

DIMENSIONAL STANDARD · JIS B2220

JIS B2220 10K Flange Dimensions

JIS B2220 10K steel flange dimensions in mm: OD, thickness, raised face, PCD, bolt holes and bolt size.

This chart gives **JIS B2220 10K** steel pipe flange dimensions in millimetres — outside diameter, thickness, raised face, bolt circle, bolt holes and bolt size. JIS B2220 is the Japanese flange standard used on Japanese design plant, shipbuilding and marine piping.

Teshi Group manufactures JIS B2220 slip-on, weld neck and blind flanges in India for export and marine work.

- D** Outside diameter of flange
A Pipe outside diameter (hub diameter at the weld end)
C Flange thickness, excluding raised face unless stated
d1 Raised face diameter
K Bolt circle (pitch circle) diameter
n Number of bolts
L Bolt hole diameter
Bolt Bolt size (metric M or inch diameter)

JIS B2220 10K — slip-on / blind flange dimensions (mm)

Size A	A Pipe OD	D Flange OD	C Flange	d1 Raised face	K Bolt circle	n Bolts	L Hole dia	Bolt Size
10	17.3	90	12	46	65	4	15	M12
15	21.7	95	12	51	70	4	15	M12
20	27.2	100	14	56	75	4	15	M12
25	34.0	125	14	67	90	4	19	M16
32	42.7	135	16	76	100	4	19	M16
40	48.6	140	16	81	105	4	19	M16
50	60.5	155	16	96	120	4	19	M16
65	76.3	175	18	116	140	4	19	M16
80	89.1	185	18	126	150	8	19	M16
(90)	101.6	195	18	136	160	8	19	M16
100	114.3	210	18	151	175	8	19	M16
125	139.8	250	20	182	210	8	23	M20
150	165.2	280	22	212	240	8	23	M20
(175)	190.7	305	22	237	265	12	23	M20
200	216.3	330	22	262	290	12	23	M20
(225)	241.8	350	22	282	310	12	23	M20
250	267.4	400	24	324	355	12	25	M22
300	318.5	445	24	368	400	16	25	M22
350	355.6	490	26	413	445	16	25	M22

Size A	A Pipe OD	D Flange OD	C Flange	d1 Raised face	K Bolt circle	n Bolts	L Hole dia	Bolt Size
400	406.4	560	28	475	510	16	27	M24
450	457.2	620	30	530	565	20	27	M24
500	508.0	675	30	585	620	20	27	M24
(550)	558.8	745	32(34)	640	680	20	33	M30
600	609.6	795	32(36)	690	730	24	33	M30
(650)	660.4	845	34(38)	740	780	24	33	M30
700	711.2	905	34(40)	800	840	24	33	M30
(750)	762.0	970	36(44)	855	900	24	33	M30
800	812.8	1020	36(46)	905	950	28	33	M30
(850)	863.6	1070	36(48)	955	1000	28	33	M30
900	914.4	1120	38(50)	1005	1050	28	33	M30
1000	1016.0	1235	40(56)	1110	1160	28	39	M36
1100	1117.6	1345	42(62)	1220	1270	28	39	M36
1200	1219.2	1465	44(66)	1325	1380	32	39	M36
1350	1371.6	1630	48(74)	1480	1540	36	45	M42
1500	1524.0	1795	50(82)	1635	1700	40	45	M42

Notes

- All dimensions are in millimetres. Nominal size is the JIS 'A' size (e.g. 100A = DN 100).
- Thickness values in parentheses apply to blind flanges.
- Values are nominal, compiled from published copies of the standard; blank cells (—) are values not confirmed from the sources available. Verify against the current edition before design, purchase or fabrication.

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