

THE BROWNING ON-OFF TOOL

Automatic Latch ON and OFF TOOL

The original automatic latch on and off tool is available to you from its inventors. One of the most versatile subsurface pump accessories in the oilfield, this tool's applications will save the producer time and money. Its primary use is with pumps with plunger diameter larger than the drift of the tubing string. (The tool should be sized with the pump bore rather than the tubing drift).

In the field, the Browning automatic latch On/Off Tool has been adapted to many other uses, including serving as insurance against stripping jobs caused by sanded up or gypped up pumps. It can also be used to fish rods without unseating the pump, greatly reducing time in getting the well back on production. In bad paraffin wells, this tool will enable you to get off the pump, pull rods, scrape paraffin, and then automatically lock back on the pump to get back on production.

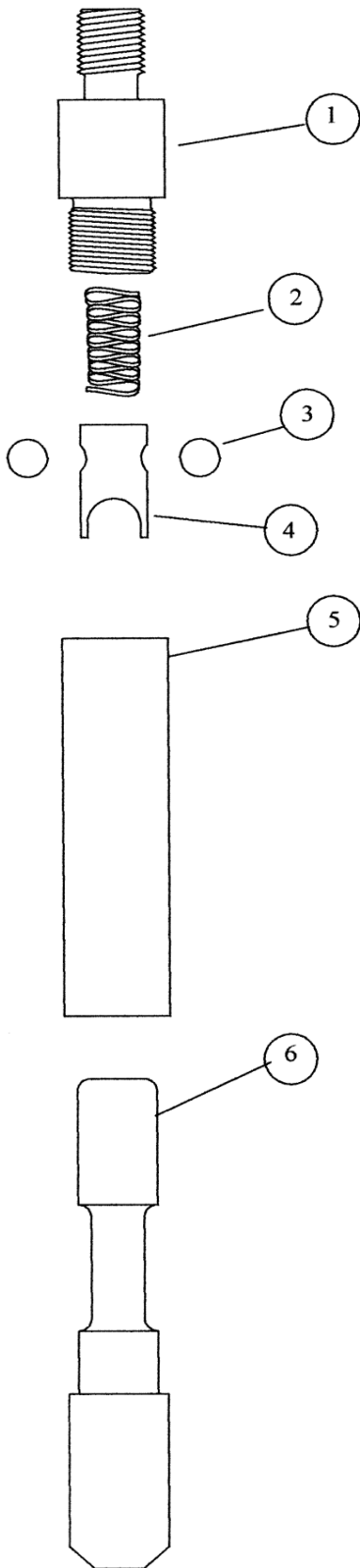
The Browning automatic latch On/Off Tool can be used easily and efficiently. To latch/lock on, it is necessary only to lower the rods. The tool automatically aligns itself to the latching position and the weight of the rod string automatically locks the tool.

It is just as quick an operation to get off the tool. Simply set the pump or plunger either on the top or bottom of the stroke and turn the rods to the RIGHT. (LEFT hand tools available on special order).

The Browning automatic latch on/off tool is available in alloy steel, alloy steel nickel plated, or stainless steel and inconel materials.

This and other production equipment are available from Browning Oil Tools, Inc. through oilfield supply stores and pump shops of your choice.

On-Off Tools - Model TK



Item	Description	Required	Part No.
	Complete Assy TK-90 1.620" OD		TK-90
1	Top Bushing - Specify Thread Size	1	TK-91
2	Spring	1	TK-102
3	Guide Balls	2	TK-94
4	Locking Pawl - Specify Left or Right	1	TK-93
5	Body	1	TK-95
6	Bottom Latch - Specify Thread Size	1	TK-96

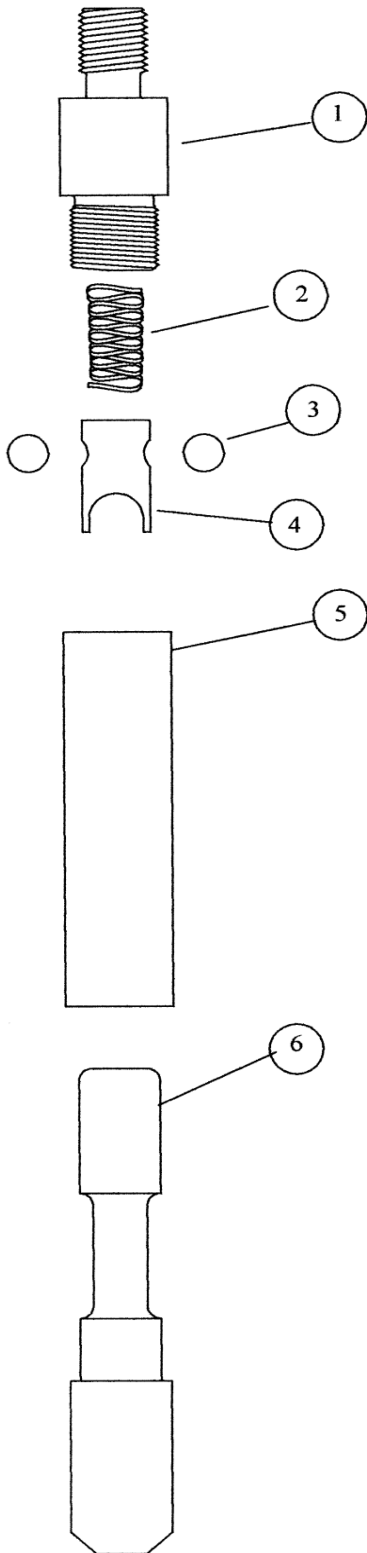
Item	Description	Required	Part No.
	Complete Assy TK-100 1.800" OD		TK-100
1	Top Bushing - Specify Thread Size	1	TK-101
2	Spring	1	TK-102
3	Guide Balls	2	TK-104
4	Locking Pawl - Specify Left or Right	1	TK-103
5	Body	1	TK-105
6	Bottom Latch - Specify Thread Size	1	TK-106

Item	Description	Required	Part No.
	Complete Assy TK-110 2.225" OD		TK-110
1	Top Bushing - Specify Thread Size	1	TK-111
2	Spring	1	TK-102
3	Guide Balls	2	TK-114
4	Locking Pawl - Specify Left or Right	1	TK-113
5	Body	1	TK-115
6	Bottom Latch - Specify Thread Size	1	TK-116

Item	Description	Required	Part No.
	Complete Assy TK-120 2.312" OD		TK-120
1	Top Bushing - Specify Thread Size	1	TK-121
2	Spring	1	TK-102
3	Guide Balls	2	TK-124
4	Locking Pawl - Specify Left or Right	1	TK-123
5	Body	1	TK-125
6	Bottom Latch - Specify Thread Size	1	TK-126

Item	Description	Required	Part No.
	Complete Assy TK-130 2.740" OD		TK-130
1	Top Bushing - Specify Thread Size	1	TK-131
2	Spring	1	TK-132
3	Guide Balls	2	TK-134
4	Locking Pawl - Specify Left or Right	1	TK-133
5	Body	1	TK-135
6	Bottom Latch - Specify Thread Size	1	TK-136

On-Off Tools - Model TM (MAGNUM)



Item	Description	Required	Part No.
	Complete Assy TM-100 1.800" OD		TM-100
	W/Inconel Latch		TMI-100
1	Top Bushing - Specify Thread Size	1	TM-101
2	Spring	1	TM-102
3	Guide Balls	2	TM-104
4	Locking Pawl - Specify Left or Right	1	TK-103
5	Body	1	TM-105
6	Bottom Latch - Specify Thread Size	1	TM-106

Item	Description	Required	Part No.
	Complete Assy TM-120 2.312" OD		TM-120
	W/Inconel Latch		TMI-120
1	Top Bushing - Specify Thread Size	1	TK-121
2	Spring	1	TM-102
3	Guide Balls	2	TM-124
4	Locking Pawl - Specify Left or Right	1	TK-123
5	Body	1	TM-125
6	Bottom Latch - Specify Thread Size	1	TM-126

Item	Description	Required	Part No.
	Complete Assy TM-130 2.740" OD		TM-130
	Nickel Plated TM-130 w/Inconel Latch		NTMI-130
1	Top Bushing - Specify Thread Size	1	TK-131
2	Spring	1	TM-132
3	Guide Balls	2	TM-134
4	Locking Pawl - Specify Left or Right	1	TK-133
5	Body	1	TM-135
6	Bottom Latch - Specify Thread Size	1	TM-136

On-Off Tools - Model TMX 120 (XH-MAGNUM)

Item	Description	Required	Part No.
	Complete Assy TMX-120 2.312" OD		TMX-120
	Nickel Plated TMX-120		NTMX-120
1	Top Bushing - Specify Thread Size	1	TMX-121
2	Spring	1	TM-102
3	Guide Balls	2	TK-114
4	Locking Pawl - Specify Left or Right	1	TK-113
5	Body	1	TMX-125
6	Bottom Latch - Specify Thread Size	1	TMX-126