

QUAD OVERRIDE TOOL



The Quad Override Tool is designed to override the pull-type latch system of a Masterflo Choke Insert Running Tool.

The quad override tool operates by clamping a set of jaws over the valve stem. The tool then uses a hydraulic piston to pull on the valve stem. The force of the pull can be varied between 1,000 and 12,350 lbf.

The ROV manipulator acquires, installs and operates the tool. The hydraulic cylinder is functioned with the ROV hydraulic system.

Technical Data / Specifications

Dimensions:

Length:	25 in
Diameter:	7.5 in

Weight:

In Air:	69 lb
In Saltwater:	53 lb

Performance Data:

Stroke Length, Operating:	3.7 in
Stroke Length, Maximum:	4.7 in
Pull Force, Minimum:	1,000 lb @ 215 psi
Pull Force, Maximum:	12,350 lb @ 2,650 psi
Pull Force Rate:	4.66 lb/psi

Main Body Materials:

- 6061-T6 Aluminum
- Nickel Aluminum Bronze

Jaws Materials:

- AMPCO 45
- 17-4 pH Stainless Steel

