



ENGINEERING INNOVATION
WORLDWIDE

Completion Packers

JGS-K Thermal Packer

The TIW® JGS-K Thermal Packer is a simple, economical, unitized casing packer and tubing expansion joint for ultrahigh-temperature applications. Engineered for either injection or producing wells, it is ideal for use in steam and fireflood applications. A high-temperature packoff, made of aramid-filled material, provides a positive seal from above or below at temperatures to 650° F. All moving parts are coated with molybdenum disulphide. The polished mandrel is available in various lengths to allow for expansion and contraction of the tubing string.

Features

- The locator sub, supplied with a tubing connection, can be ordered with premium threads
- The Kelly-Bumper Sub has a 36-inch stroke, allowing the packer to be set at shallow depths with minimal tubing weight
- The JGS-K Packer requires 1/4 clockwise turn to set
- The high-temperature packoff provides a premium, weep-proof seal at temperatures to 650° F
- The serrated slips hold the packer in place against differential pressure from above or below. The holddown slips cannot be set prematurely
- The wiper springs are made of spring steel with TIW hard-facing to eliminate wear
- The JGS-K Packer Mandrel can be constructed in stainless steel, for protection against corrosion
- The packing housing v-ring high-temperature packoff stack securely holds pressure from either direction
- The packer may be easily repaired. Replacement of the high-temperature packing and shear pins is normally all that is required

