

RING TYPE JOINT GASKETS – TYPE BX

(AS PER ASME B16.20 / API 6A / API 17D)



We at Unifit Metalloys Inc are one of the well-known manufacturers, exporters and suppliers of **BX Type RTJ GASKETS**. We have developed products for a range of industries over the years. This Ring Type Joints are widely used by the Oil, Gas, Petrochemical and Offshore Industries in applications subject to high pressures and temperatures. **BX ring type joints** incorporate a pressure passage hole to allow for pressure equalization each side of the sealing faces. On assembly, metal to metal contact of the flange faces is achieved. The Style BX is not interchangeable with any other style, and is only suited for API 6BX flanges.

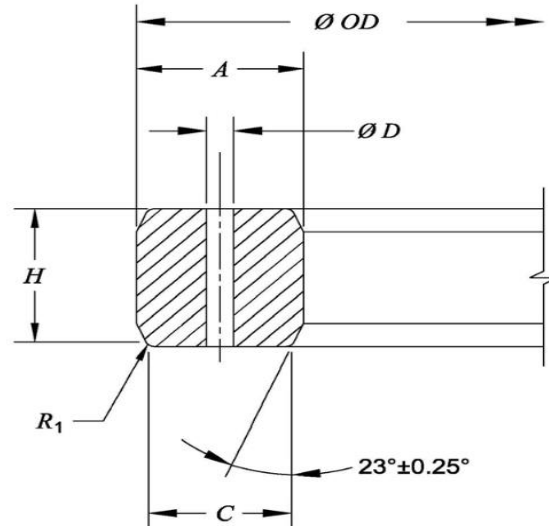
RTJ RINGS HARDNESS & MATERIAL GRADES

Material (Trade Name)	Identification	DIN Material No.	AISI-ASTM UNS	Maximum Hardness	
				Brinell HB	Rockwell B HRB
Soft Iron	D	-	-	90	56
Low Carbon Steel	S	-	-	120	68
F5	F5	1.7362	A182FS	130	72
SS 304	S304	1.4301	304	160	83
SS 304L	S304L	1.4306	304L	160	83
SS 309	S309	1.4828	309	160	83
SS 316	S316	1.4401	316	160	83
SS 316L	S316L	1.4404	316L	160	83
SS 316Ti	S316Ti	1.4571	316Ti	160	83
SS 321	S321	1.4541	321	160	83
SS 347	S347	1.455	347	160	83
SS 410	S410	1.4	410	170	86
254SMO	6Mo	1.4547	S31254	180	89
Duplex	2205	14462	S31803/32205	230 approx.	99
Super Duplex	2507	14410	S32750	230 approx.	99
Nickel 200	Ni 200	2.4066	NO2200	110	62
Monel 400	400	2.436	NO4400	150	80
Inconel 600	600	2.4816	NO6600	150	80
Inconel 625	625	2.4856	NO6625	150	80
Incoloy 800	800	1.4876	NO8800	150	80
Incoloy 825	825	2.4858	NO8825	195	92
Hastelloy B2	B2	2.4617	N10665	230	99
Hastelloy C276	C276	2.4819	N10276	210	95
Titanium	Ti2	3.7025	R50400	215 approx.	96

BX RTJ GASKET SUITABLE AS PER THE FLANGE SIZE

Ring Number	Pressure Class Ratings (PSI)					
	API 6A					
	2000	3000	5000	10000	15000	20000
	Nominal Pipe Size (Inches)					
BX150						
BX151				1.13/16	1.13/16	1.13/16
BX152				2.1/16	2.1/16	2.1/16
BX153				2.9/16	2.9/16	2.9/16
BX154				3.1/16	3.1/16	3.1/16
BX155				4.1/16	4.1/16	4.1/16
BX156				7.1/16	7.1/16	7.1/16
BX157				9	9	9
BX158				11	11	11
BX159				13.5/8	13.5/8	13.5/8
BX160			13.5/8			
BX161			16.3/4			
BX162			16.3/4	16.3/4	16.3/4	
BX163			18.3/4			
BX164				18.3/4	18.3/4	
BX165			21.1/4			
BX166				21.3/4		
BX167	26.3/4					
BX168		26.3/4				
BX169				5.1/8		
BX170				9"	9"	
BX171				11"	11"	
BX172				13.5/8	13.5/8	
BX303	30	30				

BX TYPE RTJ GASKET DIMENSIONS



Ring No.	OD of Ring	Height of Ring	Width of Ring	Width of Flat	Hole Size	Radius on Ring	Radius on Ring	Weight
	OD	H	A	C	D	R1 (min)	R1 (max)	(kg)
BX 150	72.19	9.30	9.30	7.98	1.60			0.13
BX 151	76.40	9.63	9.63	8.26	1.60	0.80	1.20	0.15
BX 152	84.68	10.24	10.24	8.79	1.60	0.80	1.20	0.19
BX 153	100.94	11.38	11.38	9.78	1.60	0.90	1.40	0.29
BX 154	116.84	12.40	12.40	10.64	1.60	1.00	1.50	0.40
BX 155	147.96	14.22	14.22	12.22	1.60	1.10	1.70	0.56
BX 156	237.92	18.62	18.62	15.98	3.20	1.50	2.20	1.88
BX 157	294.46	20.98	20.98	18.01	3.20	1.70	2.50	2.98
BX 158	352.04	23.14	23.14	19.86	3.20	1.90	2.80	4.36
BX 159	426.72	25.70	25.70	22.07	3.20	2.10	3.10	6.55
BX 160	402.59	23.83	13.74	10.36	3.20	1.90	2.90	3.07
BX 161	491.41	28.07	16.21	12.24	3.20	2.20	3.40	5.35
BX 162	475.49	14.22	14.22	12.22	1.60	1.10	1.70	1.99
BX 163	556.16	30.10	17.37	13.11	3.20	2.40	3.60	6.53
BX 164	570.56	30.10	24.59	20.32	3.20	2.40	3.60	9.55
BX 165	624.71	32.03	18.49	13.97	3.20	2.60	3.80	8.76

BX 166	640.03	32.03	26.14	21.62	3.20	2.60	3.80	12.82
BX 167	759.36	35.87	13.11	8.03	1.60	2.90	4.30	8.53
BX 168	765.25	35.87	16.05	10.97	1.60	2.90	4.30	11.14
BX 169	173.51	15.85	12.93	10.69	1.60	1.30	1.90	0.73
BX 170	218.03	14.22	14.22	12.22	1.60	1.10	1.70	1.03
BX 171	267.44	14.22	14.22	12.22	1.60	1.10	1.70	1.24
BX 172	333.07	14.22	14.22	12.22	1.60	1.10	1.70	1.56
BX 303	852.75	37.95	16.97	11.61	1.60	3.00	4.60	12.66

Tolerances (mm)

- A* (width of ring) +0.20, -0.000
- H* (height of ring) +0.20, -0.000
- OD (outside diameter of ring) +0.000, -0.15
- 23° (angle) +/- 0.5°

We offer wide range of RTJ Gasket that in compliance with ASTM, ANSI, API, NORSOK standards at best Market prices in India. To know more about the latest price of RTJ Gasket please feel free to contact us on sales@unifitmetalloys.com or call us on +91 9833885906