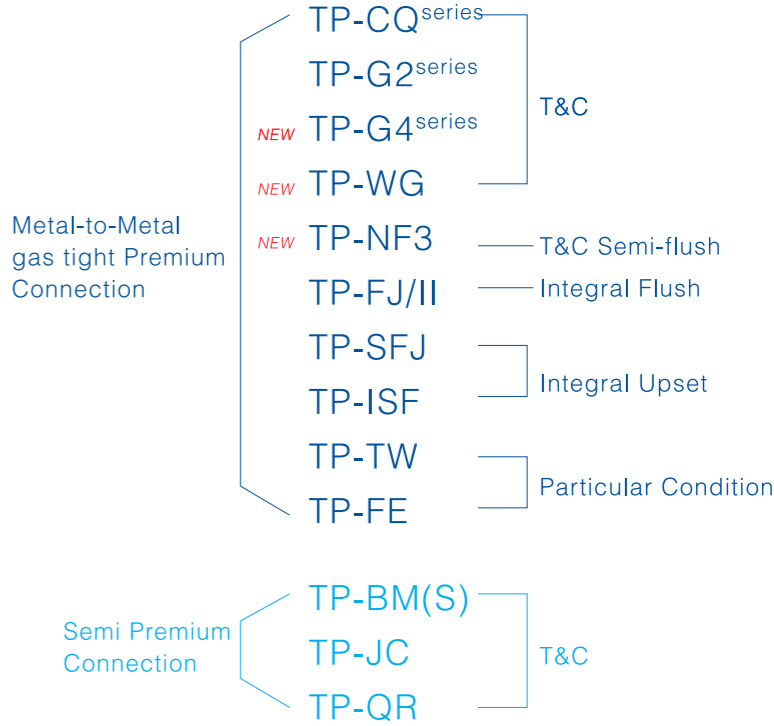


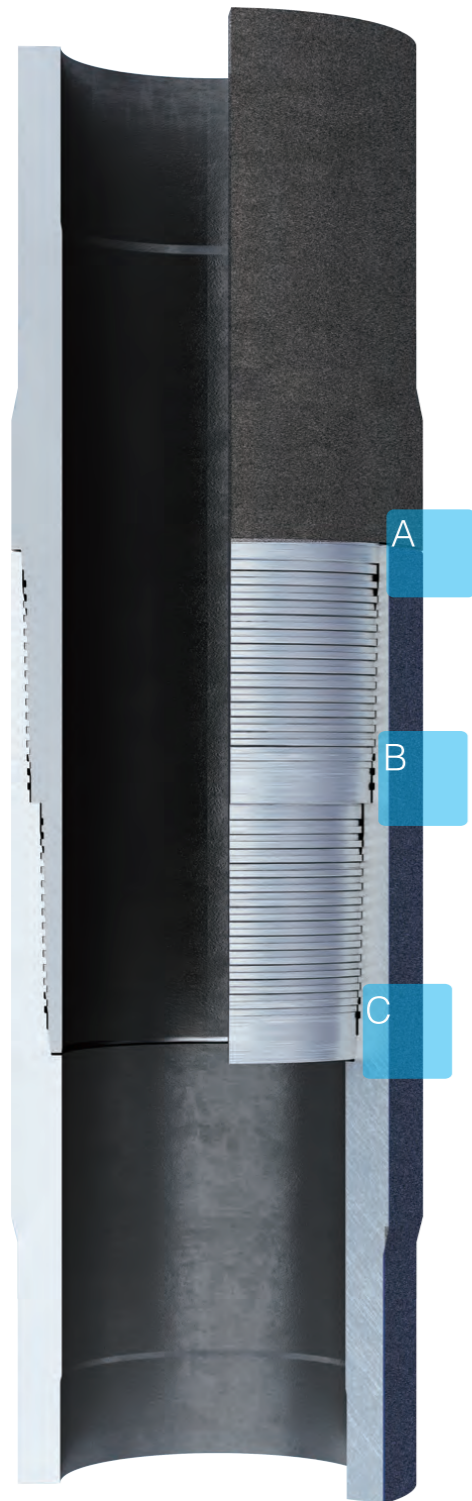
premium connections
TP-ISF



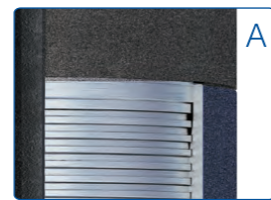
Tianjin Pipe Corporation
 Tianjin Pipe International Economic & Trading Corporation
 Add.: No.396, Jintang Road, Dongli District, Tianjin, P.R. China
 Tel.: +86 22 6628 0988
 Fax: +86 22 6628 0681
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TP-ISF 4-1/2in~14in

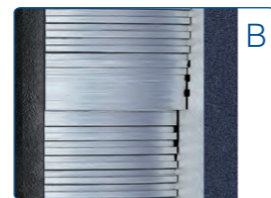
- No coupling with pin and box upsetting controlled below 4%, can provide optimized clearance
- Double sealing surface, can provide excellent gas seal ability
- Torque shoulder in the middle of the connection, can provide accurate make-up stop
- Two step thread design can achieve the 70-80% strength of the pipe body.
- Suitable for low alloy & carbon steel pipe
- Easy Stabbing, No Cross Threading
- ISO13679:2002 CAL IV approved
- Design according to customer requirements



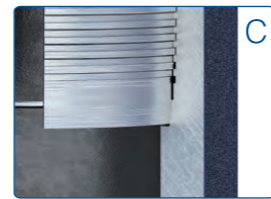
A external sealing surface



B Straight torque shoulder



C internal sealing surface



1 . Description

1.1 Thread Connection

Thread design incorporates broad critical sections that develop tension efficiencies of 70% to 80% of the pipe body yield strength. the form of the bipolar thread design threads are hooked thread, with a taper of 1:16.

1.2 Metal-to-Metal Seal

Internal and external metal-to-metal seal surface can provide enough contact length and contact pressure. The metal-to-metal seal system offers excellent gas-tight sealing, even under the most severe combined loads. The seal integrity remains constant after repeated make-ups and break-outs. Optimized thread geometry minimizes the risk of galling, even when thread lubricants are poorly applied.

1.3 Torque Shoulder

A straight torque shoulder provides accurate power-tight make-up, and contribute to high compression strength.

1.4 Internal Profile

Box is upseted and turned down to OD's that are typically 3% to 4% over the diameter of the pipe.

1.5 Lower Stress Design

The lower stress design makes the connections reliable in Corrosive conditions.

TPCO