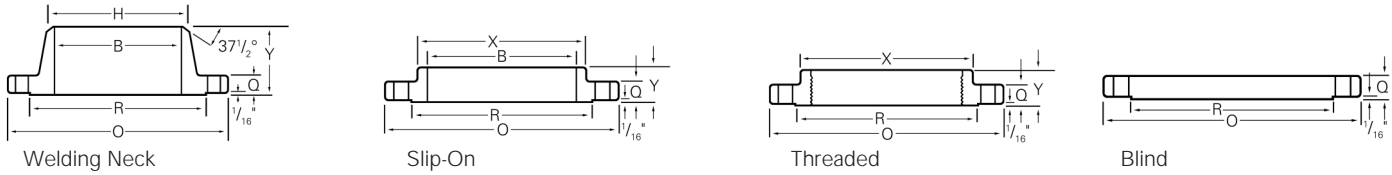


# Forged Stainless Steel Flanges

## Flanges, ANSI Class 150



- A forged stainless steel flange normally used with "annealed" pipe for 150 pound pressure systems.
- Alloys stocked include Grades F304, F304L, F316, F316L and F317L.
- Flanges conform dimensionally to ANSI B16.5, Class150.
- Heavier class flanges and non-standard flanges are available.
- Flanges with a standard raised-face are stocked but are available with a variety of other facings.
- Material conforms to ASTM A 182 and ASME SA-182.
- Reducing flanges and socket-welding flanges are supplied machined from blind flanges.

Nominal Pipe Size	H	O	Q	R	X	Bolt Holes	Bolt Circle	B Weld Neck	B Slip-On	B Lap Joint	Y Weld Neck	Y Threaded Slip-On	Y Lap Joint	Weights				
														Weld Neck	Slip-On	Lap Joint	Blind	Joint
1/2	.840	3 1/2	7/16	1 3/8	1 3/16	4 - 5/8	2 3/8	.62	.88	.90	1 7/8	5/8	5/8	2	1	2	1	1
3/4	1.05	3 7/8	1 1/2	1 11/16	1 1/2	4 - 5/8	2 3/4	.82	1.09	1.11	2 1/16	5/8	5/8	2	2	2	2	2
1	1.31	4 1/4	9/16	2	1 15/16	4 - 5/8	3 1/8	1.05	1.36	1.38	2 3/16	11/16	11/16	3	2	2	2	2
1 1/4	1.66	4 5/8	5/8	2 1/2	2 5/16	4 - 5/8	3 1/2	1.38	1.70	1.72	2 1/4	13/16	13/16	3	3	3	3	3
1 1/2	1.90	5	11/16	2 7/8	2 9/16	4 - 5/8	3 7/8	1.61	1.95	1.97	2 7/16	7/8	7/8	4	3	3	3	3
2	2 3/8	6	3/4	3 5/8	3 1/16	4 - 3/4	4 3/4	2.07	2.44	2.46	2 1/2	1	1	6	5	4	5	5
2 1/2	2 7/8	7	7/8	4 1/8	3 9/16	4 - 3/4	5 1/2	2.47	2.94	2.97	2 3/4	1 1/8	1 1/8	10	8	7	8	8
3	3 1/2	7 1/2	15/16	5	4 1/4	4 - 3/4	6	3.07	3.57	3.60	2 3/4	1 3/16	1 3/16	12	9	9	9	10
3 1/2	4	8 1/2	15/16	5 1/2	4 13/16	8 - 3/4	7	3.55	4.07	4.10	2 13/16	1 1/4	1 1/4	12	11	13	11	12
4	4 1/2	9	15/16	6 3/16	5 5/16	8 - 3/4	7 1/2	4.03	4.57	4.60	3	1 5/16	1 5/16	17	13	17	12	13
5	5 9/16	10	15/16	7 5/16	6 7/16	8 - 7/8	8 1/2	5.05	5.66	5.69	3 1/2	1 7/16	1 7/16	21	15	20	13	15
6	6 5/8	11	1	8 1/2	7 9/16	8 - 7/8	9 1/2	6.07	6.72	6.75	3 1/2	1 9/16	1 9/16	26	17	27	18	20
8	8 5/8	13 1/2	1 1/8	10 5/8	9 11/16	8 - 7/8	11 3/4	7.98	8.72	8.75	4	1 3/4	1 3/4	42	28	47	28	30
10	10 3/4	16	1 3/16	12 3/4	12	12-1	14 1/4	10.02	10.88	10.92	4	1 15/16	1 15/16	54	40	67	36	41
12	12 3/4	19	1 1/4	15	14 3/8	12-1	17	12.00	12.88	12.92	4 1/2	2 3/16	2 3/16	88	61	123	60	65
14	14	21	1 3/8	16 1/4	15 3/4	12-1	18 3/4	*	14.14	14.18	5	2 1/4	3 1/8	114	83	139	77	85
16	16	23 1/2	1 7/16	18 1/2	18	16-1	21 1/4	*	16.16	16.19	5	2 1/2	3 7/16	142	106	187	104	93
18	18	25	1 9/16	21	19 7/8	16-1	22 3/4	*	18.18	18.20	5 1/2	2 11/16	3 13/16	165	109	217	146	120
20	20	27 1/2	1 11/16	23	22	20-1	25	*	20.20	20.25	5 11/16	2 7/8	4 1/16	197	148	283	159	155
24	24	32	1 7/8	27 1/4	26 1/8	20-1	29 1/2	*	24.25	24.25	6	3 1/4	4 3/8	268	204	415	195	210

\* To be specified by purchaser.  
Dimensions are in inches. All weights are in pounds based on a metal density of .29 lb/in<sup>3</sup>