



FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 150# FLANGE (MM)

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 150# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	89	60	16	4
3/4	27	99	70	16	4
1	33	108	80	16	4
1-1/4	42	118	89	16	4
1-1/2	49	127	99	16	4
2	60	152	121	19	4
2-1/2	73	178	140	19	4
3	89	191	152	19	4
3-1/2	102	216	178	19	8
4	114	229	191	19	8
5	141	254	216	22	8
6	168	279	241	22	8
8	219	343	298	22	8
10	273	406	362	25	12
12	324	483	432	25	12
14	356	533	476	29	12
16	406	597	540	29	16
18	457	635	578	32	16
20	508	699	635	32	20

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
24	610	813	749	35	20
26	660	870	806	35	24
28	711	927	864	35	28
30	762	984	914	35	28
32	813	1060	978	41	28
34	864	1111	1029	41	32
36	914	1168	1086	41	32
38	965	1238	1149	41	32
40	1016	1289	1200	41	36
42	1067	1346	1257	41	36
44	1118	1403	1314	41	40
46	1168	1454	1365	41	40
48	1219	1511	1422	41	44
50	1270	1568	1480	48	44
52	1321	1626	1537	48	44
54	1372	1683	1594	48	44
56	1422	1746	1651	48	48
58	1473	1803	1708	48	48
60	1524	1854	1759	48	52

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 300# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	95	67	16	4
3/4	27	117	83	19	4
1	33	124	89	19	4
1-1/4	42	133	99	19	4
1-1/2	49	155	114	22	4
2	60	165	127	19	8
2-1/2	73	191	149	22	8
3	89	210	168	22	8
3-1/2	102	229	184	22	8
4	114	254	200	22	8
5	141	279	235	22	8
6	168	318	270	22	12
8	219	381	330	25	12
10	273	445	387	28	16
12	324	521	451	32	16
14	356	584	514	32	20
16	406	648	572	35	20
18	457	711	629	35	24
20	508	775	686	35	24
24	610	914	813	41	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 300# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	660	972	876	44	28
28	711	1035	940	44	28
30	762	1092	997	48	28
32	813	1149	1054	51	28
34	864	1207	1105	51	28
36	914	1270	1168	54	32
38	965	1168	1092	41	32
40	1016	1238	1156	44	32
42	1067	1289	1207	44	32
44	1118	1353	1264	48	32
46	1168	1416	1321	51	28
48	1219	1467	1372	51	32
50	1270	1530	1429	54	32
52	1321	1581	1480	54	32
54	1372	1657	1549	60	28
56	1422	1708	1600	60	28
58	1473	1759	1651	60	32
60	1524	1810	1702	60	32

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 400# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	95	67	16	4
3/4	27	117	83	19	4
1	33	124	89	19	4
1-1/4	42	133	99	19	4
1-1/2	49	155	114	22	4
2	60	165	127	19	8
2-1/2	73	191	149	22	8
3	89	210	168	22	8
3-1/2	102	229	184	25	8
4	114	254	200	25	8
5	141	279	235	25	8
6	168	318	270	25	12
8	219	381	330	28	12
10	273	445	387	32	16
12	324	521	451	35	16
14	356	584	514	35	20
16	406	648	572	38	20
18	457	711	629	38	24
20	508	775	686	41	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 400# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
24	610	914	813	48	24
26	660	972	876	48	28
28	711	1035	940	51	28
30	762	1092	997	54	28
32	813	1149	1054	54	28
34	864	1207	1105	54	28
36	914	1270	1168	54	32
38	965	1207	1118	48	32
40	1016	1270	1175	51	32
42	1067	1321	1226	51	32
44	1118	1384	1283	54	32
46	1168	1441	1340	54	36
48	1219	1511	1403	60	28
50	1270	1568	1461	60	32
52	1321	1619	1511	60	32
54	1372	1702	1581	67	28
56	1422	1753	1632	67	32
58	1473	1803	1683	67	32
60	1524	1886	1753	73	32

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 600# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	95	67	16	4
3/4	27	117	83	19	4
1	33	124	89	19	4
1-1/4	42	133	99	19	4
1-1/2	49	155	114	22	4
2	60	165	127	19	8
2-1/2	73	191	149	22	8
3	89	210	168	22	8
3-1/2	102	229	184	25	8
4	114	273	216	25	8
5	141	330	267	28	8
6	168	356	292	28	12
8	219	419	349	32	12
10	273	508	432	35	16
12	324	559	489	35	20
14	356	603	527	38	20
16	406	686	603	41	20
18	457	743	654	44	20
20	508	813	724	44	24
24	610	940	838	51	24

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 600# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	660	1016	914	51	28
28	711	1073	965	54	28
30	762	1130	1022	54	28
32	813	1194	1080	60	28
34	864	1245	1130	60	28
36	914	1314	1194	67	28
38	965	1270	1162	60	28
40	1016	1321	1213	60	32
42	1067	1403	1283	67	28
44	1118	1454	1334	67	32
46	1168	1511	1391	67	32
48	1219	1594	1461	73	32
50	1270	1670	1524	79	28
52	1321	1721	1575	79	32
54	1372	1778	1632	79	32
56	1422	1854	1695	86	32
58	1473	1905	1746	86	32
60	1524	1994	1822	92	28

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 900# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	121	83	22	4
3/4	27	130	89	22	4
1	33	149	102	25	4
1-1/4	42	159	111	25	4
1-1/2	49	178	124	28	4
2	60	216	165	25	8
2-1/2	73	244	191	28	8
3	89	241	191	25	8
4	114	292	235	32	8
5	141	349	279	35	8
6	168	381	318	32	12
8	219	470	394	38	12
10	273	546	470	38	16
12	324	610	533	38	20
14	356	641	559	41	20
16	406	705	616	44	20
18	457	787	686	51	20
20	508	857	749	54	20
24	610	1041	902	67	20

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.47 900# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
26	660	1086	953	73	20
28	711	1168	1022	79	20
30	762	1232	1086	79	20
32	813	1314	1156	86	20
34	864	1397	1226	92	20
36	914	1461	1289	92	20
38	965	1461	1289	92	20
40	1016	1511	1340	92	24
42	1067	1562	1391	92	24
44	1118	1648	1464	99	24
46	1168	1734	1537	105	24
48	1219	1784	1588	105	24

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST

FULL FACE GASKET

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 1500# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	121	83	22	4
3/4	27	130	89	22	4
1	33	149	102	25	4
1-1/4	42	159	111	25	4
1-1/2	49	178	124	28	4
2	60	216	165	25	8
2-1/2	73	244	191	28	8
3	89	267	203	32	8
4	114	311	241	35	8
5	141	375	292	41	8
6	168	394	318	38	12
8	219	483	394	44	12
10	273	584	483	51	12
12	324	673	572	54	16
14	356	749	635	60	16
16	406	826	705	67	16
18	457	914	775	73	16
20	508	984	832	79	16
24	610	1168	991	92	16

ASME B16.21 GASKET DIMENSIONS FOR ASME B16.5 2500# FLANGE (MM)

NOMINAL PIPE SIZE (NPS)	INTERNAL DIAMETER (ID)	OUTER DIAMETER (OD)	BOLT CIRCLE DIAMETER	BOLT DIAMETER	BOLT HOLE QUANTITY
1/2	21	133	89	22	4
3/4	27	140	95	22	4
1	33	159	108	25	4
1-1/4	42	184	130	28	4
1-1/2	49	203	146	32	4
2	60	235	171	28	8
2-1/2	73	267	197	32	8
3	89	305	229	35	8
4	114	356	273	41	8
5	141	419	324	48	8
6	168	483	368	54	8
8	219	552	438	54	12
10	273	673	540	67	12
12	324	762	619	73	12

*STANDARD AVAILABLE THICKNESSES - 1.5MM, 3.0MM, 6.0MM
CUSTOM SIZE AVAILABLE ON REQUEST