

# CST 2" Slimline MK2 for max 5" ID pipe

Part no: 720-20-01

The CST is the only tool that can be pumped through a Drill Pipe for several thousand feet and after exiting the pipe, fill the open hole and be a support for an off bottom cement plug.

## Description

Proper support of the cement slurry when setting off bottom cement plugs is essential for success. With the CST™ this is no longer a concern, or time consuming. The CST has been successfully used since 2002 and after thousands of successful run; the CST demonstrates its success.

The MK2 of the CST are a one piece tool, with the dart mechanical connected to the bottom of the CST to ensure that the tools does not coming together while pumped downhole. After RIH with the drill string to the bottom of the planned cement plug. Simply load the dart & CST into the drill string and pump it through the drill pipe and it will create a support for the cement slurry.

## Features

- Helicopter transportable – CST is not classed as Hazardous Goods
- Supplied ready to run
- No rental tools involved
- No training required to run and operate
- Load the Dart and CST inside the pipe directly from the transport tube
- Placed at setting depth, after exiting the pipe, it will fold out and fill the hole
- The dart displaces the CST and helps prevent contamination in the pipe
- Multiple cement plugs can be set with multiple CST's with only one trip in the hole
- Drillable with rock bit

## Options

\* 2" M-10 \* CST 2 1/2" \* CST 4"

## Specifications

Temperature rating	180 C	350 F
Tool OD	46 mm	1.81"
Recommended minimum work string ID for insertion of the CST with minimal force	90 mm	3.50"
Min work string ID	50 mm	2"
Max work string ID	127 mm	5"
Hole or Casing diameter range	178 – 400 mm	7" – 16"
Max equivalent pump rate	150 m/min	500 ft/min
Rec. pump rate w/CST exit pipe	50 - 75 m/min	150 - 250 ft/min
Dart info	4 wings, combination of 127 and 79 mm.	4 wings, combination of 5" and 3.1"
Transport tube OD	54 mm	2.13"
CST assembly length	1900 mm	75.0"
Transport tube flange OD	195 mm	7.68"
Weight of a set of CST & dart	9 kg	20 lbs
Amount of mild steel	400 gram	14.1 oz
Amount of aluminum	652 gram	23,0 oz
Drillable	Yes*	Yes*

\* PDC bit not recommended

