






APPLICATIONS:

-  Drill stem testing
-  Tubing-conveyed perforating
-  Completions

FEATURES:

-  Two stage disconnect to prevent unintentional disconnect
-  Transfers torque

The Tension Safety Joint provided a means to disconnect the drill string from the rest of the down hole assembly. Torque can pass through the tool without loading the shear pins. *There are two steps required to separate the Safety Joint:*

1. A predetermined tensile load to shear the pins is applied
2. Followed by right hand rotation (approximately 6 rotations) accompanied by moving the drill stem up and down (approximately 8") twice per rotation.

SPECIFICATIONS:

O.D. in [mm]	5.0 [127]
I.D. in [mm]	2.25 [57]
LENGTH COLLAPSED in [m]	43 [1.1]
WEIGHT lb [kg]	160 (72.6)
MAX TEMPERATURE degF [degC]	350 [177]
PRESSURE DIFFERENTIAL (annulus/tubing) psi [kPa]	15,000 [103,421]
MAX STROKE in [mm]	10.25 [260.4]
TENSILE STRENGTH lbf [kN]	203,000 [902]
CONNECTIONS (premium connections available)	3-1/2 API IF
SERVICE	Standard and sour service above 175 degF as per NACE MR 0175

* Slim hole version available upon request.

