

PRODUCT LINEWell Completion | Service
Accessories**PRODUCT**

KTC Tension Unloader

**INNOVEX**

Innovex's **KTC Tension Unloader** provides a means of equalizing differential pressure after completing squeeze cementing or other remedial work below a packer.

When run above a tension-set squeeze packer, the Tension Unloader will remain open going in or out of the well due to an internal friction device. The tension used to set the packer will also close the unloader and permit pressure work below the packer.

The Tension Unloader can be opened by setting sufficient weight on the packer to overcome the internal friction device. Resistance to closing or opening can easily be adjusted in the field, from a minimum of zero to a maximum of approximately 12,000 lbs.



| Size (inches) | Minimum Casing Size | | Maximum OD (inches) | Minimum ID (inches) | Connection |
|------------------|------------------------|------------|------------------------|------------------------|-----------------------------|
| | inches | # | | | |
| 1.660 | 2-7/8 | 8.6 to 8.7 | 2.125 | 0.750 | 1.660 EU10Rd x 1.315 NU10Rd |
| 1.900 | 3-1/2 | 9.2 to 9.3 | 2.812 | 1.250 | 1.900 EU10Rd |
| 2.375 | 4-1/2 | 16.6 | 3.625 | 2.000 | 2.375 EU8Rd x 2.375 NU10Rd |
| | 4-1/2 | 13.5 | 3.750 | 2.000 | 2.375 EU8Rd x 2.375 NU10Rd |
| 2.875 | 5-1/2 | 23 | 4.500 | 2.500 | 2.875 EU8Rd |
| 3.500 | 6-5/8 | 32 | 5.438 | 3.00 | 3.500 EU8Rd |
| 4.500 | - | - | 3.625 | 2.000 | 2.875 EU8Rd x 2.375 NU10Rd |