



CX-SCS Single Circulation Sub



The heavy duty CX-SCS Single Circulating Subs is a simple and effective drop ball circulation sub.

The Single Circulation Subs are simple and reliably activated by dropping a chrome steel ball, which lands on a sleeve and as pressure increases, the pins in the sleeve are sheared. This shifts the ball seat and opens the ports, thus providing communication between the annulus and string for normal or reverse circulation.

The standard sub is pin by box, manufactured from a high grade 4145 alloy steel.

BENEFITS

- Robust, multi-function design
- Simple to operate, by dropping a ball from surface to activate
- Can be run in conjunction with other Coretrax Origin wellbore clean-up & Advance Drilling Tools
- Multiple subs can be run in a single BHA to increase operational flexibility
- Hydraulically activated
- High torque connections available
- Provides large annular flow area
- Multiple applications; loss curing, hole-cleaning, LCM spotting, reverse circulation, etc.



SPECIFICATIONS

	NC38	NC50 / XT54			
Tool OD	4.750"	6.50" - 6.85"			
Activation Ball Size (options)	1.750"	2.250"	2.125"	2.000"	1.750"
Tool ID	1.500"	2.000"		1.750"	1.625"
Port QTY & Size (options)	4 x 1.000"	4 x 1.00" / 6 x 0.625"			
Length of Tool	3.5 ft	3.5 ft			
TFA Through Tool (pre-activation)	1.767 in ²	3.14 in ²		2.41 in ²	2.07 in ²
TFA Through Ports (post-activation)	3.14 in ²	3.14 in ² / 1.84 in ²			
Working Pressure	10,000 psi	10,000 psi			
Make-up Torque	11,504 ft/lbs (NC38)	27,000 ft/lbs (NC50) / 45,000 ft/lbs (XT54)			
Tensile Strength	606,700 lbs	944,000 lbs			

Other sizes available on request.