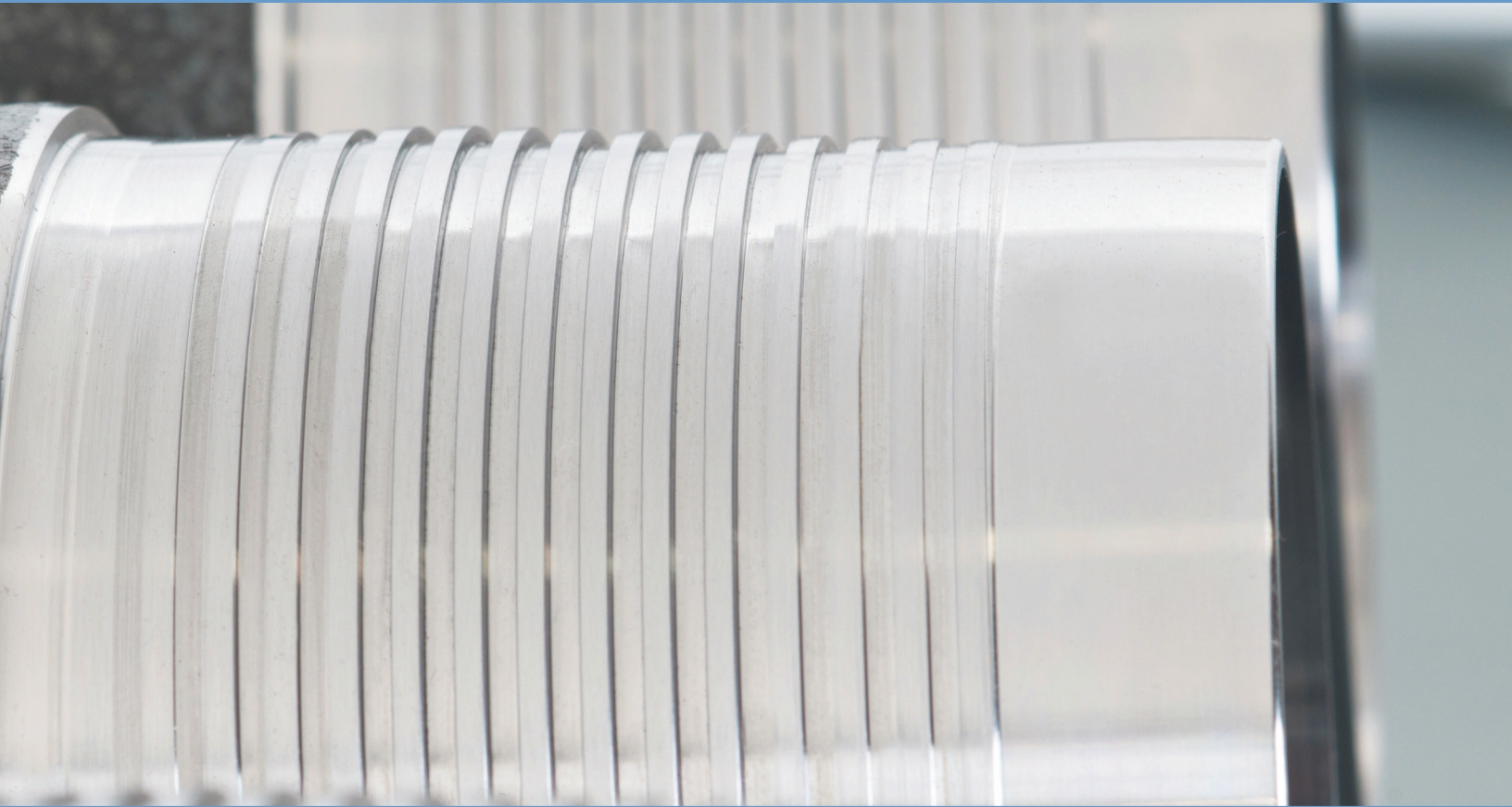


# TMK UP ULTRA™ FJ

## Flush-Joint Connection



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## Flush-Joint Connection

### Proven Performance

The TMK UP ULTRA™ FJ was the first premium connection introduced to the market by TMK IPSCO. Its excellent performance under tensile loading has helped the FJ build an extensive run history in various applications and well geometries. The FJ is used as production casing and tubing, intermediate casing and liners. Its metal-to-metal external and internal seals ensure pressure integrity and its FullContact™ thread form allows for bending in deviated wells. These advantages factor into well designs when clearance or pipe O.D. are crucial to casing a particular wellbore. Special applications include plastic or glass-coated tubing for injection wells or gas storage production.

### Innovative Solutions

TMK IPSCO recognizes that as oil and gas well geometries evolve, so should your casing and connections. TMK IPSCO provides casing and premium connections that increase casing performance in well environments including high-temperature, high pressure, gas and hydraulic stimulation. Integrating TMK IPSCO casing products into your well can give the assurance that comes from highly engineered premium connections and tubulars that are tested under the toughest industry standards. The TMK UP™ products include threaded and coupled connections for greater cased hole strength and slim-profile integral connections that preserve a large casing internal diameter.

### Global Strength

TMK IPSCO is an industry leader in welded and seamless pipe, premium connections and accessories with the strength of more than twenty manufacturing facilities strategically located in the key energy producing areas of the world. Our legacy of quality, exceptional customer service and focus on innovation translates into unparalleled value for our customers. Our strength—in product and presence—gives customers a competitive edge, making us the ideal supplier for the oil and gas industry as well as many industrial markets worldwide.

For more information on any of the details featured here, please contact: [techsales@tmk-ipsco.com](mailto:techsales@tmk-ipsco.com)

# TMK UP ULTRA™ FJ

## Flush-Joint Connection

### The Strongest Flush-Joint Connection

- Highest tensile efficiency of any true flush-joint connection
- Pressure ratings that equal API collapse and MIYP

### External Metal Seal and Positive Torque Stop

- Provides pressure integrity
- Provides constant make-up torque values

### FullContact™ Threads

- High tension and compression efficiency
- High bending capacity and evenly distributed stresses
- Deep stabbing with quick, easy make-up

### Run-In/Run-Out Threads

- Maximizes critical cross sectional area
- Increases both tension and compression efficiencies

### Sphere and Cone Internal Metal Seal

- Maintains pressure integrity under combined loading generated by changes in pressure, temperature and axial loads



10120 Houston Oaks Drive

Houston, TX 77064

Tel: 281.949.1023

Toll free: 888.258.2000

[www.tmk-ipsco.com](http://www.tmk-ipsco.com)

