

## 2" Cement Support Tool - MK2 Hole / casing ID 7" – 16"

Part no: 720-20-01

Rev. 02.18

The Cement Support Tool (CST) is designed to be pumped through long work strings and when exiting, fills the open / cased hole to support the off-bottom cement plug.

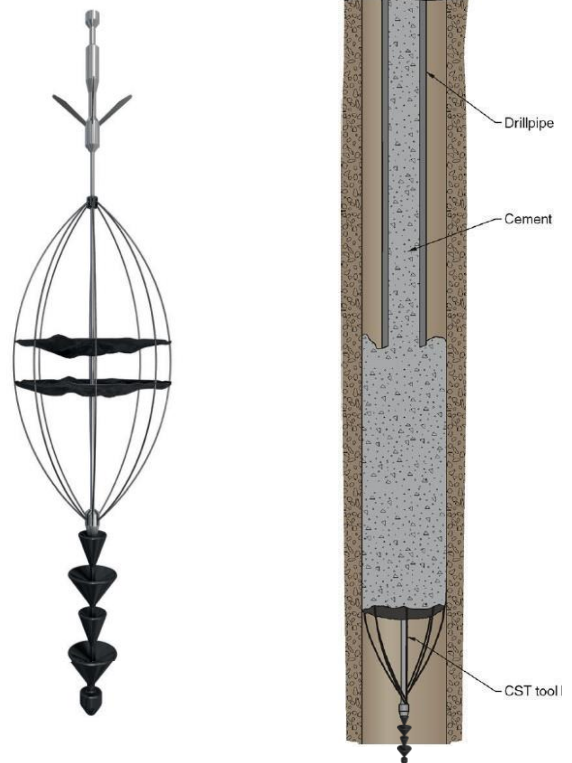
### Description

Cement plugs are set in wells for a variety of reasons. Industry challenges has demonstrated that it is difficult to successfully set these cement plugs. The Cement Support Tool (CST) is designed to be pumped through the work string before it expands and creates a support for the cement plug to rest on.

Average failure rate is reported to be approximately 50 % when not using a firm support to set the cement plug on. The CST will form this support and ensures that the cement plug is set with confidence. After the introduction of the CST in 2002, more than 2500 units has been run globally with a success rate above 95%.

### Features

- Drillable
- No rental tools
- Supplied ready to run
- No training necessary
- No additional personnel
- Helicopter transportable
- No preparations necessary
- The darts reduce contamination
- Multiple cement plugs can be set with multiple CSTs in only one trip



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Temperature rating	180° C	350° F
Tool OD	46 mm	1.81"
Insertion ID*	90 mm	3.5"
Minimum work string ID	50 mm	2"
Maximum work string ID	127 mm	5"
Hole / casing diameter range	178 - 400 mm ID	7" - 16" ID
Maximum equivalent pump rate	150 m / min	500 ft / min
Pump rate when CST exits pipe	50-75 m / min	150-250 ft / min
Dart info	2 x 127 mm 2 x 79 mm	2 x 5" 2 x 3.1"
Flange OD	195 mm	7.68"
Shipping dimensions	1.98 m x Ø 0.2 m	79" x Ø 8"
Shipping weight	10 kg	22 lbs
Drillable	Yes	

\* Insertion ID is recommended minimum work string ID for insertion of CST

### Options

2" CST - Brown

4" CST - Black

2 ½" CST - Green

2 ½" CST - Orange