

## SHIELD-SSR MECHANICAL SETTING TOOL

Model SSR Mechanical Setting Tools are used to mechanically set PCRM Sleeve Valve Cement Retainers. This tool incorporates both a stinger seal assembly 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 up strain 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. Another feature of the tool provides for running the sleeve valve either open or closed. 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.

## SPECIAL FEATURES

- Special designed Bow Spring provide 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 PCRM Cement Retainers or PBPM Bridge Plugs
- These tools can run standard Baker style plugs or retainer

CASING		TOOL OD (IN.)
OD (in.)	Wt (lbs/ft)	
4-1/2	9.5-15.1	3.59
5	11.5-20.8	
5-1/2	13.0-23.0	4.31
5-3/4	14.0-26.0	4.70
6 5/8	17.0-32.0	5.37
7	17.0-35.0	5.68
7 5/8	20.0-39.0	6.31
8 5/8	24.0-49.0	7.12
9 5/8	29.3-58.4	8.12
10-3/4	32.75-60.7	9.43
	38.0-60.0	10.43
11-3/4	60.0-83.0	9.94
	48.0-80.7	11.88
13 3/8	65.0-118.0	14.12
20	94.0-113.0	18.37

