

Camco™ 'OM' Series Kickover Tool Slickline Downhole Tools

Camco 'OM' series Kickover tools are used to install 1 ½" OD side pocket subsurface control devices into Camco side pocket mandrels fitted with an orienting sleeve, or to retrieve side pocket subsurface control devices as required. A running or pulling tool must be attached to these tools in order to perform the operation.

Especially suited to highly deviated wells, the OM Kickover tools consists of a fishing neck with a threaded pin connection on the upper end, a locating finger, kick springs, an arm assembly with a threaded box on the lower end for connection of running or pulling tools and an arm housing.

An upward movement of the tool in the side pocket mandrel will position the locating finger in the mandrel orientation sleeve and rotate the tool into alignment with the side pocket. An over-pull against the orienting sleeve will allow tool movement where the kick springs will become active, pivoting the arm and attached running/pulling tool directly above the side pocket. The arm housing protects the arm and attached devices during installation and retrieval.

A spacer bar is required when retrieving subsurface control devices. The tools do not incorporate a knuckle joint, but a knuckle joint is recommended to be run directly above the KOT tool.

The OM series of kickover tools includes the following models:

- **OM-5**
- **OM-2V**
- **OM-1-D**
- **OM-1**

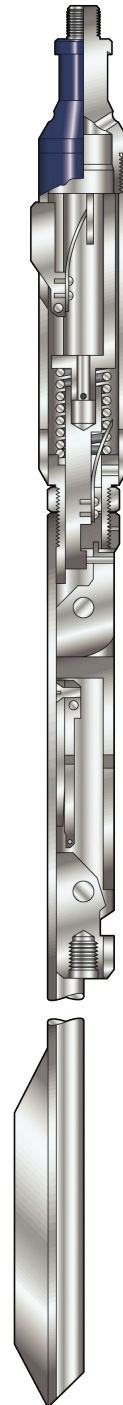
All these tools share the same basic features however some differences exist between different models as follows:

OM-5, OM-2V and **OM-1** tools can be re-pinned without disassembly and feature stainless steel arm assemblies.

The **OM-1** requires minimal disassembly to re-pin.

The **OM-2V** features a selective orienting system for use with mandrels that have two pockets.

Hunting 'OM' Series Kickover Tools are available with various connections to suit customer requirements





CAMCO OM SERIES KICKOVER TOOLS								
Nominal Size	Type	Assembly Number	Tubing ID**	Maximum Size OD	Connection on Tool	Fishing Neck	Pulling Tool to Retrieve***	Length
2.000"	OM-1	15298	1.945"	1.859"	15/16" 10	1.375"	15168	88.687"
2.500"	OM-5	15909	2.437"	2.250"	15/16" 10	1.375"	15168	94.720"
2.500"	OM-1	15299	2.437"	2.223"	15/16" 10	1.375"	15168	81.750"
3.000"	OM-5	15910	2.921"	2.531"	15/16" 10	1.375"	15168	80.875"
3.000"	OM-1	15296	2.921"	2.739"	15/16" 10	1.375"	15168	81.875"
3.000"	OM-2V	15919	2.921"	2.750"	15/16" 10	1.375"	15168	82.250"
4.000"	OM-1	15297	3.958"	3.723"	15/16" 10	1.375"	15168	82.000"
5.000"	OM-1	15268	4.283"	4.068"	15/16" 10	1.375"	15168	82.187"
5.500"	OM-1	13329	4.767"	4.250"	1 9/16" 10	2.312"	15172	78.125"
5.500"	OM-1S	13620	4.767"	4.250"	1 9/16" 10	2.312"	15172	78.125"
5.500"	OM-2V	15912	4.767"	4.375"	1 9/16" 10	2.312"	15172	72.562"
7.000"	OM-1	15239	6.151"	5.875"	1 9/16" 10	2.312"	15172	78.125"

Spares components are available. Please specify part and assembly part number or part number if known.

** Maximum ID for proper tool orientation *** For retrieval of OM Series Kickover

CAMCO OM SERIES KICKOVER TOOL SPACER BARS				
Assembly Number	Maximum Size OD	Length	Connection on Tool	Application
15819	1.500"	11.250"	15/16" 10	Spacer bar for pulling tool and OM Series Kickover Tool

Spares components are available. Please specify part and assembly part number or part number if known.