

C-Series Top No-Go Lock

The C-series top no-go lock attaches to subsurface flow control devices to seal and anchor them in the tubing string.

APPLICATION

- Anchor and seal for subsurface control device in single or dual completions

BENEFITS

- Positive no-go location
- High-temperature service ratings

FEATURES

- Top no-go style lock
- External running and fishing neck
- Dependable ratchet or collet hold-down
- Field-proven design
- Available in various materials
- Choice of sealing systems

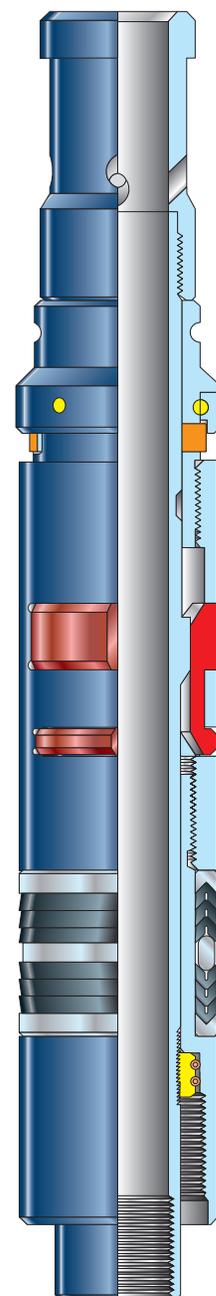
Designed for Schlumberger type D or DS nonselective no-go landing nipples, C-series locks are used in applications with differential pressures to 5,000 psi [34,475 kPa] above or below the lock assembly.

C-series locks include type C, CS, CC, and CSC locks. While these locks have the same basic design, the C and CS locks have a ratchet-locking assembly; and the CC and CSC locks have a collet-locking assembly. CS and CSC locks also have a slightly larger OD than C and CC locks. Each C-series lock features an external running and fishing neck that enables the use of most common types of running and pulling tools. Optional high-temperature packing for temperatures above 300°F [149°C] is available for the C-series locks.

DESCRIPTION AND OPERATION

When installing a C-series lock in the appropriate landing nipple, the lock and attached flow control device are attached to the appropriate D-series running tool and lowered into the tubing using standard slickline methods. The lock assembly is run until the no-go ring of the lock lands on the nipple no-go shoulder. Downward jarring moves the no-go ring upward and allows the lock expander tube to move down. The expander tube forces the locking dogs into the locking recess in the nipple to seal and anchor the assembly.

When removing the lock after pressure equalization of the flow control device, upward jarring with the appropriate J-series pulling tool unlocks the assembly and allows the lock to be pulled from the well.



C-Series Top No-Go Lock Specifications

Type	No-Go (in. [mm])	Packing OD [†] (in. [mm])	Min. Bore (in. [mm])	Fishing Neck (in. [mm])
C and CC	1.484 [37.7]	1.437 [36.5]	0.562 [14.3]	1.188 [30.2]
C and CC	1.606 [40.9]	1.562 [39.7]		
C and CC	1.859 [47.2]	1.812 [46.0]	0.875 [22.2]	1.375 [34.9]
CS and CSC	1.910 [48.5]	1.875 [47.6]		
C and CC	2.296 [58.3]	2.250 [57.2]	1.125 [28.6]	1.750 [44.5]
CS and CSC	2.345 [59.6]	2.312 [58.7]		
C	2.795 [71.0]	2.750 [69.9]	1.546 [39.3]	2.312 [58.7]
CC			1.531 [38.9]	
CS	2.856 [72.5]	2.812 [71.4]	1.546 [39.3]	
CSC			1.531 [38.9]	
CS	2.906 [73.8]	2.875 [73.0]	1.546 [39.3]	

[†] Other sizes are available on request. Contact your local Schlumberger representative.