



Flange Dimension Tables & Bolt Sizes

BS EN 545/598 ISO-2531

PN16 Flange (D.I)

Nominal Size DN	'D' mm	'g' mm	'a' mm	'b' mm	PCD mm	No. of Holes	Hole Dia. mm	Bolt Set	Spanner size across flats
50mm	165	98	19.0	3.0	125	4	19	4 Nr M16 x 65	24
80mm	200	132	19.0	3.0	160	8	19	8 Nr M16 x 65	24
100mm	220	156	19.0	3.0	180	8	19	8 Nr M16 x 65	24
150mm	285	211	19.0	3.0	240	8	23	8 Nr M20 x 70	30
200mm	340	266	20.0	3.0	295	12	23	12 Nr M20 x 70	30
250mm	400	319	22.0	3.0	355	12	28	12 Nr M24 x 90	36
300mm	455	370	24.5	4.0	410	12	28	12 Nr M24 x 90	36
350mm	520	429	26.5	4.0	470	16	28	16 Nr M24 x 90	36
400mm	580	480	28.0	4.0	525	16	31	16 Nr M27 x 100	41
450mm	640	548	30.0	4.0	585	20	31	20 Nr M27 x 100	41
500mm	715	609	31.5	4.0	650	20	34	20 Nr M30 x 110	46
600mm	840	720	36.0	5.0	770	20	37	20 Nr M33 x 120	50
700mm	910	794	39.5	5.0	840	24	37	24 Nr M33 x 130	50
800mm	1025	901	43.0	5.0	950	24	40	24 Nr M36 x 140	55
900mm	1125	1001	46.5	5.0	1050	28	40	28 Nr M36 x 140	55
1000mm	1255	1112	50.0	5.0	1170	28	43	28 Nr M39 x 160	60
1100mm	1355	1218	53.5	5.0	1270	32	43	32 Nr M39 x 160	60
1200mm	1485	1328	57.0	5.0	1390	32	49	32 Nr M45 x 180	70
1400mm	1685	1530	60.0	5.0	1590	36	49	36 Nr M45 x 180	70
1600mm	1930	1750	65.0	5.0	1820	40	56	40 Nr M52 x 200	80

For any sizes not shown above, please refer to our Pipeline Sales Office: Tel- +44 (0) 1283 554720

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