

# METALLIC RING TYPE JOINTS

RTJ



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## RTJ

### 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

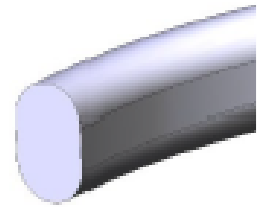
- » Common materials include:
  - Soft iron ..... 90 BHN
  - Low carbon steel..... 120 BHN
  - 5 Cr - ½ Mo ..... 130 BHN
  - Stainless steel 304 ..... 160 BHN
  - Stainless steel 316L..... 160 BHN
  - Alloy 400..... 135 BHN
- » Other alloy materials are available upon request

### Dimensions

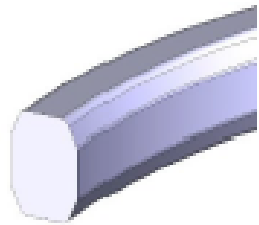
- » ASME B16.20 and API 6A provide the dimensional requirements for RTJ gaskets to fit a range of flange sizes and pressure classes.
- » Custom sizes are also available on request.

### Styles

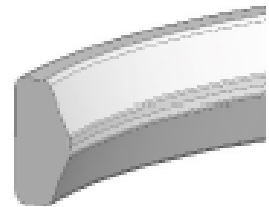
Style R (Oval)



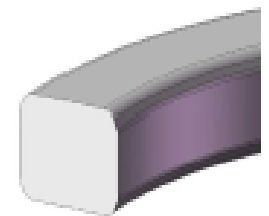
Style R (Octagonal)



Style RX



Style BX



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