

Tubing Swivel

OVERVIEW

Logan's circulating Tubing Swivel minimizes friction to ease rotation and reduce the possibility of backing off the top collar.

Logan's Tubing Swivel allows surface connections to remain in place while the tubing string rotates or moves vertically. In addition to providing a lifting point for the elevators located above a high-capacity thrust bearing, these swivels also permit one or two connections for discharge or flow lines. A single flow connection that runs transverse to the tubing axis is normally provided. Two such transverse connections, or a single in-line connection that allows wireline tools to run through the swivel, are options.

Wireline tools may be run through the Tubing Swivel by substituting the standard handling sub with a hollow handling sub.

Logan's Tubing Swivels are available in three sizes: standard, heavy duty, and extra heavy duty. The larger sizes are equipped with a box/pin saver sub.

- Allows circulation while the tubing string is rotated or moved vertically
- Offers a 1 (2") LPT Standard Side Port
- Available in 6" or 9" longer bottom mandrel for power tongs

| Type | Static Thrust (lbs) | Pressure (psi) | Input Connection | Tubing Size (in) | Elevator Size (in) | Tubing Connection |
|------------------|---------------------|----------------|------------------|------------------|------------------------------|-------------------|
| Standard | 90,000 | 10,000 | 2 LP | 2.375 2.875 | 2.375 2.875 (3.50 Opt) | 2.875 EU8Rd |
| Heavy Duty | 230,000 | 10,000 | 2 LP | 2.875 3.50 | 2.875 3.50 | 3.50 EU8Rd |
| Extra Heavy Duty | 308,000 | 10,000 | 2 LP | 2.875 3.50 | 2.875 3.50 | 3.50 EU8Rd |

Logan's Tubing Swivels are designed for relatively slow rotational speeds and cannot be used for drilling operations

