

API 6A Type 6BX 10000PSI Blind / Welding Neck Flange

DIMENSION OF 10000PSI(69.0MPA) TYPE 6BX BLIND AND API 6A
WELDING NECK FLANGE

Nominal Size	Outside Dia. O	Thickness C			Hub Dia X	Bore	Length Thru Hub
		Slip On 125 LW. B, D	Ring				
			B	D	X		Y1
6	11.00	0.56	0.69	0.69	7.56	6.72	1.25
8	13.50	0.56	0.69	0.69	9.68	8.72	1.25
10	16.00	0.68	0.69	0.69	12.00	10.88	1.25
12	19.00	0.68	0.69	0.81	14.38	12.88	1.25
14	21.00	0.75	0.69	0.94	15.75	14.14	1.25
16	23.50	0.75	0.69	1.00	18.00	16.16	1.25
18	25.00	0.75	0.69	1.06	19.88	18.18	1.25
20	27.50	0.75	0.69	1.13	22.00	20.20	1.25
22	29.50	1.00	0.75	1.19	24.25	22.22	1.75
24	32.00	1.00	0.75	1.25	26.13	24.25	1.75
26	34.25	1.00	0.81	1.31	28.50	26.25	1.75
28	36.50	1.00	0.88	1.31	30.50	28.25	1.75
30	38.75	1.00	0.88	1.38	32.50	30.25	1.75
32	41.75	1.13	0.94	1.50	34.75	32.25	1.75
34	43.75	1.13	0.94	1.50	36.75	34.25	1.75
36	46.00	1.13	1.00	1.63	38.75	36.25	1.75
38	48.75	1.13	1.00	1.63	40.75	38.25	1.75
40	50.75	1.13	1.00	1.63	43.00	40.25	1.75
42	53.00	1.25	1.13	1.75	45.00	42.25	1.75
44	55.25	1.25	1.13	1.75	47.00	44.25	2.25
46	57.25	1.25	1.13	1.75	49.00	46.25	2.25
48	59.50	1.38	1.25	1.75	51.00	48.25	2.50
50	61.75	1.38	1.25	2.00	53.00	50.25	2.50
52	64.00	1.38	1.25	2.00	55.00	52.25	2.50
54	66.25	1.38	1.33	2.13	57.00	54.25	2.50
60	73.00	1.50	1.50	2.25	63.00	60.25	2.75
66	80.00	1.50	1.63	2.50	69.00	66.25	2.75
72	86.50	1.50	1.75	2.63	75.00	72.25	2.75
84	99.75	1.75	2.00	2.75	87.50	84.25	3.00
96	113.25	2.00	2.25	3.00	100.00	96.25	3.25

Nominal Size	Drilling				Approx. Weight		
	Bolt Circle	Bolt Hole Dia.		No. Hoops	Slip On 125LW. B & D	Ring	
		B	125LW D			Size B	D
6	9.50	3/4	0.88	8	13	11	12
8	11.75	3/4	0.88	8	18	14	15
10	14.25	3/4	1.00	12	26	20	20
12	17.00	3/4	1.00	12	42	30	33
14	18.75	7/8	1.13	12	44	36	50
16	21.25	7/8	1.13	16	58	43	60
18	22.75	7/8	1.25	16	59	45	65
20	25.00	7/8	1.25	20	69	50	80
22	27.25	7/8	1.38	20	76	60	90
24	29.50	7/8	1.38	20	115	70	110
26	31.75	7/8	1.38	24	125	85	130
28	34.00	7/8	1.38	28	140	100	145
30	36.00	1	1.38	28	150	110	165
32	38.50	1	1.63	28	205	145	210
34	40.50	1	1.63	32	215	150	220
36	42.75	1	1.63	32	235	175	265
38	45.25	1	1.63	32	265	200	300
40	47.25	1	1.63	36	280	205	315
42	49.50	1 1/8	1.63	36	330	250	365
44	51.75	1 1/8	1.63	40	350	265	385
46	53.75	1 1/8	1.63	40	365	275	400
48	56.00	1 1/8	1.63	44	425	325	430
50	58.25	1 1/4	1.88	44	450	340	500
52	60.50	1 1/4	1.88	44	475	360	540
54	62.75	1 1/2	1.88	44	500	420	610
60	69.25	1 1/2	1.88	52	640	535	760
66	76.00	1 1/2	1.88	52	750	700	1020
72	82.50	1 1/2	1.88	60	850	840	1200
84	95.50	1 1/2	2.13	64	1225	1200	1575

Size	B	OD	C	E1	Q	G	K	T	J1	J2	J3	J4	R	BC
1 13/16"	46.8	185	3	-	5.56	77.77	105	42.1	238.9	65.68	48.5	1725	10	1465
2 1/16"	53.2	200	3	-	5.95	86.23	111	44.1	100	74.7	51.6	-	10	158.8
2 9/16"	65.9	230	3	-	6.75	102.77	132	51.2	120.7	92.1	57.2	-	10	184.2
3 1/16"	78.6	270	3	-	7.54	119	152	58.4	142.1	110.2	63.5	-	10	215.9
4 1/16"	104	315	3	-	8.33	150.62	185	70.3	182.6	146.1	73.1	-	10	258.8
5 1/8"	131	360	3	9.5	9.53	176.66	221	79.4	223.8	182.6	81	6.4	10	300
7 1/16"	180.2	480	6	11.1	11.11	241.83	302	103.2	301.6	254	95.3	9.7	16	403.2
9 "	229.4	550	6	12.7	12.7	299.06	359	123.9	374.7	327.1	93.7	9.7	16	476.3
11"	280.2	655	6	14.3	14.29	357.23	429	141.3	450.9	400.1	103.2	14.2	16	565.2
13 5/8"	346.9	770	6	15.9	15.88	432.64	518	168.3	552.5	495.3	114.3	17.5	16	673.1
16 3/4"	426.2	870	6	8.3	8.33	478.33	576	168.3	655.6	601.7	76.2	30.2	19	776.3
18 3/4"	477	1040	6	18.3	18.26	577.9	697	223.1	752.5	674.7	155.6	25.4	16	925.5
21 1/4"	540.5	1145	6	19.1	19.05	647.88	781	241.3	847.7	762	165.1	31.8	21	1022.4

API 6A TYPE 6BX 10000PSI BLIND / WELDING NECK FLANGE INDUSTRIES AND APPLICATIONS

WIDELY USED IN THE INDUSTRIES

- Pumps, Valves, and vessels in manufacturing and food processing.
- Pipe connections in industrial waterworks.
- Heat exchangers and heating systems of all sizes.
- Mining support.
- Nuclear power systems.
- Plumbing and mechanical systems.
- Assemblies in the oil, gas, and petrochemical industries.
- Fire protection systems.