



## DIMENSIONS FOR SPIRAL - WOUND GASKETS USED WITH ASME B 16.47 SERIES A FLANGES

Flange Size (NPS)	Class 150			Class 300			Class 400			Class 600			Class 900		
	Gasket		Centering Ring	Gasket		Centering Ring	Gasket		Centering Ring	Gasket		Centering Ring	Gasket		Centering Ring
	Inside Diameter [Notes (1), (2)]	Outside Diameter [Note (3)]	Outside Diameter [Note (4)]	Inside Diameter [Notes (1), (2)]	Outside Diameter [Note (3)]	Outside Diameter [Note (4)]	Inside Diameter [Notes (1), (2)]	Outside Diameter [Note (3)]	Outside Diameter [Note (4)]	Inside Diameter [Notes (1), (2)]	Outside Diameter [Note (3)]	Outside Diameter [Note (4)]	Inside Diameter [Notes (1), (2), (5)]	Outside Diameter [Notes (3), (5)]	Outside Diameter [Notes (4), (5)]
26	673.1	704.9	774.7	685.8	736.6	835.2	685.8	736.6	831.9	685.8	736.6	866.9	685.8	736.6	882.7
28	723.9	755.7	831.9	736.6	787.4	898.7	736.6	787.4	892.3	736.6	787.4	914.4	736.6	787.4	946.2
30	774.7	806.5	882.7	793.8	844.6	952.5	793.8	844.6	946.2	793.8	844.6	971.6	793.8	844.6	1 009.7
32	825.5	860.6	939.8	850.9	901.7	1 006.6	850.9	901.7	1 003.3	850.9	901.7	1 022.4	850.9	901.7	1 073.2
34	876.3	911.4	990.6	901.7	952.5	1 057.4	901.7	952.5	1 054.1	901.7	952.5	1 073.2	901.7	952.5	1 136.7
36	927.1	968.5	1 047.8	955.8	1 006.6	1 117.6	955.8	1 006.6	1 117.6	955.8	1 006.6	1 130.3	958.9	1 009.7	1 200.2
38	977.9	1 019.3	1 111.3	977.9	1 016.0	1 054.1	971.6	1 022.4	1 073.2	990.6	1 041.4	1 104.9	1 035.1	1 085.9	1 200.2
40	1 028.7	1 070.1	1 162.1	1 022.4	1 070.1	1 114.6	1 025.7	1 076.5	1 127.3	1 047.8	1 098.6	1 155.7	1 098.6	1 149.4	1 251.0
42	1 079.5	1 124.0	1 219.2	1 073.2	1 120.9	1 165.4	1 076.5	1 127.3	1 178.1	1 104.9	1 155.7	1 219.2	1 149.4	1 200.2	1 301.8
44	1 130.3	1 178.1	1 276.4	1 130.3	1 181.1	1 219.2	1 130.3	1 181.1	1 231.9	1 162.1	1 212.9	1 270.0	1 206.5	1 257.3	1 368.6
46	1 181.1	1 228.9	1 327.2	1 178.1	1 228.9	1 273.3	1 193.8	1 244.6	1 289.1	1 212.9	1 263.7	1 327.2	1 270.0	1 320.8	1 435.1
48	1 231.9	1 279.7	1 384.3	1 235.2	1 286.0	1 324.1	1 244.6	1 295.4	1 346.2	1 270.0	1 320.8	1 390.7	1 320.8	1 371.6	1 485.9
50	1 282.7	1 333.5	1 435.1	1 295.4	1 346.2	1 378.0	1 295.4	1 346.2	1 403.4	1 320.8	1 371.6	1 447.8	...	...	...
52	1 333.5	1 384.3	1 492.3	1 346.2	1 397.0	1 428.8	1 346.2	1 397.0	1 454.2	1 371.6	1 422.4	1 498.6	...	...	...
54	1 384.3	1 435.1	1 549.4	1 403.4	1 454.2	1 492.3	1 403.4	1 454.2	1 517.7	1 428.8	1 479.6	1 555.8	...	...	...
56	1 435.1	1 485.9	1 606.6	1 454.2	1 505.0	1 543.1	1 454.2	1 505.0	1 568.5	1 479.6	1 530.4	1 612.9	...	...	...
58	1 485.9	1 536.7	1 663.7	1 511.3	1 562.1	1 593.9	1 505.0	1 555.8	1 619.3	1 536.7	1 587.5	1 663.7	...	...	...
60	1 536.7	1 587.5	1 714.5	1 562.1	1 612.9	1 644.7	1 568.5	1 619.3	1 682.8	1 593.9	1 644.7	1 733.6	...	...	...

**GENERAL NOTES:**

- (a) All dimensions are in millimeters.
- (b) For reference, see Table 10 illustration on previous page.
- (c) The gasket thickness tolerance is  $\pm 0.13$  mm measured across the metallic portion of the gasket, not including the filler, which may protrude slightly beyond the metal.
- (d) For limitations on the maximum flange bore for use with these spiral-wound gaskets, see Table 17.
- (e) ASME B16.47 Series A flanges NPS 12 through NPS 24 have the same raised face dimensions as ASME B16.5 flanges.

**NOTES:**

- (1) Refer to para. 3.2.5 for required use of inner rings.
- (2) The gasket inside diameter tolerance for NPS 26 through NPS 34 is  $\pm 0.8$  mm, and the tolerance for NPS 36 through NPS 60 is  $\pm 1.3$  mm.
- (3) The gasket outside diameter tolerance for NPS 26 through NPS 60 is  $\pm 1.5$  mm.
- (4) The centering ring outside diameter tolerance is  $\pm 0.8$  mm.
- (5) There are no Class 900 flanges NPS 50 and larger.