

Flange Tables – BS10. ANSI 150/300

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Nominal Bore mm	BS10 Table D				BS10 Table E				BS10 Table F				BS10 Table H				BS1560 Asa 150				BS1560 Asa 300										
	Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions		Flange Dimensions										
	Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts	Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts	Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts	Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts	Dia. in	Thick in	PCD in	No. of Holes							
15	1/2	3/16	2.5/8	4	M12.25	3.3/4	1/4	2.5/8	4	M12.30	3.3/4	3/8	2.5/8	4	M12.40	4.1/2	1/2	3.1/4	4	M16.50	3.1/2	7/16	2.3/8	4	M12.50	3.3/4	9/16	2.5/8	4	M12.50	
20	3/4	4	3/16	2.7/8	4	M12.25	4	1/4	2.7/8	4	M12.30	4	3/8	2.7/8	4	M12.40	4.1/2	1/2	3.1/4	4	M16.50	3.7/8	1/2	2.3/4	4	M12.50	4.5/8	5/8	3.1/4	4	M16.65
25	1	4.1/2	3/16	3.1/4	4	M12.25	4.1/2	9/32	3.1/4	4	M12.30	4.3/4	3/8	3.7/16	4	M16.45	4.3/4	9/16	3.7/16	4	M16.50	4.1/4	9/16	3.1/8	4	M12.50	4.7/8	11/16	3.1/2	4	M16.65
32	1.1/4	4.3/4	1/4	3.7/16	4	M12.30	4.3/4	5/16	3.7/16	4	M12.40	5.1/4	1/2	3.7/8	4	M16.45	5.1/4	11/16	3.7/8	4	M16.55	4.5/8	5/8	3.1/2	4	M12.55	5.1/4	3/4	3.7/8	4	M16.70
40	1.1/2	5.1/4	1/4	3.7/8	4	M12.30	5.1/4	11/32	3.7/8	4	M12.40	5.1/2	1/2	4.1/8	4	M16.50	5.1/2	11/16	4.1/8	4	M16.55	5	11/16	2.7/8	4	M12.55	6.1/8	13/16	4.1/2	4	M16.75
50	2	6	5/16	4.1/2	4	M16.40	6	3/8	4.1/2	4	M16.45	6.1/2	5/8	5	4	M16.55	6.1/2	3/4	5	4	M16.55	6	3/4	4.3/4	4	M16.70	6.1/2	7/8	5	8	M20.75
65	2.1/2	6.1/2	5/16	5	4	M16.40	6.1/2	13/32	5	4	M16.45	7.1/4	5/8	5.3/4	8	M16.55	7.1/4	3/4	5.3/4	8	M16.55	7	7/8	5.1/2	4	M16.75	7.1/2	1	5.7/8	8	M20.80
80	3	7.1/4	3/8	5.3/4	4	M16.45	7.1/4	7/16	5.3/4	4	M16.45	8	5/8	6.1/2	8	M16.55	8	7/8	6.1/2	8	M16.70	7.1/2	15/16	6	4	M16.75	8.1/4	1.1/8	6.5/8	8	M20.90
100	4	8.1/2	3/8	7	4	M16.45	8.1/2	1/2	7	8	M16.50	9	3/4	7.1/2	8	M16.65	9	1	7.1/2	8	M16.75	9	15/16	7.1/2	8	M16.75	10	1.1/4	7.7/8	8	M20.95
125	5	10	1/2	8.1/4	8	M16.50	10	9/16	8.1/4	8	M16.50	11	7/8	9.1/4	8	M20.70	11	1.1/8	9.1/4	8	M20.80	10	15/16	8.1/22	8	M20.80	11	1.3/8	9.1/4	8	M20.100
150	6	11	1/2	9.1/4	8	M16.50	11	11/16	9.1/4	8	M20.65	12	7/8	10.1/4	12	M20.70	12	1.1/8	10.1/4	12	M20.80	11	1	9.1/2	8	M20.80	12.1/2	1.7/16	10.5/8	12	M20.105
175	7	12	1/2	10.1/4	8	M16.50	12	3/4	10.1/4	8	M20.65	13.1/4	7/8	11.1/2	12	M20.70	13.1/4	1.1/4	11.1/2	12	M20.90	-	-	-	-	-	-	-	-	-	-
200	8	13.1/4	1/2	11.1/2	8	M16.50	13.3/4	3/4	11.1/2	8	M20.65	14.1/2	1	12.3/4	12	M20.75	14.1/2	1.1/4	12.3/8	12	M20.90	13.1/2	1.1/8	11.3/4	8	M20.90	15	1.5/8	13	12	M22.105
225	9	14.1/2	5/8	12.3/4	8	M16.55	14.1/2	13/16	12.3/4	12	M20.70	16	1.1/8	14	12	M22.80	16	1.3/8	14	12	M22.100	-	-	-	-	-	-	-	-	-	-
250	10	16	5/8	14	8	M20.55	16	7/8	14	12	M20.70	17	1.1/8	15	12	M22.80	17	1.3/8	15	12	M22.100	16	1.3/16	14.1/4	12	M22.95	17.1/2	1.7/8	15.1/4	16	M24.120
300	12	18	3/4	16	12	M20.65	18	1	16	12	M22.80	19.1/4	1.1/4	17.1/4	16	M22.90	19.1/4	1.5/8	17.1/4	16	M22.105	19	1.1/4	17	12	M22.100	20.1/2	2	17.3/4	16	M28.130
350	14	20.3/4	7/8	18.1/2	12	M22.70	20.3/4	1.1/8	18.1/2	12	M22.80	21.3/4	1.3/8	19.1/2	16	M24.100	21.3/4	1.7/8	19.1/2	16	M24.120	21	1.3/8	18.3/4	12	M24.105	23	2.1/8	20.1/4	20	M28.140
375	15	21.3/4	7/8	19.1/2	12	M22.70	21.3/4	1.1/4	19.1/2	12	M22.90	22.3/4	1.1/2	20.1/2	16	M24.105	22.3/4	2	20.1/2	16	M24.130	-	-	-	-	-	-	-	-	-	-
400	16	22.3/4	7/8	20.1/2	12	M22.70	22.3/4	1.1/4	20.1/2	12	M22.90	24	1.5/8	21.3/4	20	M24.110	24	2.1/8	21.3/4	20	M24.140	23.1/2	1.7/16	21.1/4	16	M24.105	25.1/2	2.1/4	22.1/2	20	M30.150
450	18	25.1/4	1	23	12	M22.75	25.1/4	13/8	23	16	M22.100	26.1/2	1.3/4	24	20	M28.120	26.1/2	2.3/8	24	20	M28.150	25	1.9/16	22.3/4	16	M28.110	28	2.3/8	24.3/4	24	M30.150
500	20	27.3/4	1.1/8	25.1/4	16	M22.80	27.3/4	1.1/2	25.1/4	16	M22.105	29	1	26.1/2	24	M28.130	29	2.5/8	26.1/2	24	M28.170	27.1/2	1.11/16	25	20	M28.120	30.1/2	2.1/2	27	24	M30.160
600	24	32.1/2	1.1/4	29.3/4	16	M24.90	32.1/2	1.7/8	29.3/4	16	M28.120	33.1/2	2.1/4	30.3/4	24	M30.150	33.1/2	3	30.3/4	24	M30.200	32	1.7/8	29.1/2	20	M30.120	36	2.3/4	32	24	M38.180

Flange table – Metric BS4504

Flange table – Metric BS4504

Nominal Bore mm in	BS4504 Table 6						BS4504 Table 10						BS4504 Table 16						BS4504 Table 25						BS4504 Table 40						BS4504 Table 64					
	Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions			Flange Dimensions					
	Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts		Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts		Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts		Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts		Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts		Dia. in	Thick in	PCD in	No. of Holes	Diameter & Length of Bolts	
1/2	15	80	12	55	4	M10.45	95	14	65	4	M12.50	95	14	65	4	M12.50	95	16	65	4	M12.55	95	16	65	4	M12.55	105	20	75	4	M12.70					
3/4	20	90	14	65	4	M10.50	105	16	75	4	M12.55	105	16	75	4	M12.55	105	18	75	4	M12.55	105	18	75	4	M12.65	130	22	90	4	M16.70					
1	25	100	14	75	4	M10.50	115	16	85	4	M12.55	115	16	85	4	M12.55	115	18	85	4	M12.65	115	18	85	4	M12.65	140	24	100	4	M16.75					
1.1/4	32	120	16	90	4	M12.55	140	16	100	4	M16.55	140	16	100	4	M16.55	140	18	100	4	M16.65	140	18	100	4	M16.65	155	24	110	4	M20.75					
1.1/2	40	130	16	100	4	M12.55	150	16	110	4	M16.55	150	16	110	4	M16.55	150	20	110	4	M16.70	150	20	110	4	M16.70	170	26	125	4	M20.80					
2	50	140	16	110	4	M12.55	165	18	125	4	M16.65	165	18	125	4	M16.65	165	20	125	4	M16.70	165	20	125	4	M16.70	180	26	135	4	M20.80					
2.1/2	65	160	16	130	4	M12.55	185	18	145	4	M16.65	185	18	145	4	M16.65	185	22	145	8	M16.70	185	22	145	8	M16.70	205	26	160	8	M20.80					
3	80	190	18	150	4	M16.65	200	20	160	8	M16.70	200	20	160	8	M16.70	200	24	160	8	M16.75	200	24	160	8	M16.75	215	30	170	8	M20.90					
4	100	210	18	170	4	M16.65	220	20	180	8	M16.70	220	20	180	8	M16.70	220	26	190	8	M20.80	235	26	190	8	M20.80	250	32	200	8	M24.90					
5	125	240	20	200	8	M16.70	250	22	210	8	M20.70	250	22	210	8	M20.70	250	28	220	8	M24.80	270	28	220	8	M24.80	295	34	240	8	M27.100					
6	150	265	20	225	8	M16.70	285	22	240	8	M20.70	285	22	240	8	M20.70	285	30	250	8	M24.80	300	30	250	8	M24.80	345	36	280	8	M30.105					
7	175	-	-	-	-	-	315	24	270	8	M20.75	315	24	270	8	M20.75	315	30	280	12	M24.80	350	32	295	12	M27.90	375	40	310	12	M30.120					
8	200	320	22	280	8	M16.70	340	24	295	8	M20.75	340	24	295	12	M20.75	360	30	310	12	M24.90	375	34	320	12	M27.90	415	46	345	12	M33.130					
10	250	375	24	335	12	M16.70	395	26	350	12	M20.80	405	26	355	12	M24.80	425	38	370	12	M24.90	450	42	385	12	M30.120	470	54	400	12	M33.150					
12	300	440	24	395	12	M20.70	445	26	400	12	M20.80	460	28	410	12	M24.80	485	40	430	16	M27.110	515	50	450	16	M30.140	530	62	460	16	M33.160					
14	350	490	26	445	12	M20.80	505	28	460	16	M20.80	520	32	470	16	M24.90	555	42	490	16	M30.125	580	56	510	16	M33.150	600	72	525	16	M37.180					
16	400	540	28	495	16	M20.80	565	32	515	16	M24.90	580	36	525	16	M27.100	620	46	550	16	M33.140	660	64	585	16	M36.160	670	78	585	16	M39.200					
18	450	595	30	550	16	M20.90	615	36	565	20	M24.105	640	40	585	20	M27.120	670	52	600	20	M33.140	685	68	610	20	M36.170	-	-	-	-	-					
20	500	645	30	600	20	M20.90	670	38	620	20	M24.105	715	44	650	20	M30.125	730	58	660	20	M33.155	755	72	670	20	M39.180	-	-	-	-	-					
24	600	755	32	705	20	M24.90	780	42	725	20	M27.120	840	52	770	20	M33.140	845	66	770	20	M36.165	-	-	-	-	-	-	-	-	-	-					