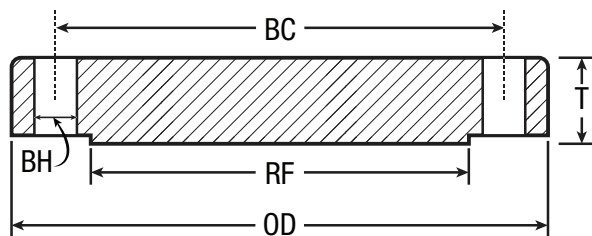




BLIND FLANGES MEET SA105 (CARBON STEEL) SPECIFICATIONS



- Line sizes: **1/2" — 96"**
- Flange ratings: **150# — 2500#**
- Stocked Alloys: **516-Gr70 CS • 304/316 SS** (Any Available Alloy)
- Port Options: **NPT • SW** (Multiple Ports Can Be Added)
- Face Options: **Flat • Raised • RTJ** (Female or Male)
- Coating Options: **Galvanized • Zinc Plated • Yellow Zinc Chromate**
- ASME Standards: **B16.5 & B16.47 - Series A & B** (26" & Larger)
- Add'l. Spec Options: **ASTM A182, A350, B160, etc.**



We strive to provide our customers with exceptional USA manufacturing quality products, economically that adhere to our ISO 9001:2015 Quality Program.

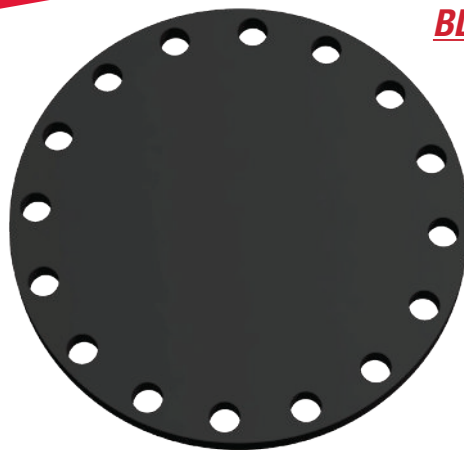
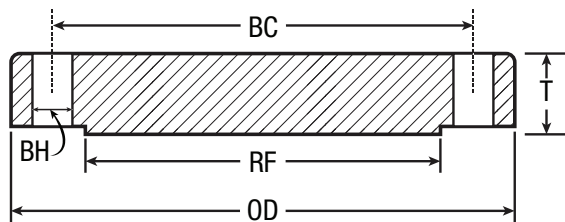
NPS	CLASS 150 ANSI B16.5						300 ANSI B16.5						600 ANSI B16.5						900 ANSI B16.5						1500 ANSI 16.5						2500 ANSI B16.5					
	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)
1/2	3.50	2.38	1.38	4	0.62	0.44	3.75	2.62	1.38	4	0.63	0.56	3.75	2.62	1.38	4	0.63	0.56	4.75	3.25	1.38	4	0.88	0.88	4.75	3.25	1.38	4	0.88	0.88	5.25	3.50	1.38	4	0.88	1.19
3/4	3.88	2.75	1.69	4	0.62	0.50	4.62	3.25	1.69	4	0.75	0.62	4.62	3.25	1.69	4	0.75	0.62	5.12	3.50	1.69	4	0.88	1.00	5.12	3.50	1.69	4	0.88	1.00	5.50	3.75	1.69	4	0.88	1.25
1	4.25	3.12	2.00	4	0.62	0.56	4.88	3.50	2.00	4	0.75	0.69	4.88	3.50	2.00	4	0.75	0.69	5.88	4.00	2.00	4	1.00	1.12	5.88	4.00	2.00	4	1.00	1.12	6.25	4.25	2.00	4	1.00	1.38
1-1/4	4.62	3.50	2.50	4	0.62	0.62	5.25	3.88	2.50	4	0.75	0.75	5.25	3.88	2.50	4	0.75	0.81	6.25	4.38	2.50	4	1.00	1.12	6.25	4.38	2.50	4	1.00	1.12	7.25	5.13	2.50	4	1.12	1.50
1-1/2	5.00	3.88	2.88	4	0.62	0.69	6.12	4.50	2.88	4	0.88	0.81	6.12	4.50	2.88	4	0.88	0.88	7.00	4.88	2.88	4	1.12	1.25	7.00	4.88	2.88	4	1.12	1.25	8.00	5.75	2.88	4	1.25	1.75
2	6.00	4.75	3.63	4	0.75	0.75	6.50	5.00	3.62	8	0.75	0.88	6.50	5.00	3.62	8	0.75	1.00	8.50	6.50	3.63	8	1.00	1.50	8.50	6.50	3.63	8	1.00	1.50	9.25	6.75	3.63	8	1.12	2.00
2-1/2	7.00	5.50	4.13	4	0.75	0.88	7.50	5.88	4.12	8	0.88	1.00	7.50	5.88	4.12	8	0.88	1.12	9.62	7.50	4.13	8	1.13	1.62	9.62	7.50	4.13	8	1.12	1.62	10.50	7.75	4.13	8	1.25	2.25
3	7.50	6.00	5.00	4	0.75	0.94	8.25	6.62	5.00	8	0.88	1.12	8.25	6.62	5.00	8	0.88	1.25	9.50	7.50	5.00	8	1.00	1.50	10.50	8.00	5.00	8	1.25	1.88	12.00	9.00	5.00	8	1.38	2.62
3-1/2	8.50	7.00	5.50	8	0.75	0.94	9.00	7.25	5.50	8	0.88	1.19	9.00	7.25	5.50	8	1.00	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	9.00	7.50	6.19	8	0.75	0.94	10.00	7.88	6.19	8	0.88	1.25	10.75	8.50	6.19	8	1.00	1.50	11.50	9.25	6.19	8	1.25	1.75	12.25	9.50	6.19	8	1.38	2.12	14.00	10.75	6.19	8	1.63	3.00
5	10.00	8.50	7.31	8	0.88	0.94	11.00	9.25	7.31	8	0.88	1.38	13.00	10.50	7.31	8	1.12	1.75	13.75	11.00	7.31	8	1.38	2.00	14.75	11.50	7.31	8	1.63	2.88	16.50	12.75	7.31	8	1.88	3.62
6	11.00	9.50	8.50	8	0.88	1.00	12.50	10.62	8.50	12	0.88	1.44	14.00	11.50	8.50	12	1.12	1.88	15.00	12.50	8.50	12	1.25	2.19	15.50	12.50	8.50	12	1.50	3.25	19.00	14.50	8.50	8	2.12	4.25
8	13.50	11.75	10.63	8	0.88	1.12	15.00	13.00	10.62	12	1.00	1.62	16.50	13.75	10.62	12	1.25	2.19	18.50	15.50	10.63	12	1.50	2.50	19.00	15.50	10.63	12	1.75	3.62	21.75	17.25	10.63	12	2.12	5.00
10	16.00	14.25	12.75	12	1.00	1.19	17.50	15.25	12.75	16	1.12	1.88	20.00	17.00	12.75	16	1.38	2.50	21.50	18.50	12.75	16	1.50	2.75	23.00	19.00	12.75	12	2.00	4.25	26.50	21.25	12.75	12	2.63	6.50
12	19.00	17.00	15.00	12	1.00	1.25	20.50	17.75	15.00	16	1.25	2.00	22.00	19.25	15.00	20	1.38	2.62	24.00	21.00	15.00	20	1.50	3.12	26.50	22.50	15.00	16	2.12	4.88	30.00	24.38	15.00	12	2.88	7.25
14	21.00	18.75	16.25	12	1.12	1.38	23.00	20.25	16.25	20	1.25	2.12	23.75	20.75	16.25	20	1.50	2.75	25.25	22.00	16.25	20	1.63	3.38	29.50	25.00	16.25	16	2.38	5.25						
16	23.50	21.25	18.50	16	1.12	1.44	25.50	22.50	18.50	20	1.38	2.25	27.00	23.75	18.50	20	1.63	3.00	27.75	24.25	18.50	20	1.75	3.50	32.50	27.75	18.50	16	2.63	5.75						
18	25.00	22.75	21.00	16	1.25	1.56	28.00	24.75	21.00	24	1.38	2.38	29.25	25.75	21.00	20	1.75	3.25	31.00	27.00	21.00	20	2.00	4.00	36.00	30.50	21.00	16	2.88	6.38						
20	27.50	25.00	23.00	20	1.25	1.69	30.50	27.00	23.00	24	1.38	2.50	32.00	28.50	23.00	24	1.75	3.50	33.75	29.50	23.00	20	2.13	4.25	38.75	32.75	23.00	16	3.12	7.00						
22	29.50	27.25	25.25	20	1.38	1.81	33.00	29.25	25.25	24	1.63	2.63	34.25	30.63	25.25	24	1.75	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	32.00	29.50	27.25	20	1.38	1.88	36.00	32.00	27.25	24	1.63	2.75	37.00	33.00	27.25	24	2.00	4.00	41.00	35.50	27.25	20	2.63	5.50	46.00	39.00	27.25	16	3.63	8.00						

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BLIND FLANGES MEET SA105 (CARBON STEEL) SPECIFICATIONS



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- Add'l. Spec Options: **ASTM A182, A350, B160, etc.**

NPS	CLASS 150 ANSI B16.5						300 ANSI B16.5						600 ANSI B16.5						900 ANSI B16.5						
	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	OD OF FLANGE (OD)	DIA. OF BOLT CIRCLE (BC)	DIA. OF RAISED FACE (RF)	NO. OF BOLT HOLES	DIA. OF BOLT HOLE (BH)	BLIND THICK-NESS (T)	
SERIES A - ANSI 16.47																									
26	34.25	31.75	29.50	24	1.38	2.63	38.25	34.50	29.50	28	1.75	3.25	40.00	36.00	29.50	28	2.00	4.94	42.75	37.50	29.50	20	2.88	6.31	
28	36.50	34.00	31.50	28	1.38	2.75	40.75	37.00	31.50	28	1.75	3.50	42.25	38.00	31.50	28	2.12	5.19	46.00	40.25	31.50	20	3.12	6.75	
30	38.75	36.00	33.75	28	1.38	2.88	43.00	39.25	33.75	28	1.88	3.69	44.50	40.25	33.75	28	2.12	5.50	48.50	42.75	33.75	20	3.12	7.18	
32	41.75	38.50	36.00	28	1.62	3.13	45.25	41.50	36.00	28	2.00	3.88	47.00	42.50	36.00	28	2.38	5.81	51.75	45.50	36.00	20	3.38	7.62	
34	43.75	40.50	38.00	32	1.62	3.19	47.50	43.50	38.00	28	2.00	4.07	49.00	44.50	38.00	28	2.38	6.06	55.00	48.25	38.00	20	3.62	8.06	
36	46.00	42.75	40.25	32	1.62	3.50	50.00	46.00	40.25	32	2.12	4.32	51.75	47.00	40.25	28	2.62	6.38	57.50	50.75	40.25	20	3.62	8.44	
38	48.75	45.25	42.25	32	1.62	3.38	46.00	43.00	40.50	32	1.62	4.19	50.00	45.75	41.50	28	2.38	6.12	57.50	50.75	43.25	20	3.62	8.50	
40	50.75	47.25	44.25	36	1.62	3.50	48.75	45.50	42.75	32	1.75	4.44	52.00	47.75	43.75	32	2.38	6.38	59.50	52.75	45.75	24	3.62	8.81	
42	53.00	49.50	47.00	36	1.62	3.75	50.75	47.50	44.75	32	1.75	4.63	55.25	50.50	46.00	28	2.62	6.75	61.50	54.75	47.75	24	3.62	9.12	
44	55.25	51.75	49.00	40	1.62	3.94	53.25	49.75	47.00	32	1.88	4.82	57.25	52.50	48.25	32	2.62	7.00	64.88	57.62	50.00	24	3.88	9.56	
46	57.25	53.75	51.00	40	1.62	4.00	55.75	52.00	49.00	28	2.00	5.00	59.50	54.75	50.25	32	2.62	7.31	68.25	60.50	52.50	24	4.12	10.06	
48	59.50	56.00	53.50	44	1.62	4.19	57.75	54.00	51.25	32	2.00	5.19	62.75	57.50	52.50	32	2.62	7.69	70.25	62.50	54.50	24	4.12	10.38	
50	61.75	58.25	55.50	44	1.88	4.32	60.25	56.25	53.50	32	2.12	5.44	65.75	60.00	54.50	28	3.12	8.00							
52	64.00	60.50	57.50	44	1.88	4.50	62.25	58.25	-	32	2.12	5.63	67.75	62.00	-	32	3.12	8.25							
54	66.25	62.75	59.50	44	1.88	4.69	65.25	61.00	-	28	2.38	5.94	70.00	64.25	-	32	3.12	8.56							
56	68.75	65.00	62.00	48	1.88	4.82	67.25	63.00	-	28	2.38	6.00	73.00	66.75	-	32	3.38	8.88							
58	71.00	67.25	64.00	48	1.88	5.00	69.25	65.00	-	32	2.38	6.19	75.00	68.75	-	32	3.38	9.12							
60	73.00	69.25	66.00	52	1.88	5.13	71.25	67.00	-	32	2.38	6.38	78.50	71.75	-	28	3.62	9.56							
SERIES B - ANSI 16.47																									
26	30.94	29.31	28.00	36	0.88	1.75	34.12	31.62	29.00	32	1.38	3.50	35.00	31.75	28.62	28	1.75	4.38	40.25	35.50	30.00	20	2.62	6.06	
28	32.94	31.31	30.00	40	0.88	1.88	36.25	33.75	31.00	36	1.38	3.50	37.50	34.00	30.88	28	1.88	4.56	43.50	38.25	32.25	20	2.88	6.56	
30	34.94	33.31	32.00	44	0.88	2.00	39.00	36.25	33.25	36	1.50	3.69	40.25	36.50	33.12	28	2.00	5	46.50	40.75	34.50	20	3.12	6.93	
32	37.06	35.44	34.00	48	0.88	2.12	41.50	38.50	35.50	32	1.62	4.06	42.75	38.75	35.25	28	2.12	5.31	48.75	43.00	36.50	20	3.12	7.31	
34	39.56	37.69	36.25	40	1.00	2.25	43.62	40.62	37.50	36	1.62	4.06	45.75	41.50	37.50	24	2.38	5.68	51.75	45.50	39.00	20	3.38	7.68	
36	41.62	39.75	38.25	44	1.00	2.31	46.12	42.88	39.75	32	1.75	4.06	47.75	43.50	39.75	28	2.38	5.94	53.00	47.25	40.50	24	3.12	7.94	
38	44.25	42.12	40.25	40	1.12	2.50	48.12	44.88	41.75	36	1.75	4.38													
40	46.25	44.12	42.50	44	1.12	2.62	50.12	46.88	43.88	40	1.75	4.56													
42	48.25	46.12	44.50	48	1.12	2.69	52.50	49.00	46.00	36	1.88	4.69													
44	50.25	48.12	46.50	52	1.12	2.81	54.50	51.00	48.00	40	1.88	5.00													
46	52.81	50.56	48.62	40	1.25	2.94	57.50	53.75	50.00	36	2.00	5.12													
48	54.81	52.56	50.75	44	1.25	3.06	59.50	55.75	52.25	40	2.00	5.31													
50	56.81	54.56	52.75	48	1.25	3.18	61.50	57.75	54.25	44	2.00	5.50													
52	58.81	56.56	54.75	52	1.25	3.31	63.50	59.75	56.25	48	2.00	5.68													
54	61.00	58.75	56.75	56	1.25	3.44	65.88	62.12	58.25	48	2.00	5.88													
56	63.00	60.75	58.75	60	1.25	3.56	69.50	65.00	60.50	36	2.38	6.18													
58	65.94	63.44	60.75	48	1.38	3.68	71.94	67.44	62.75	40	2.38	6.38													
60	67.94	65.44	63.00	52	1.38	3.81	73.94	69.44	65.00	40	2.38	6.56													
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