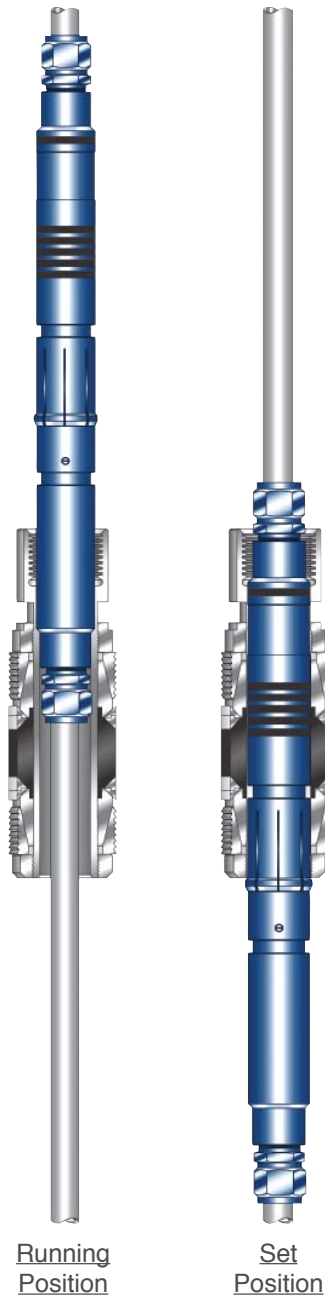


# PRO-LOK LATCHING SEAL MANDREL



Running Position

Set Position

## Description

The Pro-Lok Latching Seal Mandrel was developed by Select Energy Systems for efficiency and economy in the completion of segregated zone wells. The Pro-Lok is made up to the coiled tubing string using a slip-type tubing connector or alternately, a roll-on nipple. A tail joint and any required tools such as pump-out plugs or landing nipples can be installed below the mandrel. The coiled tubing string is run in the hole through the packer profile, and as the Pro-Lok passes through the packer bore, the collet fingers collapse, allowing free passage of the seal mandrel. Once through the packer, the collet fingers prevent the seal mandrel from passing upward, securely locating the Pro-Lok in place.

When used in conjunction with the Select 2590R hanger and a snubbing collar, tubing sizes up to 1.25" can be snubbed onto the primary string at any time, travel down to break segregation and clean the well to TD. When clean-out procedures are finished, the primary string is returned to the hang-off position relocating the Pro-Lok in the packer bore; thus reestablishing segregation. To retrieve the Pro-Lok from the well, simply over-pull to the preset shear value and release the collet-retaining ring. This allows the collet to collapse and the seal mandrel to pass upward through the packer for removal from the well.

## Applications

- Provides access to segregated zones for clean-outs or other operations, without removing primary or secondary tubing strings.

## Features & Benefits

- Cost-effective access to segregated zones using existing permanent packer in the well.
- Accurate tail joint placement at desired depths.
- Through-bore is same as coiled tubing ID, which maximizes velocity string efficiency by eliminating restrictions.
- Eliminates retrieval of primary and secondary strings prior to well clean-out.
- Saves time by eliminating extra trips.

## Specifications

Coiled Tubing Sizes (in. / mm)	Tool OD (in. / mm)	Tool ID (in. / mm)	Temp. Rating (°F / °C)	PSI (MPa)
0.75 - 2.375 (19.05 - 60.32)	2.39 (60.7)	1.35 (34.29)	-40 - 275	5000
	3 (76.2)	1.75 (44.45)	(-40 - 135)	(34)