



PROCESS FLANGES

DIMENSIONS & PRESSURE RATINGS

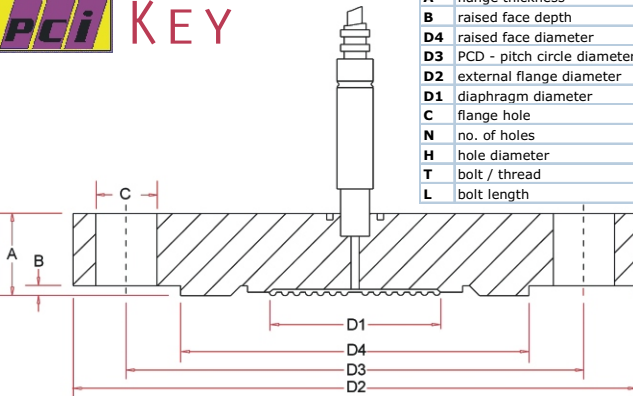
ASME B16.5 compliant Process Flanges

SIZE	RATING	A	B	D4	D3	D2	C: Flange Hole properties			
		(mm)	(mm)	(mm)	(mm)	(mm)	N	H	T	L
1/2"	150#	11.2	1.6	35.1	60.5	88.9	4	15.7	1/2"-13UNC	17
1/2"	300#	14.2	1.6	35.1	66.5	95.2	4	15.7	1/2"-13UNC	17
1/2"	400-600#	20.6	6.4	35.1	66.5	95.3	4	15.7	1/2"-13UNC	17
1/2"	900-1500#	28.7	6.4	35.1	82.5	120.6	4	22.3	3/4"-10UNC	25
1/2"	2500#	36.6	6.4	35.1	88.5	133.4	4	22.3	3/4"-10UNC	25
3/4"	150#	12.7	1.6	42.9	69.9	98.6	4	15.7	1/2"-13UNC	17
3/4"	300#	15.7	1.6	42.9	82.5	117.3	4	19.1	5/8"-11UNC	20
3/4"	400-600#	22.1	6.4	42.9	82.5	117.3	4	19.1	5/8"-11UNC	20
3/4"	900-1500#	31.8	6.4	42.9	88.9	130	4	22.3	3/4"-10UNC	25
3/4"	2500#	38.2	6.4	42.9	95.3	139.7	4	22.3	3/4"-10UNC	25
1"	150#	14.2	1.6	50.8	79.2	108	4	15.7	1/2"-13UNC	17
1"	300#	17.5	1.6	50.8	88.9	123.9	4	19.1	5/8"-11UNC	20
1"	400-600#	23.9	6.4	50.8	88.9	124	4	19.1	5/8"-11UNC	20
1"	900-1500#	34.8	6.4	50.8	101.6	149.3	4	25.4	7/8"-9 UNC	28
1"	2500#	41.5	6.4	50.8	108	158.8	4	25.4	7/8"-9 UNC	28
1 1/4"	150#	15.7	1.6	63.5	88.9	117.3	4	15.7	1/2"-13UNC	17
1 1/4"	300#	19	1.6	63.5	98.5	133.3	4	19.1	5/8"-11UNC	20
1 1/4"	400-600#	27	6.4	63.5	98.5	133.4	4	19.1	5/8"-11UNC	20
1 1/4"	900-1500#	34.8	6.4	63.5	111.2	158.7	4	25.4	7/8"-9 UNC	28
1 1/4"	2500#	44.5	6.4	63.5	130	184.2	4	28.4	1"-8 UNC	32
1 1/2"	150#	17.5	1.6	73.2	98.6	127	4	15.7	1/2"-13UNC	17
1 1/2"	300#	20.6	1.6	73.2	114.3	155.4	4	22.3	3/4"-10UNC	25
1 1/2"	400-600#	28.8	6.4	73.2	114.3	155.4	4	22.3	3/4"-10UNC	25
1 1/2"	900-1500#	38.1	6.4	73.2	123.9	177.8	4	28.4	1"-8 UNC	32
1 1/2"	2500#	50.9	6.4	73.2	146.1	203.2	4	31.8	1 1/8"-7 UNC	38
2"	150#	19.1	1.6	91.9	120.7	152.4	4	19.1	5/8"-11UNC	20
2"	300#	22.4	1.6	91.9	127	165.1	8	19.1	5/8"-11UNC	20
2"	400-600#	31.8	6.4	91.9	127	165.1	8	19.1	5/8"-11UNC	20
2"	900-1500#	44.5	6.4	91.9	165.1	215.9	8	25.4	7/8"-9 UNC	28
2"	2500#	57.2	6.4	91.9	171.5	235	8	28.4	1"-8 UNC	32
3"	150#	23.9	1.6	127	152.4	190.5	4	19.1	5/8"-11UNC	20
3"	300#	28.4	1.6	127	168.1	209.5	8	22.3	3/4"-10UNC	25
3"	400-600#	38.2	6.4	127	168.1	209.6	8	22.3	3/4"-10UNC	25
3"	900#	44.5	6.4	127	190.5	241.3	8	25.4	7/8"-9 UNC	28
3"	1500#	54.1	6.4	127	203.2	266.7	8	31.8	1 1/8"-7 UNC	38
3"	2500#	72.9	6.4	127	228.6	304.8	8	35.1	1 1/2"-7 UNC	41
4"	150#	23.9	1.6	157.2	190.5	228.6	8	19.1	5/8"-11UNC	20
4"	300#	31.7	1.6	157.2	200.1	254	8	22.3	3/4"-10UNC	25
4"	400#	37.9	6.4	157.2	200.2	254	8	25.4	7/8"-9 UNC	28
4"	600#	44.5	6.4	157.2	215.9	273.1	8	25.4	7/8"-9 UNC	28
4"	900#	50.8	6.4	157.2	234.9	292.1	8	25.4	7/8"-9 UNC	28
4"	1500#	50.2	6.4	157.2	241.3	311.1	8	35.1	1 1/2"-7 UNC	41
4"	2500#	82.6	6.4	157.2	273.1	355.6	8	41.1	1 1/2"-6 UNC	48



KEY

- A** flange thickness
- B** raised face depth
- D4** raised face diameter
- D3** PCD - pitch circle diameter
- D2** external flange diameter
- D1** diaphragm diameter
- C** flange hole
- N** no. of holes
- H** hole diameter
- T** bolt / thread
- L** bolt length





PROCESS FLANGES

DIMENSIONS & PRESSURE RATINGS

DIN 2501 compliant Process Flanges

DN	PN	C: Flange Hole properties								
		A (mm)	B (mm)	D4 (mm)	D3 (mm)	D2 (mm)	N	H	T	L
15	2.5-6	12	2	40	55	80	4	11	M10	13
15	10-40	16	2	45	65	95	4	14	M12	15
15	64-160	20	2	45	75	105	4	14	M12	15
15	250-320	26	2	45	90	130	4	18	M16	20
15	400	30	2	45	100	145	4	22	M20	25
20	2.5-6	14	2	50	65	90	4	11	M10	13
20	10-40	18	2	58	75	105	4	14	M12	15
25	2.5-6	14	2	60	75	100	4	11	M10	13
25	10-40	18	2	68	85	115	4	14	M12	15
25	64-160	24	2	68	100	140	4	18	M16	20
25	250	28	2	68	105	150	4	22	M20	25
25	320	34	2	68	115	160	4	22	M20	25
25	400	38	2	68	130	180	4	26	M24	30
32	2.5-6	14	2	70	90	120	4	14	M12	15
32	10-40	18	2	78	100	140	4	18	M16	20
40	2.5-6	14	3	80	100	130	4	14	M12	15
40	10-40	18	3	88	110	150	4	18	M16	20
40	64-160	28	3	88	125	170	4	22	M16	20
40	250	34	3	88	135	185	4	26	M24	30
40	320	38	3	88	145	195	4	26	M24	30
40	400	48	3	88	165	220	4	30	M27	34
50	2.5-6	14	3	90	110	140	4	14	M12	15
50	10-40	20	3	102	125	165	4	18	M16	20
50	64	26	3	102	135	180	4	22	M20	25
50	100-160	30	3	102	145	195	4	26	M24	30
50	250	38	3	102	150	200	8	26	M24	30
50	320	42	3	102	160	210	8	26	M24	30
50	400	52	3	102	180	235	8	30	M27	34
80	2.5-6	16	3	128	150	190	4	18	M16	20
80	10-40	24	3	138	160	200	8	18	M16	20
80	64	28	3	138	170	215	8	22	M20	25
80	100-160	36	3	138	180	230	8	26	M24	30
80	250	46	3	138	200	255	8	30	M27	34
80	320	55	3	138	220	275	8	30	M27	34
80	400	68	3	138	240	305	8	33	M30	38
100	2.5-6	16	3	148	170	210	4	18	M16	20
100	10-40	24	3	162	190	235	8	22	M20	25
100	64	30	3	162	200	250	8	26	M24	30
100	100-160	40	3	162	210	265	8	30	M27	34
100	250	54	3	162	235	300	8	33	M30	38
100	320	65	3	162	265	335	8	36	M33	42
100	400	80	3	162	295	370	8	39	M36	45

