

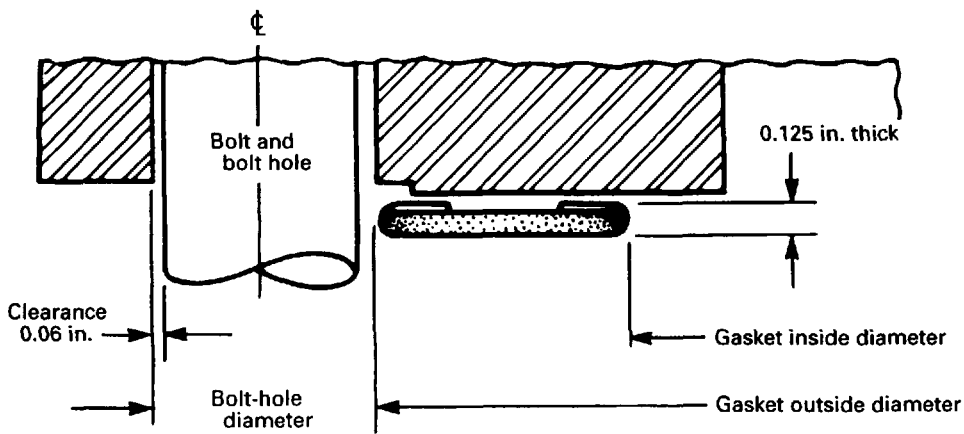
**TABLE 21 JACKETED GASKET DIMENSIONS FOR ASME B16.5 FLANGES**

Flange Size (NPS)	Gasket Inside Diameter (1)	Gasket Outside Diameter by Class (1)						
		150	300	400 (2)	600	900 (3)	1500	2500 (4)
1/2	0.88	1.75	2.00	...	2.00	...	2.38	2.63
3/4	1.13	2.13	2.50	...	2.50	...	2.63	2.88
1	1.50	2.50	2.75	...	2.75	...	3.00	3.25
1 1/4	1.88	2.88	3.13	...	3.13	...	3.38	4.00
1 1/2	2.13	3.25	3.63	...	3.63	...	3.75	4.50
2	2.88	4.00	4.25	...	4.25	...	5.50	5.63
2 1/2	3.38	4.75	5.00	...	5.00	...	6.38	6.50
3	4.25	5.25	5.75	...	5.75	6.50	6.75	7.63
4	5.19	6.75	7.00	6.88	7.50	8.00	8.13	9.13
5	6.00	7.63	8.38	8.25	9.38	9.63	9.88	10.88
6	7.50	8.63	9.75	9.63	10.38	11.25	11.00	12.38
8	9.38	10.88	12.00	11.88	12.50	14.00	13.75	15.13
10	11.25	13.25	14.13	14.00	15.63	17.00	17.00	18.63
12	13.50	16.00	16.50	16.38	17.88	19.50	20.38	21.50
14	14.75	17.63	19.00	18.88	19.25	20.38	22.63	...
16	16.75	20.13	21.13	21.00	22.13	22.50	25.13	...
18	19.25	21.50	23.38	23.25	24.00	25.00	27.63	...
20	21.00	23.75	25.63	25.38	26.75	27.38	29.63	...
24	25.25	28.13	30.38	30.13	31.00	32.88	35.38	...

GENERAL NOTE: The gasket-thickness tolerance is +0.03 in., -0.000 in.

NOTES:

- (1) For gaskets NPS 1/2 through NPS 24, the outside and inside diameter tolerances are +0.06 in., -0.000 in.
- (2) There are no Class 400 flanges NPS 1/2 through NPS 3 (use Class 600).
- (3) There are no Class 900 flanges NPS 1/2 through NPS 2 1/2 (use Class 1500).
- (4) There are no Class 2500 flanges NPS 14 and larger.



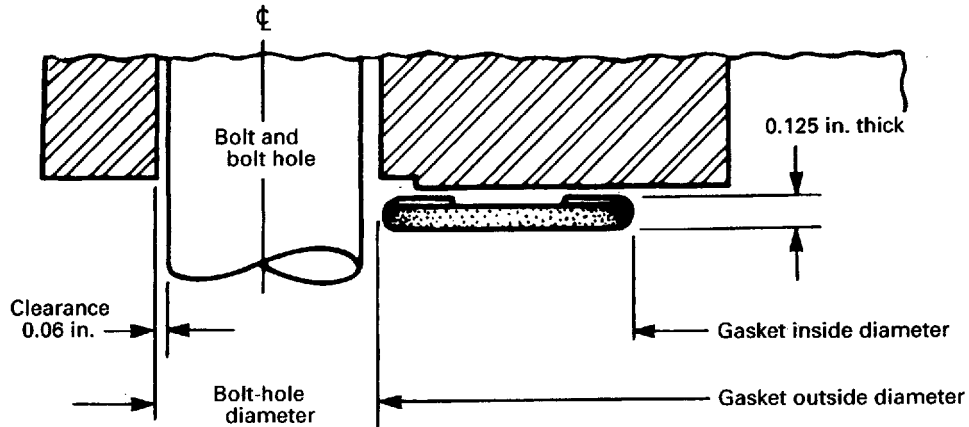
**TABLE 22 JACKETED GASKET DIMENSIONS FOR ASME B16.47 SERIES A FLANGES**

Flange Size (NPS)	Gasket Inside Diameter (1)	Gasket Outside Diameter by Class (1)				
		150	300	400	600	900 (2)
26	26.50	30.38	32.75	32.63	34.00	34.63
28	28.50	32.63	35.25	35.00	35.88	37.13
30	30.50	34.63	37.38	37.13	38.13	39.63
32	32.50	36.88	39.50	39.38	40.13	42.13
34	34.50	38.88	41.50	41.38	42.13	44.63
36	36.50	41.13	43.88	43.88	44.38	47.13
38	38.50	43.63	41.38	42.13	43.38	47.13
40	40.50	45.63	43.75	44.25	45.38	49.13
42	42.50	47.88	45.75	46.25	47.88	51.13
44	44.50	50.13	47.88	48.38	49.88	53.75
46	46.50	52.13	50.00	50.63	52.13	56.38
48	48.50	54.38	52.00	52.88	54.63	58.38
50	50.50	56.38	54.13	55.13	56.88	...
52	52.50	58.63	56.13	57.13	58.88	...
54	54.50	60.88	58.63	59.63	61.13	...
56	56.50	63.13	60.63	61.63	63.13	...
58	58.50	65.38	62.63	63.63	65.38	...
60	60.50	67.38	64.63	66.13	68.13	...

GENERAL NOTE: The gasket-thickness tolerance is +0.03 in., -0.000 in.

NOTES:

- (1) For gaskets NPS 26 through NPS 60, the outside diameter and inside diameter tolerances are +0.13 in., -0.000 in.
- (2) There are no Class 900 flanges NPS 50 and larger.



**TABLE 23 JACKETED GASKET DIMENSIONS FOR ASME B16.47 SERIES B FLANGES**

Flange Size (NPS)	Gasket Inside Diameter (1)	Gasket Outside Diameter by Class (1)				
		150	300	400	600	900 (2)
26	26.50	28.44	30.25	29.25	30.00	32.88
28	28.50	30.44	32.38	31.38	32.13	35.38
30	30.50	32.44	34.75	33.63	34.50	37.63
32	32.50	34.56	36.88	35.75	36.63	39.88
34	34.50	36.69	39.00	37.75	39.13	42.13
36	36.50	38.75	41.13	40.13	41.13	44.13
38	38.50	41.00	43.13	42.13	43.38	47.13
40	40.50	43.00	45.13	44.25	45.38	49.13
42	42.50	45.00	47.13	46.25	47.88	51.13
44	44.50	47.00	49.13	48.38	49.88	53.75
46	46.50	49.31	51.75	50.63	52.13	56.38
48	48.50	51.31	53.75	52.88	54.63	58.38
50	50.50	53.31	55.75	55.13	56.88	...
52	52.50	55.31	57.75	57.13	58.88	...
54	54.50	57.50	60.13	59.63	61.13	...
56	56.50	59.50	62.63	61.63	63.13	...
58	58.50	62.06	65.06	63.63	65.38	...
60	60.50	64.06	67.06	66.13	68.13	...

GENERAL NOTE: The gasket-thickness tolerance is +0.03 in., -0.000 in.

NOTES:

(1) For gaskets NPS 26 through NPS 60, the outside diameter and inside diameter tolerances are +0.13 in., -0.000 in.

(2) There are no Class 900 flanges NPS 50 and larger.

**TABLE 24 ABBREVIATIONS FOR IDENTIFYING MATERIALS FOR JACKETED GASKETS**

Material	Abbreviation
<b>Metals</b>	
Al	Aluminum AL
CRS	Carbon steel CS
Cu	Copper CU
Ni-Mo (grade B2)	Hastelloy B HAST B
Ni-Mo-Cr (grade C-276)	Hastelloy C HAST C
Ni-Cr-Fe (grade 600)	Inconel 600 INC 600
Ni-Cr-Fe-Cb (grade 625)	Inconel 625 INC 625
Ni-Fe-Cr (grade 800)	Incoloy 800 IN 800
Ni-Cr-Fe-Ti (grade X-750)	Inconel X-750 INX
Ni-Cu (grade 400)	Monel MON
Nickel 200	Nickel NI
Soft iron	Soft iron Soft iron
Ni-Cr	Stainless steels 3-digit
Ta	Tantalum TANT
Ti	Titanium TI
<b>Fillers</b>	
	Asbestos ASB
	Ceramic CER
	Flexible graphite F.G.
	Polytetrafluoroethylene PTFE

**TABLE 25 EXAMPLE MARKINGS FOR JACKETED GASKETS**

Description	Marking
NPS 2½, Class 150 ASME B16.5 gasket having a Type 304 metal jacket and a flexible graphite filler material	2½-150-304/F.G. (Manufacturer's trademark) ASME B16.20
NPS 30, Class 300 ASME B16.47 Series B gasket having a carbon-steel jacket and a ceramic filler material	30-300-CS/CER ASME B16.47 B (Manufacturer's trademark) ASME B16.20