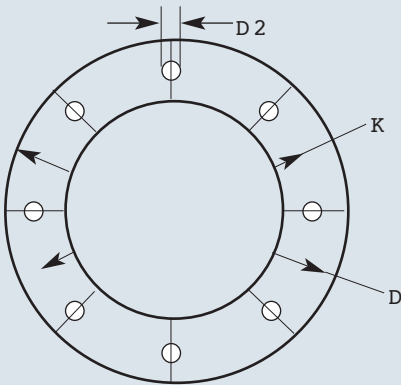


FLANGE DIMENSIONS

EN-DIN PN 6					
"	ND	D	K	N	D2
1/2"	15	80	55	4	11
3/4"	20	90	65	4	11
1"	25	100	75	4	11
1.1/4"	32	120	90	4	14
1.1/2"	40	130	100	4	14
2"	50	140	110	4	14
2.1/2"	65	160	130	4	14
3"	80	190	150	4	18
4"	100	210	170	4	18
5"	125	240	200	8	18
6"	150	265	225	8	18
8"	200	320	280	8	18
10"	250	375	335	12	18
12"	300	440	395	12	22

EN-DIN PN 10					
ND	D	K	N	D2	
15	95	65	4	14	
20	105	75	4	14	
25	115	85	4	14	
32	140	100	4	18	
40	150	110	4	18	
50	165	125	4	18	
65	185	145	4/8	18	
80	200	160	8	18	
100	220	180	8	18	
125	250	210	8	18	
150	285	240	8	22	
200	340	295	8	22	
250	395	350	12	22	
300	445	400	12	22	



N= number of bolts

EN-DIN PN 16					
"	ND	D	K	N	D2
1/2"	15	95	65	4	14
3/4"	20	105	75	4	14
1"	25	115	85	4	14
1.1/4"	32	140	100	4	18
1.1/2"	40	150	110	4	18
2"	50	165	125	4	18
2.1/2"	65	185	145	4	18
3"	80	200	160	8	18
4"	100	220	180	8	18
5"	125	250	210	8	18
6"	150	285	240	8	22
8"	200	340	295	12	22
10"	250	405	355	12	26
12"	300	460	410	12	26

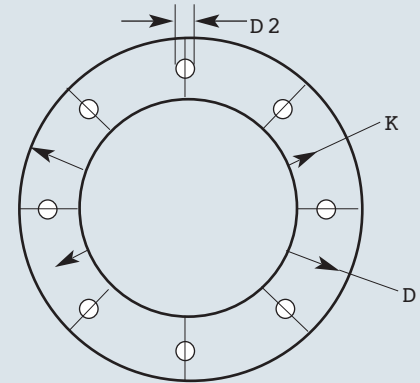
EN-DIN PN 25					
ND	D	K	N	D2	
15	95	65	4	14	
20	105	75	4	14	
25	115	85	4	14	
32	140	100	4	18	
40	150	110	4	18	
50	165	125	4	18	
65	185	145	8	18	
80	200	160	8	18	
100	235	190	8	22	
125	270	220	8	26	
150	300	250	8	26	
200	360	310	12	26	
250	425	370	12	30	
300	485	430	16	30	

EN-DIN PN 40					
ND	D	K	N	D2	
15	95	65	4	14	
20	105	75	4	14	
25	115	85	4	14	
32	140	100	4	18	
40	150	110	4	18	
50	165	125	4	18	
65	185	145	8	18	
80	200	160	8	18	
100	235	190	8	22	
125	270	220	8	26	
150	300	250	8	26	
200	375	320	12	30	
250	450	385	12	33	
300	515	450	16	33	

ASTM 150 lbs					
"	D	K	N	D2	
1/2"	88.9	60.3	4	15.9	
3/4"	98.4	69.8	4	15.9	
1"	107.9	79.4	4	15.9	
1.1/4"	117.5	88.9	4	15.9	
1.1/2"	127.0	98.4	4	15.9	
2"	152.4	120.6	4	19.0	
2.1/2"	177.8	139.7	4	19.0	
3"	190.5	152.4	4	19.0	
4"	228.6	190.5	8	19.0	
5"	254.0	215.9	8	22.2	
6"	279.4	241.3	8	22.2	
8"	342.9	298.4	8	22.2	
10"	406.4	361.9	12	25.4	
12"	482.6	431.8	12	25.4	

ASTM 300 lbs					
"	D	K	N	D2	
1/2"	95.2	66.7	4	15.9	
3/4"	117.5	82.5	4	19.1	
1"	123.8	88.9	4	19.1	
1.1/4"	133.3	98.4	4	19.1	
1.1/2"	155.6	114.3	4	22.2	
2"	165.1	127.0	8	19.1	
2.1/2"	190.5	149.2	8	22.2	
3"	209.5	168.3	8	22.2	
4"	254.0	200.0	8	22.2	
5"	279.4	234.9	8	22.2	
6"	317.5	269.9	12	22.2	
8"	381.0	330.2	12	25.4	
10"	444.5	387.3	16	28.6	
12"	520.7	450.8	16	31.7	

ASTM 600 lbs					
"	D	K	N	D2	
1/2"	95.2	66.7	4	15.9	
3/4"	117.5	82.5	4	19.1	
1"	123.8	88.9	4	19.1	
1.1/4"	133.3	98.4	4	19.1	
1.1/2"	155.6	114.3	4	22.2	
2"	165.1	127.0	8	19.1	
2.1/2"	190.5	149.2	8	22.2	
3"	209.5	168.3	8	22.2	
4"	273.0	184.1	8	25.4	
5"	330.2	266.7	8	28.6	
6"	355.6	292.1	12	28.6	
8"	419.1	349.2	12	31.7	
10"	508.0	431.8	16	34.9	
12"	558.8	488.9	20	34.9	



N= number of bolts