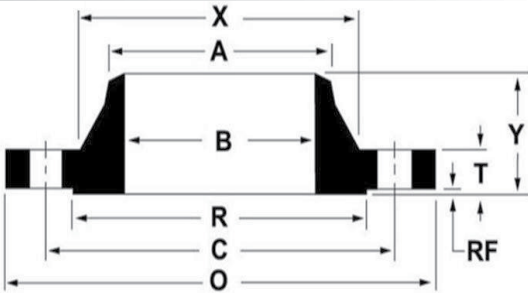


FLANGES

ANSI B16.5 CLASS 1500 WELDING NECK FLANGES



All dimensions are in inches.

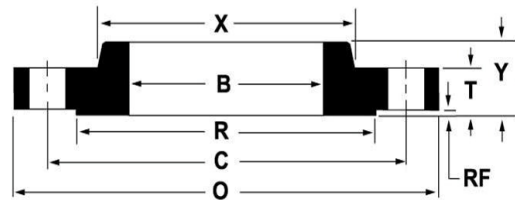
These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available.

Nominal Pipe Size	Outside Diameter (O)	Thick-ness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Point of Weld (A)	Hub Diameter (X)	Bore (B)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	inch		inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.38"	2.38"	0.84"	1.50"		5	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.69"	2.75"	1.05"	1.75"		6	3.50"	4	0.88"
1"	5.88"	1.13"	2.00"	2.88"	1.32"	2.06"		9	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	2.50"	2.88"	1.66"	2.50"		10	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	2.88"	3.25"	1.90"	2.75"		13	4.88"	4	1.13"
2"	8.50"	1.50"	3.63"	4.00"	2.38"	4.13"		25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	4.13"	4.06"	2.88"	4.88"		36	7.50"	8	1.13"
3"	10.50"	1.88"	5.00"	4.63"	3.50"	5.25"		48	8.00"	8	1.25"
4"	12.25"	2.13"	6.19"	4.88"	4.50"	6.38"		73	9.50"	8	1.38"
5"	14.75"	2.88"	7.31"	6.13"	5.56"	7.75"	Specified by Purchaser	130	11.50"	8	1.63"
6"	15.50"	3.25"	8.50"	6.75"	6.63"	9.00"		165	12.50"	12	1.50"
8"	19.00"	3.63"	10.63"	8.38"	8.63"	11.50"		275	15.50"	12	1.75"
10"	23.00"	4.25"	12.75"	10.00"	10.75"	14.50"		455	19.00"	12	2.00"
12"	26.50"	4.88"	15.00"	11.13"	12.75"	17.75"		690	22.50"	16	2.13"
14"	29.50"	5.25"	16.25"	11.75"	14.00"	19.50"		940	25.00"	16	2.38"
16"	32.50"	5.75"	18.50"	12.25"	16.00"	21.75"		1250	27.75"	16	2.63"
18"	36.00"	6.38"	21.00"	12.88"	18.00"	23.50"		1625	30.50"	16	2.88"
20"	38.75"	7.00"	23.00"	14.00"	20.00"	25.25"		2050	32.75"	16	3.13"
24"	46.00"	8.00"	27.25"	16.00"	24.00"	30.00"		3325	39.00"	16	3.63"

FLANGES

ANSI B16.5 CLASS 1500 SLIP-ON FLANGES



Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Hub Diameter (X)	Bore (B)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	inch	inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.38"	1.25"	1.50"	0.88"	4	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.69"	1.38"	1.75"	1.09"	5	3.50"	4	0.88"
1"	5.88"	1.13"	2.00"	1.63"	2.06"	1.36"	8	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	2.50"	1.63"	2.50"	1.70"	9	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	2.88"	1.75"	2.75"	1.95"	12	4.88"	4	1.13"
2"	8.50"	1.50"	3.63"	2.25"	4.13"	2.44"	25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	4.13"	2.50"	4.88"	2.94"	36	7.50"	8	1.13"
3"	10.50"	1.88"	5.00"	2.88"	5.25"	3.57"	48	8.00"	8	1.25"
4"	12.25"	2.13"	6.19"	3.56"	6.38"	4.57"	73	9.50"	8	1.38"
5"	14.75"	2.88"	7.31"	4.13"	7.75"	5.66"	130	11.50"	8	1.63"
6"	15.50"	3.25"	8.50"	4.69"	9.00"	6.72"	165	12.50"	12	1.50"
8"	19.00"	3.63"	10.63"	5.63"	11.50"	8.72"	260	15.50"	12	1.75"
10"	23.00"	4.25"	12.75"	6.25"	14.50"	10.88"	435	19.00"	12	2.00"
12"	26.50"	4.88"	15.00"	7.13"	17.75"	12.88"	580	22.50"	16	2.13"

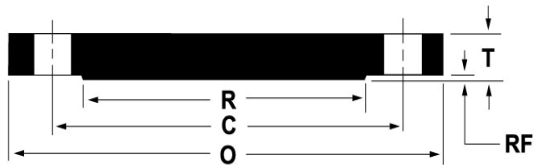
All dimensions are in inches.

These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available

FLANGES

ANSI B16.5 CLASS 1500 BLIND FLANGES



All dimensions are in inches.

These flanges will be supplied with a 1/16" raised face unless otherwise specified.

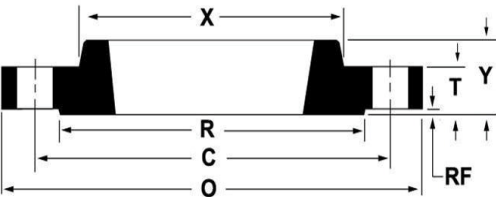
Flat face option available

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.38"	4	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.69"	6	3.50"	4	0.88"
1"	5.88"	1.13"	2.00"	8	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	2.50"	9	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	2.88"	13	4.88"	4	1.13"
2"	8.50"	1.50"	3.63"	25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	4.13"	35	7.50"	8	1.13"
3"	10.50"	1.88"	5.00"	48	8.00"	8	1.25"
4"	12.25"	2.13"	6.19"	73	9.50"	8	1.38"
5"	14.75"	2.88"	7.31"	140	11.50"	8	1.63"
6"	15.50"	3.25"	8.50"	160	12.50"	12	1.50"
8"	19.00"	3.63"	10.63"	300	15.50"	12	1.75"
10"	23.00"	4.25"	12.75"	510	19.00"	12	2.00"
12"	26.50"	4.88"	15.00"	690	22.50"	16	2.13"
14"	29.50"	5.25"	16.25"	975	25.00"	16	2.38"
16"	32.50"	5.75"	18.50"	1300	27.75"	16	2.63"
18"	36.00"	6.38"	21.00"	1750	30.50"	16	2.88"
20"	38.75"	7.00"	23.00"	2225	32.75"	16	3.13"
24"	46.00"	8.00"	27.25"	3625	39.00"	16	3.63"

FLANGES

ANSI B16.5 CLASS 1500 THREADED FLANGES

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Hub Diameter (X)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.38"	1.25"	1.50"	4	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.69"	1.38"	1.75"	5	3.50"	4	0.88"
1"	5.88"	1.13"	2.00"	1.63"	2.06"	8	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	2.50"	1.63"	2.50"	9	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	2.88"	1.75"	2.75"	12	4.88"	4	1.13"
2"	8.50"	1.50"	3.63"	2.25"	4.13"	25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	4.13"	2.50"	4.88"	36	7.50"	8	1.13"
3"	10.50"	1.88"	5.00"	2.88"	5.25"	48	8.00"	8	1.25"
4"	12.25"	2.13"	6.19"	3.56"	6.38"	73	9.50"	8	1.38"
5"	14.75"	2.88"	7.31"	4.13"	7.75"	130	11.50"	8	1.63"
6"	15.50"	3.25"	8.50"	4.69"	9.00"	165	12.50"	12	1.50"
8"	19.00"	3.63"	10.63"	5.63"	11.50"	260	15.50"	12	1.75"
10"	23.00"	4.25"	12.75"	6.25"	14.50"	435	19.00"	12	2.00"
12"	26.50"	4.88"	15.00"	7.13"	17.75"	580	22.50"	16	2.13"



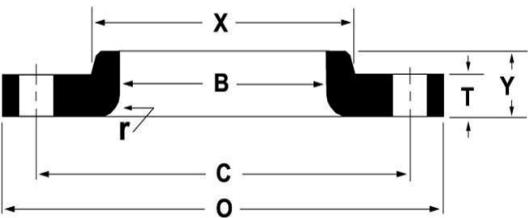
All dimensions are in inches.

These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available

FLANGES

ANSI B16.5 CLASS 1500 LAP JOINT FLANGES

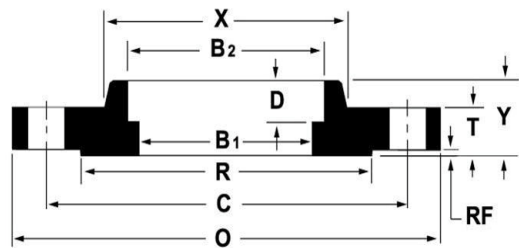


All dimensions are in inches.

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Length Thru Hub (Y)	Hub Diameter (X)	Radius (r)	Bore (B)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	inch	inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.25"	1.50"	0.13"	0.90"	4	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.38"	1.75"	0.13"	1.11"	5	3.50"	4	0.88"
1"	5.88"	1.13"	1.63"	2.06"	0.13"	1.38"	8	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	1.63"	2.50"	0.19"	1.72"	9	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	1.75"	2.75"	0.25"	1.97"	12	4.88"	4	1.13"
2"	8.50"	1.50"	2.25"	4.13"	0.31"	2.46"	25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	2.50"	4.88"	0.31"	2.97"	35	7.50"	8	1.13"
3"	10.50"	1.88"	2.88"	5.25"	0.38"	3.60"	47	8.00"	8	1.25"
4"	12.25"	2.13"	3.56"	6.38"	0.38"	4.60"	75	9.50"	8	1.38"
5"	14.75"	2.88"	4.13"	7.75"	0.44"	5.69"	140	11.50"	8	1.63"
6"	15.50"	3.25"	4.69"	9.00"	0.44"	6.75"	170	12.50"	12	1.50"
8"	19.00"	3.63"	5.63"	11.50"	0.50"	8.75"	285	15.50"	12	1.75"
10"	23.00"	4.25"	7.00"	14.50"	0.50"	10.92"	485	19.00"	12	2.00"
12"	26.50"	4.88"	8.63"	17.75"	0.50"	12.92"	630	22.50"	16	2.13"
14"	29.50"	5.25"	9.50"	19.50"	0.50"	14.18"	890	25.00"	16	2.38"
16"	32.50"	5.75"	10.25"	21.75"	0.50"	16.19"	1150	27.75"	16	2.63"
18"	36.00"	6.38"	10.88"	23.50"	0.50"	18.20"	1475	30.50"	16	2.88"
20"	38.75"	7.00"	11.50"	25.25"	0.50"	20.25"	1775	32.75"	16	3.13"
24"	46.00"	8.00"	13.00"	30.00"	0.50"	24.25"	2825	39.00"	16	3.63"

FLANGES

ANSI B16.5 CLASS 1500 SOCKET-WELD FLANGES



All dimensions are in inches.

These flanges will be supplied with a 1/4" raised face unless otherwise specified.

Flat face option available.

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	Length Thru Hub (Y)	Hub Diameter (X)	Bore (B ₁)	Bore (B ₂)	Depth of Socket (D)	Approximate Weight (lbs)	Bolt Circle (C)	Number of Holes	Diameter of Holes
inch	inch	inch	inch	inch	inch	inch	inch	inch	lbs	inch	count	inch
1/2"	4.75"	0.88"	1.38"	1.25"	1.50"	Specified by Purchaser	0.88"	0.38"	4	3.25"	4	0.88"
3/4"	5.13"	1.00"	1.69"	1.38"	1.75"	Specified by Purchaser	1.09"	0.44"	5	3.50"	4	0.88"
1"	5.88"	1.13"	2.00"	1.63"	2.06"	Specified by Purchaser	1.36"	0.50"	8	4.00"	4	1.00"
1 1/4"	6.25"	1.13"	2.50"	1.63"	2.50"	Specified by Purchaser	1.70"	0.56"	9	4.38"	4	1.00"
1 1/2"	7.00"	1.25"	2.88"	1.75"	2.75"	Specified by Purchaser	1.95"	0.63"	12	4.88"	4	1.13"
2"	8.50"	1.50"	3.63"	2.25"	4.13"	Specified by Purchaser	2.44"	0.69"	25	6.50"	8	1.00"
2 1/2"	9.63"	1.63"	4.13"	2.50"	4.88"	Specified by Purchaser	2.94"	0.75"	36	7.50"	8	1.13"