



API FLANGE BOLT & RING CHART

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
2000 lb	2 1/16"	R-23 RX-23	8	5/8"	4 1/2"
	2 9/16"	R-26 RX-26	8	3/4"	5"
	3 1/8"	R-31 RX-31	8	3/4"	5 1/4"
	4 1/16"	R-37 RX-37	8	7/8"	6"
	5 1/8"	R-41 RX-41	8	1"	6 3/4"
	7 1/16"	R-45 RX-45	12	1"	7"
	9"	R-49 RX-49	12	1 1/8"	8"
	11"	R-53 RX-53	16	1 1/4"	8 3/4"
	13 5/8"	R-57 RX-57	20	1 1/4"	9"
	16 3/4"	R-65 RX-65	20	1 1/2"	10 1/4"
21 1/4"	R-73 RX-73	24	1 5/8"	11 3/4"	
6 BX	26 3/4"	BX-167	20	1 3/4"	14"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
3000 lb	2 1/16"	R-24 RX-24	8	7/8"	6"
	2 9/16"	R-27 RX-27	8	1"	6 1/2"
	3 1/8"	R-31 RX-31	8	7/8"	6"
	4 1/16"	R-37 RX-37	8	1 1/8"	7"
	5 1/8"	R-41 RX-41	8	1 1/4"	7 3/4"
	7 1/16"	R-45 RX-45	12	1 1/8"	8"
	9"	R-49 RX-49	12	1 3/8"	9"
	11"	R-53 RX-53	16	1 3/8"	9 1/2"
	13 5/8"	R-57 RX-57	20	1 3/8"	10 1/4"
	16 3/4"	R-66 RX-66	20	1 5/8"	11 3/4"
21 1/4"	R-74 RX-74	20	2"	14 1/2"	
6 BX	26 3/4"	BX-168	24	2"	17 1/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
5000 lb	2 1/16"	R-24 RX-24	8	7/8"	6"
	2 9/16"	R-27 RX-27	8	1"	6 1/2"
	3 1/8"	R-35 RX-35	8	1 1/8"	7 1/4"
	4 1/16"	R-39 RX-39	8	1 1/4"	8"
	5 1/8"	R-44 RX-44	8	1 1/2"	10"
	7 1/16"	R-46 RX-46	12	1 3/8"	10 3/4"
	9"	R-50 RX-50	12	1 5/8"	12"
	11"	R-54 RX-54	12	1 7/8"	13 3/4"
	13 5/8"	BX-160	16	1 5/8"	12 3/4"
	16 3/4"	BX-162	16	16	14 3/4"
18 3/4"	BX-163	20	2"	17 1/2"	
6 BX	21 1/4"	BX-165	24	2"	18 3/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
10,000 lb	1 13/16"	BX-151	8	3/4"	5"
	2 1/16"	BX-152	8	3/4"	5 1/4"
	2 9/16"	BX-153	8	7/8"	6"
	3 1/16"	BX-154	8	1"	6 3/4"
	4 1/16"	BX-155	8	1 1/8"	8:00
	5 1/8"	BX-169	12	1 1/8"	8 3/4"
	7 1/16"	BX-156	12	1 1/2"	11 1/4"
	9"	BX-157	16	1 1/2"	13"
	11"	BX-158	16	1 3/4"	15"
	13 5/8"	BX-159	20	1 7/8"	17 1/4"
16 3/4"	BX-159	24	1 7/8"	17 1/2"	
18 3/4"	BX-164	24	2 1/4"	22 1/2"	
6 BX	21 1/4"	BX-164	24	2 1/2"	24 1/2"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
15,000 lb	1 13/16"	BX-151	8	7/8"	5 1/2"
	2 1/16"	BX-152	8	7/8"	6"
	2 9/16"	BX-153	8	1"	6 3/4"
	3 1/16"	BX-154	8	1 1/8"	7 1/2"
	4 1/16"	BX-155	8	1 3/8"	9 1/4"
	5 1/8"	BX-169	12	1 1/2"	11 1/2"
	7 1/16"	BX-156	16	1 1/2"	12 3/4"
	9"	BX-157	16	1 7/8"	15 3/4"
	11"	BX-158	20	2"	19 1/4"
	13 5/8"	BX-159	20	2 1/4"	21 1/4"
6 BX	18 3/4"	BX-154	20	3"	26 3/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Dia	Length
20,000 lb	1 13/16"	BX-151	8	1"	7 1/2"
	2 1/16"	BX-152	8	1 1/8"	8 1/4"
	2 9/16"	BX-153	8	1 1/4"	9 1/4"
	3 1/16"	BX-154	8	1 3/8"	10"
	4 1/16"	BX-155	8	1 3/4"	12 1/4"
	7 1/16"	BX-156	16	2"	17 1/2"
	9"	BX-157	16	2 1/2"	22 3/8"
	11"	BX-158	16	2 3/4"	23 3/4"
	13 5/8"	BX-159	20	3"	30"
	6 BX				