



## Thermal Expansion Joint Clutch Type

KX Oil Tools Clutch Type Thermal Expansion Joint mitigates the effects of temperature and pressure changes in the wellbore, by allowing the tubular to expand and contract, though out the stroke length of the expansion joint. An internal clutch is engaged in the fully open or the fully closed position, enabling torque to be transmitted through the top connection into the lower mandrel. Thus aiding in the setting and unsetting of packer systems, and enabling rotation of the liner during installation while the liner is in compression or tension.



### CURRENT SIZES

- 4-1/2"
- 5-1/2"
- 7"

### STANDARD OFFERING

- L80 Type Flow Wet
  - 650°F
  - Box x Pin

### OPTIONS

- Flow Wet Materials
  - Connections
- Connection Configuration
  - Expansion length
- Sizes available upon request

### APPLICATIONS

- Production
- Injection
- Steam and Hydrocarbons

### FEATURES, BENEFITS & ADVANTAGES

- Standard Box x Pin configurations
- Thermal seals able to operate in steam and hydrocarbons
- Internal clutch system is capable of transmitting high torque values
- ID can be setup to match that of the liner or tubing system
- Length is easily configured at the time of manufacturing to meet the demands of the well bore

### INQUIRIES

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