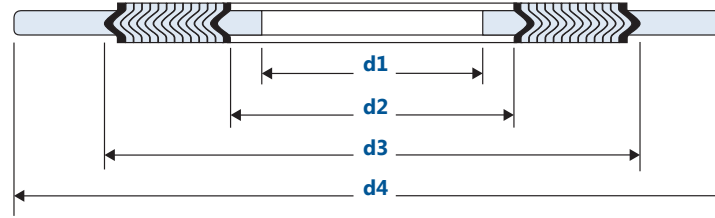


Spiral Wound Dimensions

NPS 1/4* to 24 in.

ASME B16.20 Gaskets for ASME B16.5 Flanges



Style RW

Style RWI

General notes:

Dimensions in inches.

d1 = Inner ring I.D. (inner diameter)

d2 = Sealing element I.D.

d3 = Sealing element O.D. (outer diameter)

d4 = Outer ring O.D.

Class 150 LB

Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	I.D. d2	O.D. d3	d4
1/4*	-	0.50	0.88	1.75
1/2	0.56	0.75	1.25	1.88
3/4	0.81	1.00	1.56	2.25
1	1.06	1.25	1.88	2.63
1-1/4	1.50	1.88	2.38	3.00
1-1/2	1.75	2.13	2.75	3.38
2	2.19	2.75	3.38	4.13
2-1/2	2.62	3.25	3.88	4.88
3	3.19	4.00	4.75	5.38
3-1/2*	-	4.50	5.25	6.38
4	4.19	5.00	5.88	6.88
4-1/2*	-	5.50	6.50	7.00
5	5.19	6.13	7.00	7.75
6	6.19	7.19	8.25	8.75
8	8.50	9.19	10.38	11.00
10	10.56	11.31	12.50	13.38
12	12.50	13.38	14.75	16.13
14	13.75	14.63	16.00	17.75
16	15.75	16.63	18.25	20.25
18	17.69	18.69	20.75	21.63
20	19.69	20.69	22.75	23.88
24	23.75	24.75	27.00	28.25

Class 300 LB

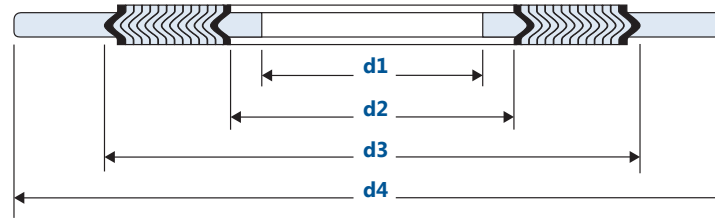
Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	I.D. d2	O.D. d3	d4
1/4*	-	0.50	0.88	1.75
1/2	0.56	0.75	1.25	2.13
3/4	0.81	1.00	1.56	2.63
1	1.06	1.25	1.88	2.88
1-1/4	1.50	1.88	2.38	3.25
1-1/2	1.75	2.13	2.75	3.75
2	2.19	2.75	3.38	4.38
2-1/2	2.62	3.25	3.88	5.13
3	3.19	4.00	4.75	5.88
3-1/2*	-	4.50	5.25	6.50
4	4.19	5.00	5.88	7.13
4-1/2*	-	5.50	6.50	7.75
5	5.19	6.13	7.00	8.50
6	6.19	7.19	8.25	9.88
8	8.50	9.19	10.38	12.13
10	10.56	11.31	12.50	14.25
12	12.50	13.38	14.75	16.63
14	13.75	14.63	16.00	19.13
16	15.75	16.63	18.25	21.25
18	17.69	18.69	20.75	23.50
20	19.69	20.69	22.75	25.75
24	23.75	24.75	27.00	30.50

*ASME B16.20 does not include dimensions for nominal pipe size (NPS) 1/4, 3-1/2 or 4-1/2; or Class 400 Flanges up to NPS 3 and Class 900 Flanges up to NPS 2-1/2.

Spiral Wound Dimensions

NPS 1/4* to 24 in.

ASME B16.20 Gaskets for ASME B16.5 Flanges



Style
RW

Style
RWI

General notes:

Dimensions in inches.

d1 = Inner ring I.D. (inner diameter)

d2 = Sealing element I.D.

d3 = Sealing element O.D. (outer diameter)

d4 = Outer ring O.D.

Class 400 LB

Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	d2	d3	d4
1/4*	-	0.50	0.88	1.75
1/2*	-	0.75	1.25	2.13
3/4*	-	1.00	1.56	2.63
1*	-	1.25	1.88	2.88
1-1/4*	-	1.88	2.38	3.25
1-1/2*	-	2.13	2.75	3.75
2*	-	2.75	3.38	4.38
2-1/2*	-	3.25	3.88	5.13
3*	-	4.00	4.75	5.88
3-1/2*	-	4.13	5.25	6.38
4	4.04	4.75	5.88	7.00
4-1/2*	-	5.31	6.50	7.63
5	5.05	5.81	7.00	8.38
6	6.10	6.88	8.25	9.75
8	8.10	8.88	10.38	12.00
10	10.05	10.81	12.50	14.13
12	12.10	12.88	14.75	16.50
14	13.50	14.25	16.00	19.00
16	15.35	16.25	18.25	21.13
18	17.25	18.50	20.75	23.38
20	19.25	20.50	22.75	25.50
24	23.25	24.75	27.00	30.25

Class 600 LB

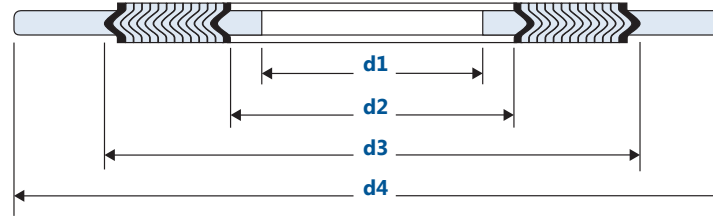
Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	d2	d3	d4
1/4*	-	0.50	0.88	1.75
1/2	0.56	0.75	1.25	2.13
3/4	0.81	1.00	1.56	2.63
1	1.06	1.25	1.88	2.88
1-1/4	1.50	1.88	2.38	3.25
1-1/2	1.75	2.13	2.75	3.75
2	2.19	2.75	3.38	4.38
2-1/2	2.62	3.25	3.88	5.13
3	3.19	4.00	4.75	5.88
3-1/2*	-	4.13	5.25	6.38
4	4.04	4.75	5.88	7.63
4-1/2*	-	5.31	6.50	8.25
5	5.05	5.81	7.00	9.50
6	6.10	6.88	8.25	10.50
8	8.10	8.88	10.38	12.63
10	10.05	10.81	12.50	15.75
12	12.10	12.88	14.75	18.00
14	13.50	14.25	16.00	19.38
16	15.35	16.25	18.25	22.25
18	17.25	18.50	20.75	24.13
20	19.25	20.50	22.75	26.88
24	23.25	24.75	27.00	31.13

*ASME B16.20 does not include dimensions for nominal pipe size (NPS) 1/4, 3-1/2 or 4-1/2; or Class 400 Flanges up to NPS 3 and Class 900 Flanges up to NPS 2-1/2.

Spiral Wound Dimensions

NPS 1/4* to 24 in.

ASME B16.20 Gaskets for ASME B16.5 Flanges



Style
RW



Style
RWI

General notes:

(1) There are no Class 400 Flanges in NPS 1/2 to 3 (use Class 600); Class 900 Flanges in NPS 1/2 to 2-1/2 (use Class 1500); or Class 2500 Flanges NPS 14 and larger.

(2) The Centering Ring O.D. tolerance is ±0.03 inches.

Class 900 LB

Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	d2	d3	d4
1/2*	–	0.75	1.25	2.50
3/4*	–	1.00	1.56	2.75
1*	–	1.25	1.88	3.13
1-1/4*	–	1.56	2.38	3.50
1-1/2*	–	1.88	2.75	3.88
2*	–	2.31	3.38	5.63
2-1/2*	–	2.75	3.88	6.50
3	3.10	3.75	4.75	6.63
3-1/2*	–	4.13	5.25	7.50
4	4.04	4.75	5.88	8.13
4-1/2*	–	5.31	6.50	9.38
5	5.05	5.81	7.00	9.75
6	6.10	6.88	8.25	11.38
8	7.75	8.75	10.13	14.13
10	9.69	10.88	12.25	17.13
12	11.50	12.75	14.50	19.63
14	12.63	14.00	15.75	20.50
16	14.75	16.25	18.00	22.63
18	16.75	18.25	20.50	25.13
20	19.00	20.50	22.50	27.50
24	23.25 (1)	24.75	26.75	33.00

Class 1500 LB

Nominal Pipe Size	Inner Ring I.D.	Sealing Element		Outer Ring O.D.
	d1	d2	d3	d4
1/2	0.56	0.75	1.25	2.50
3/4	0.81	1.00	1.56	2.75
1	1.06	1.25	1.88	3.13
1-1/4	1.31 (2)	1.56	2.38	3.50
1-1/2	1.63 (2)	1.88	2.75	3.88
2	2.06 (2)	2.31	3.38	5.63
2-1/2	2.50 (2)	2.75	3.88	6.50
3	3.10	3.63	4.75	6.88
3-1/2*	–	4.13	5.25	7.38
4	3.85	4.63	5.88	8.25
4-1/2*	–	5.31	6.50	9.13
5	4.90	5.63	7.00	10.00
6	5.80	6.75	8.25	11.13
8	7.75	8.50	10.13	13.88
10	9.69	10.50	12.25	17.13
12	11.50 (1)	12.75	14.50	20.50
14	12.63 (1)	14.25	15.75	22.75
16	14.50 (1)	16.00	18.00	25.25
18	16.75 (1)	18.25	20.50	27.75
20	18.75 (1)	20.50	22.50	29.75
24	22.75 (1)	24.25	26.75	35.50