

FLANGE TABLE

BS10: Table D

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	67	5	M10X40	4	x 1.414	95
20	102	5	M10X45	4	x 1.414	102
25	114	5	M10X45	4	x 1.414	114
32	121	6	M10X50	4	x 1.414	121
40	133	6	M12X50	4	x 1.414	133
50	152	8	M12X50	4	x 1.414	152
65	165	8	M12X55	4	x 1.414	165
80	184	10	M16X65	4	x 1.414	184
100	216	10	M16X65	4	x 1.414	216
125	254	13	M16X70	8	x 2.613	254
150	279	13	M16X70	8	x 2.813	337
200	337	13	M16X70	8	x 2.813	406
250	406	16	M16X75	12	x 3.864	457

BS10: Table D

FLANGE TABLE

BS10: Table H

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	Number of Bolts	Factor centres	Flange OD (mm)
15	83	13	M16x55	4	x 1.414	114
20	83	13	M16x55	4	x 1.414	114
25	87	14	M16x55	4	x 1.414	121
32	98	17	M16x60	4	x 1.414	133
40	105	17	M16x60	4	x 1.414	140
50	127	19	M16x60	4	x 1.414	165
65	146	19	M16x65	8	x 2.613	184
80	165	22	M16x75	8	x 2.613	203
100	191	25	M16x75	8	x 2.613	229
125	235	29	M20x85	8	x 2.613	279
150	260	29	M20x85	12	x 3.864	305
200	324	32	M20x95	12	x 3.864	368
250	381	35	M22x105	12	x 3.864	432

BS10: Table H

EN1092-1:PN16 (BS4504:1989)

EN1092-1:PN16 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	65	16	M12X50	4	x 1.414	95
20	75	16	M12X50	4	x 1.414	105
25	85	18	M12X50	4	x 1.414	115
32	100	18	M16x60	4	x 1.414	140
40	110	18	M16x60	4	x 1.414	150
50	125	18	M16x60	4	x 1.414	165
65	145	18	M16x65	4	x 1.414	185
80	160	20	M16x70	8	x 2.613	200
100	180	20	M16x70	8	x 2.613	220
125	210	22	M16x70	8	x 2.613	250
150	240	22	M20X70	8	x 2.613	285
200	295	24	M20x90	12	x 3.864	340
250	355	26	M24x90	12	x 3.864	405

EN1092-1:PN16 (BS4504:1989)

EN1092-1:PN25 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

BS10: Table E

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	Number of Bolts	Factor centres	Flange OD (mm)
15	67	6	M12x40	4	x 1.414	95
20	73	6	M12x40	4	x 1.414	105
25	83	7	M12x40	4	x 1.414	114
32	88	8	M16x45	4	x 1.414	121
40	95	9	M16x45	4	x 1.414	133
50	114	10	M16x50	4	x 1.414	152
65	127	10	M16x50	4	x 1.414	165
80	146	11	M16x50	8	x 2.613	184
100	178	13	M16x55	8	x 2.613	216
125	210	14	M16x55	8	x 2.613	254
150	235	18	M20x65	8	x 2.613	279
200	292	19	M20x65	8	x 2.613	337
250	356	21	M20x70	12	x 3.864	406

BS10: Table E

EN1092-1:PN6 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	55	12	M10X40	4	x 1.414	80
20	65	14	M10X45	4	x 1.414	90
25	75	14	M10X45	4	x 1.414	100
32	90	16	M10X50	4	x 1.414	120
40	100	16	M12X50	4	x 1.414	130
50	110	16	M12X50	4	x 1.414	140
65	130	16	M12X55	4	x 1.414	160
80	150	18	M16X65	4	x 1.414	190
100	170	18	M16X65	4	x 1.414	210
125	200	20	M16X70	8	x 2.613	240
150	225	20	M16X70	8	x 2.813	265
200	280	22	M16X70	8	x 2.813	320
250	335	24	M16X75	12	x 3.864	375

EN1092-1:PN6 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN25 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	Number of Bolts	Factor centres	Flange OD (mm)
15	65	16	M12X55	4	x 1.414	95
20	75	16	M12X65	4	x 1.414	105
25	85	18	M12X65	4	x 1.414	115
32	100	18	M16x65	4	x 1.414	140
40	110	18	M16x65	4	x 1.414	150
50	125	20	M16x70	4	x 1.414	165
65	145	22	M16x70	8	x 2.613	185
80	160	24	M16x70	8	x 2.613	200
100	180	24	M20x80	8	x 2.613	235
125	210	26	M24x85	8	x 2.613	270
150	240	28	M24x90	8	x 2.613	300
200	295	30	M24x90	12	x 3.964	360
250	355	32	M24x100	12	x3.864	425

BS10: Table F

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	67	10	M12x45	4	x 1.414	95
20	73	10	M12x45	4	x 1.414	102
25	87	10	M16x50	4	x 1.414	121
32	98	13	M16x50	4	x 1.414	133
40	105	13	M16x55	4	x 1.414	140
50	127	16	M16x55	4	x 1.414	165
65	146	16	M16x60	8	x 2.613	184
80	165	16	M16x60	8	x 2.613	203
100	191	19	M16x70	8	x 2.613	229
125	235	22	M20x75	8	x 2.613	279
150	260	22	M20x75	12	x 3.864	305
200	324	25	M20x80	12	x 3.864	368
250	381	29	M22x85	12	x 3.864	432

BS10: Table F

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	65	16	M12x45	4	x 1.414	95
20	75	18	M12x50	4	x 1.414	105
25	85	16	M12x50	4	x 1.414	115
32	100	18	M16x60	4	x 1.414	140
40	110	18	M16x690	4	x 1.414	150
50	125	18	M16x60	4	x 1.414	165
65	145	18	M16x60	4	x 1.414	185
80	160	20	M16x65	8	x 2.613	200
100	180	20	M16x70	8	x 2.613	220
125	210	22	M16x70	8	x 2.613	250
150	240	22	M20x70	8	x 2.613	285
200	295	24	M20x80	8	x 2.613	340
250	350	26	M20x80	12	x 3.864	395

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN10 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

Pipe Nominal	Bolt PCD (mm)	Flange Thickness	Bolt Size	No of Bolts	Factor centres	Flange OD (mm)
15	65	16	M12X55	4	x 1.414	95
20	75	16	M12X65	4	x 1.414	105
25	85	18	M12X65	4	x 1.414	115
32	100	18	M16x65	4	x 1.414	140
40	110	18	M16x70	4	x 1.414	150
50	125	20	M16x70	4	x 1.414	165
65	145	22	M16x70	4	x 2.613	185
80	160	24	M16x75	8	x 2.613	200
100	190	24	M20x80	8	x 2.613	235
125	220	26	M24x80	8	x 2.613	270
150	250	28	M24x90	8	x 2.613	300
200	320	34	M27x90	8	x 3.864	375
250	385	38	M30x120	12	x 3.864	450

EN1092-1:PN40 (BS4504:1989)

EN1092-1:PN40 (BS4504:1989)

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