

# Bolted Mechanical fittings

## Standard series

The Standard series of Bolted Mechanical fittings are manufactured in our own factories under quality management system in accordance with ISO 9001:2008.



## Parts and Material

### Body and End rings

Ductile Cast Iron to BS EN 1563 Grade GJS450-10

### T-Bolts and Nuts

to BS EN 20898-1 Grade 4.8

### Gaskets

EPDM: to BS2494:Type W&D

Suitable for Potable water, Sewage and Chemicals (not suitable for Petroleum products).

Suitable Temperature range: -40°C to +90°C.

NBR: to DIN3535-3

Suitable for Natural gas and Petroleum products (not suitable for Potable water).

Suitable Temperature range: -20°C to +100°C.

### Lock rings and Washers

Acetal copolymer Grade M90 or equivalent.

### Coating

Body and short T-bolts are Epoxy powder coated in WRAS approved material. T-Bolts and nuts are protected by Cathode electrophoresis coating against corrosion.

Coating thickness for Cathode electrophoresis:  $20 \pm 5 \mu$

Coating thickness for Epoxy powder coating:  $\geq 150 \mu$



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