

HTJ Thermal Expansion Joint

The HTJ Thermal Expansion Joint is used in the tubing string to allow for pipe expansion and contraction because of temperature and or pressure in thermal completions. The expansion joint may be shear pinned retracted, middle and extended positions. When fully extended or retracted, the designed clutch engages allowing torque to be transmitted through the tool.

The HTJ Thermal Expansion Joints come standard with API tubing connections. Premium connections available upon request.

Contact an NOV Applications Engineer for other sizes available.

Features

- Temperature rating up to 550° F (287,78° C).
- Pressure rating up to 2,500-psi (172,37-bar).
- Standard EU 8 RD connections, premium connections available upon request.
- May be shear pinned in retracted, middle or extended position.

Benefits

- Field adjustable shear value.
- Allows tubing movement in Huff & Puff completions.
- Reduces stress on tubing in thermal applications.

Applications

- Thermal injection
- Huff & Puff completions

Technical Data

| Tubing Size in. (mm) | Max. O.D. in. (mm) | Min. I.D. in. (mm) | Stroke Length | Thread Connection | Product Number |
|-------------------------|-----------------------|-----------------------|---------------------|----------------------|-------------------|
| 3.500 88,90 | 5.000 127,00 | 2.906 73,81 | 15.00-ft 4.572-M | 3.500" EU 8 RD | 503-35 |

