1/2" NB (DN15) Flange Table - Flange Dimensions

1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	80mm	55mm	4	M10	11mm	40mm	2mm
PN10	95mm	65mm	4	M12	14mm	45mm	2mm
PN16	95mm	65mm	4	M12	14mm	45mm	2mm
PN25	95mm	65mm	4	M12	14mm	45mm	2mm
PN40	95mm	65mm	4	M12	14mm	45mm	2mm
PN64	105mm	75mm	4	M12	14mm	45mm	2mm
Table D	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)		
Table E	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)		
Table F	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)		
Table H	4 1/2" (114mm)	3 1/4" (83mm)	4	5/8" (16mm)	11/16" (17mm)	2 1/4" (57mm)	1/16" (2mm)
ANSI 125/150	3 1/2" (89mm)	2 3/8" (60mm)	4	1/2" (13mm)	5/8" (16mm)	1 3/8" (35mm)	1/16" (2mm)
ANSI 300	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	5/8" (16mm)	1 3/8" (35mm)	1/16" (2mm)

3/4" NB (DN20) Flange Table - Flange Dimensions

3/4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	90mm	65mm	4	M10	11mm	50mm	2mm
PN10	105mm	75mm	4	M12	14mm	58mm	2mm
PN16	105mm	75mm	4	M12	14mm	58mm	2mm
PN25	105mm	75mm	4	M12	14mm	58mm	2mm
PN40	105mm	75mm	4	M12	14mm	58mm	2mm
PN64	130mm	90mm	4	M16	18mm	58mm	2mm
Table D	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)		
Table E	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)		
Table F	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)		
Table H	4 1/2" (114mm)	3 1/4" (83mm)	4	5/8" (16mm)	11/16" (14mm)	2 1/4" (57mm)	1/16" (2mm)
ANSI 125/150	3 7/8" (98mm)	2 3/4" (70mm)	4	1/2" (13mm)	5/8" (16mm)	1 11/16" (43mm)	1/16" (2mm)
ANSI 300	4 5/8" (117mm)	3 1/4" (83mm)	4	5/8" (16mm)	3/4" (19mm)	1 11/16" (43mm)	1/16" (2mm)

1" NB (DN25) Flange Table - Flange Dimensions

1"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	100mm	75mm	4	M10	11mm	60mm	2mm
PN10	115mm	85mm	4	M12	14mm	68mm	2mm
PN16	115mm	85mm	4	M12	14mm	68mm	2mm
PN25	115mm	85mm	4	M12	14mm	68mm	2mm
PN40	115mm	85mm	4	M12	14mm	68mm	2mm
PN64	140mm	100mm	4	M16	18mm	68mm	2mm
Table D	4 1/2" (114mm)	3 1/4" (83mm)	4	1/2" (13mm)	9/16" (14mm)		
Table E	4 1/2" (114mm)	3 1/4" (83mm)	4	1/2" (13mm)	9/16" (14mm)		
Table F	4 3/4" (121mm)	3 7/16" (87mm)	4	5/8" (16mm)	11/16" (17mm)	2 1/2" (64mm)	1/16" (2mm)
Table H	4 3/4" (121mm)	3 7/16" (87mm)	4	5/8" (16mm)	11/16" (17mm)	2 1/2" (64mm)	1/16" (2mm)
ANSI 125/150	4 1/4" (108mm)	3 1/8" (79mm)	4	1/2" (13mm)	5/8" (16mm)	2" (51mm)	1/16" (2mm)
ANSI 300	4 7/8" (124mm)	3 1/2" (89mm)	4	5/8" (16mm)	3/4" (19mm)	2" (51mm)	1/16" (2mm)

1 1/4" NB (DN32) Flange Table - Flange Dimensions

1 1/4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	120mm	90mm	4	M12	14mm	70mm	2mm
PN10	140mm	100mm	4	M16	18mm	78mm	2mm
PN16	140mm	100mm	4	M16	18mm	78mm	2mm
PN25	140mm	100mm	4	M16	18mm	78mm	2mm
PN40	140mm	100mm	4	M16	18mm	78mm	2mm
PN64	155mm	110mm	4	M20	22mm	78mm	2mm
Table D	4 3/4" (121mm)	3 7/16" (87mm)	4	1/2" (13mm)	9/16" (14mm)		
Table E	4 3/4" (121mm)	3 7/16" (87mm)	4	1/2" (13mm)	9/16" (14mm)		
Table F	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	11/16" (17mm)		
Table H	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	11/16" (17mm)	3" (76mm)	1/16" (2mm)
ANSI 125/150	4 5/8" (117mm)	3 1/2" (89mm)	4	1/2" (13mm)	5/8" (16mm)	2 1/2" (64mm)	1/16" (2mm)
ANSI 300	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	3/4" (19mm)	2 1/2" (64mm)	1/16" (2mm)

1 1/2" NB (DN40) Flange Table - Flange Dimensions

1 1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	130mm	100mm	4	M12	14mm	80mm	3mm
PN10	150mm	110mm	4	M16	18mm	88mm	3mm
PN16	150mm	110mm	4	M16	18mm	88mm	3mm
PN25	150mm	110mm	4	M16	18mm	88mm	3mm
PN40	150mm	110mm	4	M16	18mm	88mm	3mm
PN64	170mm	125mm	4	M20	22mm	88mm	3mm
Table D	5 1/4" (133mm)	3 7/8" (98mm)	4	1/2" (13mm)	9/16" (14mm)		
Table E	5 1/4" (133mm)	3 7/8" (98mm)	4	1/2" (13mm)	9/16" (14mm)		
Table F	5 1/2" (140mm)	4 1/8" (105mm)	4	5/8" (16mm)	11/16" (17mm)		
Table H	5 1/2" (140mm)	4 1/8" (105mm)	4	5/8" (16mm)	11/16" (17mm)	3 1/4" (83mm)	1/16" (2mm)
ANSI 125/150	5" (127mm)	3 7/8" (98mm)	4	1/2" (13mm)	5/8" (16mm)	2 7/8" (73mm)	1/16" (2mm)
ANSI 300	6 1/8" (156mm)	4 1/4" (114mm)	4	3/4" (19mm)	7/8" (22mm)	2 7/8" (73mm)	1/16" (2mm)

2" NB (DN50) Flange Table - Flange Dimensions

2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	140mm	110mm	4	M12	14mm	90mm	3mm
PN10	165mm	125mm	4	M16	18mm	102mm	3mm
PN16	165mm	125mm	4	M16	18mm	102mm	3mm
PN25	165mm	125mm	4	M16	18mm	102mm	3mm
PN40	165mm	125mm	4	M16	18mm	102mm	3mm
PN64	180mm	135mm	4	M20	22mm	102mm	3mm
Table D	6" (152mm)	4 1/2" (114mm)	4	5/8" (16mm)	11/16" (17mm)		
Table E	6" (152mm)	4 1/2" (114mm)	4	5/8" (16mm)	11/16" (17mm)		
Table F	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)		
Table H	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)	4" (102mm)	1/16" (2mm)
ANSI 125/150	6" (152mm)	4 3/4" (121mm)	4	5/8" (16mm)	3/4" (19mm)	3 5/8" (92mm)	1/16" (2mm)
ANSI 300	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	3/4" (19mm)	3 5/8" (92mm)	1/16" (2mm)

2 1/2" NB (DN65) Flange Table - Flange Dimensions

2 1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	160mm	130mm	4	M14	14mm	110mm	3mm
PN10	185mm	145mm	4	M18	18mm	122mm	3mm
PN16	185mm	145mm	4	M18	18mm	122mm	3mm
PN25	185mm	145mm	8	M18	18mm	122mm	3mm
PN40	185mm	145mm	8	M18	18mm	122mm	3mm
PN64	205mm	160mm	8	M22	22mm	122mm	3mm
Table D	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)		
Table E	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)		
Table F	7 1/4" (184mm)	5 3/4" (146mm)	8	5/8" (16mm)	11/16" (17mm)		
Table H	7 1/4" (184mm)	5 3/4" (146mm)	8	5/8" (16mm)	11/16" (17mm)	4 1/2" (114mm)	1/16" (2mm)
ANSI 125/150	7" (178mm)	5 1/2" (140mm)	4	5/8" (16mm)	3/4" (19mm)	4 1/8" (105mm)	1/16" (2mm)
ANSI 300	7 1/2" (191mm)	5 7/8" (149mm)	8	3/4" (19mm)	7/8" (22mm)	4 1/8" (105mm)	1/16" (2mm)

3" NB (DN80) Flange Table - Flange Dimensions

3"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	190mm	150mm	4	M16	18mm	128mm	3mm
PN10	200mm	160mm	8	M16	18mm	138mm	3mm
PN16	200mm	160mm	8	M16	18mm	138mm	3mm
PN25	200mm	160mm	8	M16	18mm	138mm	3mm
PN40	200mm	160mm	8	M16	18mm	138mm	3mm
PN64	215mm	170mm	8	M20	22mm	138mm	3mm
Table D	7 1/4" (184mm)	5 3/4" (146mm)	4	5/8" (16mm)	11/16" (17mm)		
Table E	7 1/4" (184mm)	5 3/4" (146mm)	4	5/8" (16mm)	11/16" (17mm)		
Table F	8" (203mm)	6 1/2" (165mm)	8	5/8" (16mm)	11/16" (17mm)		
Table H	8" (203mm)	6 1/2" (165mm)	8	5/8" (16mm)	11/16" (17mm)	5" (127mm)	1/16" (2mm)
ANSI 125/150	7 1/2" (191mm)	6" (152mm)	4	5/8" (16mm)	3/4" (19mm)	5" (127mm)	1/16" (2mm)
ANSI 300	8 1/4" (210mm)	6 5/6" (168mm)	8	3/4" (19mm)	7/8" (22mm)	5" (127mm)	1/16" (2mm)

4" NB (DN100) Flange Table - Flange Dimensions

4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	210mm	170mm	4	M16	18mm	148mm	3mm
PN10	220mm	180mm	8	M16	18mm	158mm	3mm
PN16	220mm	180mm	8	M16	18mm	158mm	3mm
PN25	235mm	190mm	8	M20	22mm	162mm	3mm
PN40	235mm	190mm	8	M20	22mm	162mm	3mm
PN64	250mm	200mm	8	M24	26mm	162mm	3mm
Table D	8 1/2" (216mm)	7" (178mm)	4	5/8" (16mm)	11/16" (17mm)		
Table E	8 1/2" (216mm)	7" (178mm)	8	5/8" (16mm)	11/16" (17mm)		
Table F	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	11/16" (17mm)		
Table H	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	11/16" (17mm)	6" (152mm)	1/16" (2mm)
ANSI 125/150	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	3/4" (19mm)	6 3/16" (157mm)	1/16" (2mm)
ANSI 300	10" (254mm)	7 7/8" (200mm)	8	3/4" (19mm)	7/8" (22mm)	6 3/16" (157mm)	1/16" (2mm)

5" NB (DN125) Flange Table - Flange Dimensions

5"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	240mm	200mm	4	M16	18mm	178mm	3mm
PN10	250mm	210mm	8	M16	18mm	188mm	3mm
PN16	250mm	210mm	8	M16	18mm	188mm	3mm
PN25	270mm	220mm	8	M24	26mm	188mm	3mm
PN40	270mm	220mm	8	M24	26mm	188mm	3mm
PN64	295mm	240mm	8	M27	30mm	188mm	3mm
Table D	10" (254mm)	8 1/4" (210mm)	8	5/8" (16mm)	11/16" (17mm)		
Table E	10" (254mm)	8 1/4" (210mm)	8	5/8" (16mm)	11/16" (17mm)		
Table F	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)		
Table H	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)	7" (178mm)	1/16" (2mm)
ANSI 125/150	10" (254mm)	8 1/2" (216mm)	8	3/4" (19mm)	7/8" (22mm)	7 5/16" (186mm)	1/16" (2mm)
ANSI 300	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)	7 5/16" (186mm)	1/16" (2mm)

6" NB (DN150) Flange Table - Flange Dimensions

6"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	265mm	225mm	8	M16	18mm	202mm	3mm
PN10	285mm	240mm	8	M20	22mm	212mm	3mm
PN16	285mm	240mm	8	M20	22mm	212mm	3mm
PN25	300mm	250mm	8	M24	26mm	218mm	3mm
PN40	300mm	250mm	8	M24	26mm	218mm	3mm
PN64	345mm	280mm	8	M30	33mm	218mm	3mm
Table D	11" (279mm)	9 1/4" (235mm)	8	5/8" (16mm)	11/16" (17mm)		
Table E	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)		
Table F	12" (305mm)	10 1/4" (260mm)	12	3/4" (19mm)	7/8" (22mm)		
Table H	12" (305mm)	10 1/4" (260mm)	12	3/4" (19mm)	7/8" (22mm)	2 1/4" (57mm)	1/16" (2mm)
ANSI 125/150	11" (279mm)	9 1/2" (241mm)	8	3/4" (19mm)	7/8" (22mm)	8 1/2" (216mm)	1/16" (2mm)
ANSI 300	12 1/2" (318mm)	10 5/8" (270mm)	12	3/4" (19mm)	7/8" (22mm)	8 1/2" (216mm)	1/16" (2mm)

8" NB (DN200) Flange Table - Flange Dimensions

8"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	320mm	280mm	8	M16	18mm	258mm	3mm
PN10	340mm	295mm	8	M20	22mm	268mm	3mm
PN16	340mm	295mm	12	M20	22mm	268mm	3mm
PN25	360mm	310mm	12	M24	26mm	278mm	3mm
PN40	375mm	320mm	12	M27	30mm	285mm	3mm
PN64	415mm	345mm	12	M33	36mm	285mm	3mm
Table D	13 1/4" (337mm)	11 1/2" (292mm)	8	5/8" (16mm)	11/16" (17mm)		
Table E	13 1/4" (337mm)	11 1/2" (292mm)	8	3/4" (19mm)	7/8" (22mm)		
Table F	14 1/2" (368mm)	12 3/4" (324mm)	12	3/4" (19mm)	7/8" (22mm)		
Table H	14 1/2" (368mm)	12 3/4" (324mm)	12	3/4" (19mm)	7/8" (22mm)	10 1/4" (260mm)	1/16" (2mm)
ANSI 125/150	13 1/2" (343mm)	11 3/4" (298mm)	8	3/4" (19mm)	7/8" (22mm)	10 5/8" (270mm)	1/16" (2mm)
ANSI 300	15" (381mm)	13" (330mm)	12	7/8" (22mm)	1" (15mm)	10 5/8" (270mm)	1/16" (2mm)

10" NB (DN250) Flange Table - Flange Dimensions

10"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	375mm	335mm	12	M16	18mm	312mm	3mm
PN10	395mm	350mm	12	M20	22m	320mm	3mm
PN16	405mm	355mm	12	M24	26mm	320mm	3mm
PN25	425mm	370mm	12	M27	30mm	335mm	3mm
PN40	450mm	385mm	12	M30	33mm	345mm	3mm
PN64	470mm	400mm	12	M33	36mm	345mm	3mm
Table D	16" (406mm)	14" (356mm)	8	3/4" (19mm)	7/8" (22mm)		
Table E	16" (406mm)	14" (356mm)	12	3/4" (19mm)	7/8" (22mm)		
Table F	17" (432mm)	15" (381mm)	12	7/8" (22mm)	1" (25mm)		
Table H	17" (432mm)	15" (381mm)	12	7/8" (22mm)	1" (25mm)	12 1/4" (311mm)	1/16" (2mm)
ANSI 125/150	16" (406mm)	14 1/4" (362mm)	12	7/8" (22mm)	1" (25mm)	12 3/4" (324mm)	1/16" (2mm)
ANSI 300	17 1/2" (445mm)	15 1/4" (387mm)	16	1" (25mm)	1 1/8" (29mm)	12 3/4" (324mm)	1/16" (2mm)

12" NB (DN300) Flange Table - Flange Dimensions

12"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes	Diameter of Raised Fa	Height of Raised Face
PN6	440mm	395mm	12	M20	22mm	365mm	4mm
PN10	445mm	400mm	12	M20	22mm	370mm	4mm
PN16	460mm	410mm	12	M24	26mm	378mm	4mm
PN25	485mm	430mm	16	M27	30mm	395mm	4mm
PN40	515mm	450mm	16	M30	33mm	410mm	4mm
PN64	530mm	460mm	16	M33	36mm	410mm	4mm
Table D	18" (457mm)	16" (406mm)	12	3/4" (19mm)	7/8" (22mm)		
Table E	18" (457mm)	16" (406mm)	12	7/8" (22mm)	1" (25mm)		
Table F	19 1/4" (489mm)	17 1/4" (438mm)	16	7/8" (22mm)	1" (25mm)		
Table H	19 1/4" (489mm)	17 1/4" (438mm)	16	7/8" (22mm)	1" (25mm)	14 1/4" (362mm)	1/16" (2mm)
ANSI 125/150	19" (483mm)	17" (432mm)	12	7/8" (22mm)	1" (25mm)	15" (381mm)	1/16" (2mm)
ANSI 300	20 1/2" (521mm)	17 3/4" (451mm)	16	1 1/8" (29mm)	1 1/4" (32mm)	15" (381mm)	1/16" (2mm)