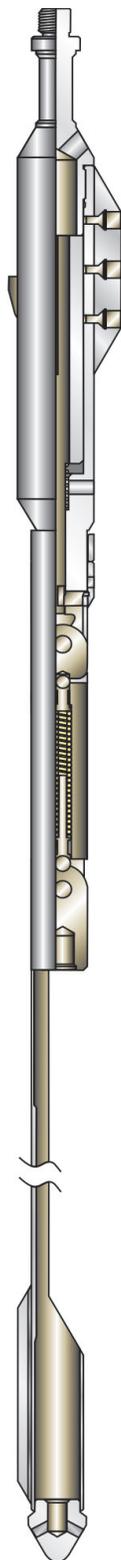


Kickover Tools



Kickover Tools

KOT Series Wireline Kickover Tools

Weatherford's McMurry-Macco® KOT series kickover tools are used to install and retrieve flow-control devices in side-pocket mandrels that have an integral orienting sleeve. KOT series tools are run into the well using standard wireline techniques. The orienting sleeve aligns the kickover tool above the side pocket, enabling precise installation or retrieval of flow-control devices for gas-lift, chemical-injection, and waterflood applications.

KOT series tools are also used to install or retrieve dummy valves, corrosion-monitoring coupon carriers, and other devices.

KOT series tools do not require pinning between runs during running and pulling procedures. When the tool is retrieved through the top of the side-pocket mandrel, the arm assembly is pushed back into position. This quick-recock feature greatly reduces wireline time by eliminating the need to remove the tool from the tool string for disassembly and repinning and also allows the operator several attempts to either set or retrieve a control device without pulling out of the well.

Applications

- **KOT** series kickover tools are used for precise installation of flow devices for gas-lift, chemical-injection, waterflood, corrosion-monitoring, and other applications.
- **KOT-1** tools are used to install 1-in. outside diameter (OD) devices in 2 3/8-, 2 7/8-, 3 1/2-, and 4 1/2-in. tubing.
- **KOT-2** tools are used to install 1 1/2-in. OD devices in 3 1/2-, 4 1/2-, 5 1/2-, and 7-in. tubing. (An 11 1/4-in. spacer bar is required for pulling operations.)

Features, Advantages and Benefits

- The quick-recock design expedites valve installation and allows several attempts to remove or install the valve without having to pull out of the well.
- Most KOT series tools can be adapted to accommodate a larger tubing size, saving the cost of additional tools and related parts.



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Specifications

Model	Valve OD (in./mm)	Assembly Number	Tubing OD (in.)
KOT-1	1.0 25.4	7012-XXX	2-3/8
			2 7/8
		7014-XXX	3 1/2
			4 1/2
KOT-2	1.5 38.1	7024-XXX	3-1/2
			4 1/2
		7028-XXX	5-1/2
		7029-XXX	7

Note: Kickover tools available for special tubing weights and heavy profile nipples.

Options

- A valve catcher is available with the tools to catch a valve dropped during running and pulling procedures.