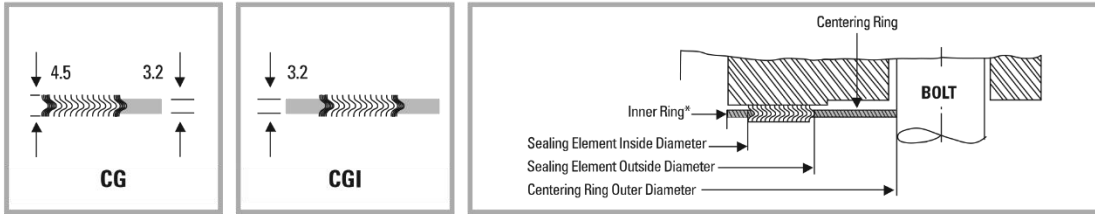


DIMENSIONAL DATA

SPIRAL WOUND GASKETS Dimensions to ASME B16.20 to suit ASME B16.5 Flanges



NOMINAL BORE	INNER RING ID						SEALING ELEMENT ID (1) (2)						SEALING ELEMENT OD						CENTERING RING OD (3)									
	#150	#300	#400 (5)	#600	#900 (5)	#1500	#2500 (5)	#150	#300	#400 (4)	#600	#900 (4)	#1500	#2500 (4)	#150	#300	#400	#600	#900	#1500	#2500	#150	#300	#400 (4)	#600	#900 (4)	#1500	#2500 (4)
15	14.2	14.2	-	14.2	-	14.2	14.2	19.1	19.1	-	19.1	-	19.1	19.1	31.8	31.8	31.8	31.8	31.8	31.8	31.8	47.8	54.1	-	54.1	-	63.5	69.9
20	20.6	20.6	-	20.6	-	20.6	20.6	25.4	25.4	-	25.4	-	25.4	25.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	57.2	66.8	-	66.8	-	69.9	76.2
25	26.9	26.9	-	26.9	-	26.9	26.9	31.8	31.8	-	31.8	-	31.8	31.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	66.8	73.2	-	73.2	-	79.5	85.9
32	38.1	38.1	-	38.1	-	33.3	33.3	47.8	47.8	-	47.8	-	39.6	39.6	60.5	60.5	60.5	60.5	60.5	60.5	60.5	76.2	82.6	-	82.6	-	88.9	104.9
40	44.5	44.5	-	44.5	-	41.4	41.4	54.1	54.1	-	54.1	-	47.8	47.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	85.9	95.3	-	95.3	-	98.6	117.6
50	55.6	55.6	-	55.6	-	52.3	52.3	69.9	69.9	-	69.9	-	58.7	58.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	104.9	111.3	-	111.3	-	143.0	146.1
65	66.5	66.5	-	66.5	-	63.5	63.5	82.6	82.6	-	82.6	-	69.9	69.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	124.0	130.3	-	130.3	-	165.1	168.4
80	81.0	81.0	-	81.0	78.7	78.7	78.7	101.6	101.6	-	101.6	95.3	92.2	92.2	120.7	120.7	120.7	120.7	120.7	120.7	120.7	136.7	149.4	-	149.4	168.4	174.8	196.9
100	106.4	106.4	102.6	102.6	102.6	97.8	97.8	127.0	127.0	120.7	120.7	120.7	117.6	117.6	149.4	149.4	149.4	149.4	149.4	149.4	149.4	174.8	181.1	177.8	193.8	206.5	209.6	235.0
125	131.8	131.8	128.3	128.3	128.3	124.5	124.5	155.7	155.7	147.6	147.6	147.6	143.0	143.0	177.8	177.8	177.8	177.8	177.8	177.8	177.8	196.9	215.9	212.9	241.3	247.7	254.0	279.4
150	157.2	157.2	154.9	154.9	154.9	147.3	147.3	182.6	182.6	174.8	174.8	174.8	171.5	171.5	209.6	209.6	209.6	209.6	209.6	209.6	209.6	222.3	251.0	247.7	266.7	289.1	282.7	317.5
200	215.9	215.9	205.7	205.7	196.9	196.9	196.9	233.4	233.4	225.6	225.6	222.3	215.9	215.9	263.7	263.7	263.7	263.7	257.3	257.3	257.3	279.4	308.1	304.8	320.8	358.9	352.6	387.4
250	268.2	268.2	255.3	255.3	246.1	246.1	246.1	287.3	287.3	274.6	274.6	276.4	266.7	270.0	317.5	317.5	317.5	317.5	311.2	311.2	311.2	339.9	362.0	358.9	400.1	435.1	435.1	476.3
300	317.5	317.5	307.3	307.3	292.1	292.1	292.1	339.9	339.9	327.2	327.2	323.9	323.9	317.5	374.7	374.7	374.7	374.7	368.3	368.3	368.3	409.7	422.4	419.1	457.2	498.6	520.7	549.4
350	349.3	349.3	342.9	342.9	320.8	320.8	-	371.6	371.6	362.0	362.0	355.6	362.0	-	406.4	406.4	406.4	406.4	400.1	400.1	-	450.9	485.9	482.6	492.3	520.7	577.9	-
400	400.1	400.1	389.9	389.9	374.7	368.3	-	422.4	422.4	412.8	412.8	412.8	406.4	-	463.6	463.6	463.6	463.6	457.2	457.2	-	514.4	539.8	536.7	565.2	574.8	641.4	-
450	449.3	449.3	438.2	438.2	425.5	425.5	-	474.7	474.7	469.9	469.9	463.6	463.6	-	527.1	527.1	527.1	527.1	520.7	520.7	-	549.4	596.9	593.9	612.9	638.3	704.9	-
500	500.1	500.1	489.0	489.0	482.6	476.3	-	525.5	525.5	520.7	520.7	520.7	514.4	-	577.9	577.9	577.9	577.9	571.5	571.5	-	606.6	654.1	647.7	682.8	698.5	755.7	-
600	603.3	603.3	590.6	590.6	590.6	577.9	-	628.7	628.7	628.7	628.7	628.7	616.0	-	685.8	685.8	685.8	685.8	679.5	679.5	-	717.6	774.7	768.4	790.7	838.2	901.7	-

GENERAL NOTES

All dimensions are in mm.

Figures stated are for information only. Please refer to the current version of the original standards for dimensional information.

The gasket thickness tolerance is +/- .13 mm measured across the metallic portion of the gasket, not including the filler, which may protrude slightly beyond the metal.

The inner-ring thickness shall be 2.97mm to 3.33mm.

For sizes NPS 1/2 through NPS 3, the insides diameter tolerance is +/- 0.8mm; for larger sizes the inside diameter tolerance is +/- 1.5mm.

NOTES

- The gasket outside diameter tolerance for NPS 1/2 through to NPS 8 is +/-0.8mm; for NPS 10 through NPS 24 +1.5mm -0.8mm
- The gasket inside diameter tolerance for NPS 1/2 through to NPS 8 is +/-0.4mm; for NPS 10 through NPS 24 +/- 0.8mm
- The centering ring outside diameter tolerance is +/-0.8mm
- There are no Class 400 flanges in NPS 1/2 through NPS 3 (use Class 600), Class 900 flanges in NPS 1/2 through NPS 2 1/2 (use Class 1500), or Class 2500 flanges NPS 14 and larger
- There are no NPS 1/2 through NPS 3 Class 400 flanges (use Class 600), NPS 1/2 through NPS 2 1/2 Class 900 flanges (use Class 1500), or NPS 14 and larger Class 2500 flanges