

Bolted Mechanical fittings

Steel Lock series

The Steel Lock 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, End rings and Lock 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.

Washers

Acetal copolymer Grade M90 or equivalent.

Coating

Body and End rings are Epoxy powder coated in WRAS approved material. Lock rings, T-Bolts and nuts are protected by Cathode electrophoresis coating against corrosion.

Coating thickness for Cathode electrophoresis: $\geq 20\mu$ (Lock rings)

$20\pm 5\mu$ (T-Bolts and nuts)

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



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