

TABLE	SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"	6"
D	Flange Diameter	3.3/4" 95.3mm	4" 101.6mm	4.1/2" 114.3mm	4.3/4" 120.7mm	5.1/4" 133.4mm	6" 152.4mm	6.1/2" 165.1mm	7.1/4" 184.2mm	8.1/2" 215.9mm	11" 279.4mm
	Bolt Circle Diameter	2.5/8" 66.7mm	2.7/8" 73.1mm	3.1/4" 82.6mm	3.7/16" 87.3mm	3.7/8" 98.5mm	4.1/2" 114.3mm	5" 127.0mm	5.3/4" 146.1mm	7" 177.8mm	9.1/4" 235.0mm
	Flange Thickness	3/16" 4.8mm	3/16" 4.8mm	3/16" 4.8mm	1/4" 6.4mm	1/4" 6.4mm	5/16" 7.9mm	5/16" 7.9mm	3/8" 9.5mm	3/8" 9.5mm	1/2" 12.7mm
	No. of Holes	4	4	4	4	4	4	4	4	4	8
	Hole Diameter	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm
	Bolt Size	M12	M12	M12	M12	M12	M16	M16	M16	M16	M16
E	Flange Diameter	3.3/4" 95.3mm	4" 101.6mm	4.1/2" 114.3mm	4.3/4" 120.7mm	5.1/4" 133.4mm	6" 152.4mm	6.1/2" 165.1mm	7.1/4" 184.2mm	8.1/2" 215.9mm	11" 279.4mm
	Bolt Circle Diameter	2.5/8" 66.7mm	2.7/8" 73.0mm	3.1/4" 82.6mm	3.7/16" 87.3mm	3.7/8" 98.5mm	4.1/2" 114.3mm	5" 127.0mm	5.3/4" 146.1mm	7" 177.8mm	9.1/4" 235.0mm
	Flange Thickness	1/4" 6.4mm	1/4" 6.4mm	9/32" 7.1mm	5/16" 7.9mm	11/32" 8.7mm	3/8" 9.5mm	13/32" 10.3mm	7/16" 11.1mm	1/2" 12.7mm	11/16" 17.5mm
	No. of Holes	4	4	4	4	4	4	4	4	8	8
	Hole Diameter	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	7/8" 22mm
	Bolt Size	M12	M12	M12	M12	M12	M16	M16	M16	M16	M20
F	Flange Diameter	3.3/4" 95.3mm	4" 101.6mm	4.3/4" 120.7mm	5.1/4" 133.4mm	5.1/2" 139.7mm	6.1/2" 165.1mm	7.1/4" 184.2mm	8" 203.2mm	9" 228.6mm	12" 304.8mm
	Bolt Circle Diameter	2.5/8" 66.7mm	2.7/8" 73.0mm	3.7/16" 87.3mm	3.7/8" 98.4mm	4.1/8" 104.8mm	5" 127.0mm	5.3/4" 146.1mm	6.1/2" 165.1mm	7.1/2" 190.5mm	10.1/4" 260.4mm
	Flange Thickness	3/8" 9.5mm	3/8" 9.5mm	3/8" 9.5mm	1/2" 12.7mm	1/2" 12.7mm	5/8" 15.9mm	5/8" 15.9mm	5/8" 15.9mm	3/4" 19.1mm	7/8" 22.2mm
	No. of Holes	4	4	4	4	4	4	8	8	8	12
	Hole Diameter	9/16" 14mm	9/16" 14mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	7/8" 22mm
	Bolt Size	M12	M12	M16	M16	M16	M16	M16	M16	M16	M20
H	Flange Diameter	4.1/2" 114.3mm	4.1/2" 114.3mm	4.3/4" 120.7mm	5.1/4" 133.4mm	5.1/2" 139.7mm	6.1/2" 165.1mm	7.1/4" 184.2mm	8" 203.2mm	9" 228.6mm	12" 304.8mm
	Bolt Circle Diameter	3.1/4" 82.6mm	3.1/4" 82.6mm	3.7/16" 87.3mm	3.7/8" 98.4mm	4.1/8" 104.8mm	5" 127.0mm	5.3/4" 146.1mm	6.1/2" 165.1mm	7.1/2" 190.5mm	10.1/4" 260.4mm
	Flange Thickness	1/2" 12.7mm	1/2" 12.7mm	9/16" 14.3mm	11/16" 17.5mm	11/16" 17.5mm	3/4" 19.1mm	3/4" 19.1mm	7/8" 22.2mm	1" 25.4mm	1.1/8" 28.6mm
	No. of Holes	4	4	4	4	4	4	8	8	8	12
	Hole Diameter	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	7/8" 22mm
	Bolt Size	M16	M16	M16	M16	M16	M16	M16	M16	M16	M20

*Flange thicknesses shown are the greater thickness for that rating

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TABLE	SIZE	DN15 1/2"	DN20 3/4"	DN25 1"	DN32 1.1/4"	DN40 1.1/2"	DN50 2"	DN65 2.1/2"	DN80 3"	DN100 4"	DN150 6"
PN 6	Flange Diameter	80	90	100	120	130	140	160	190	210	265
	Bolt Circle Diameter	55	65	75	90	100	110	130	150	170	225
	Flange Thickness	12	14	14	16	16	16	16	18	18	20
	No. of Holes	4	4	4	4	4	4	4	4	4	8
	Hole Diameter	11	11	11	14	14	14	14	18	18	18
	Bolt Size	M10	M10	M10	M12	M12	M12	M12	M12	M16	M16
PN 10	Flange Diameter	95	105	115	140	150	165	185	200	220	285
	Bolt Circle Diameter	65	75	85	100	110	125	145	160	180	240
	Flange Thickness	14	16	16	16	16	18	18	20	20	22
	No. of Holes	4	4	4	4	4	4	4	8	8	8
	Hole Diameter	14	14	14	18	18	18	18	18	18	22
	Bolt Size	M12	M12	M12	M16	M16	M16	M16	M16	M16	M16
PN 16	Flange Diameter	95	105	115	140	150	165	185	200	220	285
	Bolt Circle Diameter	65	75	85	100	110	125	145	160	180	240
	Flange Thickness	14	16	16	16	16	18	18	20	20	22
	No. of Holes	4	4	4	4	4	4	4	8	8	8
	Hole Diameter	14	14	14	18	18	18	18	18	18	22
	Bolt Size	M12	M12	M12	M16	M16	M16	M16	M16	M16	M16
PN 25	Flange Diameter	95	105	115	140	150	165	185	200	235	300
	Bolt Circle Diameter	65	75	85	100	110	125	145	160	190	250
	Flange Thickness	16	18	18	18	20	20	22	24	26	30
	No. of Holes	4	4	4	4	4	4	8	8	8	8
	Hole Diameter	14	14	14	18	18	18	18	18	22	26
	Bolt Size	M12	M12	M12	M16	M16	M16	M16	M16	M16	M20
PN 40	Flange Diameter	95	105	115	140	150	165	185	200	235	300
	Bolt Circle Diameter	65	75	85	100	110	125	145	160	190	250
	Flange Thickness	16	18	18	18	20	20	22	24	26	30
	No. of Holes	4	4	4	4	4	4	8	8	8	8
	Hole Diameter	14	14	14	18	18	18	18	18	22	26
	Bolt Size	M12	M12	M12	M16	M16	M16	M16	M16	M16	M20
PN 64	Flange Diameter	105	130	140	155	170	180	205	215	250	345
	Bolt Circle Diameter	75	90	100	110	125	135	160	170	200	280
	Flange Thickness	20	22	24	24	26	26	26	30	32	36
	No. of Holes	4	4	4	4	4	4	8	8	8	8
	Hole Diameter	14	18	18	22	22	22	22	22	26	33
	Bolt Size	M12	M16	M16	M20	M20	M20	M20	M20	M24	M30

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TABLE	SIZE	DN15 1/2"	DN20 3/4"	DN25 1"	DN32 1.1/4"	DN40 1.1/2"	DN50 2"	DN65 2.1/2"	DN80 3"	DN100 4"	DN150 6"
Class 150	Flange Diameter	3.1/2" 88.9mm	3.7/8" 98.5mm	4.1/4" 108.0mm	4.5/8" 117.5mm	5" 127.0mm	6" 152.4mm	7" 177.8mm	7.1/2" 190.5mm	9" 228.6mm	11" 279.4mm
	Bolt Circle Diameter	2.3/8" 60.4mm	2.3/4" 69.9mm	3.1/8" 79.4mm	3.1/2" 88.9mm	3.7/8" 98.5mm	4.3/4" 120.7mm	5.1/2" 139.7mm	6" 152.4mm	7.1/2" 190.5mm	9.1/2" 241.3mm
	Flange Thickness	7/16" 11.1mm	1/2" 12.7mm	9/16" 14.3mm	5/8" 15.9mm	11/16" 17.5mm	3/4" 19.1mm	7/8" 22.2mm	15/16" 23.8mm	15/16" 23.8mm	1" 25.4mm
	No. of Holes	4	4	4	4	4	4	4	4	8	8
	Hole Diameter	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	9/16" 14mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	7/8" 22mm
	Bolt Size	M12	M12	M12	M12	M12	M16	M16	M16	M16	M20
Class 300	Flange Diameter	3.3/4" 95.3mm	4.5/8" 117.5mm	4.7/8" 123.8mm	5.1/4" 133.4mm	6.1/8" 155.6mm	6.1/2" 165.1mm	7.1/2" 190.5mm	8.1/4" 209.6mm	10" 254.0mm	12.1/2" 317.5mm
	Bolt Circle Diameter	2.5/8" 66.7mm	3.1/4" 82.6mm	3.1/2" 88.9mm	3.7/8" 98.5mm	4.1/2" 114.3mm	5" 127.0mm	5.7/8" 149.2mm	6.5/8" 168.3mm	7.7/8" 200.0mm	10.5/8" 269.9mm
	Flange Thickness	9/16" 14.3mm	5/8" 15.9mm	11/16" 17.5mm	3/4" 19.1mm	13/16" 20.7mm	7/8" 22.2mm	1" 25.4mm	1.1/8" 28.6mm	1.1/4" 31.8mm	1.7/16" 36.5mm
	No. of Holes	4	4	4	4	4	8	8	8	8	12
	Hole Diameter	9/16" 14mm	11/16" 18mm	11/16" 18mm	11/16" 18mm	7/8" 22mm	11/16" 18mm	7/8" 22mm	7/8" 22mm	7/8" 22mm	7/8" 22mm
	Bolt Size	M12	M16	M16	M16	M20	M16	M20	M20	M20	M20

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