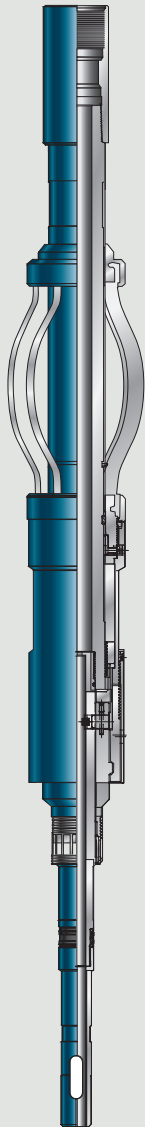HT

STSR MECHANICAL SETTING TOOL

Model STSR Mechanical Setting Tools are used to mechanically set STMR Sleeve-Valve Cement Retainers. This tool incorporates both a stinger seal and mechanical setting function. In addition, it has a built-in snap-latch, allowing the tool to be latched into the cement retainer with set-down weight and released with either upstrain or right-hand rotation. The sleeve-valve on the cement retainer is in the open position while being run in the well. When the setting procedure is completed, the sleeve-valve may be closed by picking up two inches at the tools or opened by slacking off two inches. The snap-latch feature allows the sleeve-valve to be shifted open or closed while the tubing is still anchored to the retainer. Normally the valve is run open so the tubing may fill; however, for pressure testing the tubing, while running, the valve can be run closed. Cement Retainers can be set and pressure tested in a single trip.

Features:

- Specially designed Bow Spring provides positive control and allows one size Mechanical Setting Tools to cover a large range of casing weight
- The Upper slips are held in a safe retracted position while running
- Allows users to set pressure test tubing, and squeeze in a single trip
- Can quickly be configured to set STMR Cement Retainers or STMB Bridge Plugs

SPECIFICATIONS

Part number	Casing OD (in)	Casing Wt (lbs/ft)	Retainer	Top thread
D22-0450-005	4 1/2	9.5-16.6	D22-0450-002	2 3/8"-8RD EU
	5	11.5-20.8	D22-0500-002	
D22-0550-105	5 1/2	13-23	D22-0550-002	2 7/8"-8RD EU
D22-0575-005	5 3/4	14-26	D22-0575-002	2 3/8"-8RD EU
D22-0662-005	6 5/8	17-32	D22-0662-002	2 7/8"-8RD EU
D22-0700-205	7	17-35	D22-0700-002	
D22-0762-005	7 5/8	20-39	D22-0762-002	
D22-0862-005	8 5/8	24-49	D22-0862-002	
D22-0962-005	9 5/8	29.3-58.4	D22-0962-002	
D22-1075-005	10 3/4	32.75-60.7	D22-1075-002	
D22-1176-005	11 3/4	38-60	D22-1176-002	
D22-1175-005	11 3/4	60-83	D22-1175-002	
D22-1337-005	13 3/8	48-80.7	D22-1337-002	
D22-1600-005	16	65-118	D22-1600-002	