

DIMENSIONAL STANDARD · BS 10

BS 10 Table K Flange Dimensions

BS 10 Table K flange dimensions (about 900 psi cold): OD, thickness, PCD, holes and bolts, in inches and mm.

This chart gives **BS 10 Table K** flange dimensions — outside diameter, thickness, pitch circle diameter, number and size of bolt holes and bolts — in inches and millimetres. Table K is the BS 10 rating for about 900 psi cold.

Teshi Group manufactures steel flanges drilled to BS 10 tables for replacement and retrofit work alongside its ASME and EN range.

- D** Outside diameter of flange
C Flange thickness, excluding raised face unless stated
K Bolt circle (pitch circle) diameter
n Number of bolts
L Bolt hole diameter
Bolt Bolt size (metric M or inch diameter)

BS 10 Table K — flange dimensions

Size · in	Size · mm	D Flange OD · in	D Flange OD · mm	C Flange · in	C Flange · mm	K Bolt circle · in	K Bolt circle · mm	n Bolts	L Hole dia · in	L Hole dia · mm	Bolt Size · in
1/2	15	4 1/2	114	3/4	19	3 1/4	83	4	11/16	17	5/8
3/4	20	4 1/2	114	3/4	19	3 1/4	83	4	11/16	17	5/8
1	25	5	127	7/8	22	3 3/4	95	4	11/16	17	5/8
1 1/4	32	5 1/4	133	7/8	22	3 7/8	98	4	11/16	17	5/8
1 1/2	40	6	152	1	25	4 1/2	114	4	7/8	22	3/4
2	50	6 1/2	165	1	25	5	127	8	11/16	17	5/8
2 1/2	65	7 1/4	184	1 1/8	29	5 3/4	146	8	7/8	22	3/4
3	80	—	203	—	32	6 1/2	165	8	—	22	3/4
4	100	9 1/2	241	1 3/8	35	7 3/4	197	8	1	25	7/8
5	125	—	279	—	41	9 1/4	235	12	—	25	7/8
6	150	—	305	—	41	10 1/4	260	12	—	25	7/8
8	200	—	368	—	48	12 1/2	318	12	—	29	1
10	250	—	432	—	51	15	381	16	—	29	1
12	300	—	489	—	—	17	432	16	—	32	1 1/8
14	350	—	572	—	60	20	508	16	—	35	1 1/4
15	375	—	—	—	—	21 1/4	540	20	—	35	1 1/4
16	400	—	629	—	67	22 1/4	565	20	—	35	1 1/4
18	450	—	718	—	76	25 3/4	654	20	—	38	1 3/8
20	500	—	787	—	83	28	711	20	—	41	1 1/2

Notes

- Inch and millimetre values are given as published; BS 10 is an inch standard.
- BS 10 is withdrawn and superseded by BS EN 1092-1, but Table D, E, F and H drilling is still widely used on existing plant, marine and UK-pattern equipment.
- 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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