

technicalthreads

398 Cincinnati St | Franklin, IN 46131

SHIPPING 24/7/365

We are a manufacture and master distributor for industrial bolting and gasket products within the piping industry. We specialize in not only providing the materials for these systems, but also speaking the languages of our customers and understanding specifications and individual applications. Located in the Midwest, the majority of our orders are just a day away!

AML Approved Material In Stock

Gaskets

Semi-Metallic
Non-Metallic
Metallic
Flange Insulation Kits

BNG Kits

Standards
Customs per project
requirements
Private Labeled

Fasteners

ASTM A193 B7
ASTM A193 B8/8M
ASTM A193 B16
ASTM A320 L7
ASTM A307
Exotics



Stock Coatings Include: Blue Teflon, Zinc, Galvanized, Cadmium

tech-threads.com

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Class 150

NPS	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts (Note(1))	
						Raised Face 0.06 in	Ring Joint
1/2	3 1/2	2 3/8	5/8	4	1/2	2 1/4	-
3/4	3 7/8	2 3/4	5/8	4	1/2	2 1/2	-
1	4 1/4	3 1/8	5/8	4	1/2	2 1/2	3
1 1/4	4 5/8	3 1/2	5/8	4	1/2	2 3/4	3 1/4
1 1/2	5	3 7/8	5/8	4	1/2	2 3/4	3 1/4
2	6	4 3/4	3/4	4	5/8	3 1/4	3 3/4
2 1/2	7	5 1/2	3/4	4	5/8	3 1/2	4
3	7 1/2	6	3/4	4	5/8	3 1/2	4
3 1/2	8 1/2	7	3/4	8	5/8	3 1/2	4
4	9	7 1/2	3/4	8	5/8	3 1/2	4
5	10	8 1/2	7/8	8	3/4	3 3/4	4 1/4
6	11	9 1/2	7/8	8	3/4	4	4 1/2
8	13 1/2	11 3/4	7/8	8	3/4	4 1/4	4 3/4
10	16	14 3/4	1	12	7/8	4 1/2	5
12	19	17	1	12	7/8	4 3/4	5 1/4
14	21	18 3/4	1 1/8	12	1	5 1/4	5 3/4
16	23 1/2	21 1/4	1 1/8	16	1	5 1/4	5 3/4
18	25	22 3/4	1 1/4	16	1 1/8	5 3/4	6 1/4
20	27 1/2	25	1 1/4	20	1 1/8	6 1/4	6 3/4
24	32	29 1/2	1 1/4	20	1 1/4	6 3/4	7 1/4

Dimensions in Inches

Class 300

NPS	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts (Note(1))	
						Raised Face 0.06 in	Ring Joint
1/2	3 3/4	2 5/8	5/8	4	1/2	2 1/2	3
3/4	4 5/8	3 1/4	3/4	4	5/8	3	3 1/2
1	4 7/8	3 1/2	3/4	4	5/8	3	3 1/2
1 1/4	5 1/4	3 7/8	3/4	4	5/8	3 1/4	3 3/4
1 1/2	6 1/8	4 1/2	7/8	4	3/4	3 1/2	4
2	6 1/2	5	3/4	8	5/8	3 1/2	4
2 1/2	7 1/2	5 7/8	7/8	8	3/4	4	4 1/2
3	8 1/4	6 5/8	7/8	8	3/4	4 1/4	4 3/4
3 1/2	9	7 1/4	7/8	8	3/4	4 1/4	5
4	10	7 7/8	7/8	8	3/4	4 1/2	5
5	11	9 1/4	7/8	8	3/4	4 3/4	5 1/4
6	12 1/2	10 5/8	7/8	12	3/4	4 3/4	5 1/2
8	15	13	1	12	7/8	5 1/2	6
10	17 1/2	15 1/4	1 1/8	16	1	6 1/4	6 3/4
12	20 1/2	17 3/4	1 1/4	16	1 1/8	6 3/4	7 1/4
14	23	20 1/4	1 1/4	20	1 1/8	7	7 1/2
16	25 1/2	22 1/2	1 3/8	20	1 1/4	7 1/2	8
18	28	24 3/4	1 3/8	24	1 1/4	7 3/4	8 1/4
20	30 1/2	27	1 3/8	24	1 1/4	8	8 3/4
24	36	32	1 5/8	24	1 1/2	9	10

Dimensions in Inches

Class 600

NPS	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts (Note(1))	
						Raised Face 0.06 in	Ring Joint
1/2	3 3/4	2 5/8	5/8	4	1/2	3	3
3/4	4 5/8	3 1/4	3/4	4	5/8	3 1/2	3 1/2
1	4 7/8	3 1/2	3/4	4	5/8	3 1/2	3 1/2
1 1/4	5 1/4	3 7/8	3/4	4	5/8	3 3/4	3 3/4
1 1/2	6 1/8	4 1/2	7/8	4	3/4	4 1/4	4 1/4
2	6 1/2	5	3/4	8	5/8	4 1/4	4 1/4
2 1/2	7 1/2	5 7/8	7/8	8	3/4	4 3/4	4 3/4
3	8 1/4	6 5/8	7/8	8	3/4	5	5
3 1/2	9	7 1/4	1	8	7/8	5 1/2	5 1/2
4	10 3/4	8 1/2	1	8	7/8	5 3/4	5 3/4
5	13	10 1/2	1 1/8	8	1	6 1/2	6 1/2
6	14	11 1/2	1 1/8	12	1	6 3/4	6 3/4
8	16 1/2	13 3/4	1 1/4	12	1 1/8	7 1/2	7 3/4
10	20	17	1 3/8	16	1 1/4	8 1/2	8 1/2
12	22	19 1/4	1 3/8	20	1 1/4	8 3/4	8 3/4
14	23 3/4	20 3/4	1 1/2	20	1 3/8	9 1/4	9 1/4
16	27	23 3/4	1 5/8	20	1 1/2	10	10
18	29 1/4	25 3/4	1 3/4	20	1 5/8	10 3/4	10 3/4
20	32	28 1/2	1 3/4	24	1 5/8	11 1/4	11 1/2
24	37	33	2	24	1 7/8	13	13 1/4

Dimensions in Inches

Class 900

NPS	Outside Diameter of Flange	Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts	Diameter of Bolts	Length of Stud Bolts (Note(1))	
						Raised Face 0.06 in	Ring Joint
1/2	4 3/4	3 1/4	7/8	4	3/4	4 1/4	4 1/4
3/4	5 1/8	3 1/2	7/8	4	3/4	4 1/2	4 1/2
1	5 7/8	4	1	4	7/8	5	5
1 1/4	6 1/4	4 3/8	1	4	7/8	5	5
1 1/2	7	4 7/8	1 1/8	4	1	5 1/2	5 1/2
2	8 1/2	6 1/2	1	8	7/8	5 3/4	5 3/4
2 1/2	9 5/8	7 1/2	1 1/8	8	1	6 1/4	6 1/4
3	9 1/2	7 1/2	1	8	7/8	5 3/4	5 3/4
4	11 1/2	9 1/4	1 1/4	8	1 1/8	6 3/4	6 3/4
5	13 3/4	11	1 3/8	8	1 1/4	7 1/2	7 1/2
6	15	12 1/2	1 1/4	12	1 1/8	7 1/2	7 3/4
8	18 1/2	15 1/2	1 1/2	12	1 3/8	8 3/8	8 3/4
10	21 1/2	18 1/2	1 1/2	16	1 3/8	9 1/4	9 1/4
12	24	21	1 1/2	20	1 3/8	10	10
14	25 1/4	22	1 5/8	20	1 1/2	10 3/4	11
16	27 3/4	24 1/4	1 3/4	20	1 5/8	11 1/4	11 1/2
18	31	27	2	20	1 7/8	12 3/4	13 1/4
20	33 3/4	29 1/2	2 1/8	20	2	13 3/4	14 1/4
24	41	35 1/2	2 5/8	20	2 1/2	17 1/4	18

Dimensions in Inches

Note 1: Standard length dimensions are measured end to end. Non standard measurement is measured first thread to first thread. Please confirm at time of order. Above dimensions are a guide only.