

## MECHANICAL CEMENTING TOOL FOR MSC



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CEMENTING TOOL  
FOR MSC

### APPLICATION

Mechanical Cementing Tool is specially designed to operate the MSC Stage Collar. It is used to provide stage cementing in conjunction with MSC, mechanically open-close the Stage Collar. After Cementing Tool is run in hole to the desired setting depth in front of MSC, the keys are latched in the MSC profile to open the circulation ports. When the needed volume of a cement slurry is pumped, the plug is landed inside the tool, circulation ports are mechanically closed and the Cementing Tool is pulled out of the hole.

- Casing / liner applications with stage cementing.
- Vertical, directional and horizontal wells.

### FEATURES AND BENEFITS

- External Packer can be also activated by Mechanical Cementing tool if required.
- Using of the Mechanical Cementing tool eliminates the need for stage collar drill out. Mechanical Cementing tool and wiper plugs are fully POOH after cementing is finished.
- Mechanical Cementing Tool is a rental equipment which can be used several times with maintenance after each RIH.
- The tool withstands high tensile loads.
- The tool withstands high differential pressure.

### SUPPLY PACKAGE

- Mechanical Cementing Tool for MSC.
- Dropping ball.
- Wiper plug.

### TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE
Max. OD of the body, in	5.984
Outer diameter of the caps, in	6.457
Max. OD (keys), in	6.535
Min ID, in	0.787
Length, ft	7.5
Weight, lbs	302
Burst, psi	5,000
Tensile, kip	112
Compression, kip	56
Max. torque, ft-lbs	11,023
Max. working temperature, °F	248
Material*	P-110
Sealings material	Hydrogenated nitrile

\* Other options are available as per Customer request.