

TS Series

PRL (Positive Rotational Lock) Swivel Union

The RMSpumptools PRL Swivel is an in-line tubing device designed to provide orientation between two sets of tubing assemblies. Typical uses are alignment of two downhole tubing units such as dual string packers or tubing to hanger make-up. Once alignment is set, the swivel is locked in position by a series of teeth which provide a positive locking mechanism with high torque loading.

The PRL Swivel is operated by winding Lock Nut back by approximately 1/2" to allow disengagement of Upper Body and Collar. The Upper and Lower Bodies are then oriented to desired position and the Collar and Upper Body set together again, the Lock Nut is then made up tight and locked with screws.

It is available for standard or sour service conditions and is configured with standard tubing connections such as New Vam or API 8rd threads. The PRL Swivel is configured with +/- 10 Deg Alignment as standard but can be supplied with +/- 3 Deg Alignment. Standard Materials are L-80 Alloy Steel for standard service or 13% Chrome for sour service.

PRL Swivel Size Options

Tubing Size	Weight Range	Min Bore
2-7/8"	6.4# - 7.7#	2.320"
3-1/2"	7.7# - 10.2	2.920"
4-1/2"	10.5# - 13.5#	3.920"
5-1/2"	15.5# - 23.0#	4.680"

Key Performance Features

- High Torque Capacity
- ± 10° Alignment
- Simple Construction
- Full Tubing Bore
- Only One Set of Seals

