

Flopetrol Rotary Cutter

Slickline Downhole Tools

A wireline cutter is required when a slickline or braided wireline must be cut in the well. The Flopetrol cutter is attached over the wire, dropped from surface, cutting the wire and retrieving the wire and cutter.

The Standard cutter is run as a standalone tool. When the cutter nose strikes the rope socket of the stuck tool, the impact shears a pin, cutting the wire by a rotational knife. A taper key is simultaneously wedged against the wire to recover the cutter.

The Interface version requires a Go-Devil weight to be dropped after the cutter to create the shear force impact.

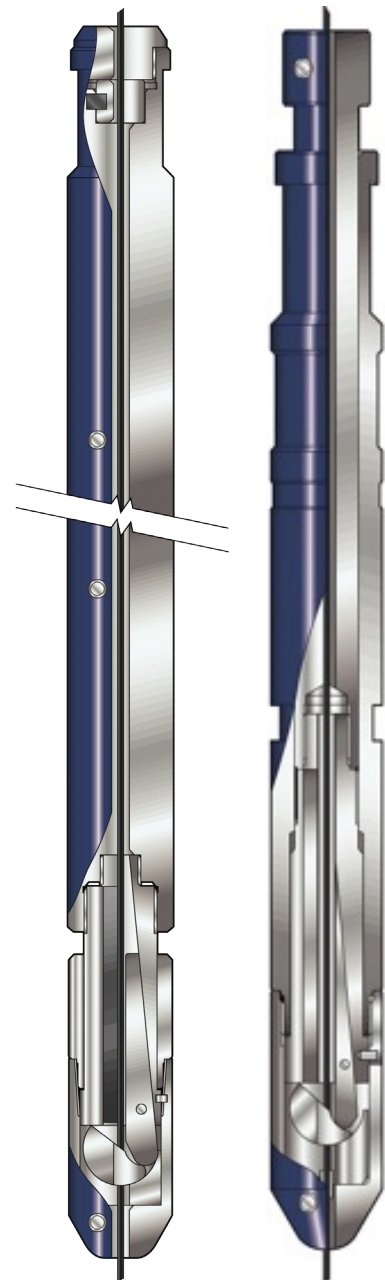
The Flopetrol wireline cutter can be supplied in either Standard or Interface models to sever slickline or braided cables.

The Flopetrol cable cutter has the following advantages:

- No risk of accidental cutting at an interface
- Will not cut against the tubing
- A clean cut by shearing is obtained even with regular use over a long period, due to the special knife shape wire is cut short near to the rope socket: 1 in (25 mm) for the Slickline model, 2 in (50mm) for the braided line model cutting force is provided by the cutter's own momentum rather than an
- Wire cutting and retrieval of the wire and cutter are carried out in one operation.

Slickline Part Number - M-802709

Braided Line Part Number - M-802721



**FLOPETROL ROTARY WIRELINE CUTTERS - SPECIFICATIONS**

Cable Cutter Version	Slickline 1 1/2" Standard and Interface		Slickline and Stranded 1 7/8" Standard and Interface	
Assembly Number	M-802709		M-802721	
Capacity	0.072" - 0.108"		0.092" - 0.250"	
Maximum OD	1.46" (37 mm)		1.87" (47.6 mm)	
Length 'L1'	26 1/2" (672 mm) With Hammer	11 1/4" (287 mm) Without Go-devil	52 7/8" (1342 mm) With Hammer	16 5/8" (422 mm) Without Go-devil
Go-devil Length 'L2'	-	23 5/8" (600 mm)	-	47 1/4" (1200 mm)
Weight	10.5 lbm (4.8 kg) With Hammer	4.5 lbm (2.1 kg) Without Go-devil	32.5 lbm (14.8 kg) With Hammer	9.5 lbm (4.3 kg) Without Go-devil
Go-devil Weight	-	9.5 lbm (4.3 kg)	-	29.5 lbm (13.3 kg)
Remark	The line is cut 1" from the Rope Socket		The line is cut 2" from the Rope Socket	

FLOPETROL ROTARY WIRELINE CUTTERS - SPARE PARTS

Ref.	Description	Slickline 1 1/2" M-802709	Slickline 1 7/8" M-802721
1*	Fishing Head	M-802700	M-802710
2*	Fixed Knife	M-802699	M-802716
3*	Rotating Knife	M-802704	M-802712
4*	Tapered Key for 0.072"	M-802804	-
4*	Tapered Key for 0.082"	M-802705	-
4*	Tapered Key for 0.092"	M-802805	M-819278
4*	Tapered Key for 0.102"	M-812423	M-812278
4*	Tapered Key for 0.105"	M-813070	M-819277
4*	Tapered Key for 0.108"	M-813980	M-819277
4*	Tapered Key for 0.125"	-	M-873365
4*	Tapered Key for 3/16"	-	M-802711
4*	Tapered Key for 7/32"	-	M-802801
4*	Tapered Key for 1/4"	-	M-802802
5	Shear Pin 1/8" Brass	G-823998	-
5	Shear Pin 3/16 Brass	-	G-823556
6*	Parallel Key	M-802702	M-802717
7*	Long Sinker Bar	M-802708	M-802719
8*	Plug	M-802698	M-802718
9*	Hammer	M-802701	M-802715
10	Wireline Guide	M-801121	M-800832
11	Hammer Retainer	M-802706	M-802714
12	Short Sinker Bar	M-802707	M-802720
13	Extension Piece	M-802703	M-802713
14	Screw HC M5 x 0.8" - 10 (Quantity 4)	G-820401	-
15	Screw HC M8 x 125" - 12 (Quantity 4)	-	M-824867