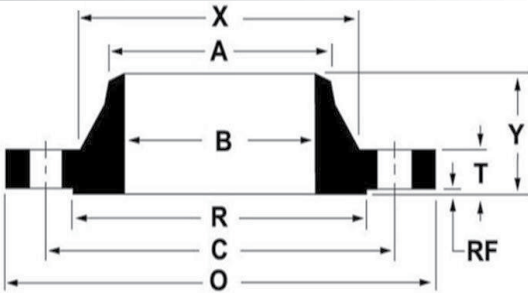


FLANGES

ANSI B16.5 CLASS 600 WELDING NECK FLANGES



All dimensions are in inches.

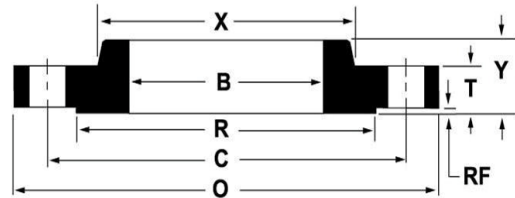
These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available.

Nominal Pipe Size	Outside Diameter (O)	Thickness (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	inch	lbs	inch	count	inch
1/2"	3.75"	0.56"	1.38"	2.06"	0.84"	1.50"	Specified by Purchaser	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.69"	2.25"	1.05"	1.88"		4	3.25"	4	0.75"
1"	4.88"	0.69"	2.00"	2.44"	1.32"	2.13"		4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	2.50"	2.63"	1.66"	2.50"		6	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	2.88"	2.75"	1.90"	2.75"		8	4.50"	4	0.88"
2"	6.50"	1.00"	3.63"	2.88"	2.38"	3.31"		12	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	4.13"	3.13"	2.88"	3.94"		18	5.88"	8	0.88"
3"	8.25"	1.25"	5.00"	3.25"	3.50"	4.63"		23	6.63"	8	0.88"
3 1/2"	9.00"	1.38"	5.50"	3.38"	4.00"	5.25"		26	7.25"	8	1.00"
4"	10.75"	1.50"	6.19"	4.00"	4.50"	6.00"		42	8.50"	8	1.00"
5"	13.00"	1.75"	7.31"	4.50"	5.56"	7.44"		68	10.50"	8	1.13"
6"	14.00"	1.88"	8.50"	4.63"	6.63"	8.75"		81	11.50"	12	1.13"
8"	16.50"	2.19"	10.63"	5.25"	8.63"	10.75"		120	13.75"	12	1.25"
10"	20.00"	2.50"	12.75"	6.00"	10.75"	13.50"		190	17.00"	16	1.38"
12"	22.00"	2.63"	15.00"	6.13"	12.75"	15.75"		225	19.25"	20	1.38"
14"	23.75"	2.75"	16.25"	6.50"	14.00"	17.00"		280	20.75"	20	1.50"
16"	27.00"	3.00"	18.50"	7.00"	16.00"	19.50"		390	23.75"	20	1.63"
18"	29.25"	3.25"	21.00"	7.25"	18.00"	21.50"		475	25.75"	20	1.75"
20"	32.00"	3.50"	23.00"	7.50"	20.00"	24.00"		590	28.50"	24	1.75"
22"	34.25"	3.75"	25.25"	7.75"	22.00"	26.25"		720	30.63"	24	1.88"
24"	37.00"	4.00"	27.25"	8.00"	24.00"	28.25"		830	33.00"	24	2.00"

FLANGES

ANSI B16.5 CLASS 600 SLIP-ON FLANGES



All dimensions are in inches.

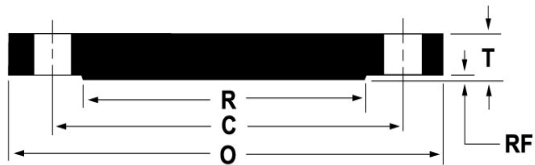
These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available

Nominal Pipe Size	Outside Diameter (O)	Thickness (T)	Raised Face Diameter (R)	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"	3.75"	0.56"	1.38"	0.88"	1.50"	0.88"	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.69"	1.00"	1.88"	1.09"	3	3.25"	4	0.75"
1"	4.88"	0.69"	2.00"	1.06"	2.13"	1.36"	4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	2.50"	1.13"	2.50"	1.70"	5	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	2.88"	1.25"	2.75"	1.95"	7	4.50"	4	0.88"
2"	6.50"	1.00"	3.63"	1.44"	3.31"	2.44"	9	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	4.13"	1.63"	3.94"	2.94"	13	5.88"	8	0.88"
3"	8.25"	1.25"	5.00"	1.81"	4.63"	3.57"	16	6.63"	8	0.88"
3 1/2"	9.00"	1.38"	5.50"	1.94"	5.25"	4.07"	21	7.25"	8	1.00"
4"	10.75"	1.50"	6.19"	2.13"	6.00"	4.57"	37	8.50"	8	1.00"
5"	13.00"	1.75"	7.31"	2.38"	7.44"	5.66"	63	10.50"	8	1.13"
6"	14.00"	1.88"	8.50"	2.63"	8.75"	6.72"	80	11.50"	12	1.13"
8"	16.50"	2.19"	10.63"	3.00"	10.75"	8.72"	115	13.75"	12	1.25"
10"	20.00"	2.50"	12.75"	3.38"	13.50"	10.88"	170	17.00"	16	1.38"
12"	22.00"	2.63"	15.00"	3.63"	15.75"	12.88"	200	19.25"	20	1.38"
14"	23.75"	2.75"	16.25"	3.69"	17.00"	14.14"	230	20.75"	20	1.50"
16"	27.00"	3.00"	18.50"	4.19"	19.50"	16.16"	330	23.75"	20	1.63"
18"	29.25"	3.25"	21.00"	4.63"	21.50"	18.18"	400	25.75"	20	1.75"
20"	32.00"	3.50"	23.00"	5.00"	24.00"	20.20"	510	28.50"	24	1.75"
22"	34.25"	3.75"	25.25"	5.25"	26.25"	22.22"	590	30.63"	24	1.88"
24"	37.00"	4.00"	27.25"	5.50"	28.25"	24.25"	730	33.00"	24	2.00"

FLANGES

ANSI B16.5 CLASS 600 BLIND FLANGES



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"	3.75"	0.56"	1.38"	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.69"	3	3.25"	4	0.75"
1"	4.88"	0.69"	2.00"	4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	2.50"	5	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	2.88"	8	4.50"	4	0.88"
2"	6.50"	1.00"	3.63"	10	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	4.13"	15	5.88"	8	0.88"
3"	8.25"	1.25"	5.00"	20	6.63"	8	0.88"
3 1/2"	9.00"	1.38"	5.50"	29	7.25"	8	1.00"
4"	10.75"	1.50"	6.19"	41	8.50"	8	1.00"
5"	13.00"	1.75"	7.31"	68	10.50"	8	1.13"
6"	14.00"	1.88"	8.50"	86	11.50"	12	1.13"
8"	16.50"	2.19"	10.63"	140	13.75"	12	1.25"
10"	20.00"	2.50"	12.75"	230	17.00"	16	1.38"
12"	22.00"	2.63"	15.00"	295	19.25"	20	1.38"
14"	23.75"	2.75"	16.25"	355	20.75"	20	1.50"
16"	27.00"	3.00"	18.50"	495	23.75"	20	1.63"
18"	29.25"	3.25"	21.00"	630	25.75"	20	1.75"
20"	32.00"	3.50"	23.00"	810	28.50"	24	1.75"
22"	34.25"	3.75"	25.25"	1000	30.63"	24	1.88"
24"	37.00"	4.00"	27.25"	1250	33.00"	24	2.00"

All dimensions are in inches.

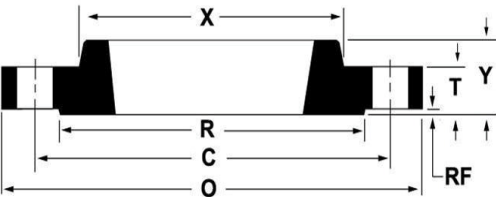
These flanges will be supplied with a 1/16" raised face unless otherwise specified.

Flat face option available

FLANGES

ANSI B16.5 CLASS 600 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"	3.75"	0.56"	1.38"	0.88"	1.50"	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.69"	1.00"	1.88"	3	3.25"	4	0.75"
1"	4.88"	0.69"	2.00"	1.06"	2.13"	4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	2.50"	1.13"	2.50"	5	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	2.88"	1.25"	2.75"	7	4.50"	4	0.88"
2"	6.50"	1.00"	3.63"	1.44"	3.31"	9	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	4.13"	1.63"	3.94"	13	5.88"	8	0.88"
3"	8.25"	1.25"	5.00"	1.81"	4.63"	16	6.63"	8	0.88"
3 1/2"	9.00"	1.38"	5.50"	1.94"	5.25"	21	7.25"	8	1.00"
4"	10.75"	1.50"	6.19"	2.13"	6.00"	37	8.50"	8	1.00"
5"	13.00"	1.75"	7.31"	2.38"	7.44"	63	10.50"	8	1.13"
6"	14.00"	1.88"	8.50"	2.63"	8.75"	80	11.50"	12	1.13"
8"	16.50"	2.19"	10.63"	3.00"	10.75"	115	13.75"	12	1.25"
10"	20.00"	2.50"	12.75"	3.38"	13.50"	170	17.00"	16	1.38"
12"	22.00"	2.63"	15.00"	3.63"	15.75"	200	19.25"	20	1.38"
14"	23.75"	2.75"	16.25"	3.69"	17.00"	230	20.75"	20	1.50"
16"	27.00"	3.00"	18.50"	4.19"	19.50"	330	23.75"	20	1.63"
18"	29.25"	3.25"	21.00"	4.63"	21.50"	400	25.75"	20	1.75"
20"	32.00"	3.50"	23.00"	5.00"	24.00"	510	28.50"	24	1.75"
22"	34.25"	3.75"	25.25"	5.25"	26.25"	590	30.63"	24	1.88"
24"	37.00"	4.00"	27.25"	5.50"	28.25"	730	33.00"	24	2.00"



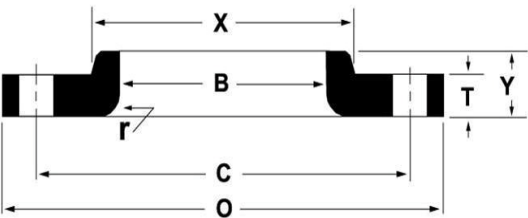
All dimensions are in inches.

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

Flat face option available

FLANGES

ANSI B16.5 CLASS 600 LAP JOINT FLANGES

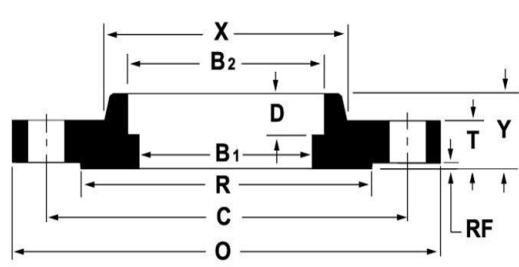


All dimensions are in inches.

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"	3.75"	0.56"	0.88"	1.50"	0.13"	0.90"	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.00"	1.88"	0.13"	1.11"	3	3.25"	4	0.75"
1"	4.88"	0.69"	1.06"	2.13"	0.13"	1.38"	4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	1.13"	2.50"	0.19"	1.72"	5	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	1.25"	2.75"	0.25"	1.97"	7	4.50"	4	0.88"
2"	6.50"	1.00"	1.44"	3.31"	0.31"	2.46"	9	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	1.63"	3.94"	0.31"	2.97"	12	5.88"	8	0.88"
3"	8.25"	1.25"	1.81"	4.63"	0.38"	3.60"	15	6.63"	8	0.88"
3 1/2"	9.00"	1.38"	1.94"	5.25"	0.38"	4.10"	20	7.25"	8	1.00"
4"	10.75"	1.50"	2.13"	6.00"	0.44"	4.60"	36	8.50"	8	1.00"
5"	13.00"	1.75"	2.38"	7.44"	0.44"	5.69"	61	10.50"	8	1.13"
6"	14.00"	1.88"	2.63"	8.75"	0.50"	6.75"	78	11.50"	12	1.13"
8"	16.50"	2.19"	3.00"	10.75"	0.50"	8.75"	110	13.75"	12	1.25"
10"	20.00"	2.50"	4.38"	13.50"	0.50"	10.92"	170	17.00"	16	1.38"
12"	22.00"	2.63"	4.63"	15.75"	0.50"	12.92"	200	19.25"	20	1.38"
14"	23.75"	2.75"	5.00"	17.00"	0.50"	14.18"	250	20.75"	20	1.50"
16"	27.00"	3.00"	5.50"	19.50"	0.50"	16.19"	365	23.75"	20	1.63"
18"	29.25"	3.25"	6.00"	21.50"	0.50"	18.20"	435	25.75"	20	1.75"
20"	32.00"	3.50"	6.50"	24.00"	0.50"	20.25"	570	28.50"	24	1.75"
22"	34.25"	3.75"	6.88"	26.25"	0.50"	22.25"	670	30.63"	24	1.88"
24"	37.00"	4.00"	7.25"	28.25"	0.50"	24.25"	810	33.00"	24	2.00"

FLANGES

ANSI B16.5 CLASS 600 SOCKET-WELD FLANGES



All dimensions are in inches.

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

Flat face option available.

Standard Bore will be furnished unless otherwise specified.

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"	3.75"	0.56"	1.38"	0.88"	1.50"	Specified by Purchaser	0.88"	0.38"	2	2.63"	4	0.63"
3/4"	4.63"	0.63"	1.69"	1.00"	1.88"	Specified by Purchaser	1.09"	0.44"	3	3.25"	4	0.75"
1"	4.88"	0.69"	2.00"	1.06"	2.13"	Specified by Purchaser	1.36"	0.50"	4	3.50"	4	0.75"
1 1/4"	5.25"	0.81"	2.50"	1.13"	2.50"	Specified by Purchaser	1.70"	0.56"	5	3.88"	4	0.75"
1 1/2"	6.13"	0.88"	2.88"	1.25"	2.75"	Specified by Purchaser	1.95"	0.63"	7	4.50"	4	0.88"
2"	6.50"	1.00"	3.63"	1.44"	3.31"	Specified by Purchaser	2.44"	0.69"	9	5.00"	8	0.75"
2 1/2"	7.50"	1.13"	4.13"	1.63"	3.94"	Specified by Purchaser	2.94"	0.75"	13	5.88"	8	0.88"
3"	8.25"	1.25"	5.00"	1.81"	4.63"	Specified by Purchaser	3.57"	0.81"	16	6.63"	8	0.88"