



• Ring Type Joints

The Ring Type Joint was initially developed for high pressure/temperature applications found in the petroleum industry, the main use being in the oil field on drilling and completion equipment. However, today this product range can also be found on valves and pipework assemblies, along with some high integrity pressure vessel joints. Standard Ring Type joints can be categorized into 3 groups:

Ring Type joint Style R



The Ring Type Joint Style R is available in both oval and octagonal configurations, both types being interchangeable on the modern flat bottomed type groove flanges. Standard Style R Ring Type Joints are manufactured in accordance with both API 6A and ANSI B16.20 size/ratings.

Ring Type joint Style RX



The Ring Type Joint Style RX is a pressure energized adaptation of the standard Style R Ring Type Joint. As the RX is designed to fit the same groove design as a Standard Style R, the joints are interchangeable. The modified design uses a pressure energized effect which improves the efficiency of the seal as the internal pressure of the system increases.

Ring Type joint Style BX



The Style BX pressure energized Ring Type Joints, manufactured in accordance with API 6A, are designed for use on pressurized systems up to 20,000 psi. The style BX gasket, when correctly fitted, allows virtual face to face contact on the flange faces which means that the gasket is fully trapped on both the inner and outer diameters. All BX gaskets incorporate a pressure balance hole to ensure equalization of pressure which may be trapped in the grooves.