API Flanges Dimensions

Shikhar Steel	IBR Approved	Manufacturer in India
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SHIKHAR STEEL CORPORATION
ISO 9001:2008 Certified Co.
JAS-ANZ

API Flanges Manufacturer in India is used to connect the pumps, pipes, valves & others equipment which creates an strong pipe work systems. API flange that are readily welded & threaded which allows them to securely seal & bolt the item.

www.shikharsteel.com

Premium Quality API 6A Flange Manufacturer in India

API Flange Specification

Standard API 6A API 6BX	Size Range 1/8” - 26”	Pressure Class 3000# & 6000#
Face Raised Faced Ring Type Joint	Connection Bolted Studded	Surface Smooth Serrated
Machining CNC	Testing PMI Testing	Material Stainless Steel Carbon Steel Alloy Steel

Find Your API 6A Type 6BX Flange Sizes at Best Price and Get Free Quotes

API 6A Weld Neck Flange Price List

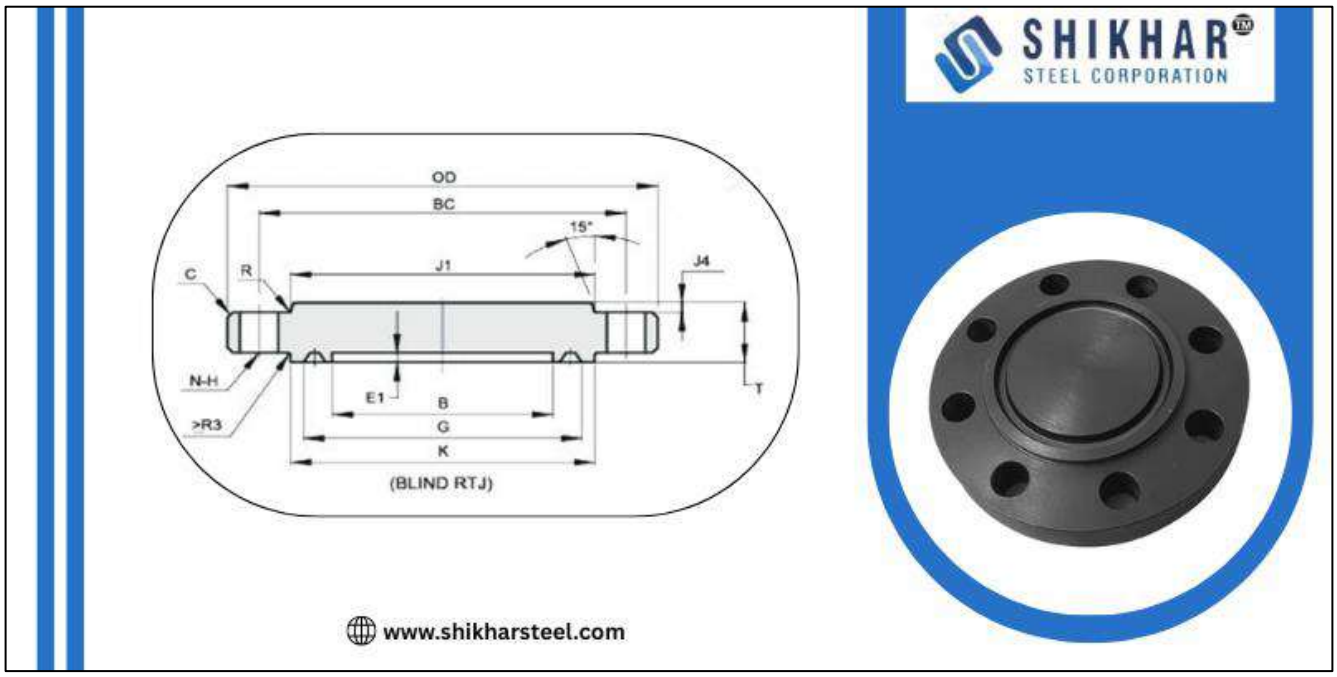
- **Standards :** API
- **Class :** 150#
- **Face Type :** Ring Type Joint
- **SCH :** SCH 40

Diameter Nominal in (mm)	Price in USD
200	$ 58.13
150	$ 34.56
125	$ 31.56
100	$ 24.46
80	$ 15.99
65	$ 14.24
50	$ 10.15
40	$ 9.64
32	$ 8.17
25	$ 7.98
20	$ 5.45
15	$ 4.32

API Flange Standards

- API 6A Flanges
- API 6BX Flanges
- API 6B Flanges
- API 17D Flanges

API Flanges Dimensions Chart



Nominal Sizes (Inch)	Outer Diameter Of (O.D.)	Q	B	K	J1	J3	H	E1	G	T	J2	J4	BX
21 1/4"	1145	19.05	540.5	781	847.7	165.1	67	19.1	647.88	241.3	762	31.8	166
18 3/4"	1040	18.26	477	697	752.5	155.6	61	18.3	577.9	223.1	674.7	25.4	164
16 3/4"	870	8.33	426.2	576	655.6	76.2	51	8.3	478.33	168.3	601.7	30.2	162
13 5/8"	770	15.88	346.9	518	552.5	114.3	51	15.9	432.64	168.3	495.3	17.5	159
11"	655	14.29	280.2	429	450.9	103.2	48	14.3	357.23	141.3	400.1	14.2	158
9 “	550	12.7	229.4	359	374.7	93.7	42	12.7	299.06	123.9	327.1	9.7	157
7 1/16"	480	11.11	180.2	302	301.6	95.3	42	11.1	241.83	103.2	254	9.7	156
5 1/8"	360	9.53	131	221	223.8	81	32	9.5	176.66	79.4	182.6	6.4	169
4 1/16"	315	8.33	104	185	182.6	73.1	32	-	150.62	70.3	146.1	-	155
3 1/16"	270	7.54	78.6	152	142.1	63.5	29	-	119	58.4	110.2	-	154

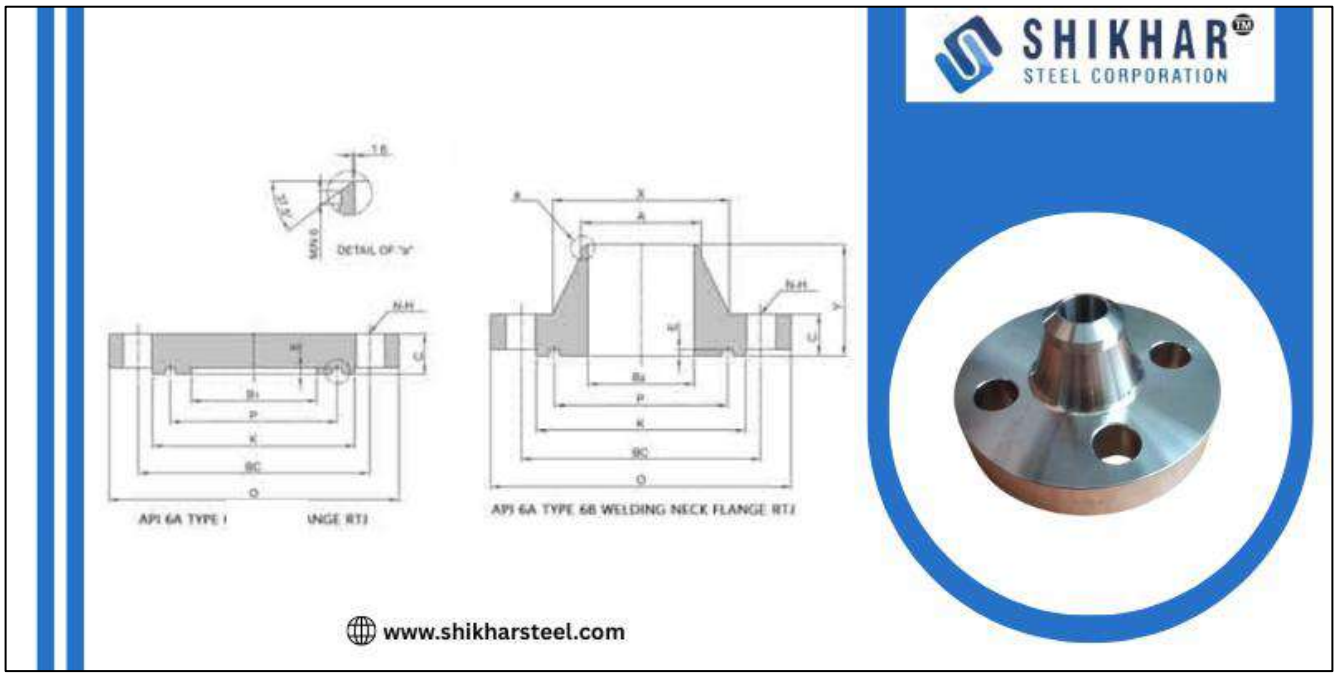
Keep Large Inventory of API 6A Blind Flange for Oil Refining Plants

Applications of API 6A Flange

API 6A 10000 Psi Flange Testing Methods

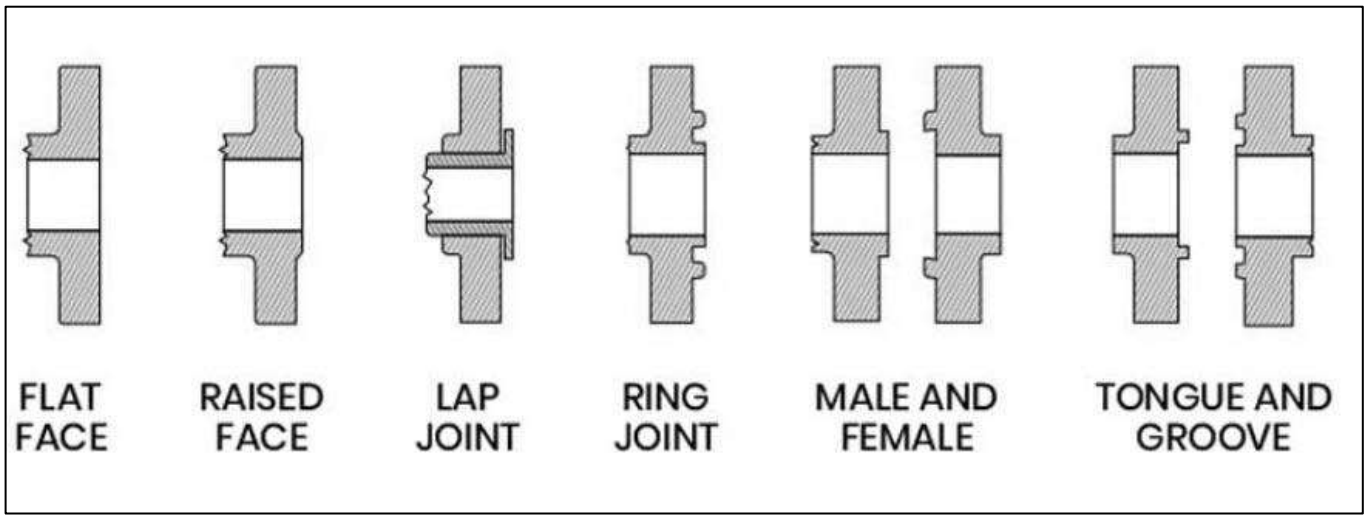
- Positive Material Identification (PMI)
- Hardness Testing
- Tensile Tested
- Impact Testing

API 5000 Flange Dimensions

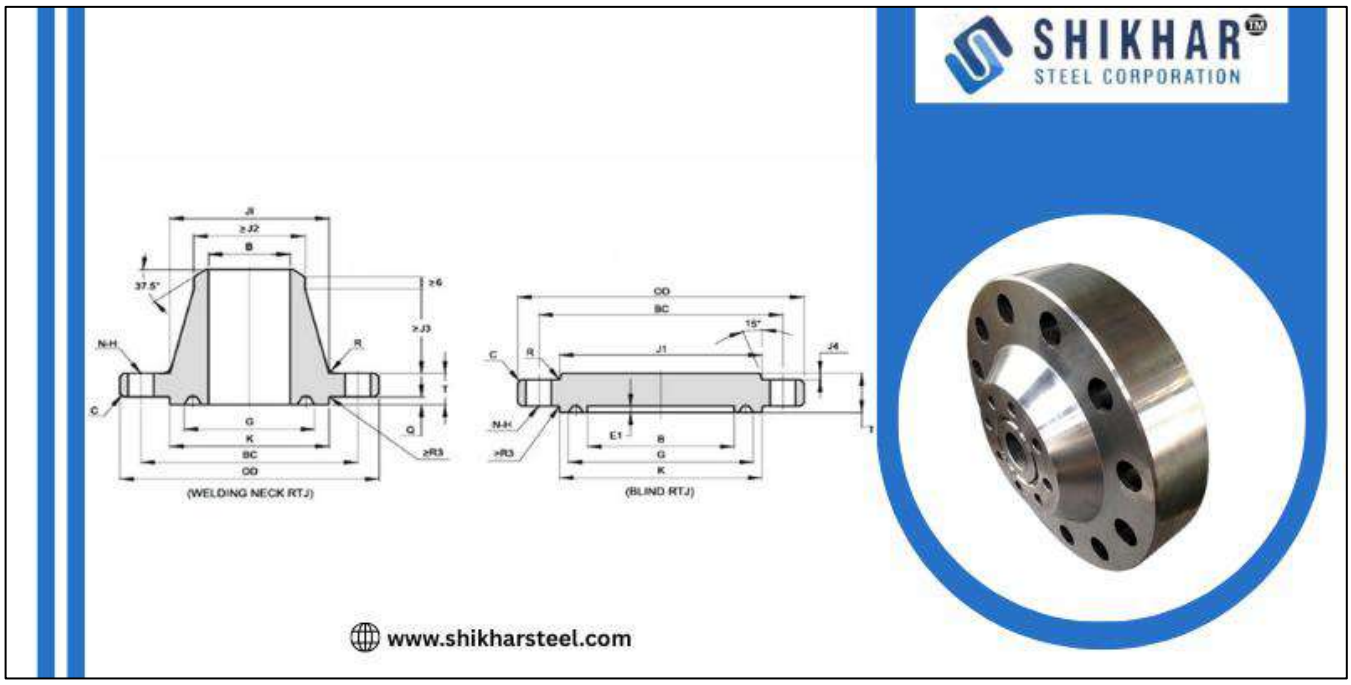


Nominal Sizes (Inch)	Outer Diameter (O.D.)	Wall Thickness	B	P	X	J.L.	K	E	Q	Bolt Circle	H.L.	R/RX
11"	585	119.1	280.2	323.85	368.3	216.7	371	11.2	108	482.6	273.1	54
9"	485	103.2	229.4	269.88	292.1	173.8	318	11.2	92.1	393.7	219.1	50
7 1/16"	395	92.1	181.8	211.15	228.6	132.6	248	9.7	82.6	317.5	168.3	46
5 1/8"	375	81	131	193.68	196.8	110.3	229	7.9	73.1	292.1	141.3	44
4 1/16"	310	62	108.7	161.93	161.9	88.1	194	7.9	54	241.3	114.3	39
3 1/8"	265	55.6	81.8	136.53	133.3	67.5	168	7.9	47.7	203.2	88.9	35
2 9/16"	245	49.3	65.9	107.95	123.8	54.9	137	7.9	41.3	190.5	73	27
2 1/16"	215	46.1	53.2	95.25	104.8	43.7	124	7.9	38.1	165.1	60.3	24

Faces of API 605 Flange



API 650 Flange Dimensions



Nominal Sizes (Inch)	Outside Diameter (O.D.)	B	K	J1	J3	R	N	E1	G	J2	J4	BC	BX
18 3/4"	1160	477	722	812.8	155.6	25	20	18.3	577.9	730.2	35.1	1016	164

Nominal Sizes (Inch)	Outside Diameter (O.D.)	B	K	J1	J3	R	N	E1	G	J2	J4	BC	BX
13 5/8"	885	346.9	541	595.3	114.3	25	20	15.9	432.64	528.6	17.5	771.5	159
11"	815	280.2	454	584.2	235.7	16	20	14.3	357.23	427	12.7	711.2	158
9 “	650	229.4	381	431.8	123.8	16	16	12.7	299.06	349.2	14.2	552.4	157
7 1/16"	505	180.2	305	325.4	92.1	16	16	11.1	241.83	276.2	7.9	428.6	156
5 1/8"	420	131	225	244.5	81.8	16	12	9.5	176.66	200	6.4	342.9	169
4 1/16"	360	104	194	195.3	73	10	8	-	150.62	158.7	-	290.5	155
3 1/16"	290	78.6	154	154	63.5	10	8	-	119	122.2	-	230.2	154
2 9/16"	255	65.9	133	128.6	57.1	10	8	-	102.77	100	-	200	153
2 1/16"	220	53.2	114	111.1	54	10	8	-	86.23	82.5	-	174.6	152

Supplier of API 6A Weld Neck Flange From European Sourced Raw Material

Most Common Types of API Flanges

API Blind Flanges

API Slip On Flange

API Weld Neck Flange

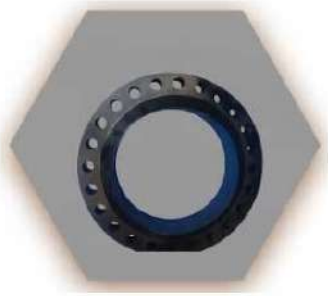
API 6A Flange

API 6B Flange

API 6bx Flange

API 5000 Flange

API 10000 Flange



API 650 Flange

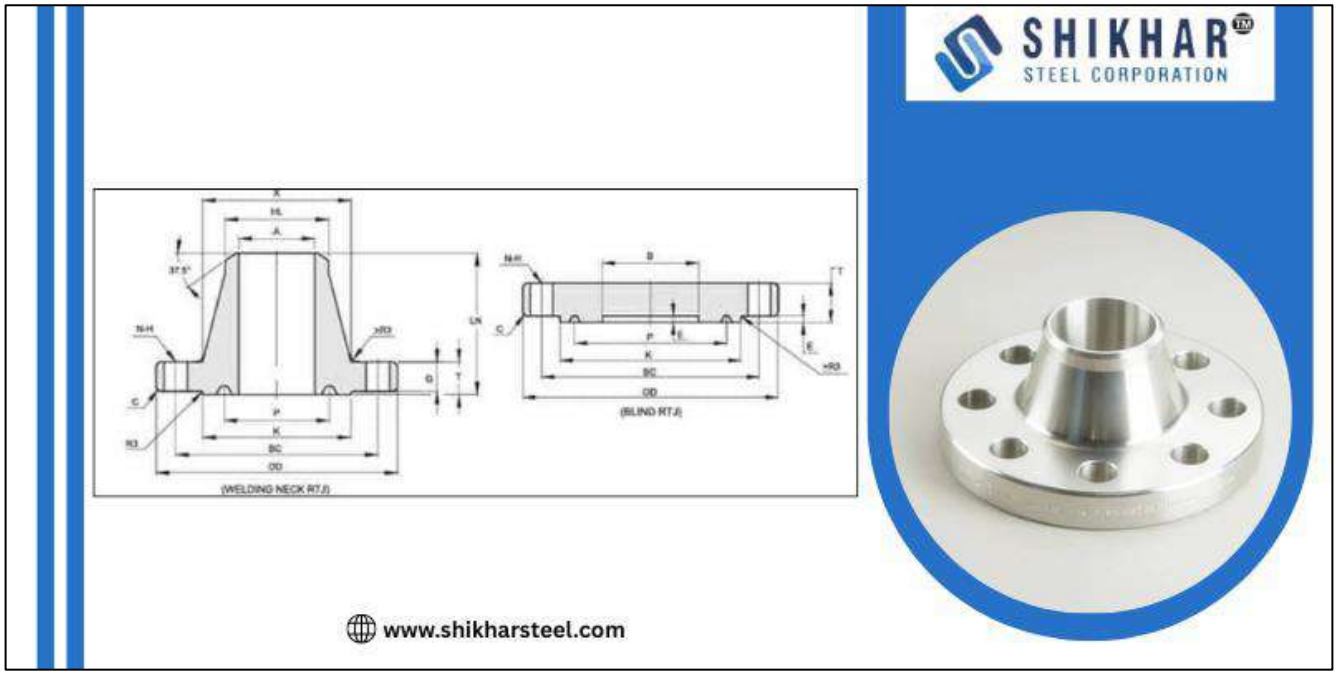
API 6a Weld Neck Flange

API 6a Threaded Flange

API 6a Type 6bx Flanges

Check API 10000 Flange Dimensions and API 5000 Flange Pressure Rating

API 10000 Flange Dimensions



Nominal Sizes (Inch)	Outer Diameter (O.D.)	Q	B	K	J2	J4	B.X.	E1	G	J1	J3	Bolts Circle
21 - 1/4"	1145	19.05	540.5	781	762	31.8	166	19.1	647.88	847.7	165.1	1022.4
18 - 3/4"	1040	18.26	477	697	674.7	25.4	164	18.3	577.9	752.5	155.6	925.5
16 - 3/4"	870	8.33	426.2	576	601.7	30.2	162	8.3	478.33	655.6	76.2	776.3
13 - 5/8"	770	15.88	346.9	518	495.3	17.5	159	15.9	432.64	552.5	114.3	673.1
11"	655	14.29	280.2	429	400.1	14.2	158	14.3	357.23	450.9	103.2	565.2

Nominal Sizes (Inch)	Outer Diameter (O.D.)	Q	B	K	J2	J4	B.X.	E1	G	J1	J3	Bolts Circle
9 "	550	12.7	229.4	359	327.1	9.7	157	12.7	299.06	374.7	93.7	476.3
7 - 1/16"	480	11.11	180.2	302	254	9.7	156	11.1	241.83	301.6	95.3	403.2
5 - 1/8"	360	9.53	131	221	182.6	6.4	169	9.5	176.66	223.8	81	300
4 - 1/16"	315	8.33	104	185	146.1	-	155	-	150.62	182.6	73.1	258.8
3 - 1/16"	270	7.54	78.6	152	110.2	-	154	-	119	142.1	63.5	215.9
2 - 9/16"	230	6.75	65.9	132	92.1	-	153	-	102.77	120.7	57.2	184.2

API 5000 Flange Pressure Rating

Pressure Classes	Pressure Rating
15k	15000
10k	10000
5k	5000
3k	3000

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