

DIMENSIONAL STANDARD · AS 2129

AS 2129 Table F Flange Dimensions

AS 2129 Table F flange dimensions DN 15–600 in mm: OD, minimum thickness by material, PCD, holes and bolting.

This chart gives **AS 2129 Table F** flange dimensions in millimetres — outside diameter, minimum thickness for steel, cast iron, ductile iron and copper-alloy flanges, pitch circle diameter and bolting. AS 2129 is the Australian flange standard used across Australia, New Zealand and on Australian-design projects.

Teshi Group manufactures steel flanges drilled to AS 2129 tables in India for export.

- 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)

AS 2129 Table F — flange dimensions (mm)

Size DN	Size · in	D Flange OD · mm	C Steel · mm	C Cast iron · mm	C Ductile iron · mm	C Copper alloy · mm	K Bolt circle · mm	n Bolts	L Hole dia · mm	Bolt Size
15	1/2	95	10	13	13	8	67	4	14	M12
20	3/4	100	10	13	13	8	73	4	14	M12
25	1	120	10	13	13	10	87	4	18	M16
32	1 1/4	135	13	16	16	10	98	4	18	M16
40	1 1/2	140	13	16	16	11	105	4	18	M16
50	2	165	16	19	19	11	127	4	18	M16
65	2 1/2	185	16	19	19	13	146	8	18	M16
80	3	205	16	19	19	14	165	8	18	M16
100	4	230	19	22	22	17	191	8	18	M16
125	5	280	22	25	25	19	235	8	22	M20
150	6	305	22	25	25	22	260	12	22	M20
200	8	370	25	29	29	25	324	12	22	M20
250	10	430	25	29	29	25	381	12	26	M24
300	12	490	29	32	32	29	438	16	26	M24
350	14	550	32	35	35	32	495	16	30	M27
375	15	578	—	—	—	—	521	16	30	M27
400	16	610	32	35	35	32	552	20	30	M27
450	18	675	—	—	—	—	610	20	33	M30
500	20	735	—	—	—	—	673	24	33	M30
600	24	850	—	—	—	—	781	24	36	M33

Notes

- All dimensions are in millimetres.
- AS 2129 Tables D, E, F and H keep the inch-based drilling of the old BS 10 tables, converted to millimetres, so they generally mate with BS 10 flanges of the same table.
- 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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