API 6A Spec Flange Bolt & Ring Chart

API Pressure Rating	Flange Size & Bore	Ring Gasket		Number of Studs	Stud Dimensions	
					Diameter	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"
6BX	26 3/4"	BX-167		20	1 3/4"	14"

API Pressure Rating	Flange Size & Bore	Ring Gasket		Number of Studs	Stud Dimensions	
					Diameter	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"
	20 3/4"	R-74	RX-74	20	2"	14 1/2"
6BX	26 3/4"	BX-168		24	2"	17 1/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket		Number of Studs	Stud Dimensions	
					Diameter	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	1 7/8"	14 3/4"
	18 3/4"	BX-163		20	2"	17 1/2"
6BX	21 1/4"	BX-165		24	2"	18 3/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Diameter	Length
10000 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"
	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"
6BX	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	
				Diameter	Length
15000 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"
6BX	18 3/4"	BX-154	20	3"	26 3/4"

API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	
				Diameter	Length
20000 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"
6BX	13 5/8"	BX-159	20	3	30"