

Well Flow Management

DST-TCP

Safety Joint and Overshot (SFJT)

The Safety Joint provides for an emergency release between the work string and the packer. In the event that the Safety Joint is released, the Overshot can be run to reconnect the work string with the packer assembly.

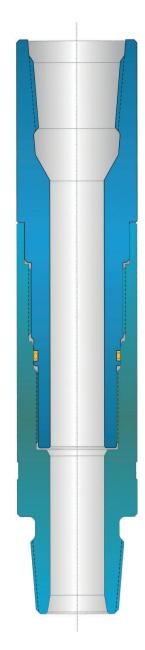
Features and benefits

- The Safety Joint is run on the test string directly above the packer.
- Release is effected by taking an upstrain on the test string and rotating to the right.
- Release is controlled by make-up torque, which can be varied.
- Eleven turns are required to back off the Safety Joint.
- The Safety Joint can be reconnected to the test string by slowly setting down and rotating the overshot to the right into the retrieving threads.

Specifications

| Working pressure | 15,000 psi/103.42 Mpa |
|--|---------------------------|
| Working temperature (See note 1) | 350°F/175°C |
| OD (in/mm) | 5" / 127mm |
| ID (in/mm) | 2.25"/57.2mm |
| Upper thread connection | 3 1⁄2″ IF |
| Lower thread connection | 3 1⁄2″ IF |
| Tensile strength | 350,000 lbf / 155,600 daN |
| Tensile strength at max working pressure | 30,000 lbf / 13,345 daN |
| Tool length (in/mm) | 27.2 in / 690.88mm |
| Tool weight (lbs/kg) | 140 lbs / 63.6 kg |
| Service condition | H2S per Nace MR-01-75 |
| | |

Note 1: Working temperature can be increased by changing sealing configuration as follows: Up to 400° F/204°C – Standard elastomers and premium back-up rings.



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