

EXPANSION JOINT CLUTCH-TYPE

THERMAL EQUIPMENT



The Tier 1 thermal rated Clutch-Type Expansion Joint provides tubular movement throughout multiple high-temperature and pressure related cycles.

The Expansion Joint's clutch mechanism is engaged when the tool is in either tension or compression. This allows for the transmission of torque through the tool at appropriate times during installation or retrieval

The free-rotation feature while not in tension or compression permits the release of residual torque or any torque generated during the cycling of temperatures and pressures.

CURRENT SIZES

- ⇒ 114.3mm (4-1/2")
- ⇒ 139.7mm (5-1/2")
- ⇒ 177.8mm (7")

STANDARD OFFERING

- ⇒ L-80
- ⇒ P-110
- ⇒ 343°C (650°F) rated

OPTIONS

- ⇒ Stroke length
- ⇒ Premium connections
- ⇒ Non-thermal rated seals
- ⇒ CRA materials
- ⇒ Additional sizes available upon request

FEATURES & BENEFITS

- ⇒ High performance thermal seals providing longevity of integrity
- ⇒ Internal clutch capable of transmitting high torque forces
- ⇒ Full drift ID ensuring compatibility with associated tubular string
- ⇒ Customized stroke length to match application design requirements

APPLICATIONS

- ⇒ Production
- ⇒ Injection
- ⇒ Non-cemented
- ⇒ Vertical / Deviated / Horizontal
- ⇒ Tubing strings
- ⇒ Scab liners
- ⇒ Steam and hydrocarbon wells

