



DIRECT GASKETS LIMITED  
UNITS 26 - 36  
DANSOM LANE SOUTH  
HULL  
HU8 7LA



TELEPHONE: 01482 219655  
FAX: 01482 321162

EMAIL: [info@direct-gaskets.co.uk](mailto:info@direct-gaskets.co.uk)  
WEBSITE: [www.direct-gaskets.co.uk](http://www.direct-gaskets.co.uk)

## RTJ

### DESCRIPTION

Metallic ring joint gaskets are heavy duty, high-pressure gaskets largely used in offshore petrochemical applications. They are precision-engineered components designed to be used in conjunction with precision-machined flanges. All ring joints are manufactured to ASME B16.20 and API 6A.

The gasket material is selected on a number of grounds primarily; chemical compatibility with the media and the hardness of the flange. The gasket material ideally needs to be roughly 30 Brinell less than the flange material to ensure sufficient deformation of the gasket without damaging the flange facing.

### STOCK

We have select sizes in stock.

**ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION**



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## CONSTRUCTIONS OF RTJ'S

TYPE	NOMINAL PIPE SIZE	CLASS RATINGS
Type R Oval & Octagonal	$\frac{1}{2}$ " to 24" 26" to 36" 1 $\frac{1}{2}$ " to 20"	150 to 2500 ASME B16.20 300 to 900 ASME B16.20 A API 6A
Type RX	$\frac{1}{2}$ " to 24" 26" to 36" 1 $\frac{1}{2}$ " to 20"	720 to 5000 ASME B16.20 300 to 900 ASME B16.20 A API 6A
Type BX	1.11/16" to 21 $\frac{1}{4}$ "	5000 to 20000 ASME B16.20

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## CONSTRUCTIONS OF RTJ'S

MATERIAL	BRINELL HARDNESS	TEMPERATURE LIMITATION	IDENTIFICATION
Soft Iron	90	-60°C to +500°C	D
Low Carbon Steel	120	-40°C to +500°C	S
4-6% CR ½"% Mo	130	-250°C to +500°C	F5
304 Stainless Steel	160	-250°C to +550°C	S304
316L Stainless Steel	160	-110°C to +550°C	S316
321 Stainless Steel	160	-250°C to +550°C	S321
347 Stainless Steel	160	-250°C to +550°C	S347
410	170	-20°C to +500°C	S410
Monel (N04400)	135	+450°C	N04400
UNS N08904	135	+450°C	904L
Inconel 625	-	+450°C	625
Incoloy 825	-	+450°C	825
Hastelloy C-276	-	+450°C	C-276
Titanium	-	+450°C	TI

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