

## FLANGES

- ASME B16.47 Series A Welding Neck Flanges

**Class 150/300/400/600/900**

- ASME B16.47 Series A Blind Flanges

**Class 150/300/400/600/900**

- ASME B16.47 Series B Welding Neck Flanges

**Class 75/150/300/400/600/900**

- ASME B16.47 Series B Blind Flanges

**Class 75/150/300/400/600/900**

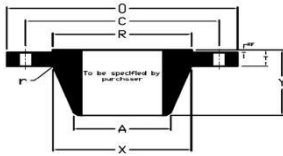


**All products backed by Metleader warranty**

# ASME B16.47 SERIES A WELDING NECK FLANGES

## Class 150

### Note:



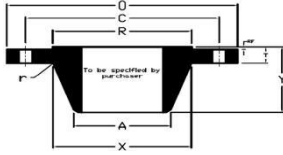
- All ASME B16.47 CLASS 150# SERIES "A" weld neck flange dimensions are in inches.
- These ASME B16.47 CLASS 150# SERIES "A" weld neck flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 CLASS 150# SERIES "A" weld neck flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	34.25	2.69	29.50	4.75	26.62	0.38	26	Specified by purchaser	300	31.75	24	1.38
28	36.50	2.81	31.50	4.94	28.62	0.44	28	Specified by purchaser	345	34.00	28	1.38
30	38.75	2.94	33.75	5.38	30.75	0.44	30	Specified by purchaser	400	36.00	28	1.38
32	41.75	3.19	36.00	5.69	32.75	0.44	32	Specified by purchaser	505	38.50	28	1.62
34	43.75	3.25	38.00	5.88	34.75	0.50	34	Specified by purchaser	540	40.50	32	1.62
36	46.00	3.56	40.25	6.19	36.75	0.50	36	Specified by purchaser	640	42.75	32	1.62
38	48.75	3.44	42.25	6.19	39.00	0.50	38	Specified by purchaser	720	45.25	32	1.62
40	50.75	3.56	44.25	6.44	41.00	0.50	40	Specified by purchaser	775	47.25	36	1.62
42	53.00	3.81	47.00	6.75	43.00	0.50	42	Specified by purchaser	890	49.50	36	1.62
44	55.25	4.00	49.00	7.00	45.00	0.50	44	Specified by purchaser	990	51.75	40	1.62
46	57.25	4.06	51.00	7.31	47.12	0.50	46	Specified by purchaser	1060	53.75	40	1.62
48	59.50	4.25	53.50	7.56	49.12	0.50	48	Specified by purchaser	1185	56.00	44	1.62
50	61.75	4.38	55.50	8.00	51.25	0.50	50	Specified by purchaser	1270	58.25	44	1.88
52	64.00	4.56	57.50	8.25	53.25	0.50	52	Specified by purchaser	1410	60.50	44	1.88
54	66.25	4.75	59.50	8.50	55.25	0.50	54	Specified by purchaser	1585	62.75	44	1.88
56	68.75	4.88	62.00	9.00	57.38	0.50	56	Specified by purchaser	1760	65.00	48	1.88
58	71.00	5.06	64.00	9.25	59.38	0.50	58	Specified by purchaser	1915	67.25	48	1.88
60	73.00	5.19	66.00	9.44	61.38	0.50	60	Specified by purchaser	2045	69.25	52	1.88

# ASME B16.47 SERIES A WELDING NECK FLANGES

## Class 300

### Note:



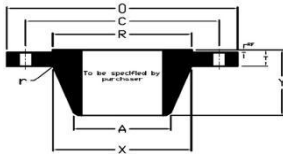
- All ASME B16.47 CLASS 150# SERIES "A" weld neck flange dimensions are in inches.
- These ASME B16.47 CLASS 150# SERIES "A" weld neck flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 CLASS 150# SERIES "A" weld neck flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	38.25	3.12	29.50	7.25	28.38	0.38	26	Specified by purchaser	605	34.50	28	1.75
28	40.75	3.38	31.50	7.75	30.50	0.44	28	Specified by purchaser	745	37.00	28	1.75
30	43.00	3.62	33.75	8.25	32.56	0.44	30	Specified by purchaser	870	39.25	28	1.88
32	45.25	3.88	36.00	8.75	34.69	0.44	32	Specified by purchaser	1005	41.50	28	2.00
34	47.50	4.00	38.00	9.12	36.88	0.50	34	Specified by purchaser	1145	43.50	28	2.00
36	50.00	4.12	40.25	9.50	39.00	0.50	36	Specified by purchaser	1275	46.00	32	2.12
38	46.00	4.25	40.50	7.12	39.12	0.50	38	Specified by purchaser	695	43.00	32	1.62
40	48.75	4.50	42.75	7.62	41.25	0.50	40	Specified by purchaser	840	45.50	32	1.75
42	50.75	4.69	44.75	7.88	43.25	0.50	42	Specified by purchaser	950	47.50	32	1.75
44	53.25	4.88	47.00	8.12	45.25	0.50	44	Specified by purchaser	1055	49.75	32	1.88
46	55.75	5.06	49.00	8.50	47.38	0.50	46	Specified by purchaser	1235	52.00	28	2.00
48	57.75	5.25	51.25	8.81	49.38	0.50	48	Specified by purchaser	1380	54.00	32	2.00
50	60.25	5.50	53.50	9.12	51.38	0.50	50	Specified by purchaser	1530	56.25	32	2.12
52	62.25	5.69	55.50	9.38	53.38	0.50	52	Specified by purchaser	1660	58.25	32	2.12
54	65.25	6.00	57.75	9.94	55.50	0.50	54	Specified by purchaser	2050	61.00	28	2.38
56	67.25	6.06	59.75	10.25	57.62	0.50	56	Specified by purchaser	2155	63.00	28	2.38
58	69.25	6.25	62.00	10.50	59.62	0.50	58	Specified by purchaser	2270	65.00	32	2.38
60	71.25	6.44	64.00	10.75	61.62	0.50	60	Specified by purchaser	2470	67.00	32	2.38

# ASME B16.47 SERIES A WELDING NECK FLANGES

## Class 400

### Note:



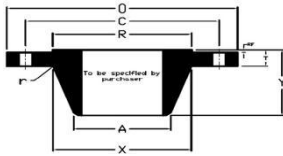
- All ASME B16.47 CLASS 150# SERIES "A" weld neck flange dimensions are in inches.
- These ASME B16.47 CLASS 150# SERIES "A" weld neck flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 CLASS 150# SERIES "A" weld neck flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	38.25	3.50	29.50	7.62	28.62	0.44	26	Specified by purchaser	650	34.50	28	1.88
28	40.75	3.75	31.50	8.12	30.81	0.50	28	Specified by purchaser	785	37.00	28	2.00
30	43.00	4.00	33.75	8.62	32.94	0.50	30	Specified by purchaser	905	39.25	28	2.12
32	45.25	4.25	36.00	9.12	35.00	0.50	32	Specified by purchaser	1065	41.50	28	2.12
34	47.50	4.38	38.00	9.50	37.19	0.56	34	Specified by purchaser	1200	43.50	28	2.12
36	50.00	4.50	40.25	9.88	39.38	0.56	36	Specified by purchaser	1340	46.00	32	2.12
38	47.50	4.88	40.75	8.12	39.50	0.56	38	Specified by purchaser	935	44.00	32	1.88
40	50.00	5.12	43.00	8.50	41.50	0.56	40	Specified by purchaser	1090	46.25	32	2.00
42	52.00	5.25	45.00	8.81	43.62	0.56	42	Specified by purchaser	1190	48.25	32	2.00
44	54.50	5.50	47.25	9.18	45.62	0.56	44	Specified by purchaser	1375	50.50	32	2.12
46	56.75	5.75	49.50	9.62	47.75	0.56	46	Specified by purchaser	1525	52.75	36	2.12
48	59.50	6.00	51.50	10.12	49.88	0.56	48	Specified by purchaser	1790	55.25	28	2.38
50	61.75	6.19	53.62	10.56	52.00	0.56	50	Specified by purchaser	1950	57.50	32	2.38
52	63.75	6.38	55.62	10.88	54.00	0.56	52	Specified by purchaser	2125	59.50	32	2.38
54	67.00	6.69	57.88	11.38	56.12	0.56	54	Specified by purchaser	2565	62.25	28	2.62
56	69.00	6.88	60.12	11.75	58.25	0.56	56	Specified by purchaser	2710	64.25	32	2.62
58	71.00	7.00	62.12	12.06	60.25	0.56	58	Specified by purchaser	3230	66.25	32	2.62
60	74.25	7.31	64.38	12.56	62.38	0.56	60	Specified by purchaser	3820	69.00	32	2.88

# ASME B16.47 SERIES A WELDING NECK FLANGES

## Class 600

### Note:



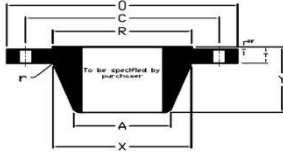
- All ASME B16.47 CLASS 150# SERIES "A" weld neck flange dimensions are in inches.
- These ASME B16.47 CLASS 150# SERIES "A" weld neck flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 CLASS 150# SERIES "A" weld neck flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)					
26	40.00	4.25	29.50	8.75	29.44	0.50	26	Specified by purchaser	940	36.00	28	2.00
28	42.25	4.38	31.50	9.25	31.62	0.50	28	Specified by purchaser	1060	38.00	28	2.12
30	44.50	4.50	33.75	9.75	33.94	0.50	30	Specified by purchaser	1210	40.25	28	2.12
32	47.00	4.62	36.00	10.25	36.12	0.50	32	Specified by purchaser	1375	42.50	28	2.38
34	49.00	4.75	38.00	10.62	38.31	0.56	34	Specified by purchaser	1540	44.50	28	2.38
36	51.75	4.88	40.25	11.12	40.62	0.56	36	Specified by purchaser	1705	47.00	28	2.62
38	50.00	6.00	41.50	10.00	40.25	0.56	38	Specified by purchaser	1470	45.75	28	2.38
40	52.00	6.25	43.75	10.38	42.25	0.56	40	Specified by purchaser	1630	47.75	32	2.38
42	55.25	6.62	46.00	11.00	44.38	0.56	42	Specified by purchaser	2030	50.50	28	2.62
44	57.25	6.81	48.25	11.38	46.50	0.56	44	Specified by purchaser	2160	52.50	32	2.62
46	59.50	7.06	50.25	11.81	48.62	0.56	46	Specified by purchaser	2410	54.75	32	2.62
48	62.75	7.44	52.50	12.44	50.75	0.56	48	Specified by purchaser	2855	57.50	32	2.88
50	65.75	7.75	54.50	12.94	52.88	0.56	50	Specified by purchaser	3330	60.00	28	3.12
52	67.75	8.00	56.50	13.25	54.88	0.56	52	Specified by purchaser	3560	62.00	32	3.12
54	70.00	8.25	58.75	13.75	57.00	0.56	54	Specified by purchaser	3920	64.25	32	3.12
56	73.00	8.56	60.75	14.25	59.12	0.62	56	Specified by purchaser	4280	66.75	32	3.38
58	75.00	8.75	63.00	14.56	61.12	0.62	58	Specified by purchaser	4640	68.75	32	3.38
60	78.50	9.19	65.25	15.31	63.38	0.69	60	Specified by purchaser	5000	71.75	28	3.62

# ASME B16.47 SERIES A WELDING NECK FLANGES

## Class 900

### Note:

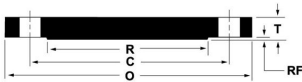


- All ASME B16.47 CLASS 150# SERIES "A" weld neck flange dimensions are in inches.
- These ASME B16.47 CLASS 150# SERIES "A" weld neck flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 CLASS 150# SERIES "A" weld neck flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	42.75	5.50	29.50	11.25	30.50	0.44	26	Specified by purchaser	1525	37.50	20	2.88
28	46.00	5.62	31.50	11.75	32.75	0.50	28	Specified by purchaser	1810	40.25	20	3.12
30	48.50	5.88	33.75	12.25	35.00	0.50	30	Specified by purchaser	2120	42.75	20	3.12
32	51.75	6.25	36.00	13.00	37.25	0.50	32	Specified by purchaser	2545	45.50	20	3.38
34	55.00	6.50	38.00	13.75	39.62	0.56	34	Specified by purchaser	2970	48.25	20	3.62
36	57.50	6.75	40.25	14.25	41.88	0.56	36	Specified by purchaser	3395	50.75	20	3.62
38	57.50	7.50	43.25	13.88	42.25	0.75	38	Specified by purchaser	3385	50.75	20	3.62
40	59.50	7.75	45.75	14.31	44.38	0.81	40	Specified by purchaser	3620	52.75	24	3.62
42	61.50	8.12	47.75	14.62	46.31	0.81	42	Specified by purchaser	3960	54.75	24	3.62
44	64.88	8.44	50.00	15.38	48.62	0.88	44	Specified by purchaser	4300	57.62	24	3.88
46	68.25	8.88	52.50	16.18	50.88	0.88	46	Specified by purchaser	4640	60.50	24	4.12
48	70.25	9.19	54.50	16.50	52.88	0.94	48	Specified by purchaser	4980	62.50	24	4.12

# ASME B16.47 SERIES A BLIND FLANGES

## Class 150



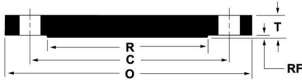
### Note:

- All ASME B16.47 150# SERIES "A" Blind flange dimensions are in inches.
- These ASME B16.47 150# SERIES "A" Blind flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 150# SERIES "A" Blind flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	34.25	2.69	29.50	702	31.75	24	1.38
28	36.50	2.81	31.50	833	34.00	28	1.38
30	38.75	2.94	33.75	982	36.00	28	1.38
32	41.75	3.19	36.00	1238	38.50	28	1.62
34	43.75	3.25	38.00	1384	40.50	32	1.62
36	46.00	3.56	40.25	1676	42.75	32	1.62
38	48.75	3.44	42.25	1819	45.25	32	1.62
40	50.75	3.56	44.25	2040	47.25	36	1.62
42	53.00	3.81	47.00	2380	49.50	36	1.62
44	55.25	4.00	49.00	2715	51.75	40	1.62
46	57.25	4.06	51.00	2961	53.75	40	1.62
48	59.50	4.25	53.50	3350	56.00	44	1.62
50	61.75	4.38	55.50	3716	58.25	44	1.88
52	64.00	4.56	57.50	4156	60.50	44	1.88
54	66.25	4.75	59.50	4639	62.75	44	1.88
56	68.75	4.88	62.00	5130	65.00	48	1.88
58	71.00	5.06	64.00	5675	67.25	48	1.88
60	73.00	5.19	66.00	6155	69.25	52	1.88

# ASME B16.47 SERIES A BLIND FLANGES

## Class 300



### Note:

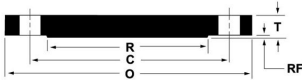
- All ASME B16.47 150# SERIES "A" Blind flange dimensions are in inches.
- These ASME B16.47 150# SERIES "A" Blind flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 150# SERIES "A" Blind flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	38.25	3.31	29.50	1079	34.50	28	1.75
28	40.75	3.56	31.50	1315	37.00	28	1.75
30	43.00	3.75	33.75	1545	39.25	28	1.88
32	45.25	3.94	36.00	1795	41.50	28	2.00
34	47.50	4.12	38.00	2068	43.50	28	2.00
36	50.00	4.38	40.25	2435	46.00	32	2.12
38	46.00	4.25	40.50	2001	43.00	32	1.62
40	48.75	4.50	42.75	2380	45.50	32	1.75
42	50.75	4.69	44.75	2689	47.50	32	1.75
44	53.25	4.88	47.00	3079	49.75	32	1.88
46	55.75	5.06	49.00	3500	52.00	28	2.00
48	57.75	5.25	51.25	3896	54.00	32	2.00
50	60.25	5.50	53.50	4442	56.25	32	2.12
52	62.25	5.69	55.50	4906	58.25	32	2.12
54	65.25	6.00	57.75	5684	61.00	28	2.38
56	67.25	6.06	59.75	6099	63.00	28	2.38
58	69.25	6.25	62.00	6669	65.00	32	2.38
60	71.25	6.44	64.00	7274	67.00	32	2.38



# ASME B16.47 SERIES A BLIND FLANGES

## Class 400



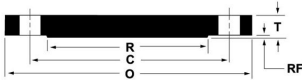
### Note:

- All ASME B16.47 150# SERIES "A" Blind flange dimensions are in inches.
- These ASME B16.47 150# SERIES "A" Blind flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 150# SERIES "A" Blind flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	38.25	3.88	29.50	1263	34.50	28	1.88
28	40.75	4.12	31.50	1520	37.00	28	2.00
30	43.00	4.38	33.75	1802	39.25	28	2.12
32	45.25	4.56	36.00	2075	41.50	28	2.12
34	47.50	4.81	38.00	2415	43.50	28	2.12
36	50.00	5.06	40.25	2815	46.00	32	2.12
38	47.50	4.88	40.75	2450	44.00	32	1.88
40	50.00	5.12	43.00	2849	46.25	32	2.00
42	52.00	5.25	45.00	3160	48.25	32	2.00
44	54.50	5.50	47.25	3635	50.50	32	2.12
46	56.75	5.75	49.50	4120	52.75	36	2.12
48	59.50	6.00	51.50	4725	55.25	28	2.38
50	61.75	6.25	53.62	5303	57.50	32	2.38
52	63.75	6.44	55.62	5823	59.50	32	2.38
54	67.00	6.75	57.88	6742	62.25	28	2.62
56	69.00	6.94	60.12	7352	64.25	32	2.62
58	71.00	7.12	62.12	7986	66.25	32	2.62
60	74.25	7.44	64.38	9126	69.00	32	2.88

# ASME B16.47 SERIES A BLIND FLANGES

## Class 600



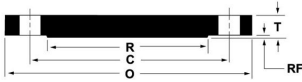
### Note:

- All ASME B16.47 150# SERIES "A" Blind flange dimensions are in inches.
- These ASME B16.47 150# SERIES "A" Blind flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 150# SERIES "A" Blind flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	40.00	4.94	29.50	1760	36.00	28	2.00
28	42.25	5.19	31.50	2061	38.00	28	2.12
30	44.50	5.50	33.75	2423	40.25	28	2.12
32	47.00	5.81	36.00	2858	42.50	28	2.38
34	49.00	6.06	38.00	3237	44.50	28	2.38
36	51.75	6.38	40.25	3800	47.00	28	2.62
38	50.00	6.12	41.50	3405	45.75	28	2.38
40	52.00	6.38	43.75	3838	47.75	32	2.38
42	55.25	6.75	46.00	4585	50.50	28	2.62
44	57.25	7.00	48.25	5105	52.50	32	2.62
46	59.50	7.31	50.25	5758	54.75	32	2.62
48	62.75	7.69	52.50	6737	57.50	32	2.88
50	65.75	8.00	54.50	7695	60.00	28	3.12
52	67.75	8.25	56.50	8425	62.00	32	3.12
54	70.00	8.56	58.75	9333	64.25	32	3.12
56	73.00	8.88	60.75	10,530	66.75	32	3.38
58	75.00	9.12	63.00	11,414	68.75	32	3.38
60	78.50	9.56	65.25	13,108	71.75	28	3.62

# ASME B16.47 SERIES A BLIND FLANGES

## Class 900



### Note:

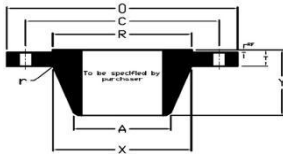
- All ASME B16.47 150# SERIES "A" Blind flange dimensions are in inches.
- These ASME B16.47 150# SERIES "A" Blind flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available for ASME B16.47 150# SERIES "A" Blind flanges.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	42.75	6.31	29.50	2565	37.50	20	2.88
28	46.00	6.75	31.50	3178	40.25	20	3.12
30	48.50	7.18	33.75	3759	42.75	20	3.12
32	51.75	7.62	36.00	4541	45.50	20	3.38
34	55.00	8.06	38.00	5425	48.25	20	3.62
36	57.50	8.44	40.25	6210	50.75	20	3.62
38	57.50	8.50	43.25	6253	50.75	20	3.62
40	59.50	8.81	45.75	6940	52.75	24	3.62
42	61.50	9.12	47.75	7675	54.75	24	3.62
44	64.88	9.56	50.00	8955	57.62	24	3.88
46	68.25	10.06	52.50	10,426	60.50	24	4.12
48	70.25	10.38	54.50	11,398	62.50	24	4.12

# ASME B16.47 SERIES B WELDING NECK FLANGES

## Class 75

### Note:



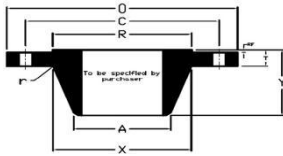
- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside (O)	Minimum (T)	Raised (R)	Length (Y)	Hub (X)	Minimum (r)	Top (A)	Bore (B)	Approximate (lbs)	Bolt (C)	Number of Holes	Diameter of Holes
26	30.00	1.31	27.75	2.31	26.62	0.31	26.06	Specified by purchaser	80	28.50	36	0.75
28	32.00	1.31	29.75	2.44	28.62	0.31	28.06	Specified by purchaser	85	30.50	40	0.75
30	34.00	1.31	31.75	2.56	30.62	0.31	30.06	Specified by purchaser	90	32.50	44	0.75
32	36.00	1.38	33.75	2.75	32.62	0.31	32.06	Specified by purchaser	105	34.50	48	0.75
34	38.00	1.38	35.75	2.88	34.62	0.31	34.06	Specified by purchaser	110	36.50	52	0.75
36	40.69	1.44	38.00	3.38	36.81	0.38	36.06	Specified by purchaser	145	39.06	40	0.88
38	42.69	1.50	40.00	3.50	38.81	0.38	38.06	Specified by purchaser	160	41.06	40	0.88
40	44.69	1.50	42.00	3.62	40.81	0.38	40.06	Specified by purchaser	170	43.06	44	0.88
42	46.69	1.56	44.00	3.75	42.81	0.38	42.06	Specified by purchaser	185	45.06	48	0.88
44	49.25	1.69	46.25	4.12	44.88	0.38	44.06	Specified by purchaser	230	47.38	36	1.00
46	51.25	1.75	48.25	4.25	46.88	0.38	46.06	Specified by purchaser	245	49.38	40	1.00
48	53.25	1.81	50.25	4.38	48.88	0.38	48.06	Specified by purchaser	270	51.38	44	1.00
50	55.25	1.88	52.25	4.56	50.94	0.38	50.06	Specified by purchaser	290	53.38	44	1.00
52	57.38	1.88	54.25	4.75	52.94	0.38	52.06	Specified by purchaser	310	55.50	48	1.00
54	59.38	1.94	56.25	4.94	55.00	0.38	54.06	Specified by purchaser	340	57.50	48	1.00
56	62.00	2.00	58.50	5.31	57.12	0.44	56.06	Specified by purchaser	400	59.88	40	1.12
58	64.00	2.06	60.50	5.44	59.12	0.44	58.06	Specified by purchaser	430	61.88	44	1.12
60	66.00	2.19	62.50	5.69	61.12	0.44	60.06	Specified by purchaser	475	63.88	44	1.12

# ASME B16.47 SERIES B WELDING NECK FLANGES

## Class 150

### Note:

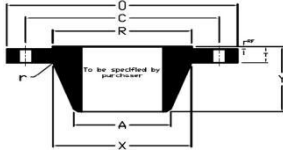


- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	30.94	1.62	28	3.5	26.94	0.38	26.06	Specified by purchaser	120	29.31	36	0.88
28	32.94	1.75	30	3.75	28.94	0.38	28.06	Specified by purchaser	140	31.31	40	0.88
30	34.94	1.75	32	3.94	31	0.38	30.06	Specified by purchaser	150	33.31	44	0.88
32	37.06	1.81	34	4.25	33.06	0.38	32.06	Specified by purchaser	170	35.44	48	0.88
34	39.56	1.94	36.25	4.34	35.12	0.38	34.06	Specified by purchaser	210	37.69	40	1
36	41.62	2.06	38.25	4.62	37.19	0.38	36.06	Specified by purchaser	240	39.75	44	1
38	44.25	2.12	40.25	4.88	39.25	0.38	38.12	Specified by purchaser	290	42.12	40	1.12
40	46.25	2.19	42.5	5.06	41.31	0.38	40.12	Specified by purchaser	310	44.12	44	1.12
42	48.25	2.31	44.5	5.25	43.38	0.44	42.12	Specified by purchaser	345	46.12	48	1.12
44	50.25	2.38	46.5	5.38	45.38	0.44	44.12	Specified by purchaser	370	48.12	52	1.12
46	52.81	2.44	48.62	5.69	47.44	0.44	46.12	Specified by purchaser	435	50.56	40	1.25
48	54.81	2.56	50.75	5.88	49.5	0.44	48.12	Specified by purchaser	480	52.56	44	1.25
50	56.81	2.69	52.75	6.06	51.5	0.44	50.12	Specified by purchaser	520	54.56	48	1.25
52	58.81	2.75	54.75	6.19	53.56	0.44	52.12	Specified by purchaser	550	56.56	52	1.25
54	61	2.81	56.75	6.38	55.62	0.44	54.12	Specified by purchaser	620	58.75	56	1.25
56	63	2.88	58.75	6.56	57.69	0.56	56.12	Specified by purchaser	650	60.75	60	1.25
58	65.94	2.94	60.75	6.88	59.69	0.56	58.12	Specified by purchaser	780	63.44	48	1.38
60	67.94	3	63	7.06	61.81	0.56	60.12	Specified by purchaser	850	65.44	52	1.38

# ASME B16.47 SERIES B WELDING NECK FLANGES

## Class 300



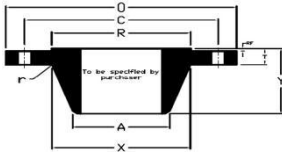
### Note:

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	34.12	3.50	29.00	5.69	27.62	0.56	26.19	Specified by purchaser	400	31.62	32	1.38
28	36.25	3.50	31.00	5.88	29.75	0.56	28.19	Specified by purchaser	450	33.75	36	1.38
30	39.00	3.69	33.25	6.22	32.00	0.56	30.25	Specified by purchaser	550	36.25	36	1.50
32	41.50	4.06	35.50	6.62	34.00	0.62	32.25	Specified by purchaser	685	38.50	32	1.62
34	43.62	4.06	37.50	6.81	36.12	0.62	34.25	Specified by purchaser	750	40.62	36	1.62
36	46.12	4.06	39.75	7.12	38.00	0.62	36.25	Specified by purchaser	840	42.88	32	1.75
38	48.12	4.38	41.75	7.56	40.00	0.62	38.25	Specified by purchaser	915	44.88	36	1.75
40	50.12	4.56	43.88	7.81	42.00	0.62	40.25	Specified by purchaser	990	46.88	40	1.75
42	52.50	4.69	46.00	8.06	44.00	0.62	42.31	Specified by purchaser	1135	49.00	36	1.88
44	54.50	5.00	48.00	8.44	46.19	0.62	44.31	Specified by purchaser	1235	51.00	40	1.88
46	57.50	5.06	50.00	8.75	48.38	0.62	46.31	Specified by purchaser	1470	53.75	36	2.00
48	59.50	5.06	52.25	8.81	50.31	0.62	48.31	Specified by purchaser	1575	55.75	40	2.00
50	61.50	5.44	54.25	9.25	52.38	0.62	50.31	Specified by purchaser	1710	57.75	44	2.00
52	63.50	5.62	56.25	9.56	54.44	0.62	52.31	Specified by purchaser	1840	59.75	48	2.00
54	65.88	5.38	58.25	9.44	56.50	0.62	54.31	Specified by purchaser	1980	62.12	48	2.00
56	69.50	6.06	60.50	10.56	58.81	0.69	56.31	Specified by purchaser	2595	65.00	36	2.38
58	71.94	6.06	62.75	10.81	60.94	0.69	58.31	Specified by purchaser	2770	67.44	40	2.38
60	73.94	5.94	65.00	10.69	62.94	0.69	60.31	Specified by purchaser	2870	69.44	40	2.38

# ASME B16.47 SERIES B WELDING NECK FLANGES

## Class 400



### Note:

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

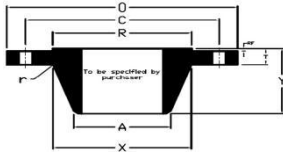
Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	33.50	3.50	28.00	5.88	27.12	0.44	26	Specified by purchaser	360	30.75	28	1.50
28	36.00	3.75	30.00	6.25	29.12	0.50	28	Specified by purchaser	450	33.00	24	1.62
30	38.25	4.00	32.25	6.69	31.25	0.50	30	Specified by purchaser	530	35.25	28	1.62
32	40.75	4.25	34.38	7.06	33.25	0.50	32	Specified by purchaser	635	37.50	28	1.75
34	42.75	4.38	36.50	7.38	35.38	0.56	34	Specified by purchaser	690	39.50	32	1.75
36	45.50	4.69	38.62	7.88	37.50	0.56	36	Specified by purchaser	855	42.00	28	1.88

## Class 600

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	35.00	4.38	28.62	7.12	27.50	0.50	26	Specified by purchaser	550	31.75	28	1.75
28	37.50	4.56	30.88	7.50	29.62	0.50	28	Specified by purchaser	650	34.00	28	1.88
30	40.25	4.94	33.12	8.06	31.75	0.50	30	Specified by purchaser	810	36.50	28	2.00
32	42.75	5.12	35.25	8.50	33.88	0.50	32	Specified by purchaser	950	38.75	28	2.12
34	45.75	5.56	37.50	9.19	36.00	0.56	34	Specified by purchaser	1205	41.50	24	2.38
36	47.75	5.75	39.75	9.56	38.12	0.56	36	Specified by purchaser	1340	43.50	28	2.38

# ASME B16.47 SERIES B WELDING NECK FLANGES

## Class 900



### Note:

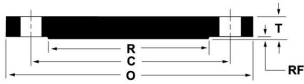
- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Length Thru Hub	Hub Diameter	Minimum Fillet Radius	Top of Hub	Bore	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(Y)	(X)	(r)	(A)	(B)	(lbs)	(C)		
26	40.25	5.31	30.00	10.19	29.25	0.44	26	Specified by purchaser	1050	35.50	20	2.62
28	43.50	5.81	32.25	10.88	31.38	0.50	28	Specified by purchaser	1520	38.25	20	2.88
30	46.50	6.12	34.50	11.38	33.50	0.50	30	Specified by purchaser	1820	40.75	20	3.12
32	48.75	6.31	36.50	11.94	35.75	0.50	32	Specified by purchaser	2065	43.00	20	3.12
34	51.75	6.75	39.00	12.56	37.88	0.56	34	Specified by purchaser	2450	45.50	20	3.38
36	53.00	6.81	40.50	12.81	40.00	0.56	36	Specified by purchaser	2520	47.25	24	3.12



# ASME B16.47 SERIES B BLIND FLANGES

## Class 75



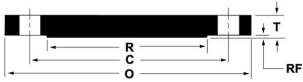
### Note:

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	30.00	1.31	27.75	255	28.50	36	0.75
28	32.00	1.31	29.75	290	30.50	40	0.75
30	34.00	1.31	31.75	330	32.50	44	0.75
32	36.00	1.44	33.75	390	34.50	48	0.75
34	38.00	1.50	35.75	430	36.50	52	0.75
36	40.69	1.67	38.00	520	39.06	40	0.88
38	42.69	1.75	40.00	595	41.06	40	0.88
40	44.69	1.75	42.00	760	43.06	44	0.88
42	46.69	1.88	44.00	895	45.06	48	0.88
44	49.25	1.94	46.25	1065	47.38	36	1.00
46	51.25	2.00	48.25	1185	49.38	40	1.00
48	53.25	2.12	50.25	1315	51.38	44	1.00
50	55.25	2.18	52.25	1505	53.38	44	1.00
52	57.38	2.25	54.25	1665	55.50	48	1.00
54	59.38	2.38	56.25	1840	57.50	48	1.00
56	62.00	2.44	58.50	2111	59.88	40	1.12
58	64.00	2.50	60.50	2300	61.88	44	1.12
60	66.00	2.62	62.50	2500	63.88	44	1.12

# ASME B16.47 SERIES B BLIND FLANGES

## Class 150



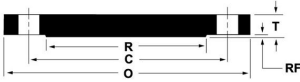
### Note:

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	30.94	1.75	28.00	375	29.31	36	0.88
28	32.94	1.88	30.00	455	31.31	40	0.88
30	34.94	2.00	32.00	545	33.31	44	0.88
32	37.06	2.12	34.00	648	35.44	48	0.88
34	39.56	2.25	36.25	782	37.69	40	1.00
36	41.62	2.31	38.25	890	39.75	44	1.00
38	44.25	2.50	40.25	1090	42.12	40	1.12
40	46.25	2.62	42.50	1247	44.12	44	1.12
42	48.25	2.69	44.50	1393	46.12	48	1.12
44	50.25	2.81	46.50	1579	48.12	52	1.12
46	52.81	2.94	48.62	1825	50.56	40	1.25
48	54.81	3.06	50.75	2045	52.56	44	1.25
50	56.81	3.18	52.75	2284	54.56	48	1.25
52	58.81	3.31	54.75	2547	56.56	52	1.25
54	61.00	3.44	56.75	2848	58.75	56	1.25
56	63.00	3.56	58.75	3145	60.75	60	1.25
58	65.94	3.68	60.75	3560	63.44	48	1.38
60	67.94	3.81	63.00	3913	65.44	52	1.38

# ASME B16.47 SERIES B BLIND FLANGES

## Class 300



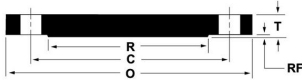
### Note:

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	34.12	3.50	29.00	905	31.62	32	1.38
28	36.25	3.50	31.00	1023	33.75	36	1.38
30	39.00	3.69	33.25	1250	36.25	36	1.50
32	41.50	4.06	35.50	1556	38.50	32	1.62
34	43.62	4.06	37.50	1719	40.62	36	1.62
36	46.12	4.06	39.75	1920	42.88	32	1.75
38	48.12	4.38	41.75	2257	44.88	36	1.75
40	50.12	4.56	43.88	2550	46.88	40	1.75
42	52.50	4.69	46.00	2875	49.00	36	1.88
44	54.50	5.00	48.00	3305	51.00	40	1.88
46	57.50	5.12	50.00	3766	53.75	36	2.00
48	59.50	5.31	52.25	4183	55.75	40	2.00
50	61.50	5.50	54.25	4629	57.75	44	2.00
52	63.50	5.68	56.25	5096	59.75	48	2.00
54	65.88	5.88	58.25	5679	62.12	48	2.00
56	69.50	6.18	60.50	6642	65.00	36	2.38
58	71.94	6.38	62.75	7347	67.44	40	2.38
60	73.94	6.56	65.00	7980	69.44	40	2.38

# ASME B16.47 SERIES B BLIND FLANGES

## Class 400

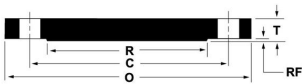


**Note:**

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	33.50	3.50	28.00	875	30.75	28	1.50
28	36.00	3.75	30.00	1081	33.00	24	1.62
30	38.25	4.00	32.25	1302	35.25	28	1.62
32	40.75	4.25	34.38	1570	37.50	28	1.75
34	42.75	4.38	36.50	1780	39.50	32	1.75
36	45.50	4.69	38.62	2160	42.00	28	1.88

## Class 600

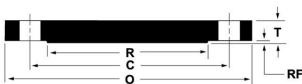


**Note:**

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	35.00	4.38	28.62	1195	31.75	28	1.75
28	37.50	4.56	30.88	1427	34.00	28	1.88
30	40.25	5.00	33.12	1800	36.50	28	2.00
32	42.75	5.31	35.25	2160	38.75	28	2.12
34	45.75	5.68	37.50	2645	41.50	24	2.38
36	47.75	5.94	39.75	3013	43.50	28	2.38

## Class 900



**Note:**

- All dimensions are in inches.
- These flanges will be supplied with a 1/16" raised face unless otherwise specified.
- Flat face option available.

Nominal Pipe Size	Outside Diameter	Minimum Thickness	Raised Face Diameter	Approximate Weight	Bolt Circle	Number of Holes	Diameter of Holes
	(O)	(T)	(R)	(lbs)	(C)		
26	40.25	6.06	30.00	2185	35.50	20	2.62
28	43.50	6.56	32.25	2762	38.25	20	2.88
30	46.50	6.93	34.50	3334	40.75	20	3.12
32	48.75	7.31	36.50	3865	43.00	20	3.12
34	51.75	7.68	39.00	4575	45.50	20	3.38
36	53.00	7.94	40.50	4963	47.25	24	3.12