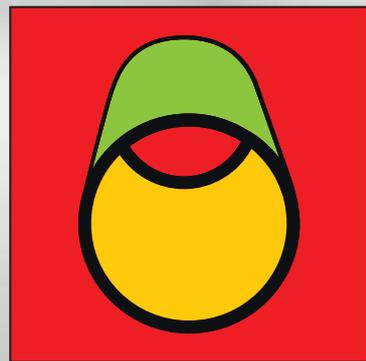
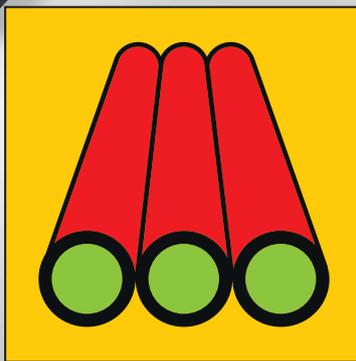


TPS MULTISEAL
2-STEP PREMIUM
GASTIGHT

INTEGRAL UPSET
CONNECTION





TPS MULTISEAL

2-STEP PREMIUM GASTIGHT INTEGRAL UPSET CONNECTION

TPS Multiseal TS8, TS6 and TS4 connections are suitable for service in the most severe well conditions such as HP/HT, deviated, horizontal, deep wells and corrosive environments. It is the preferred connection for work-, test, or fracstring applications.

ADVANTAGES:



EXTENDED PRODUCT LIFETIME

Our connections are available with extra long upsets, which allows re-threading up to 3-times



INTERCHANGEABILITY

Interchangeable with other 2-step integral upset connections



PROVEN DESIGN – HIGHEST PERFORMANCE

TPS Multiseal is field proven since decades and tested in acc. with ISO 13679:2002 CAL IV (details on file)

Joint tension efficiency exceeding 100%



TIME SAVING

Quick and easy make up due to the 2-step integral thread design



DURABILITY

Suitable for multiple makes and breaks



HIGHEST QUALITY

You can rely on 40 years of Quality – Made in Germany –

TPS Multiseal is available with quick lead time ex our huge mill stock or from new manufacturing with standard or **extra long upsets**.

TPS also offers a wide range of **Pup Joints, X-Overs, Flow Couplings** and other accessories.

| STOCK OVERVIEW | | | Material Grade | | |
|----------------|-------|---------|----------------|--------|---------|
| OD | lb/ft | Product | 80 ksi | 95 ksi | 110 ksi |
| 1.315" | 1.80 | MS-TS-8 | ✓ | | |
| | 2.40 | MS-TS-8 | ✓ | | ✓ |
| 1.660" | 3.02 | MS-TS-8 | ✓ | | |
| | 3.24 | MS-TS-8 | ✓ | | ✓ |
| 1.900" | 2.90 | MS-TS-8 | ✓ | | ✓ |
| | 3.64 | MS-TS-8 | ✓ | | ✓ |
| | 4.19 | MS-TS-8 | ✓ | | ✓ |
| 2 7/8" | 7.90 | MS-TS-6 | | | ✓ |
| | 8.70 | MS-TS-6 | ✓ | | |
| 3 1/2" | 12.95 | MS-TS-6 | ✓ | ✓ | ✓ |
| | 15.80 | MS-TS-6 | | ✓ | |
| 4 1/2" | 15.50 | MS-TS-6 | | ✓ | ✓ |
| | 19.20 | MS-TS-6 | | ✓ | |
| | 24.00 | MS-TS-4 | | ✓ | |

*Other material grades. including high strength, chromium or special sour service grades are available on request.

SPECIAL FEATURES:

- 1 extra long upsets
- 2 30° metal to metal gastight internal/external pressure seal & torque shoulder
- 3 90° shoulder to avoid overtorquing
- 4 non tapered solid buttress type thread form – no tendency for thread galling
- 5 14° primary metal to metal gastight seal, recess free internal transition zone

AVAILABLE OPTIONS:

- TR execution – internal resilient ring
- Internal coating
- Special Clearance





Headquarter



Project Office



Mill 1



Mill 2

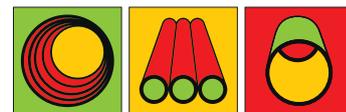
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