FORDIA®







Fordia's OWL Self-Lock head assembly introduces a new patented latch design that comprises two self-locking and independent latches. Once they are engaged, the Self-Lock latches cannot be retracted as they are locked in position by a piston. Therefore, the OWL Self-Lock will never mislatch due to vibration, locking coupling wear, or any other phenomenon.

In addition, the latches are independent so there is no risk of mislatching caused by the tang of a locking coupling, as it is sometimes the case with other coring systems.

This system virtually eliminates mislatch possibilities, optimizing core recovery.

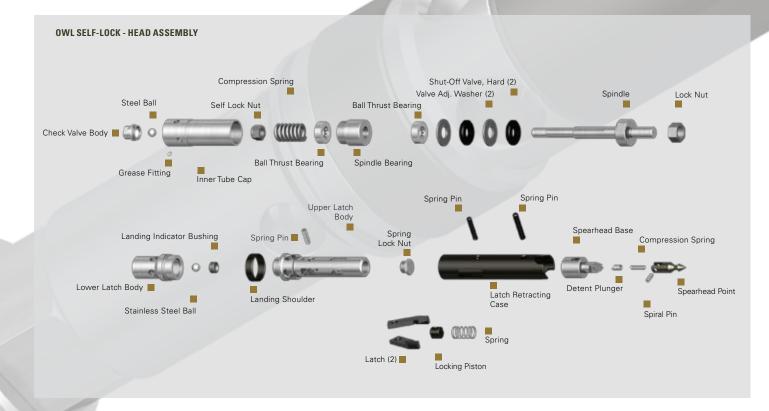
THE LATCHES

- Fully independent Self-Lock latches
- No spring between the latches
- Heat-treated latches made from high-resistance alloy steel

THE SYSTEM

- Less parts, less maintenance
- Minimized contact area between latches and rods for a reduced drag to increase descent speed
- Reduced risk of jamming tube in case inner tube is over filled

EXPLODED VIEW



TECHNICAL FEATURES & COMPARISON CHART

	OWL Self-Lock	OWL Standard
Knuckle-head	•	•
Three-piece latch body with reversible landing shoulder	• \//	•
Fully compatible with existing systems	•	•
Patented latch design	•	•
Fully independent Self-Lock latches		499
Extra-wide latches made from 4130 alloy steel	•	
Reduced risk of jamming tube		

CORE BARREL ASSEMBLY

	OWL Self-Lock		OWL Standard	
	5′	10′	5′	10′
BWL	10S-B10-001SL	10S-B10-002SL	10S-B10-001	10S-B10-002
NWL	10S-N10-001SL	10S-N10-002SL	10S-N10-001	10S-N10-002
HWL	10S-H10-001SL	10S-H10-002SL	10S-H10-001	10S-H10-002
BTW	10S-B13-001SL	10S-B13-002SL	10S-B13-001	10S-B13-002
NTW	10S-N13-001SL	10S-N13-002SL	10S-N13-001	10S-N13-002

HEAD ASSEMBLY

	OWL Self-Lock	OWL Standard	
BWL	10S-B10-005SL	10S-B10-005	
NWL	10S-N10-005SL	10S-N10-005	
HWL	10S-H10-005SL	10S-H10-005	
BTW	10S-B13-005SL	10S-B13-005	
NTW	10S-N13-005SL	10S-N13-005	



To get the core efficiently and successfully, start with Fordia's Outstanding Wire Line series (OWL). Every component is manufactured with the highest quality workmanship, and is designed to be fully interchangeable with the corresponding core barrels and parts of other manufacturers.

The OWL core barrel is available in B, N and H standard sizes. Fordia also offers custom-made products upon request.

- Knuckle-head for easier manipulation and less stress on the wireline
- Three-piece latch body with reversible landing shoulder for greater lifespan
- Easily adjustable to optimize space between core lifter case and drill bit
- Can be used for dry hole descent
- Fully interchangeable with other manufacturers' core barrels and parts

EXPLODED VIEW

