

BOLT & STUD DIMENSIONS

Class 150 Flanges to ASME B16.5

Nominal Size		CLASS 150				CLASS 300				CLASS 600			CLASS 900			CLASS 1500			CLASS 2500		
		No Bolts	Dia. Bolts inch	L		No Bolts	Dia. Bolts inch	L		No Bolts	Dia. Bolts inch	L	No Bolts	Dia. Bolts inch	L	No Bolts	Dia. Bolts inch	L	No Bolts	Dia. Bolts inch	L
DN	NPS			Stud Bolts inch	Mach. Bolts inch			Stud Bolts inch	Mach. Bolts inch												
15	½	4	1/2	60	45	4	1/2	65	55	4	1/2	80	4	3/4	105	4	3/4	105	4	3/4	125
20	¾	4	1/2	65	50	4	5/8	75	60	4	5/8	90	4	3/4	115	4	3/4	115	4	3/4	125
25	1	4	1/2	65	55	4	5/8	80	65	4	5/8	90	4	7/8	125	4	7/8	125	4	7/8	140
32	1¼	4	1/2	70	55	4	5/8	80	65	4	5/8	100	4	7/8	125	4	7/8	125	4	1	150
40	1½	4	1/2	70	60	4	3/4	90	75	4	3/4	105	4	1	140	4	1	140	4	1-1/8	170
50	2	4	5/8	80	65	8	5/8	90	75	8	5/8	105	8	7/8	145	8	7/8	145	8	1	175
65	2½	4	5/8	90	75	8	3/4	100	85	8	3/4	120	8	1	160	8	1	160	8	1-1/8	195
80	3	4	5/8	90	75	8	3/4	110	90	8	3/4	125	8	7/8	145	8	1-1/8	180	8	1-1/4	220
90 3	½	8	5/8	90	75	8	3/4	110	95	8	7/8	140	-	-	-	-	-	-	-	-	-
100	4	8	5/8	90	75	8	3/4	110	95	8	7/8	145	8	1-1/8	170	8	1-1/4	195	8	1-1/2	255
125	5	8	3/4	90	80	8	3/4	120	100	8	1	165	8	1-1/4	190	8	1-1/2	250	8	1-3/4	300
150	6	8	3/4	100	85	12	3/4	125	105	12	1	170	12	1-1/8	195	12	1-3/8	260	8	2	345
200	8	8	3/4	110	90	12	7/8	140	110	12	1-1/8	195	12	1-3/8	220	12	1-5/8	290	12	2	380
250	10	12	7/8	115	95	16	1	155	130	16	1-1/4	215	16	1-3/8	235	12	1-7/8	335	12	2-1/2	485
300	12	12	7/8	120	100	16	1-1/8	170	145	20	1-1/4	220	20	1-3/8	255	16	2	375	12	2-3/4	540
350	14	12	1	130	110	20	1-1/8	175	150	20	1-3/8	235	20	1-1/2	275	16	2-1/4	405			
400	16	16	1	135	115	20	1-1/4	190	160	20	1-1/2	255	20	1-5/8	285	16	2-1/2	445			
450	18	16	1-1/8	150	125	24	1-1/4	195	170	20	1-5/8	275	20	1-7/8	325	16	2-3/4	495			
500	20	20	1-1/8	160	135	24	1-1/4	205	180	24	1-5/8	290	20	2	345	16	3	540			
600	24	20	1-1/4	175	145	24	1-1/2	230	195	24	1-7/8	330	20	2-1/2	435	16	3-1/2	615			
750	30	28	1-1/4	190	160	28	1-3/4	290	250	28	2	355									
900	36	32	1-1/2	215	180	32	2	325	280	28	2-1/2	400									

TEMPERATURE / PRESSURE RATINGS

DIN PRESSURE CLASSES (BAR)

1	1.6	2.5	4	6	10	16	25	40	64	100	160	250	320	400
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ANSI PRESSURE CLASSES (CLASS)

150	300	400	600	900	1500	2500
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ANSI NORM- DIN NORM CONVERSION TABLE

ANSI	CLASS	150	300	400	600	900	1500	2500
ANSI	BAR	20	50	64	100	150	250	420

1 pound per square = 0,06894757 bar

1 pound per square = 0,006894757 megapascals (Mpa)