



API Flange Size	OLD API Nominal Size	API Working Pressure	OLD API Series	Outside Diameter of Flange	Total Thickness of Flange	# of Stud/Studs per Flange	Diameter of Stud & Stud Bolt	Length of Stud W/2 Nuts	Length of Stud W 1 Nut	Hammer Wrench Size	Ring Gasket Number	6BX Flange Bolt Torque
1-11/16		10,000		7-3/16	1-21/32	8	3/4	5	3-1/2	1-1/4	BX-150	200
1-11/16		15,000		7-5/8	1-3/4	8	3/4	5-1/4	3-1/2	1-1/4	BX-150	200
1-13/16	1-1/2	2,000	600	6-1/8	1-1/8	4	3/4	4-1/4	3	1-1/4	R-20	
1-13/16	1-1/2	3,000	900	7	1-1/2	4	1	5-1/2	3-1/2	1-5/8	R-20	
1-13/16	1-1/2	5,000	1,500	7	1-1/2	4	1	5-1/2	3-1/2	1-5/8	R-20	
1-13/16		10,000		7-3/8	1-21/32	8	3/4	5	3-1/2	1-1/4	BX-151	200
1-13/16		15,000		8-3/16	1-25/32	8	7/8	5-1/2	4-1/4	1-7/16	BX-151	325
1-13/16		20,000		10-1/8	2-1/2	8	1	7-1/2	5	1-5/8	BX-151	475
2-1/16	2	2,000	600	6-1/2	5	8	5/8	4-1/2	3-3/4	1-1/16	R-23	
2-1/16	2	3,000	900	8-1/2	6-1/2	8	7/8	6	4	1-7/16	R-24	
2-1/16	2	5,000	1,500	8-1/2	6-1/2	8	7/8	6	4	1-7/16	R-24	
2-1/16		10,000		7-7/8	6-1/4	8	3/4	5-1/4	3-1/2	1-1/4	BX-152	200
2-1/16		15,000		8-3/4	6-7/8	8	7/8	6	4-1/4	1-7/16	BX-152	325
2-1/16		20,000		11-5/16	9-1/16	8	1-1/8	8-1/4	5-1/2	1-13/16	BX-152	600
2-9/16	2-1/2	2,000	600	7-1/2	1-7/16	8	3/4	5	4	1-1/4	R-26	
2-9/16	2-1/2	3,000	900	9-5/8	1-15/16	8	1	6-1/2	4-3/4	1-5/8	R-27	
2-9/16	2-1/2	5,000	1,500	9-5/8	1-15/16	8	1	6-1/2	4-3/4	1-5/8	R-27	
2-9/16		10,000		9-1/8	2-1/64	8	7/8	6	4-1/4	1-7/16	BX-153	325
2-9/16		15,000		10	2-1/4	8	1	6-3/4	4-3/4	1-5/8	BX-153	475
2-9/16		20,000		12-13/16	3-1/8	8	1-1/4	9-1/4	6-1/4	2	BX-153	900
3-1/8	3	2,000	600	8-1/4	1-9/16	8	3/4	5-1/4	4-1/4	1-1/4	R-31	
3-1/8	3	3,000	900	9-1/2	1-13/16	8	7/8	6	4-1/2	1-7/16	R-31	
3-1/8	3	5,000	1,500	10-1/2	2-3/16	8	1-1/8	7-1/4	5-1/2	1-13/16	R-35	
3-1/16		10,000		10-5/8	2-9/64	8	1	6-3/4	4-3/4	1-5/8	BX-154	475
3-1/16		15,000		11-5/16	2-17/32	8	1-1/8	7-1/2	5-1/4	1-13/16	BX-154	600
3-1/16		20,000		14-1/16	3-3/8	8	1-3/8	10	6-3/4	2-3/16	BX-154	1,200
4-1/16	4	2,000	600	10-3/4	1-13/16	8	7/8	6	4-3/4	1-7/16	R-37	
4-1/16	4	3,000	900	11-1/2	2-1/16	8	1-1/8	7	5-1/4	1-13/16	R-37	
4-1/16	4	5,000	1,500	12-1/4	2-7/16	8	1-1/4	8	5-3/4	2	R-39	
4-1/16		10,000		12-7/16	2-49/64	8	1-1/8	8	5-1/2	1-13/16	BX-155	600
4-1/16		15,000		14-3/16	3-3/32	8	1-3/8	9-1/4	6-3/4	2-3/16	BX-155	1,200
4-1/16		20,000		17-9/16	4-3/16	8	1-3/4	12-1/4	8-1/4	2-3/4	BX-155	2,040
5-1/8	5	2,000	600	13	2-1/16	8	1	6-3/4	5	1-5/8	R-41	
5-1/8	5	3,000	900	13-3/4	2-5/16	8	1-1/4	7-3/4	5-3/4	2	R-41	
5-1/8	5	5,000	1,500	14-3/4	3-3/16	8	1-1/2	10	7-3/4	2-3/8	R-44	
5-1/8		10,000		14-1/16	3-1/8	12	1-1/8	8-3/4	6-3/4	1-13/16	BX-169	600
7-1/16	6	2,000	600	14	2-3/16	12	1	7	4-3/4	1-5/8	R-45	
7-1/16	6	3,000	900	15	2-1/2	12	1-1/8	8	5-1/2	1-13/16	R-45	
7-1/16	6	5,000	1,500	15-1/2	3-5/8	12	1-3/8	10-3/4	7-1/4	2-13/16	R-46	
7-1/16		10,000		18-7/8	4-1/16	12	1-1/2	11-1/4	7-1/2	2-3/8	BX-156	1,400
7-1/16		15,000		19-7/8	4-11/16	16	1-1/2	12-3/4	8-1/2	2-3/8	BX-156	1,400
7-1/16		20,000		25-13/16	6-1/2	16	2	17-1/2	11-1/4	3-1/8	BX-156	3,850
9	8	2,000	600	16-1/2	2-1/2	12	1-1/8	8	5-3/4	1-13/16	R-49	
9	8	3,000	900	18-1/2	2-13/16	12	1-3/8	9	6-6/4	2-13/16	R-49	
9	8	5,000	1,500	19	4-1/16	12	1-5/8	12	8-1/4	2-9/16	R-50	
9		10,000		21-3/4	4-7/8	16	1-1/2	13	8-1/2	2-3/8	BX-157	1,400
9		15,000		25-1/2	5-3/4	16	1-7/8	15-3/4	11	2-15/16	BX-157	3,220
9		20,000		31-11/16	8-1/16	16	2-1/2	22-3/8	13-3/4	3-7/8	BX-157	
11	10	2,000	600	20	2-13/16	16	1-1/4	8-3/4	6-1/4	2	R-53	
11	10	3,000	900	21-1/2	3-1/16	16	1-3/8	9-1/2	6-3/4	2-13/16	R-53	
11		5,000	1,500	23	4-11/16	12	1-7/8	13-3/4	9-1/4	2-15/16	R-54	
11		10,000		25-3/4	5-9/16	16	1-3/4	15	9-1/2	2-3/4	BX-158	2,040
11		15,000		32	7-3/8	20	2	19-1/4	12	3-1/8	BX-158	3,850
11		20,000		34-3/4	8-13/16	16	2-3/4	23-3/4		4-1/4	BX-159	
13-5/8	12	2,000	600	22	2-15/16	20	1-1/4	9	6-1/2	2	R-57	
13-5/8	12	3,000	900	24	3-7/16	20	1-3/8	10-1/4	7-1/4	2-15/16	R-57	
13-5/8	12	5,000	1,500	26-1/2	4-7/16	16	1-5/8	12-1/2	8-1/4	2-9/16	BX-160	1,700
13-5/8		10,000		30-1/4	6-5/8	20	1-7/8	17-1/4	10-3/4	2-15/16	BX-159	3,220
13-5/8		15,000		34-7/8	8-1/16	20	2-1/4	21-1/4	13	3-1/2	BX-159	
13-5/8		20,000		45-3/4	11-1/2	20	3	30		4-5/8	BX-159	
16-3/4	16	2,000	600	27	3-5/16	20	1-1/2	10-1/4	7-1/2	2-3/8	R-65	
16-3/4	16	3,000	900	27-3/4	3-15/16	20	1-5/8	11-3/4	8-1/4	2-9/16	R-66	
16-3/4	16	5,000	1,500	30-3/8	5-1/8	16	1-3/4	14-5/8	9-1/4	2-3/4	BX-161	2,040
16-3/4	16	5,000	1,500	30-3/8	5-1/8	16	1-7/8	14-1/2	9-1/4	2-15/16	BX-162	3,220
16-3/4		10,000		34-5/16	6-5/8	24	1-7/8	17-1/2	11	2-15/16	BX-162	3,220
17-3/4	18	2,000	600	29-1/4	3-9/16	20	1-5/8	11	8	2-9/16	R-69	
17-3/4	18	3,000	900	31	4-1/2	20	1-5/8	11-3/4	8-1/4	2-9/16	R-70	
18-3/4		5,000	1,500	35-5/8	7-1/8	20	2	17-1/2	11-1/2	3-1/8	BX-163	3,850
18-3/4		10,000		40-15/16	8-25/32	24	2-1/4	22-1/2	13-3/4	3-1/2	BX-164	
18-3/4		15,000		45-3/4	10-1/16	20	3	26-3/4		4-5/8	BX-164	
20-3/4	20	3,000	900	33-3/4	4-3/4	20	2	14-1/2	10	3-1/8	R-74	
21-1/4	20	2,000	600	32	3-7/8	24	1-5/8	11-3/4	8-1/4	2-9/16	R-73	
21-1/4		3,000	900	33-3/4	4-3/4	20	2	15-1/4	10	3-1/8	R-74	
21-1/4		5,000	1,500	39	7-1/8	24	2	18-3/4	11-3/4	3-1/8	BX-165	3,850
21-1/4		10,000		45	9-1/2	24	2-1/2	24-1/2	15	3-7/8	BX-166	
26-3/4		2,000	600	41	4-31/32	20	1-3/4	13-3/4	9	2-3/4	BX-167	2,040
26-3/4		3,000	900	43-3/8	6-11/32	24	2	17	11-1/4	3-1/8	BX-168	3,850