

ROLLER VALVE ROD GUIDES



Corporate

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Drilling Tools International has developed the Roller Valve Rod Guide to help centralize valve rod movement within the guide. It incorporates friction reducers to centralize the rod and allows rotation and ease of travel. While reducing the friction in all planes, additional benefits include reduction in drag and torque on the valve rod and pumping system. The friction reducers allow the rod to maneuver away from the actual guide body, thus assist in protecting the throat and fishing neck of the guide. This helps reduce potential strain and wear on the surface and downhole components, including the sucker rods, the pump, and the tubing. Allow Drilling Tools to help you pump further, safer, and more efficient.

Benefits

- Robust design to withstand operations and loads
- Standard and API connections
- Friction reduction system to reduce friction in all planes
- Maneuverability to help maintain momentum and ease of movement
- Minimal decrease in ID to allow flow of fluid and debris
- Can be customized for sour service environments
- Can be customized with various configurations, material, threads, and dimensions
- Average friction coefficient of 0.050 per tool

Applications

Rod Lifting wells

Vertical and Horizontal pumping

TECHNICAL DATA	2.875" (G11-25)	3.500" (G11-30)
OD @ body	2.250"	2.750"
ID of guide	1.000"	1.188"
ID @ friction reducers	0.9125"	1.100"
Lower threads (standard)	1.8024" 14 UN-2B (box)	2.1095" 11.5 UN-2B (box)
Top of guide fishing sub	1.625"	1.625"
Fishing neck	1.50"	1.50"
Length	10.50"	11.00"

Patent Pending

www.drillingtools.com

Drilling Tools International, Inc. is a leading provider of downhole tools to the land and offshore drilling markets. For nearly 40 years our company has been guided by the principals of Strength, Innovation and Performance. We consistently deliver world class customer service while providing quality products that meet the demanding drilling applications of today's market.

Our Quality Management System is certified in compliance to ISO 9001, and API Spec Q1 and our manufacturing is licensed to API Spec 7-1. Our Quality Management System governs all of our processes from planning, to process control, to delivery. This ensures that we consistently manufacture products that not only meet API standards but also meet the ever-changing needs of our customers.