

Mechanical Cement Retainer Setting Tool

Bridge Plugs & Retainers

The Mechanical Cement Retainer Setting Tool is used to run, set, and operate a cement retainer (with mechanical slips) using tubing or drill pipe.

Setting Procedure

The retainer and Mechanical Cement Retainer Setting Tool are run to depth using tubing or drill pipe. At depth, the top slips of the retainer are set with right-hand rotation. Setting is then completed with tubing tension. At this point the tubing may be pressure tested. Right-hand rotation is used to disengage the setting tool from the retainer. Once disengaged, the Mechanical Cement Retainer Setting Tool operates as a Snap Latch Seal Assembly to operate the valve system in the retainer.

Mechanical Cement Retainer Setting Tool		
Casing O.D.	Thread Connection	Connection
in	mm	in
mm	mm	daN
4-1/2	2-3/8 EUE	20,000
114.3		
5		
127.0	60.30	8,900
5-1/2		
139.7		
6-5/8	2-7/8 EUE	30,000
168.3		
7		
177.8	73.0	13,350
7-5/8		
193.7		
8-5/8		
219.1		
9-5/8		
244.5		

