9	

600 mm Nominal Bore (24") - Pipe OD 609.6mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	755.0	32.0	670.0	5.0	20	26.0	M24	705.0	33.0
	10/3	780.0	42.0	685.0	5.0	20	30.0	M27	725.0	53.0
	16/3	840.0	52.0	725.0	5.0	20	36.0	M33	770.0	94.0
	25/3	845.0	66.0	720.0	5.0	20	39.0	M36	770.0	120.0
	40/3									
SABS 1123	600/3	755.0	30.0	670.0	5.0	20	M24	M24	705.0	30.9
	1000/3	780.0	38.0	685.0	5.0	20	M24	M24	725.0	48.0
	1600/3	840.0	50.0	725.0	5.0	20	M30	M30	770.0	90.4
	2500/3	845.0	60.0	720.0	5.0	20	M36	M36	770.0	109.1
	4000/3									
BS 10	D	825.5	31.8			16	25.4	25.4	755.7	60.3
	E	825.5	47.6			16	28.6	28.6	755.7	89.3
	F	850.9	57.2			24	31.8	31.8	781.1	122.8
ASME B16.5	150	812.8	47.6	692.1	1.6	20	34.9	1 1/4"	749.3	86.9
	300	914.4	69.8	692.1	1.6	24	41.3	1 1/2"	812.8	
	600	939.8	107.9	692.1	6.4	24	50.8	1 7/8"	838.2	

700 mm Nominal Bore (28") - Pipe OD 711.2mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	860.0	34.0	775.0	5.0	24	26.0	M24	810.0	42.0
	10/3	895.0	46.0	800.0	5.0	24	30.0	M27	840.0	73.0
	16/3	910.0	58.0	795.0	5.0	24	36.0	M33	840.0	99.0
	25/3									
	40/3									
SABS 1123	600/3	860.0	35.0	775.0	5.0	24	26.0	M24	810.0	43.3
	1000/3	895.0	45.0	800.0	5.0	24	26.0	M24	840.0	71.4
	1600/3	910.0	55.0	795.0	5.0	24	33.0	M30	840.0	93.9
	2500/3									
	4000/3									
BS 10	D	908.1	34.9			20	28.6	25.4	844.6	
	E	908.1	50.8			20	31.8	28.6	844.6	
	F									
ASME B16.5	150	927.1	71.4	800.1	1.6	28	34.9	1 1/4"	863.6	
	300	1035.0	85.7	800.1	1.6	28	44.4	1 5/8"	939.8	
	600	1073.1	117.6	800.1	6.4	28	54.0	2"	965.2	

800 mm Nominal Bore (32") - Pipe OD 812.8mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	975.0	38.0	880.0	5.0	24	30.0	M27	920.0	58.0
	10/3	1015.0	52.0	905.0	5.0	24	33.0	M30	950.0	105.0
	16/3	1025.0	64.0	900.0	5.0	24	39.0	M36	950.0	135.0
	25/3									
	40/3									
SABS 1123	600/3	975.0	38.0	880.0	5.0	24	26.0	M24	920.0	58.0
	1000/3	1015.0	50.0	905.0	5.0	24	33.0	M30	950.0	101.0
	1600/3	1025.0	65.0	900.0	5.0	24	39.0	M36	950.0	137.1
	2500/3									
	4000/3									
BS 10	D	997.0				20	33.0	M30	927.0	
	E	997.0				20	33.0	M30	927.0	
	F									
ASME B16.5	150	1060.4	80.9	914.4	1.6	28	41.3	1 1/2"	977.9	
	300	149.3	98.4	914.4	1.6	28	50.8	1 7/8"	1054.1	
	600	1193.8	123.8	914.4	6.4	28	60.3		1079.5	

900 mm Nominal Bore (36") - Pipe OD 914.4mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	1075.0	42.0	980.0	5.0	24	30.0	M27	1020.0	72.0
	10/3	1115.0	56.0	1005.0	5.0	28	33.0	M30	1050.0	125.0
	16/3	1125.0	72.0	1000.0	5.0	28	39.0	M36	1050.0	165.0
	25/3									
	40/3									
SABS 1123	600/3	1075.0	40.0	980.0	5.0	24	26.0	M24	1020.0	68.6
	1000/3	1115.0	55.0	1005.0	5.0	28	33.0	M30	1050.0	122.8
	1600/3	1125.0	70.0	1000.0	5.0	28	39.0	M36	1050.0	160.4
	2500/3									
	4000/3									
BS 10	D	1174.7	47.6			24	35.0	31.8	1092.2	156.3
	E	1174.7	63.5			24	35.0	31.8	1092.2	203.1
	F									
ASME B16.5	150	168.4	90.5	1022.3	1.6	32	41.3	1 1/2"	1085.8	
	300	1270.0	104.8	1022.3	1.6	32	54.0	2"	1168.4	
	600	1314.4	130.4	1022.3	6.4	28	60.3		1162.0	

1000 mm Nominal Bore (40") - Pipe OD 1016mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	1175.0	46.0	1080.0	5.0	28	30.0	M27	1120.0	86.0
	10/3	1230.0	62.0	1110.0	5.0	28	36.0	M33	1160.0	160.0
	16/3	1255.0	78.0	1115.0	5.0	28	42.0	M39	1170.0	230.0
	25/3									
	40/3									
SABS 1123	600/3	1175.0	45.0	1080.0	5.0	28	26.0	M24	1120.0	84.1
	1000/3	1230.0	60.0	1110.0	5.0	28	33.0	M30	1160.0	154.8
	1600/3	1255.0	75.0	1115.0	5.0	28	39.0	M36	1170.0	221.2
	2500/3									
	4000/3									
BS 10	D	1257.3	50.8			24	35.0	31.8	1174.7	167.0
	E	1257.3	66.7			24	38.1	34.9	1174.7	214.0
	F									
ASME B16.5	150	1289.1	90.5	1123.9	1.6	36	41.3	1 1/2"	1200.1	
	300	1238.3	114.3	1085.8	1.6	32	44.4	1 5/8"	1155.7	
	600	1320.8	165.2	1111.2	6.4	32	60.3		1212.8	

1200 mm Nominal Bore (44") - Pipe OD 1220mm

Standard	Class/ Table	Flange OD	Flange Thickness (B)	Raised Face Dia. (d3)	Raised Face Height	No. Holes	Hole Dia (d1)	Bolt Size	PCD	Mass Kg
BS 4504	6/3	1405.0	56.0	1295.0	5.0	32	33.0	M30	1340.0	145.0
	10/3	1455.0	74.0	1330.0	5.0	32	39.0	M36	1380.0	255.0
	16/3	1485.0	94.0	1330.0	5.0	32	48.0	M45	1390.0	360.0
	25/3									
	40/3									
SABS 1123	600/3	1405.0	55.0	1295.0	5.0	32	33.0	M30	1340.0	142.4
	1000/3	1455.0	70.0	1330.0	5.0	32	39.0	M36	1380.0	241.2
	1600/3	1485.0	85.0	1330.0	5.0	32	45.0	M42	1390.0	325.5
	2500/3									
	4000/3									
BS 10	D	1492.2	60.3			32	35.0	31.8	1409.7	250.0
	E	1492.2	79.4			32	38.1	34.9	1409.7	321.4
	F									
ASME B16.5	150	1403.4	101.6	1244.6	1.6	40	41.3	1 1/2"	1314.4	
	300	1352.6	123.9	1193.8	1.6	32	47.6	1 3/4"	1263.6	
	600	1454.2	179.4	1225.5	6.4	32	66.7		1333.5	