

CLASS 150#

ANSI B16.5 - 1/16" Raised Face Mate with 125# Cast Iron Flanges - ANSI B16.1							
Size	Flange Diameter	Flange Thickness	Bolt Circle Diameter	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Stud Bolts
2	6	5/8	4 3/4	3/4	4	5/8	3 1/4
2 1/2	7	11/16	5 1/2	3/4	4	5/8	3 1/2
3	7 1/2	3/4	6	3/4	4	5/8	3 3/4
3 1/2	8 1/2	13/16	7	3/4	8	5/8	3 3/4
4	9	15/16	7 1/2	3/4	8	5/8	3 3/4
5	10	15/16	8 1/2	7/8	8	3/4	4
6	11	1	9 1/2	7/8	8	3/4	4
8	13 1/2	1 1/8	11 3/4	7/8	8	3/4	4 1/4
10	16	1 3/16	14 1/4	1	12	7/8	4 3/4
12	19	1 1/4	17	1	12	7/8	4 3/4
14	21	1 3/8	18 3/4	1 1/8	12	1	5 1/4
16	23 1/2	1 7/16	21 1/4	1 1/8	16	1	5 1/2
18	25	1 9/16	22 3/4	1 1/4	16	1 1/8	6
20	27 1/2	1 11/16	25	1 1/4	20	1 1/8	6 1/4
24	32	1 7/8	29 1/2	1 3/8	20	1 1/4	7

CLASS 300#

ANSI B16.5 - 1/16" Raised Face Mate with 250# Cast Iron Flanges - ANSI B16.1							
Size	Flange Diameter	Flange Thickness	Bolt Circle Diameter	Bolt Hole Diameter	Number of Bolts	Diameter of Bolts	Length of Stud Bolts
2	6 1/2	7/8	5	3/4	8	5/8	3 1/2
2 1/2	7 1/2	1	5 7/8	7/8	8	3/4	4
3	8 1/4	1 1/8	6 5/8	7/8	8	3/4	4 1/4
3 1/2	9	1 3/16	7 1/4	7/8	8	3/4	4 1/2
4	10	1 1/4	7 7/8	7/8	8	3/4	4 1/2
5	11	1 3/8	9 1/4	7/8	8	3/4	4 3/4
6	12 1/2	1 7/16	10 5/8	7/8	12	3/4	5
8	15	1 5/8	13	1	12	7/8	5 1/2
10	17 1/2	1 7/8	15 1/4	1 1/8	16	1	6 1/4
12	20 1/2	2	17 3/4	1 1/4	16	1 1/8	6 3/4
14	23	2 1/8	20 1/4	1 1/4	20	1 1/8	7
16	25 1/2	2 1/4	22 1/2	1 3/8	20	1 1/4	7 1/2
18	28	2 3/8	24 3/4	1 3/8	24	1 1/4	7 3/4
20	30 1/2	2 1/2	27	1 3/8	24	1 1/4	8 1/4
24	36	2 3/4	32	1 5/8	24	1 1/2	9 1/4

METRIC EQUIVALENTS

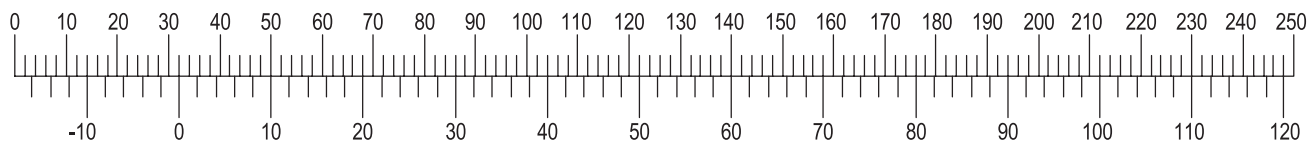
CONVERSION FROM INCHES TO MILLIMETERS					
in.	mm	in.	mm	in.	mm
1	25.4	36	914.4	71	1803.4
2	50.8	37	939.8	72	1828.8
3	76.2	38	965.2	73	1854.2
4	101.6	39	990.6	74	1879.6
5	127.0	40	1016.0	75	1905.0
6	152.4	41	1041.4	76	1930.4
7	177.8	42	1066.8	77	1955.8
8	203.2	43	1092.2	78	1981.2
9	228.6	44	1117.6	79	2006.6
10	254.0	45	1143.0	80	2032.0
11	279.4	46	1168.4	81	2057.4
12	304.8	47	1193.8	82	2082.8
13	330.2	48	1219.2	83	2108.2
14	355.6	49	1244.6	84	2133.6
15	381.0	50	1270.0	85	2159.0
16	406.4	51	1295.4	86	2184.4
17	431.8	52	1320.8	87	2209.8
18	457.2	53	1346.2	88	2235.2
19	482.6	54	1371.6	89	2260.6
20	508.0	55	1397.0	90	2286.0
21	533.4	56	1422.4	91	2311.4
22	558.8	57	1447.8	92	2336.8
23	584.2	58	1473.2	93	2362.2
24	609.6	59	1498.6	94	2387.6
25	635.0	60	1524.0	95	2413.0
26	660.4	61	1549.4	96	2438.4
27	685.8	62	1574.8	97	2463.8
28	711.2	63	1600.2	98	2489.2
29	736.6	64	1625.6	99	2514.6
30	762.0	65	1651.0	100	2540.0
31	787.4	66	1676.4		
32	812.8	67	1701.8		
33	838.2	68	1727.2		
34	863.6	69	1752.6		
35	889.0	70	1778.0		

CONVERSION FROM FRACTIONAL INCHES TO MILLIMETERS					
in.	mm	in.	mm	in.	mm
1/64	0.016	0.397	33/64	0.516	13.097
1/32	0.031	0.794	17/32	0.531	13.494
3/64	0.047	1.191	35/64	0.547	13.891
1/16	0.063	1.588	9/16	0.563	14.288
5/64	0.078	1.984	37/64	0.578	14.684
3/32	0.094	2.381	19/32	0.594	15.081
7/64	0.109	2.778	39/64	0.609	15.478
1/8	0.125	3.175	5/8	0.625	15.875
9/64	0.141	3.572	41/64	0.641	16.272
5/32	0.156	3.969	21/32	0.656	16.669
11/64	0.172	4.366	43/64	0.672	17.066
3/16	0.188	4.763	11/16	0.688	17.463
13/64	0.203	5.159	45/64	0.703	17.859
7/32	0.219	5.556	23/32	0.719	18.256
15/64	0.234	5.953	47/64	0.734	18.653
1/4	0.250	6.350	3/4	0.750	19.050
17/64	0.266	6.747	49/64	0.766	19.447
9/32	0.281	7.144	25/32	0.781	19.844
19/64	0.297	7.541	51/64	0.797	20.241
5/16	0.313	7.938	13/16	0.813	20.638
21/64	0.328	8.334	53/64	0.828	21.034
11/32	0.344	8.731	27/32	0.844	21.431
23/64	0.359	9.128	55/64	0.859	21.828
3/8	0.375	9.525	7/8	0.875	22.225
25/64	0.391	9.922	57/64	0.891	22.622
13/32	0.406	10.319	29/32	0.906	23.019
27/64	0.422	10.716	59/64	0.922	23.416
7/16	0.438	11.113	15/16	0.938	23.813
29/64	0.453	11.509	61/64	0.953	24.209
15/32	0.469	11.906	31/32	0.969	24.606
31/64	0.484	12.303	63/64	0.984	25.003
1/2	0.500	12.700	1	1.000	25.400

Temperature Conversions

$$F^{\circ} = C^{\circ} \times 1.8 + 32$$

$$C^{\circ} = (F - 32) / 1.8$$



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