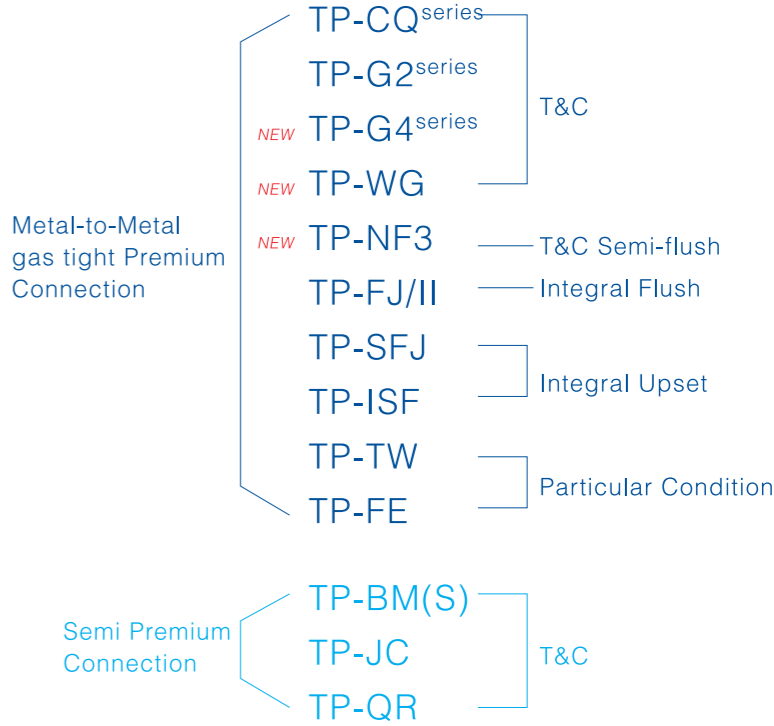




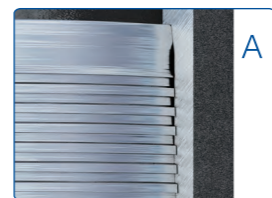
premium connections  
**TP-FJ/II**



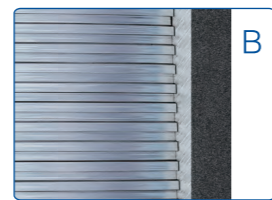
Tianjin Pipe Corporation  
 Tianjin Pipe International Economic & Trading Corporation  
 Add.: No.396, Jintang Road, Dongli District, Tianjin, P.R. China  
 Tel.: +86 22 6628 0988  
 Fax: +86 22 6628 0681  
 P.C.: 300301  
[www.tpcointernational.com](http://www.tpcointernational.com)

TP-FJ/II 2-7/8in~15-1/2in

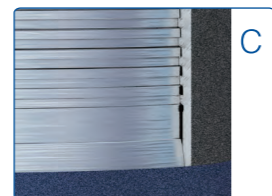
- The OD and ID are 100% Flush, Stream lined design connection provide Maximum Clearance.
- Hooked thread form design provide excellent joint strength & bending capacity.
- Joint efficiency is about 60% of pipe body.
- Double seal can provide excellent gas-tight ability.
- Optimized MTM seal geometry design ensure the anti-galling property.
- ISO 13679:2002 approved.
- Product design according to customer specifications.



External seal



Optimized hook thread



Internal seal

Application:

- Horizon and deep wells
- intermediate casing
- Production casing, tie back and liners

1. Description

1.1 Thread Connection

A modified hooked thread form design provides excellent joint strength & bending capacity. Threading on medium or heavy wall pipes. Pipe to pipe connection without couplings.

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 Reverse Angle Torque Shoulder

A reverse angle torque shoulder provides accurate power-tight make-up, which also enhances metal-to-metal sealing.

1.4 Streamlined Internal Profile

The OD and ID are 100% flush, which gives the maximum clearance.

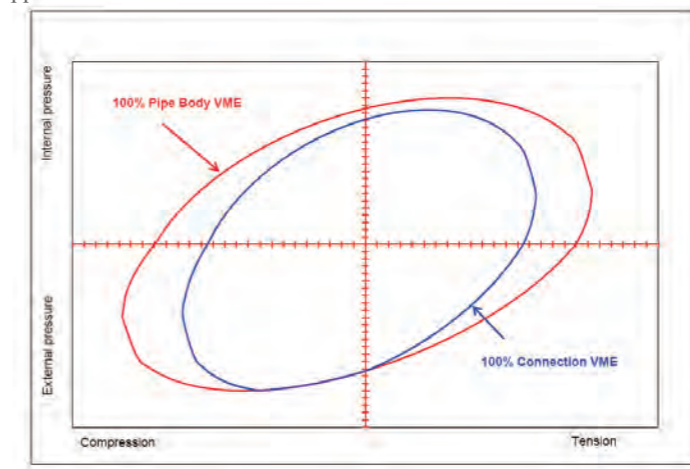
1.5 Lower Stress Design

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

2. Finite Element Analysis on TP-FJ/II



Finite Element Analysis graphically illustrates the low-stress design which makes TP-FJ/II excellent choices for critical well applications.



3. Test Report

Grade	OD	Wt	Lab	Test Spec.	Result
TP80S	5-1/2 in	5-1/2in×20# (139.70×9.17mm)	TPCO	ISO 13679:2002 CAL II <sup>1</sup>	Pass
P110	5-1/2 in	5-1/2in×23# (139.70×10.54mm)	TPCO	ISO 13679:2002 CAL II <sup>2</sup>	Pass
TP125SS	9-5/8in	9-5/8in×53.5# (244.48×13.84mm)	TPCO	ISO 13679:2002 CAL II <sup>2</sup>	Pass
TP140HC	8-1/8in	8-1/8in×53.3# (206.38×17.25mm)	TPCO	ISO 13679:2002 CAL II <sup>2</sup>	Pass
TP155V	6-5/8in	6-5/8x28# (168.28×10.59mm)	TPCO	ISO 13679:2002 CAL II <sup>2</sup>	Pass

Note:  
Abbreviate test.  
As Per Customer's Request .