JIS 10K Flange Dimensions

Shikhar Steel	IBR Approved	Manufacturer in India
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TABLE OF CONTENTS

JIS 10K Flange Specification 3
JIS B2220 Flange Price List 4
JIS B2220 5K Flange Dimensions ..... 5 - 6
Dimensions of JIS 10k Flange ..... 6 - 8
JIS B2220 16k Flange Dimensions ..... 8 - 9
JIS RF Flange Torque Values ..... 9 - 10
JIS Flange Gasket Dimensions ..... 10 - 11
JIS 20K Flange Dimensions 12
JIS 10k Flange Weight 13
JIS 16K Flange Pressure Rating 14
JIS 5K Flange Pressure Rating 15
JIS 10K Flange Pressure Rating 16
JIS 10K Flange Pressure Rating 17
Types of JIS 10K Flange 18

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Shikhar steel is reliable JIS 10k flange manufacturer in India we provide industrial parts for continuous operations.

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European Origin JIS 5K Weld Neck Flange Manufacturer With MTC

JIS 10K FlangeSpecification

Size Range: 1/2” To 48”	Application: Heavy Oil Refineries	Pressure Class: 150 lb to 2500 lb
Threads NPT & BSPT	Face Type: RTJ FF RF	Material Ring Joint Gasket Flange Bolts
Technique: Machined Forged	Schedule: SCH 10 - SCH 180	Equipment: Pushing Machine Sand-blasting machine

Get JIS B2220 Slip on Flange at Competitive Price with PMI Test Reports

JIS B2220 Flange Price List

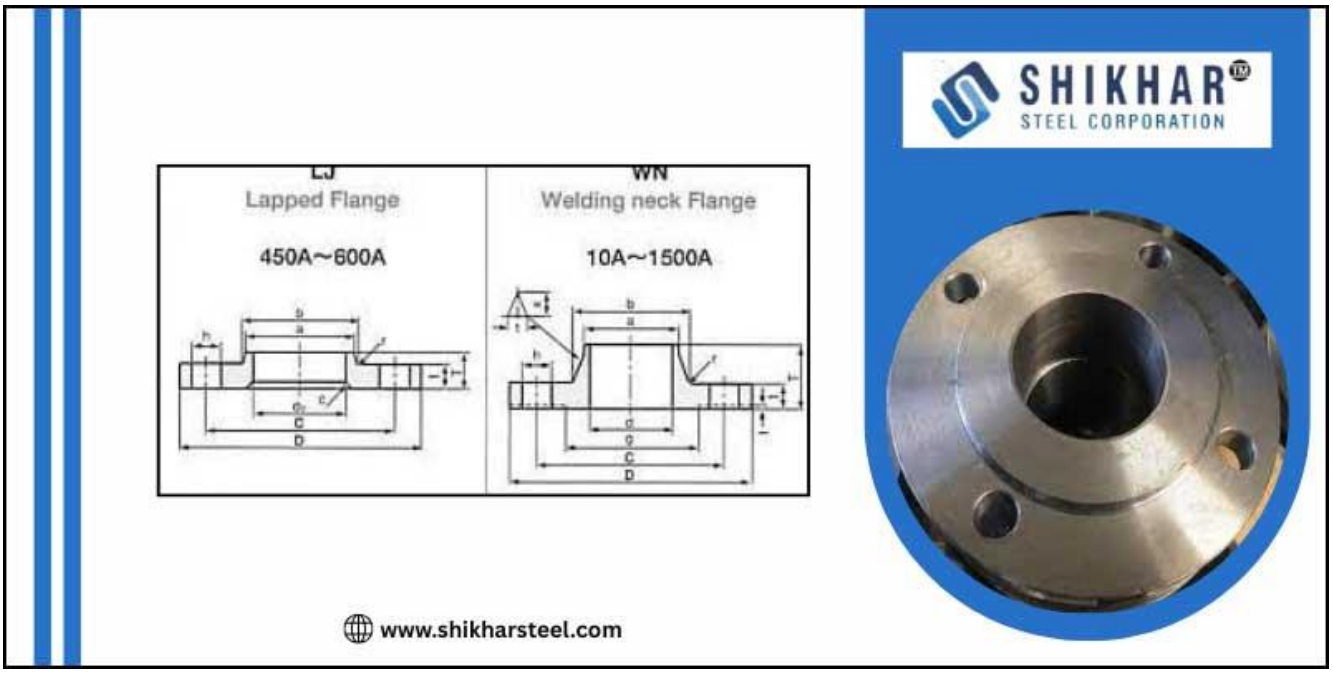
Nominal Diameter (DN)	Price Per Piece (USD)
50	$ 17.49
40	$ 9.59
32	$ 850.00
20	$ 4.26
25	$ 6.09

Discover the Pressure Rating of JIS 20k Flange in Oil and Gas Transportation

JIS B2220 Flange Price List

Don't Forget to Check JIS Flange Dimensions and Bolt Chart

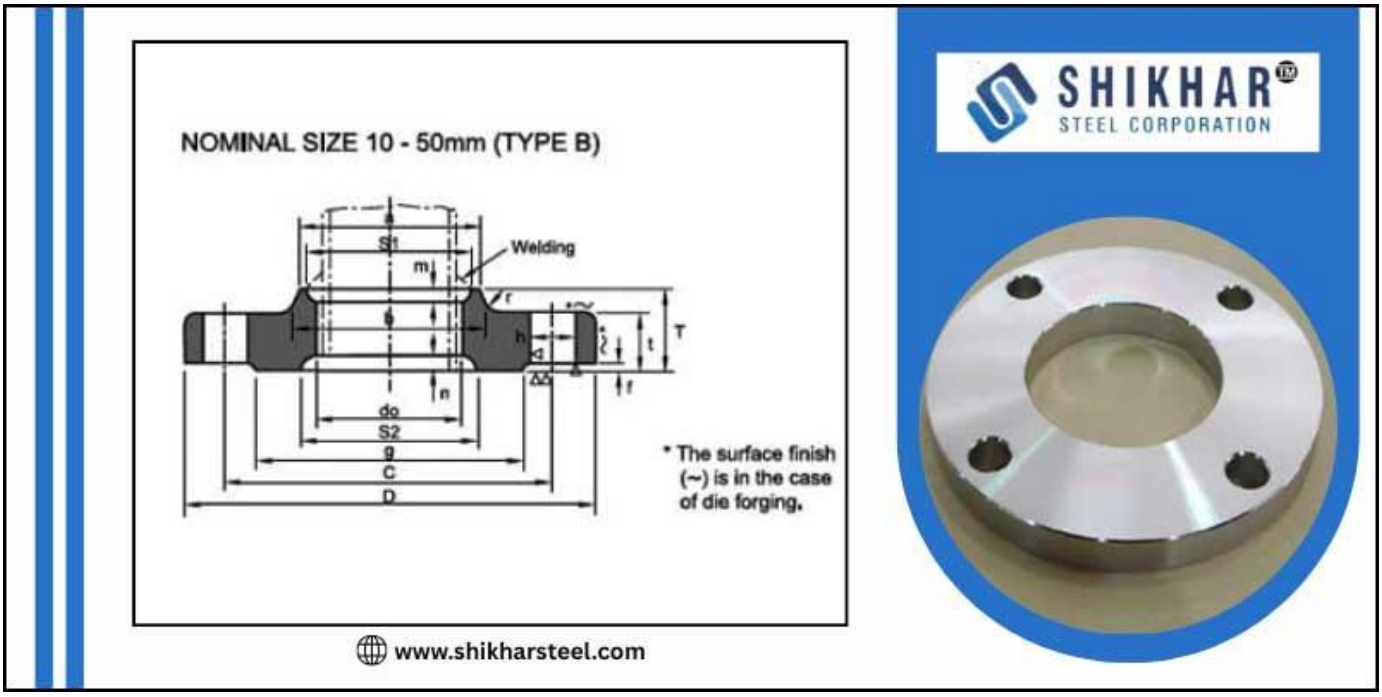
JIS B2220 5K Flange Dimensions



NPS	O.D (D)	Nor Bolt Size	O.D of Steel Pipe	I.D
650	845.0	M30	660.4	664.0
600	795.0	M30	609.6	613.0
550	745.0	M30	558.8	562.0
500	675.0	M24	508.0	511.0
450	620.0	M24	457.2	460.0
400	560.0	M24	406.4	409.0
350	490.0	M22	355.6	358.1
300	445.0	M22	318.5	321.0
250	400.0	M22	267.4	269.5

NPS	O.D (D)	Nor Bolt Size	O.D of Steel Pipe	I.D
200	330.0	M20	216.3	218.0
175	305.0	M20	190.7	192.1
150	280.0	M20	165.2	166.6
125	250.0	M20	139.6	141.2
100	210.0	M16	114.3	115.4
90	195.0	M16	101.6	102.6
10	90.0	M12	17.3	17.8
15	95.0	M12	21.7	22.2
50	155.0	M16	60.5	61.1
65	175.0	M16	76.3	77.1
80	185.0	M16	89.1	90.0
20	100.0	M12	27.2	27.7
25	125.0	M16	34.0	34.5

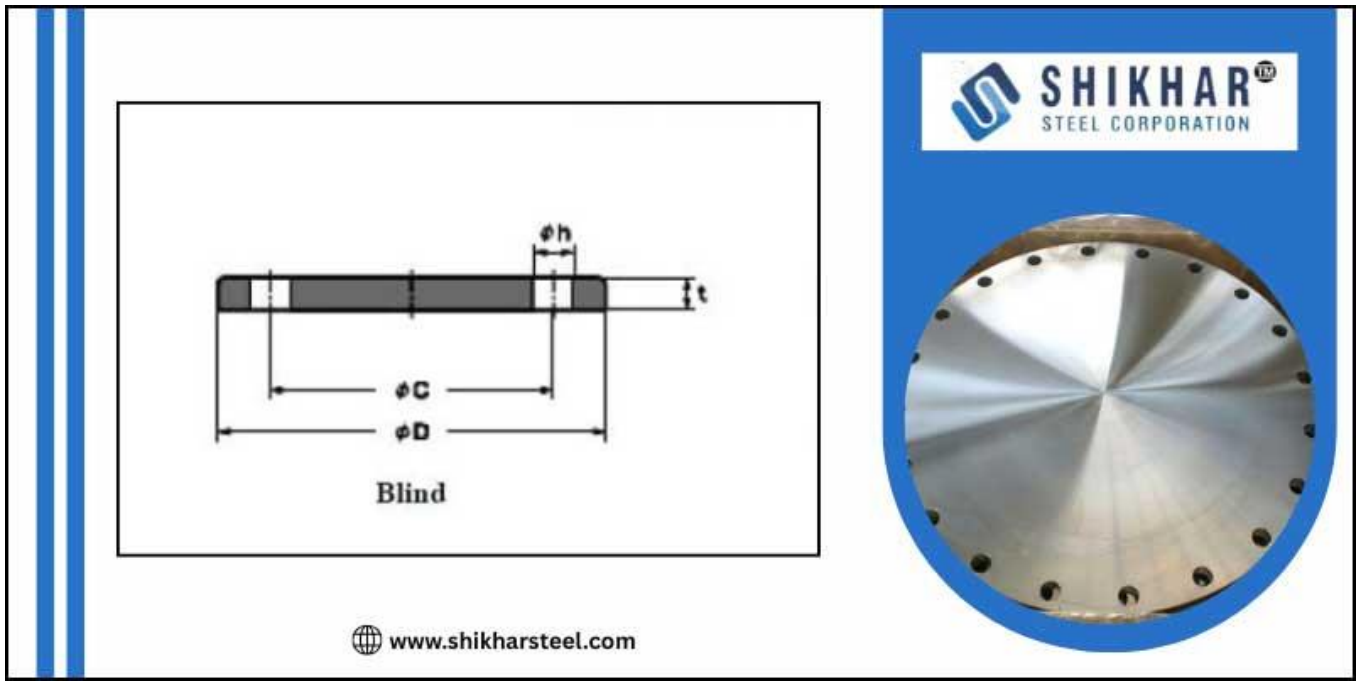
Dimensions of JIS 10k Flange



Diameter Of Nominal Pipe (A)	N	S2	S1	Sizes Of Nominal Bolts	O.D.	Diameter Of B.C. (C)	Raised Face Diameter Of (G)	I.D. Of do	T	T	R	F
400	7	-	14	435	630	-	510	409	60	92	3	381
350	6	-	13	383	560	-	450	358.1	54	84	3	333.4
300	6	-	12	345	515	-	405	321	52	78	3	297.9
250	6	-	10	290	450	-	345	269.5	48	72	2	248.8
200	6	-	9.5	237	370	-	280	218	42	64	2	199.9
150	6	-	9.5	186	325	-	235	166.6	38	58	2	151
125	6	-	9.5	160	275	-	195	141.2	36	54	2	126.6
100	6	-	9.5	135	240	-	160	115.4	32	48	2	102.3
-90	6	-	9.5	122	230	-	150	102.6	30	46	2	90.2
80	6	-	9.5	109	210	-	140	90	28	44	2	78.1
32	-	5	6	52	140	60	80	43.2	22	32	2	-

40	-	5	6	58	160	66	90	49.1	22	34	2	-
50	-	5	6.5	70	165	78	105	61.1	22	36	2	-
65	6	5	9.5	96	200	94	130	77.1	26	40	2	65.9
25	-	5	6	55	130	52	70	34.5	20	30	1	-
20	-	5	5	37	120	44	60	27.7	18	28	1	-
15	-	5	4	31	115	40	55	22.2	18	26	1	-
10	-	-	-	-	110	-	52	17.8	16	24	1	-

JIS B2220 16k Flange Dimensions



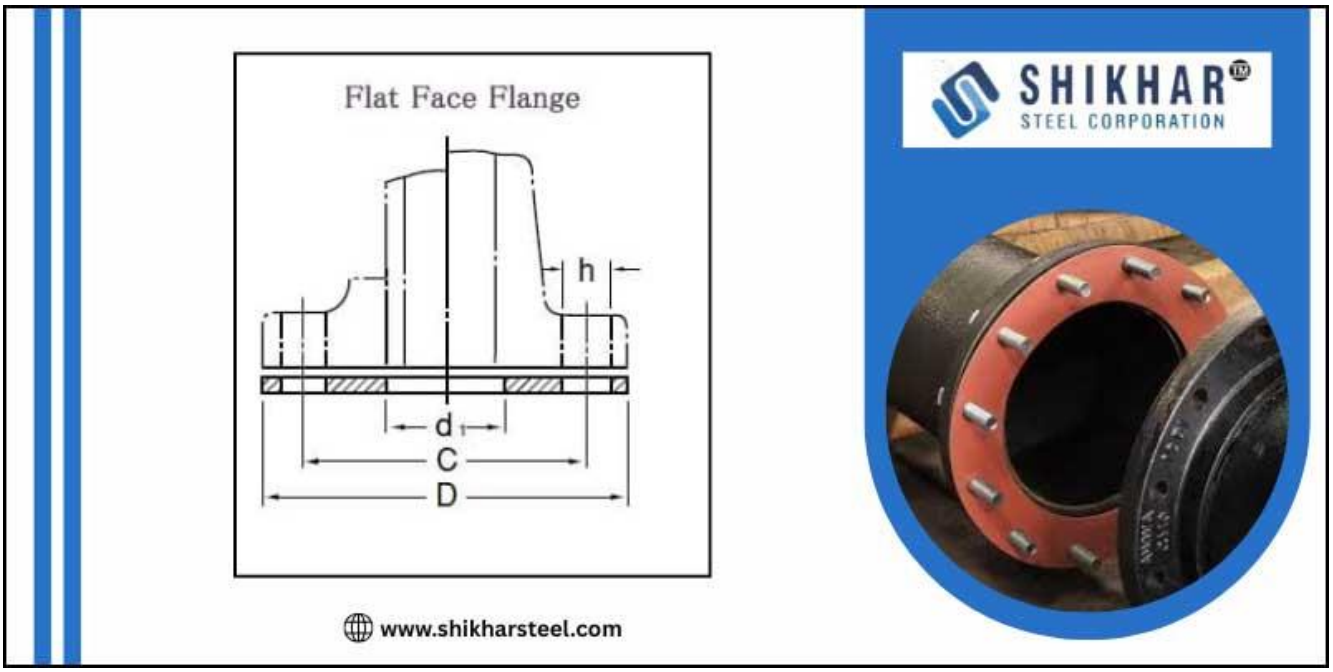
Size (mm)	Pipe (inch)	WH	Holes	C	t	D	do
1500	60	36	1660	28	1529	1524.0	1730
1350	54	32	1505	26	1376	1371.6	1575
1200	48	32	1350	26	1224	1219.2	1420
1100	44	28	1240	26	1122	1117.6	1305
1000	40	28	1130	26	1021	1016.0	1195
900	36	24	1030	24	919	914.4	1095
800	32	24	930	24	817	812.8	995
850	34	24	980	24	868	863.6	1045
750	30	24	880	24	766	762.0	945
700	28	24	820	24	715	711.2	875
600	24	20	715	24	613	609.6	770
650	26	24	770	24	664	660.4	825
550	22	20	665	24	562	558.0	720
500	20	20	605	22	511	508.0	655
450	18	16	555	22	460	457.2	605

JIS RF Flange Torque Values

NPS (inch)	Weight (Ft-lbs)	Bolts No* Size (inch)	Nm
10	85	12 x 7/8	120
8	95	8 x 3/4	130
6	65	8 x 3/4	90
4	40	8 x 5/8	55
3	60	4 x 5/8	85

NPS (inch)	Weight (Ft-lbs)	Bolts No* Size (inch)	Nm
2	40	4 x 5/8	55
1	13	4 x 1/2	20
1/2	7	4 x 1/2	10
3/4	11	4 x 1/2	15

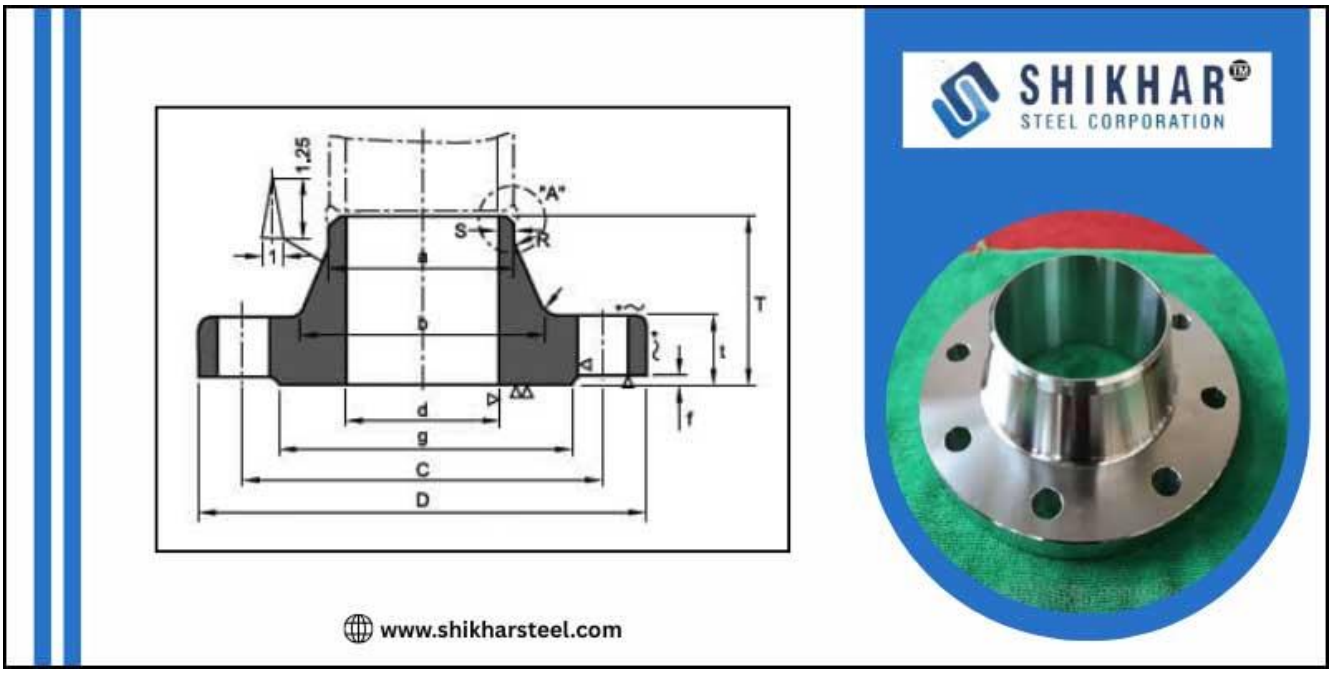
JIS Flange Gasket Dimensions



Nominal Pipe Diameter	Inner Diameter Of D1	5K Flange				2K Flange			
		Gasket Outer Diamter D	P.C.D. Of Bolt Hole C	Bolt Hole Diameter Of H	Bolt Hole Number	Gasket Outer Diamter D	P.C.D. Of Bolt Hole C	Bolt Hole Diameter Of H	Bolt Hole Number
1000	1025	1195	1130	33	28	1195	1130	27	28

Nominal Pipe Diameter	Inner Diameter Of D1	5K Flange	2K Flange	Nominal Pipe Diameter	Inner Diameter Of D1	5K Flange	2K Flange	Nominal Pipe Diameter	Inner Diameter Of D1
800	820	995	930	33	24	995	930	27	24
750	770	945	880	33	24	945	880	27	24
400	410	540	495	25	16	-	-	-	-
450	460	605	555	25	16	605	555	23	16
500	513	655	605	25	20	655	605	23	20
550	564	720	665	27	20	720	665	25	20
600	615	770	715	27	20	770	715	25	20
650	667	825	770	27	24	825	770	25	24
700	718	875	820	27	24	875	820	25	24
175	192	300	260	23	8	-	-	-	-
200	218	320	280	23	8	-	-	-	-
225	244	345	305	23	12	-	-	-	-
250	270	385	345	23	12	-	-	-	-
300	321	430	390	23	12	-	-	-	-
100	115	200	165	19	8	-	-	-	-
125	141	235	200	19	8	-	-	-	-
150	167	265	230	19	8	-	-	-	-

JIS 20K Flange Dimensions



Normal Pipe Size	F	O.D. Of (D)	R	S	Nominal Bolts Sizes	Raised Face Diameter (G)	T	B	Pipe O.D.
250	12	450	10.6	2	390	267.4	312	269	118
200	12	370	9.4	2	320	216.3	254	218	102
150	12	325	8.1	2	275	165.2	202	166	95
125	8	275	7.5	2	230	139.8	172	141	86
100	8	240	6.8	2	195	114.3	142	115	76
90	8	230	6.4	2	185	101.6	130	102	74
80	8	210	6.1	2	170	89.1	118	89.7	73
65	8	200	5.8	2	160	76.3	105	76.9	69
50	8	165	4.4	2	130	60.5	84	61	57
40	4	160	4.2	2	120	48.6	70	49.1	54
32	4	140	4	2	105	42.7	62	43.1	52

JIS 10k Flange Weight

Normal Size Of Steel Pipe	Weight (kg)			Dimensions (mm)	
mm	Blind Flanges	Socket Weld Flanges	Weld Neck Flanges	W.T (D)	O.D. (mm)
500	122.0	61.9	84.5	42.9	698.5
450	93.7	48.9	68.3	39.6	635
400	76.1	44.8	60.6	36.6	596.9
350	58.1	34.6	48.4	35.1	533.4
300	43.2	26.2	36.5	31.8	482.6
250	28.6	16.5	24	30.2	406.4
200	19.6	12.1	17.6	28.4	342.9
150	11.3	7.5	10.6	25.4	279.4
125	8.6	6.1	8.6	23.9	254
100	7.0	5.3	6.8	23.9	228.6
65	3.9	3.3	4.1	22.4	177.8
80	4.9	3.9	4.9	23.9	190.5
90	6.2	4.8	6.1	23.9	215.9
50	2.4	2.1	2.6	19.1	152.4
32	1.2	1	1.3	15.7	117.3
25	0.9	0.8	1	14.2	108
40	1.5	1.3	1.7	17.5	127
20	0.6	0.6	0.7	12.7	98.6
15	0.4	0.4	0.5	11.2	88.9

JIS 16K Flange Pressure Rating

NPS	Nominal Pressure of Pressure JIS 16K Flanges
15	53
20	58
40	63
25	74
32	84
50	89
90	104
80	124
65	134
100	144
125	159
150	190
200	220
250	245
300	270
350	290
400	333

JIS 5K Flange Pressure Rating

NPS	Nominal Pressure of JIS 16K Flanges
15	20
20	25
40	32
25	40
32	50
50	65
90	80
80	90
65	100
100	125
125	150
150	175
200	200
250	225
300	250
350	300
400	350
450	400

JIS 10K Flange Pressure Rating

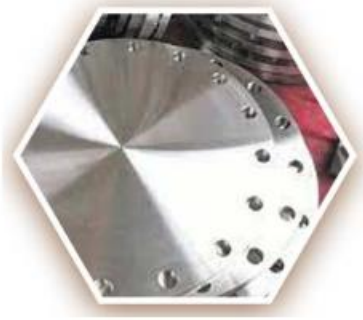
NPS	Nominal Pressure of JIS 10K Flanges
15	-
20	-
40	-
25	-
32	-
50	-
90	-
80	-
65	-
100	-
125	535
150	585
200	643
250	693
300	748
350	798
400	856
450	906

JIS 20K Flange Pressure Rating

NPS	Nominal Pressure of JIS 10K Flanges
150	194
200	224
250	249
350	294
400	335
450	380
300	274
25	78
32	88
50	93
90	108
80	128
65	138
100	148
125	163
15	55
20	60
40	65

Types Of JIS B2220 Flange

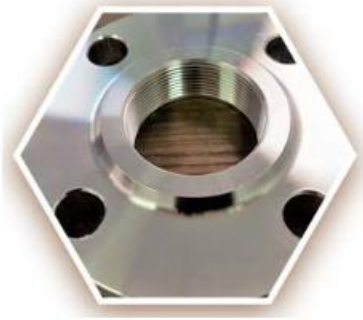
JIS B2220 Weld Neck Flange



JIS 5k Blanking Flange

JIS 10k Plate Flange

JIS 10k Long Neck Flange



JIS B2220 Threaded Flange

JIS 30k Orifice Flange

JIS 30k Blind Flange

JIS B2220 Slip On Flange

JIS 5K Threaded Flange

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