

QUANTUM Tubing Swivel

APPLICATIONS

- Standard completion operations

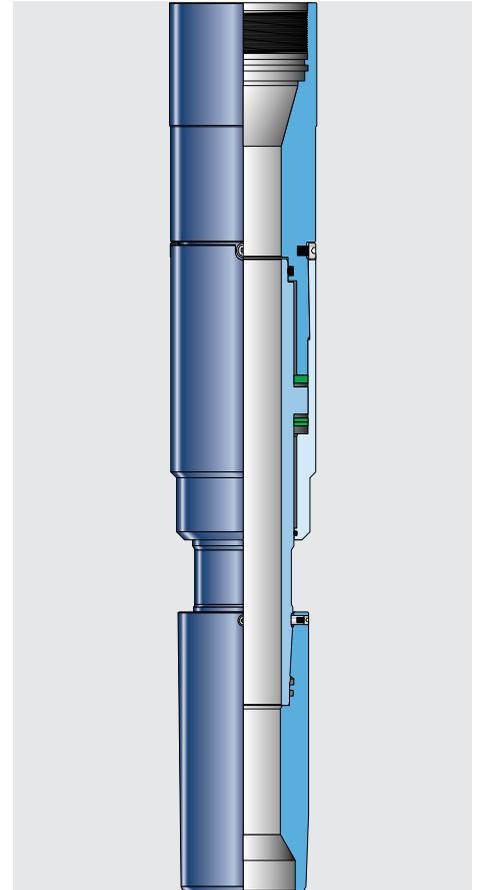
BENEFITS

- Simple rugged design enhances operations and site safety.
- Reduced workstring torque increases wellbore

The QUANTUM* service tool tubing swivel allows the gravel-pack assembly to be rotated without transferring torque to the washpipe or seal units mounted below it. This rotation is commonly required in horizontal completions when making up the packer assembly to the screen assembly with washpipe and or seal units.

The tubing swivel also reduces the torque placed in the string when the rotational release feature is employed to release a QUANTUM service tool from a set QUANTUM packer.

The QUANTUM tubing swivel uses thin-profile journal bearings and thrust washers — not threaded connections — to handle the operating loads. The top sub of the swivel connects directly to the service tool seal unit. The lower sub can be made to fit a service tool seal unit or other tubing connection. The swivel maximizes the inside diameter of the tubing and is compatible with other horizontal well completion tools.



QUANTUM Tubing Swivel

QUANTUM Tubing Swivel Specifications

Size (in. [mm])	Max OD (in. [mm])	Min ID (in. [mm])	Length (in. [mm])
4.000 [101.6]	3.960 [100.6]	1.760 [44.7]	22.62 [574.5]
4.750 [120.7]	4.710 [119.6]	2.440 [62.0]	28.60 [726.4]
6.000 [152.4]	5.960 [151.4]	2.440 [62.0]	28.60 [726.4]