

**FORDIA®**



**OWL**

OUTSTANDING  
WIRE LINE





# OWL HEAD ASSEMBLY

## SELF-LOCK

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 mismatch due to vibration, locking coupling wear, or any other phenomenon.

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

This system virtually eliminates mismatch 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                     | ●             |              |
| 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

