

IX Seal Ring Gasket

The IX Seal-rings are designed and used where the NORSOK CFC (Compact Flange Connections) are in use. The rings come in three different kinds of steel and are coated with PTFE in varying colours in order to distinguish between them. Standard identification NORSOK STANDARD L-005 (NCF5).The IX Seal ring is an elastic seal energised by radial deformation caused by the wedging action of the seal groove.

Cutaway View of Ix Seal Ring and Flange as follows



Features

- 1、According to the requirements of NORSOK STANDARD L-005 (Edition 2, May 2006), for the design of compact flange, it increases the flange stiffness by reducing the radial size of flange.
- 2、The middle arm is shorter than the conventional flange by the gasket as a fulcrum and the bolt center as the force point, so it becomes possible to reduce the flange metal consumption in the condition of meeting the seal effect at the same time.
- 3、The respective connectors are of small sizes and large numbers, which improve the stress uniformity.