



METALLIC RING TYPE JOINTS

RTJ



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Applications

- » Heavy duty, high pressure metallic gaskets used predominantly in the oil & gas, crude oil refining and petrochemical industries.
- » Precision machined sealing components designed to be used in specific flange faces with machined RTJ grooves.
- » RTJ gaskets are machined in accordance with ASME B16.20 and API 6A.
- » Gasket materials need to be softer than the flange material, by approximately 30 BHN, to ensure that the gasket is sufficiently deformed without damaging the flange seating surface.

Materials

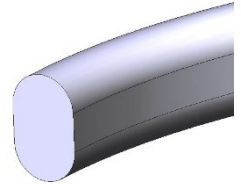
- » Common materials include:
 - » Soft Iron 90 BHN
 - » Low Carbon Steel 120 BHN
 - » 5 Cr – ½ Mo 130 BHN
 - » Stainless Steel 304 160 BHN
 - » Stainless Steel 316L 160 BHN
 - » Alloy 400 135 BHN
- » Other alloy materials are available on request.

Dimensions

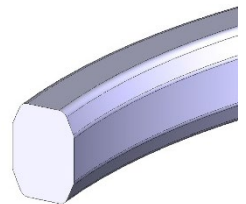
- » ASME B16.20 and API 6A provide the dimensional requirements for RTJ gaskets to fit a range of flange sizes and pressure classes.
- » Custom sizes are also available on request.

Styles

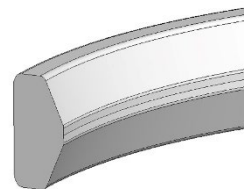
- » Style R (Oval)



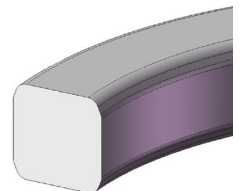
- » Style R (Octagonal)



- » Style RX



- » Style BX



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