

### DESCRIPTION

The Slip Joint is a telescoping joint which accommodates tubing movement caused by temperature changes during testing operations. The Slip Joint provides free travel of the tubing string as it expands and contracts to isolate the down hole tools from these forces. If required, multiple Slip Joints are run in tandem to provide a longer stroke.

### APPLICATIONS

- Drill stem testing
- Tubing-conveyed perforating
- Vessel travel compensation for offshore operations
- Stimulations
- Fracking operations

### FEATURES

- Pressure balanced for pressure testing and stimulation
- Transmits right-hand torque
- Transmits right-hand torque
- Hardened wear surfaces for long life in harsh conditions

### SPECIFICATIONS

	3140CA	3140BA	3140DA
O.D. in [mm]	5.0 [127]	5.0 [127]	5.0 [127]
I.D. in [mm]	2.25 [57]	2.25 [57]	2.25 [57]
LENGTH in [m]	184.5 [4.7]	213.02 [5.41]	189.5[4.81]
STROKE ft [in]	5 [60]	2.5 [30]	5 [60]
MAX TEMPERATURE degF [degC]	400 [204]	350 [177]	350 [177]
PRESSURE DIFFERENTIAL (annulus/tubing) psi [kPa]	15,000 [103,421]	15,000 [103,421]	15,000 [103,421]
TENSILE STRENGTH lbf [kN]	296,000 [1,320]	300,000 [1,334]	245,000 [1,090]
CONNECTIONS (premium connections available)	3-1/2 API IF	3-1/2 API IF	3-1/2 API IF
SERVICE	Sour service above 175 degF as per NACE MR 0175	Sour service above 175 degF as per NACE MR 0175	Sour service above 175 degF as per NACE MR 0175

\*These specifications are guidelines only. Refer to the equipment technical manual, or contact Northstar for more information.

