



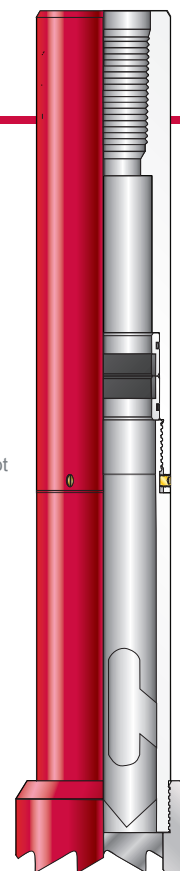
T-2 On-Off Tool

Weatherford's T-2 on-off tool enables the tubing string to be disconnected above a packer for zonal isolation, tubing retrieval, and temporary zone abandonment. The tool contains an internal lock profile for landing a wireline plug to provide zonal isolation below the packer.

The tool has two basic components: the overshot mounted on the tubing string and the stinger mounted on the packer. The overshot disengages with either a standard left release or an optional right quarter-turn release. The washover shoe on the overshot cuts through debris, allowing for easy engagement of the stinger. The seals in the tool are retrieved with the overshot to enable redressing at the surface.

Available with all common wireline profiles, the stinger works with industry-standard blanking plugs, standing valves, and regulators.

Overshot



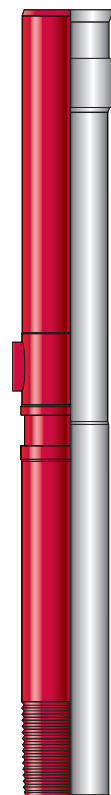
Applications

- Mechanical-, hydraulic-, or wireline-set packer completions
- Zonal isolation above the packer
- Temporary abandonment of lower zones
- Tubing retrieval without disturbing the packer

Features, Advantages and Benefits

- The tool enables the packer to be used as a bridge plug for zonal isolation or the temporary abandonment of lower zones to save rig costs.
- The tool can be full-pressure tested at the surface to save rig time.
- If specified at time of order, the tool can be pinned in a shear-up or shear-down position, providing compatibility with the packer setting and retrieving style.
- The standard left or optional right quarter-turn release provides simple operation on the rig.
- Bonded seals enable multiple disconnections without costly retrieval.
- The rugged, dependable design enables tubing retrieval without disturbing the packer.
- The washover shoe cuts through debris to release stuck equipment in the wellbore.

Stinger





T-2 On-Off Tool

Specifications

Overshot

Casing (in./mm)	Washover Shoe OD (in./mm)	Standard Tubing Connection (in.)	Release Direction	Product	
				Overshot	Overshot 10K
3-1/2 88.9	2.775 70.49	1.9 HYDCS ^a	Left	510-35-002	—
		1-1/2 EUE ^b 10 RD ^c		510-35-000	
4-1/2 114.3	3.750 95.25	2-3/8 EUE 8 RD	Left	—	512-45-010
				512-45-0HNBR	512-45-011
				512-45-000	—
5-1/2 139.7	4.516 114.71	2-3/8 EUE 8 RD	Left	512-55-000	—
			Right	—	512-55-010
			Left		512-55-011
7 177.8	5.875 149.23	2-7/8 EUE 8 RD	Left	512-70-00HSN	—
		2-3/8 EUE 8 RD		512-71-000	
		2-7/8 EUE 8 RD		—	512-71-010
				512-70-0HNBR	512-70-010
		3-1/2 EUE 8 RD	Right	512-70-005	—
				512-73-0NB	
7-5/8 193.7	6.391 162.33	2-7/8 EUE 8 RD	Left	512-75-000	—
9-5/8 244.5	8.255 209.68	2-7/8 EUE 8 RD	Left	512-95-000	—
	8.265 209.93	4-1/2 EUE 8 RD		510-96	

^aHydril Type CS joint

^bExternal upset end

^cRound



T-2 On-Off Tool

Specifications (continued)

Stinger

Standard Tubing Connection (in.)	Full Opening (in./mm)	Wireline Profile								Stinger
		WF (in./mm)	WR (in./mm)	WN (in./mm)	WX (in./mm)	WXN (in./mm)	VX (in./mm)	VF (in./mm)	VOR (in./mm)	
1.66 NU ^a 10 RD	1.250 31.75	—	—	—	—	—	—	—	—	510-35-701
	—	1.250 31.75	—	—	—	—	—	—	—	510-35-125SB
1.9 HYDCS	1.250 31.75	—	—	—	—	—	—	—	—	510-35-125HYD
2-3/8 EU ^b 8 RD	—	—	—	—	—	—	1.500 38.10	—	—	510-20-150X
	—	—	—	—	—	—		—	—	510-20-150XWL
	—	—	—	—	—	—	—	1.750 44.45	—	510-20-175FH
	—	—	—	—	—	—	—	1.781 45.24	—	510-20-178FWL
	—	1.781 45.24	—	—	—	—	—	—	—	510-20-181FWL
	—	1.780 45.21	—	—	—	—	—	—	—	510-20-178
	—	—	—	—	—	—	—	—	1.781 45.24	510-20-1781WL
	—	1.810 45.97	—	—	—	—	—	—	—	510-20-181SB
	—	—	1.810 45.97	—	—	—	—	—	—	510-20-181R
	—	1.810 45.97	—	—	—	—	—	—	—	510-20-181
	—	1.870 47.50	—	—	—	—	—	—	—	510-20-187
	—		—	—	—	—	—	—	—	510-20-187FWL
	—	—	—	—	1.870 47.50	—	—	—	—	510-20-187XWL
	—	—	—	—		—	—	—	—	510-20-187X99
	—	—	—	—	—	1.870 47.50	—	—	—	510-20-187XN
	—	—	—	—	—		—	—	—	510-20-187XNWL
	—	—	—	—	—	—	1.870 47.50	—	—	510-20-187XWLH
	—	—	—	1.875 47.63	—	—	—	—	—	510-20-187N
	2.000 50.80	—	—	—	—	—	—	—	—	510-20-712
		—	—	—	—	—	—	—	—	510-20-210WL

^aNonupset^bExternal upset



T-2 On-Off Tool

Specifications (continued)

Stinger

Standard Tubing Connection (in.)	Full Opening (in./mm)	Wireline Profile								Stinger
		WF (in./mm)	WR (in./mm)	WN (in./mm)	WX (in./mm)	WXN (in./mm)	VX (in./mm)	VF (in./mm)	VOR (in./mm)	
2-7/8 EU ^a 8 RD	—	1.430 36.32	—	—	—	—	—	—	—	510-25-143
	—	1.780 45.21	—	—	—	—	—	—	—	510-25-178
	—	—	—	—	—	—	—	1.870 47.50	—	510-25-187SB
	—	—	—	—	1.870 47.50	—	—	—	—	510-25-187XWL
	—	2.250 57.15	—	—	—	—	—	—	—	510-25-225FWL
	—		—	—	—	—	—	—	—	510-25-225
	—	—	—	—	—	—	—	2.301 58.45	—	510-25-231FWL
	—	—	—	—	2.301 58.45	—	—	—	—	510-25-231XSB
	—	2.301 58.45	—	—	—	—	—	—	—	510-25-231
	—	2.313 58.75	—	—	—	—	—	—	—	
	—	—	—	—	—	2.313 58.75	—	—	—	510-25-231XN
	—	—	—	—	2.313 58.75	—	—	—	—	510-25-231X
	—	—	—	—		—	—	—	—	510-25-231X99
	—	—	—	—		—	—	—	—	510-25-231XWL
	—	—	—	—		—	—	—	—	510-25-711
	2.500 63.50	—	—	—	—	—	—	—	—	510-25-715
		—	—	—	—	—	—	—	—	510-25-714
3-1/2 EU 8 RD	—	—	—	—	—	—	2.313 58.75	—	—	510-37-231NB
	3.000 76.20	—	—	—	—	—	—	—	—	510-35-715HT
		—	—	—	—	—	—	—	—	510-35-715
4-1/2 EU 8 RD	—	—	—	—	—	—	3.813 96.85	—	—	510-96-381X

^aExternal upset



T-2 On-Off Tool

Options

- The tool is available in a variety of materials.
- An optional right quarter-turn release is available for the overshot disengagement.
- The stinger is available with all common wireline profiles.

For Internal Use

Link to Endeca assembly part numbers:

[T-2 On-Off Tool - Overshot](#)

[T-2 On-Off Tool - Stinger](#)