



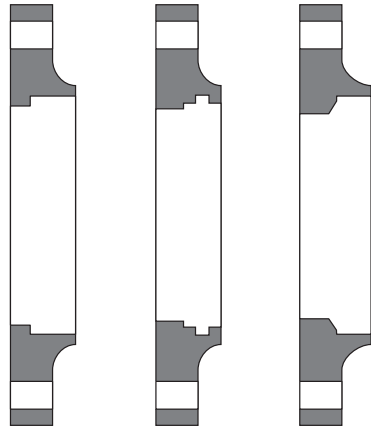
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 Lemon Grove, CA 91945  
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# QUICK REFERENCE FLANGE CHART

## ANSI B16.5 (COMMERCIAL) & MIL-F-20042 (NAVY)

150# MIL-F-20042 FLANGES

SIZE	Diameter	Thickness	Bolt Circle	No of holes	Drill Size
1/4"	3 1/4	3/8	2 1/8	3	9/16
3/8"	3 3/8	3/8	2 1/4	3	9/16
1/2"	3 9/16	3/8	2 7/16	3	9/16
3/4"	3 13/16	7/16	2 11/16	4	9/16
1"	4 1/4	7/16	3 1/8	4	9/16
1 1/4"	4 1/2	7/16	3 3/8	4	9/16
1 1/2"	5 1/16	7/16	3 15/16	6	9/16
2"	5 9/16	7/16	4 7/16	6	9/16
2 1/2"	6 1/8	1/2	5	6	9/16
3"	6 5/8	1/2	5 1/2	8	9/16
3 1/2"	7 3/16	1/2	6 1/16	8	9/16
4"	7 11/16	1/2	6 9/16	8	9/16
5"	9 1/16	9/16	7 13/16	10	11/16
6"	10 1/8	9/16	8 7/8	12	11/16
8"	12 3/8	5/8	11 1/16	14	11/16
10"	15	11/16	13 7/16	15	13/16
11"	16 9/16	11/16	15	16	13/16
12"	17 5/8	3/4	16 1/16	18	13/16



Socket Weld

Sil Braze

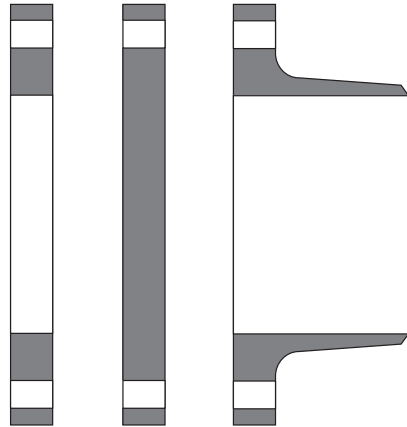
Butterfly

150# ANSI B16.5 FLANGES

SIZE	Diameter	Thickness	Bolt Circle	No of holes	Drill Size
1/2"	3 1/2	5/16	2 3/8	4	5/8
3/4"	3 7/8	11/32	2 3/4	4	5/8
1"	4 1/4	3/8	3 1/8	4	5/8
1 1/4"	4 5/8	13/32	3 1/2	4	5/8
1 1/2"	5	7/16	3 7/8	4	5/8
2"	6	1/2	4 3/4	4	3/4
2 1/2"	7	9/16	5 1/2	4	3/4
3"	7 1/2	5/8	6	4	3/4
3 1/2"	8 1/2	11/16	7	8	3/4
4"	9	11/16	7 1/2	8	3/4
5"	10	3/4	8 1/2	8	7/8
6"	11	13/16	9 1/2	8	7/8
8"	13 1/2	15/16	11 3/4	8	7/8
10"	16	1	14 1/4	12	1
12"	19	1 1/16	17	12	1

250# MIL-F-20042 FLANGES

SIZE	Diameter	Thickness	Bolt Circle	No of holes	Drill Size
1/4"	3 1/4	11/16	2 1/8	3	9/16
3/8"	3 3/8	11/16	2 1/8	3	9/16
1/2"	3 9/16	11/16	2 7/16	3	9/16
3/4"	3 13/16	11/16	2 11/16	4	9/16
1"	4 1/4	3/4	3 1/8	4	9/16
1 1/4"	4 1/2	13/16	3 3/8	4	9/16
1 1/2"	5 1/16	13/16	3 15/16	6	9/16
2"	5 9/16	13/16	4 7/16	6	11/16
2 1/2"	6 1/8	15/16	5	6	11/16
3"	6 5/8	15/16	5 1/2	8	11/16
3 1/2"	7 3/16	1	6 1/16	8	11/16
4"	7 11/16	1	6 9/16	8	11/16
5"	9 1/16	1 1/16	7 13/16	10	11/16
6"	10 1/8	1 3/16	8 7/8	12	11/16
8"	12 3/8	1 5/16	11 1/16	14	11/16
10"	15	1 7/16	13 7/16	15	13/16
12"	17 5/8	1 1/2	16 1/16	18	13/16



Slip-On

Blind

Weld Neck

400# MIL-F-20042 FLANGES

SIZE	Diameter	Thickness	Bolt Circle	No of holes	Drill Size
1/4"	3 3/4	11/16	2 5/8	3	9/16
3/8"	3 7/8	11/16	2 3/4	4	9/16
1/2"	4	11/16	2 7/8	4	9/16
3/4"	4 5/16	11/16	3 3/16	4	9/16
1"	5 1/16	3/4	3 3/4	5	11/16
1 1/4"	5 3/8	13/16	4 1/16	5	11/16
1 1/2"	5 15/16	13/16	4 5/8	6	11/16
2"	6 1/2	13/16	5 3/16	7	11/16
2 1/2"	7 9/16	15/16	6	8	13/16
3"	8 1/8	15/16	6 9/16	8	13/16
3 1/2"	8 11/16	1	7 1/8	9	13/16
4"	9 1/4	1	7 11/16	9	13/16
5"	10 3/8	1 1/16	8 13/16	11	13/16
6"	11 15/16	1 3/16	10 3/16	12	15/16
8"	14 3/4	1 5/16	12 3/4	13	1 1/16
10"	17	1 7/16	15	15	1 1/16

