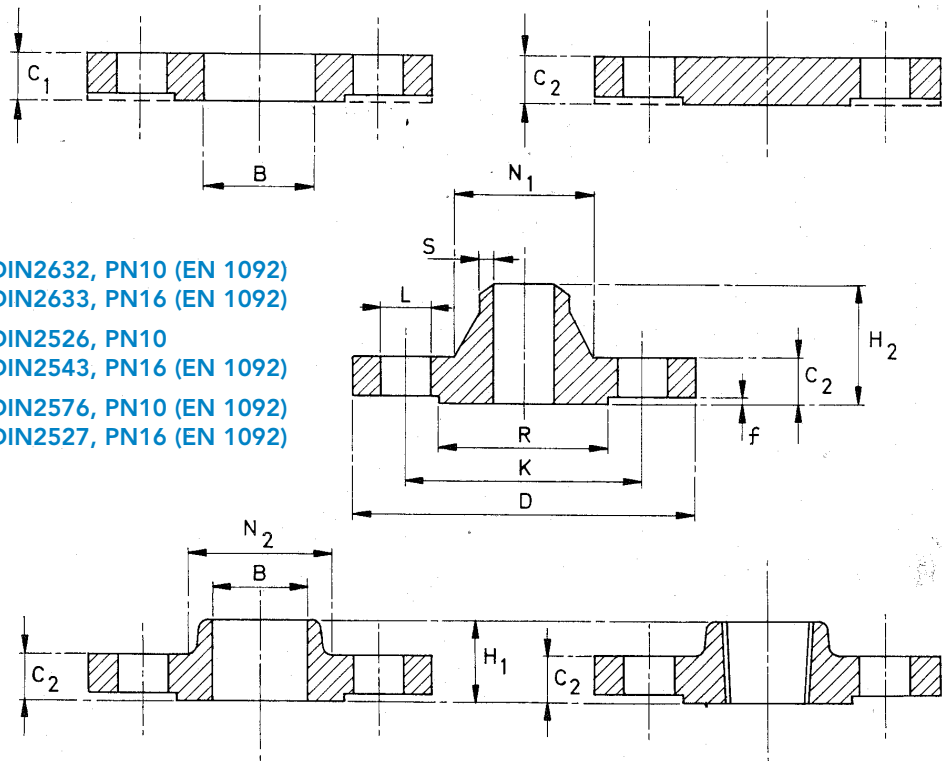


BS4504 PN10 (EN 1092) FLANGES (Equivalent to DIN Flange Standards)

ECON Flanges, Drilled to DIN2501 (EN 1092), Material-Carbon Steel St.37.2, Raised Face, Serrated Finish.

Note: ECON PN10 Flanges (all types) are available upto 24 inch/DN600. Dimensions for >DN300 shall be provided on request.



ECON FIG. 198A Welding Neck, DIN2632, PN10 (EN 1092)
 184A Welding Neck, DIN2633, PN16 (EN 1092)
 197A Slip on, DIN2526, PN10
 185A Slip on, DIN2543, PN16 (EN 1092)
 196A Blind, DIN2576, PN10 (EN 1092)
 183A Blind, DIN2527, PN16 (EN 1092)

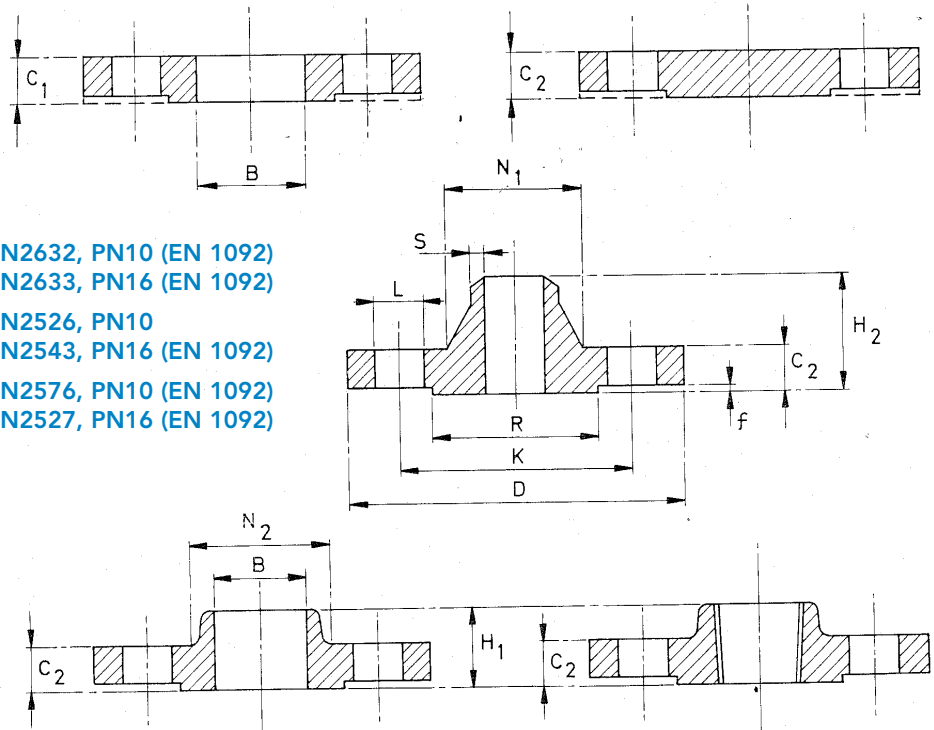
Dimensions in millimetres

Nominal Size	Outside Diameter	Bolt Circle Diameter	Bolt Hole Diameter	Bolting		Bore Diameter	Hub Diameter	Boss Diameter	Flange Thickness		Lengths		Diameter Raised Face	Height Raised Face	Neck Thickness
				No.	Size				C ₁	C ₂	H ₁	H ₂			
DN	D	K	L			B	N ₁	N ₁	C ₁	C ₂	H ₁	H ₂	R	f	S
15	95	65	14	4	M12	22.0	32	35	14	14	20	35	45	2	2.0
20	105	75	14	4	M12	27.5	39	45	16	16	24	38	58	2	2.3
25	115	85	14	4	M12	34.5	46	52	16	16	24	38	68	2	2.6
32	140	100	18	4	M16	43.5	56	60	18	16	26	40	78	2	2.6
40	150	110	18	4	M16	49.5	64	70	18	16	26	42	88	3	2.6
50	165	125	18	4	M16	61.5	74	84	20	18	28	45	102	3	2.9
65	185	145	18	4	M16	77.5	92	104	20	18	32	45	122	3	2.9
80	200	160	18	8	M16	90.5	110	118	20	20	34	50	138	3	3.2
100	220	180	18	8	M16	116.0	130	140	22	20	40	52	158	3	3.6
125	250	210	18	8	M16	141.5	158	168	22	22	44	55	188	3	4.0
150	285	240	22	8	M20	170.5	184	195	24	22	44	55	212	3	4.5
200	340	295	22	8	M20	221.5	234	246	24	24	44	62	268	3	5.6
250	395	350	22	12	M20	276.5	288	298	26	26	46	68	320	3	6.3
300	445	400	22	12	M20	327.5	342	350	26	26	46	68	370	4	7.1

BS4504 PN16 (EN 1092) FLANGES (Equivalent to DIN Flange Standards)

ECON Flanges, Drilled to DIN2501 (EN 1092), Material-Carbon Steel St.37.2, Raised Face, Serrated Finish.

Note: ECON PN16 Flanges (all types) are available upto 24 inch/DN600. Dimensions for >DN300 shall be provided on request.



ECON FIG. 198A Welding Neck, DIN2632, PN10 (EN 1092)
 184A Welding Neck, DIN2633, PN16 (EN 1092)
 197A Slip on, DIN2526, PN10
 185A Slip on, DIN2543, PN16 (EN 1092)
 196A Blind, DIN2576, PN10 (EN 1092)
 183A Blind, DIN2527, PN16 (EN 1092)

Dimensions in millimetres

Nominal Size	Outside Diameter	Bolt Circle Diameter	Bolt Hole Diameter	Bolting		Bore Diameter	Hub Diameter	Boss Diameter	Flange Thickness		Lengths		Diameter Raised Face	Height Raised Face	Neck Thickness
				No.	Size				C ₁	C ₂	H ₁	H ₂			
DN	D	K	L			B	N ₁	N ₁	C ₁	C ₂	H ₁	H ₂	R	f	S
15	95	65	14	4	M12	22.0	32	35	14	14	20	35	45	2	2.0
20	105	75	14	4	M12	27.5	39	45	16	16	24	38	58	2	2.3
25	115	85	14	4	M12	34.5	46	52	16	16	24	38	68	2	2.6
32	140	100	18	4	M16	43.5	56	60	18	16	26	40	78	2	2.6
40	150	110	18	4	M16	49.5	64	70	18	16	26	42	88	3	2.6
50	165	125	18	4	M16	61.5	74	84	20	18	28	45	102	3	2.9
65	185	145	18	4	M16	77.5	92	104	20	18	32	45	122	3	2.9
80	200	160	18	8	M16	90.5	110	118	20	20	34	50	138	3	3.2
100	220	180	18	8	M16	116.0	130	140	22	20	40	52	158	3	3.6
125	250	210	18	8	M16	141.5	158	168	22	22	44	55	188	3	4.0
150	285	240	22	8	M20	170.5	184	195	24	22	44	55	212	3	4.5
200	340	295	22	12	M20	221.5	234	246	26	24	44	62	268	3	5.6
250	405	355	26	12	M24	276.5	288	298	29	26	46	70	320	3	7.1
300	460	410	26	12	M24	327.5	342	350	32	28	46	78	370	4	8.0

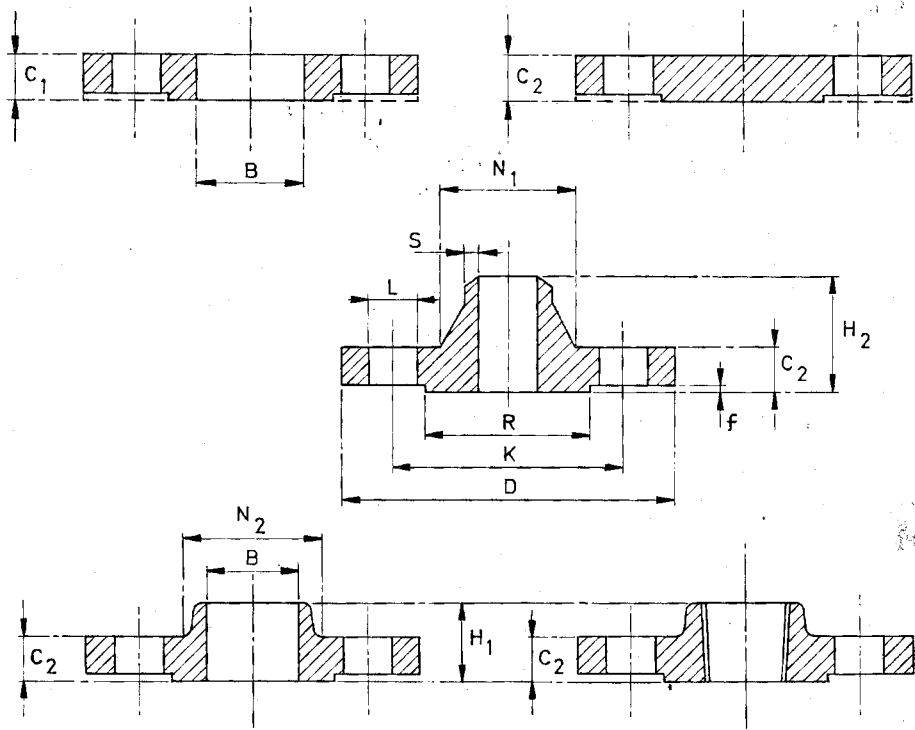
BS4504 PN25 (EN 1092) FLANGES (Equivalent to DIN Flange Standards)

ECON Flanges, Drilled to DIN2501 (EN 1092), Material-Carbon Steel St.37.2, Raised Face, Serrated Finish.

DIN2544 (EN 1092) SLIP ON FLANGES

DIN2527 (EN 1092) BLIND FLANGES

DIN2634 (EN 1092) WELDING NECK FLANGES



Dimensions in millimetres

Nominal Size	Outside Diameter	Bolt Circle Diameter	Bolt Hole Diameter	Bolting		Bore Diameter	Hub Diameter	Boss Diameter	Flange Thickness		Lengths		Diameter Raised Face	Height Raised Face	Neck Thickness
				No.	Size				C ₁	C ₂	H ₁	H ₂			
DN	D	K	L			B	N ₁	N ₂	C ₁	C ₂	H ₁	H ₂	R	f	S
15	95	65	14	4	M12	22.0	32	35	14	16	22	38	45	2	2.0
20	105	75	14	4	M12	27.5	39	45	16	18	26	40	58	2	2.3
25	115	85	14	4	M12	34.5	46	52	16	18	28	40	68	2	2.6
32	140	100	18	4	M16	43.5	56	60	18	18	30	42	78	2	2.6
40	150	110	18	4	M16	49.5	64	70	18	18	32	45	88	3	2.6
50	165	125	18	4	M16	61.5	74	84	20	20	34	48	102	3	2.9
65	185	145	18	4	M16	77.5	92	104	22	22	38	52	122	3	2.9
80	200	160	18	8	M16	90.5	110	118	24	24	40	58	138	3	3.2
100	235	190	22	8	M16	116.0	134	145	26	24	44	65	162	3	3.6
125	270	220	26	8	M24	141.5	162	170	28	26	48	68	188	3	4.0
150	300	250	26	8	M24	170.5	190	200	30	28	52	75	218	3	4.5
200	360	310	26	12	M24	221.5	244	256	32	30	52	80	278	3	6.3
250	425	370	30	12	M27	276.5	296	310	35	32	60	88	335	3	7.1
300	485	430	30	16	M27	327.5	350	364	38	34	67	92	395	4	8.0