



FLANGE CHARTS

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EN1092-1 (BS4504) PN6

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	80	12	M10 x 45	4	55
20	90	14	M10 x 45	4	65
25	100	14	M10 x 45	4	75
32	120	14	M12 x 55	4	90
40	130	14	M12 x 55	4	100
50*	140	14	M12 x 55	4	110
65*	160	14	M12 x 55	4	130
80*	190	16	M16 x 60	4	150
100*	210	16	M16 x 60	4	170
125*	240	18	M16 x 65	8	200
150*	265	18	M16 x 65	8	225
200*	320	20	M16 x 70	8	280
250	375	22	M16 x 75	12	335
300	440	22	M20 x 75	12	395

* CORE Flange Packs available

EN1092-1 (BS4504) PN10

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	14	M12 x 55	4	65
20	105	16	M12 x 55	4	75
25	115	16	M12 x 55	4	85
32	140	16	M16 x 60	4	100
40	150	16	M16 x 60	4	110
50	165	18	M16 x 65	4	125
65	185	18	M16 x 65	4	145
80	200	20	M16 x 70	8	160
100	220	20	M16 x 70	8	180
125	250	22	M16 x 70	8	210
150	285	22	M20 x 70	8	240
200	340	24	M20 x 80	8	295
250	395	26	M20 x 80	12	350
300	445	26	M20 x 80	12	400

EN1092-1 (BS4504) PN16

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	14	M12 x 55	4	65
20	105	16	M12 x 55	4	75
25	115	16	M12 x 55	4	85
32	140	16	M16 x 60	4	100
40	150	16	M16 x 60	4	110
50*	165	18	M16 x 65	4	125
65*	185	18	M16 x 65	4	145
80*	200	20	M16 x 70	8	160
100*	220	20	M16 x 70	8	180
125*	250	22	M16 x 70	8	210
150*	285	22	M20 x 70	8	240
200*	340	24	M20 x 80	12	295
250	405	26	M24 x 90	12	355
300	460	28	M24 x 90	12	410

* CORE Flange Packs available

EN1092-1 (BS4504) PN25

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	16	M12 x 55	4	65
20	105	18	M12 x 60	4	75
25	115	18	M12 x 60	4	85
32	140	18	M16 x 65	4	100
40	150	18	M16 x 65	4	110
50	165	20	M16 x 70	4	125
65	185	22	M16 x 75	8	145
80	200	24	M16 x 80	8	160
100	235	24	M20 x 80	8	190
125	270	26	M24 x 85	8	220
150	300	28	M24 x 90	8	250
200	360	32	M24 x 100	12	310
250	425	40	M27 x 120	12	370
300	485	48	M27 x 140	16	430

EN1092-1 (BS4504) PN40

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	14	M12 x 55	4	65
20	105	18	M12 x 60	4	75
25	115	18	M12 x 60	4	85
32	140	18	M16 x 65	4	100
40	150	18	M16 x 65	4	110
50	165	20	M16 x 70	4	125
65	185	22	M16 x 75	8	145
80	200	24	M16 x 80	8	160
100	235	24	M20 x 80	8	190
125	270	26	M24 x 85	8	220
150	300	28	M24 x 90	8	250
200	375	32	M27 x 100	12	320
250	450	40	M30 x 120	12	385
300	515	48	M30 x 140	16	450

EN1092-1 (BS4504) PN64

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	105	20	M12 x 65	4	75
20	130	22	M16 x 75	4	90
25	140	24	M16 x 80	4	100
32	155	24	M20 x 80	4	110
40	170	26	M20 x 85	4	125
50	180	26	M20 x 85	4	135
65	205	26	M20 x 85	8	160
80	215	30	M20 x 90	8	170
100	250	32	M24 x 95	8	200
125	295	34	M27 x 110	8	240
150	345	36	M30 x 120	8	280
200	415	46	M33 x 130	12	345
250	470	54	M33 x 140	12	400
300	530	62	M33 x 160	16	460

BS10 TABLE D

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	5	M12 x 40	4	67
20	102	5	M12 x 40	4	73
25	114	5	M12 x 40	4	83
32	121	6	M12 x 40	4	87
40	133	6	M12 x 40	4	98
50	152	8	M16 x 45	4	114
65	165	8	M16 x 45	4	127
80	184	10	M16 x 50	4	146
100	216	10	M16 x 50	4	178
125	254	13	M16 x 55	8	210
150	279	13	M16 x 55	8	235
200	337	13	M16 x 55	8	292
250	406	16	M20 x 60	8	356
300	457	20	M20 x 65	12	406

BS10 TABLE E

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	6	M12 x 40	4	67
20	102	6	M12 x 40	4	73
25	114	7	M12 x 40	4	83
32	121	8	M12 x 40	4	87
40	133	9	M12 x 45	4	98
50	152	10	M16 x 50	4	114
65	165	10	M16 x 50	4	127
80	184	11	M16 x 50	4	146
100	216	13	M16 x 55	8	178
125	254	14	M16 x 60	8	210
150	279	18	M20 x 65	8	235
200	337	19	M20 x 70	8	292
250	406	22	M20 x 75	12	356
300	457	25	M22 x 80	12	406

BS10 TABLE F

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	10	M12 x 45	4	67
20	102	10	M12 x 45	4	73
25	121	10	M16 x 50	4	87
32	133	13	M16 x 55	4	98
40	140	13	M16 x 55	4	105
50	165	16	M16 x 60	4	127
65	184	16	M16 x 60	8	146
80	203	16	M16 x 60	8	165
100	229	19	M16 x 70	8	191
125	279	22	M20 x 75	8	235
150	305	22	M20 x 75	12	260
200	368	25	M20 x 80	12	324
250	432	29	M22 x 90	12	381
300	489	32	M22 x 100	16	438

BS10 TABLE H

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	114	13	M16 x 55	4	83
20	114	13	M16 x 55	4	83
25	121	14	M16 x 60	4	87
32	133	18	M16 x 65	4	98
40	140	18	M16 x 65	4	105
50	165	19	M16 x 70	4	127
65	184	19	M16 x 70	8	146
80	203	22	M16 x 75	8	165
100	229	25	M20 x 80	8	191
125	279	29	M20 x 90	8	235
150	305	29	M20 x 90	12	260
200	368	32	M20 x 90	12	324
250	432	35	M22 x 100	12	381
300	489	41	M22 x 110	16	438

ANSI B16.5 (BS1560) ASA150

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	89	11	M12 x 45	4	60
20	95	13	M12 x 50	4	70
25	108	14	M12 x 50	4	79
32	117	16	M12 x 55	4	89
40	127	17	M12 x 60	4	98
50	152	19	M16 x 70	4	121
65	178	22	M16 x 75	4	140
80	191	24	M16 x 80	4	152
100	229	24	M16 x 80	8	191
125	254	24	M20 x 80	8	216
150	279	25	M20 x 80	8	241
200	343	29	M20 x 90	8	298
250	406	30	M24 x 90	12	362
300	483	32	M24 x 95	12	432

ANSI B16.5 (BS1560) ASA300

NOMINAL BORE	FLANGE DIAMETER (MM)	THICKNESS (MM)	BOLTS (MM)	NUMBER OF HOLES	P.C.D. (MM)
15	95	14	M12 x 45	4	67
20	117	16	M16 x 50	4	83
25	124	18	M16 x 50	4	89
32	133	19	M16 x 55	4	98
40	156	21	M20 x 60	4	114
50	165	22	M16 x 70	8	127
65	191	25	M20 x 75	8	149
80	210	29	M20 x 80	8	168
100	254	32	M20 x 80	8	200
125	279	35	M20 x 80	8	235
150	318	37	M20 x 80	12	270
200	381	41	M24 x 90	12	330
250	445	48	M27 x 90	16	387
300	521	51	M30 x 95	16	451



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