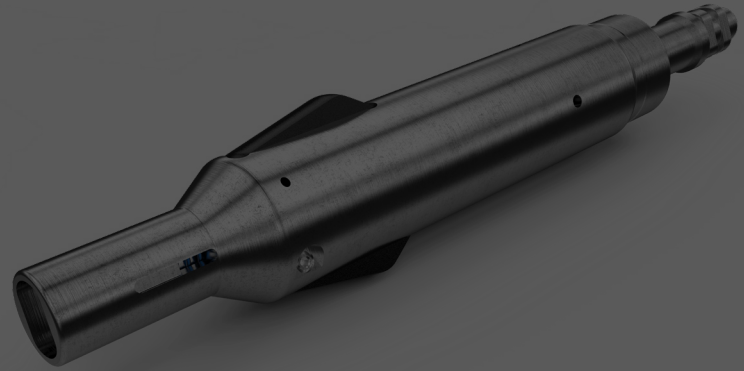


TUBING END LOCATOR



The Oilenco Tubing End Locator is an automatically re-setting locator device which permits the operator to make unlimited attempts at verifying the end of the tubing without having to recover the tools to surface for redress.

The 45 degree shoulders of the locator keys provide resistance to the passage of the toolstring which can be observed as an over-pull at surface by the winch operator.

"Re-setting locating device"

The value of this over-pull can be adjusted if desired by altering the setup of the latch trigger to meet downhole parameters.

PRODUCT FEATURES

- Automatically resets, no requirement for redress between tagging attempts
- Can be used to tag both top and bottom of broken tubing
- Collapse force of the locator keys can be adjusted to reduce the maximum required over-pull

Once the resistance value is overcome, the locator keys collapse and the toolstring passes back inside the end of the tubing. It is also possible to land the locator off on a lower break provided that the tool weight below the spang jar does not exceed the collapse force of the keys in the downward direction. This can be repeated as many times as necessary to verify consistent depths are being observed.

APPLICATIONS

The tubing end locator can be used as a tool to verify the end of the tubing without having to recover tools, as well as a depth correlation tool.

TUBING SIZES

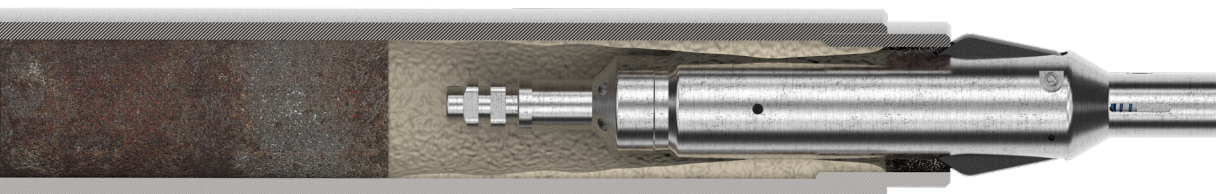
TUBING SIZE	BODY O/D	MAX. KEY O/D
2 3/8"	1.69"	2.37"
3 1/2"	2.28"	3.12"
4 1/2"	3.187"	4.16"
5"	3.687"	4.53"
5 1/2"	4.125"	5.125"
7"	5.500"	6.467"

MATERIAL SPECIFICATION

COMPONENT	MATERIAL
Top Sub	4145
Wiper Ring	PTFE
Compression Spring	302 SS
Key Housing	4145
Spring Ramp	4145
Locator Key	4145
Compression Spring	Inconel X750
Key Plate	EN8 or equivalent
Ball	Grade 100 hardened 52100 chrome steel ball bearings
Die Spring	High grade alloy spring steel (UNI 3545, DIN17221, DIN 17223) Cr - Si
Needle Roller	316 SS
Grub Screws	316 / 304

FURTHER INFORMATION

To speak to one of our engineers about your application, or to discuss the tubing end locator as a solution to meet your needs, call **+44 (0)1224 548700** or email **info@oilenco.com**.



Alternative options are available