

# Bowen™ Wide Catch Overshot

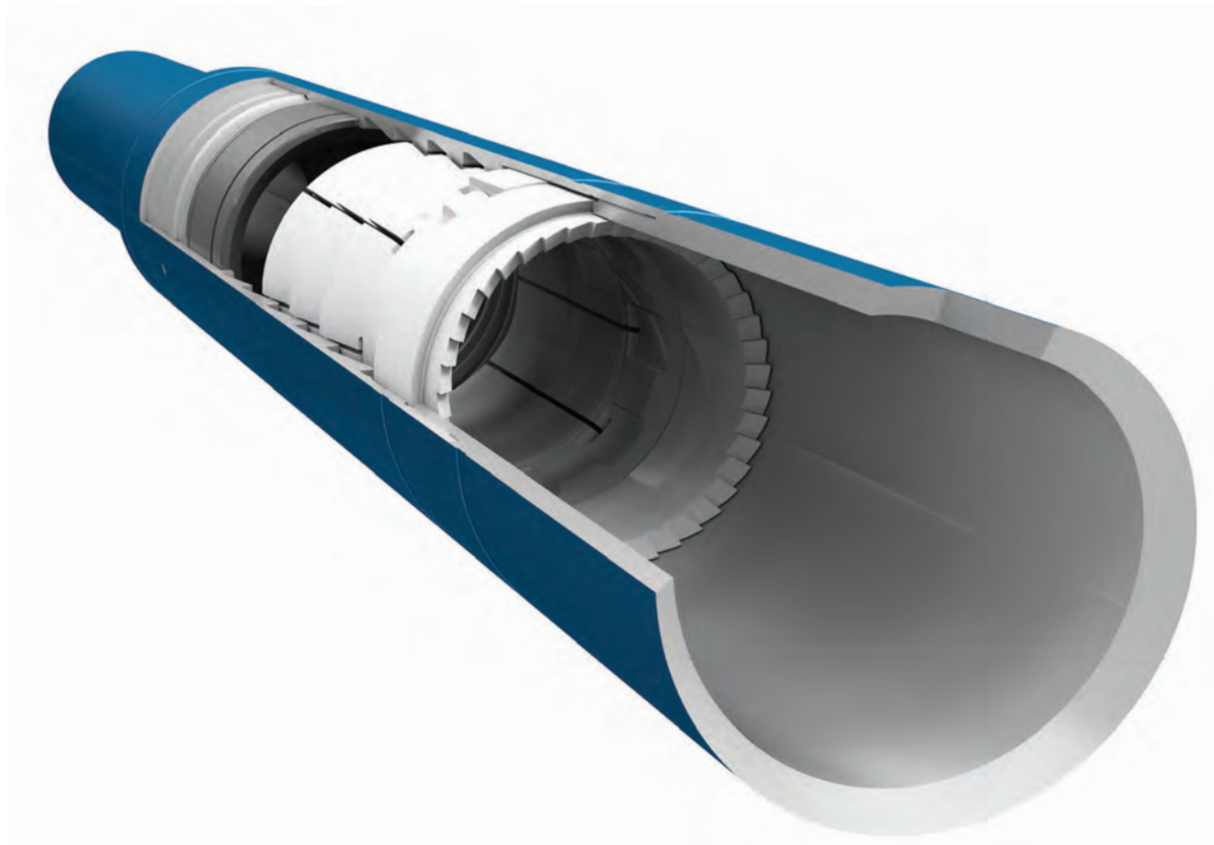


# *Bowen*<sup>™</sup> Fishing Tools: The Original Name in Fishing

*Bowen*<sup>™</sup> fishing tools set the standard for worldwide fishing operations with the creation of the first overshot, the Series 150, in 1935. NOV acquired the Bowen brand in 2000, and we continue to design and provide the world's most advanced fishing tool technology.



# Specifications



## Benefits

- **Extended Catch Range** – The catch range is up to four times greater than other overshots
- **Reduced Grapple Inventory** – Decreases storage space and reduces possible hazards
- **Efficient** – Reduces number of trips in hole and non-productive time (NPT)
- **Versatile** – Lower end connection is interchangeable with all existing guides, mill shoes and other fishing accessories
- **Fit-for-Purpose Sealing Options** – Available in high pressure and standard pressure
- **Increased I.D. of Top Sub and Extension Subs** - Accepts the maximum size of fish
- **18 in Fishing Neck** – Allows increased number of connection re-cuts
- **Set Screws** – Prevent connection back-off

## Technical Specifications

Tool size (OD)	4 1 <sup>1</sup> / <sub>16</sub> in	5 3 <sup>1</sup> / <sub>4</sub> in	8 1 <sup>1</sup> / <sub>8</sub> in	9 1 <sup>1</sup> / <sub>8</sub> in	11 3 <sup>1</sup> / <sub>4</sub> in
Catch range	1/4 in	5/16 in	5/16 in	5/16 in	1/2 in
Maximum catch size (spiral)	3 2 <sup>1</sup> / <sub>32</sub> in	4 3/4 in	7 in	8 in	10 1/8 in
Maximum catch size (basket)	3 1/16 in	4 1/8 in	6 1/4 in	7 1/4 in	9 in
Load capacity at yield points (Spiral grapple)	332,100 lbs	407,100 lbs	548,900 lbs	548,900 lbs	969,000 lbs
Load capacity at yield points (Basket grapple without stop)	290,900 lbs	407,100 lbs	512,300 lbs	512,300 lbs	950,200 lbs
Makeup torque (Tob sub/bowl)	5,200 ft-lbs	8,000 ft-lbs	17,800 ft-lbs	22,600 ft-lbs	39,600 ft-lbs
Makeup torque (Bowl/guide)	1,100 ft-lbs	1,400 ft-lbs	4,200 ft-lbs	6,000 ft-lbs	15,100 ft-lbs

## Innovative Technology

Our *Bowen™* Wide Catch overshoot has an extended catch range that's up to four times greater than any other overshoot on the market, reducing your number of trips.

With a rugged design, optimized features, and helix geometry, it is the modern solution for your fishing success.

The Wide Catch overshoot is the strongest tool available to externally engage, pack off and pull a fish that has been significantly worn. During a fishing operation, it withstands heavy pulling, torsional and jarring strains without damaging the tools or the fish. It significantly increases your ability to securely latch onto a fish that has an unknown or undersized OD.

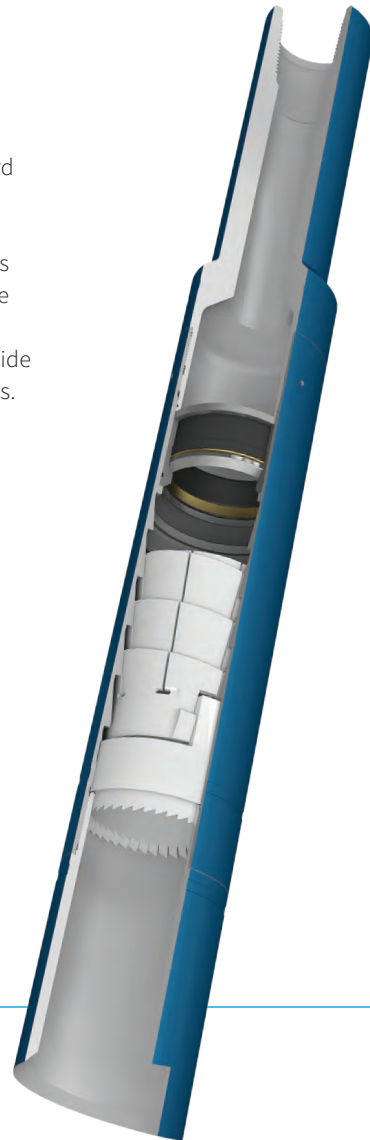
In addition to offering the extended catch range, the Wide Catch overshoot seals across very large extrusion gaps at both standard and high pressures and provides full circulation through the fish. New course threads at the connection between the top sub and bowl allow for quick assembly while maximizing the torsional and tensile strength. Optimizing these threads has also allowed us to increase the ID of the top/extension subs, enabling full passage of even the largest fish OD.

## A Proven Fishing Solution

The Wide Catch overshoot has an established record of success.

In numerous operations where standard overshoots were unsuccessful after several attempts, the Wide Catch overshoot recovered the entire drill string in one trip. The extended catch range enabled the Wide Catch overshoot to greatly reduce rig time and costs.

For more information on the *Bowen* Wide Catch overshoot, visit [nov.com/bowen](http://nov.com/bowen).



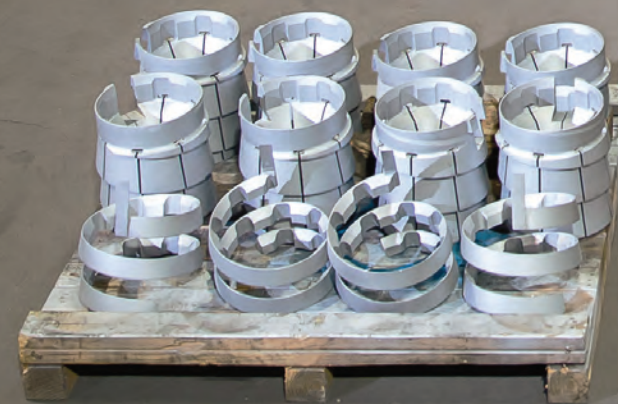
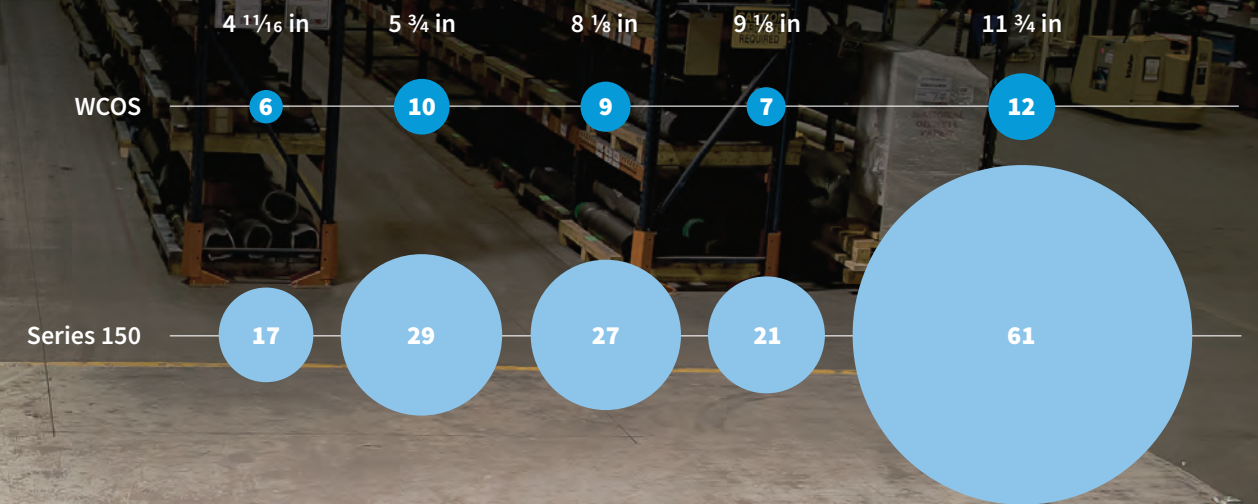
## Reduced Grapple Inventory

The Wide Catch overshoot can reduce your grapple inventory by more than

**75%**

A standard 11 3/4 in Series 150 overshoot can require as many as 60 grapples, but a Wide Catch overshoot of the same size requires only 12, saving you money on your upfront investment and saving premium deck space.

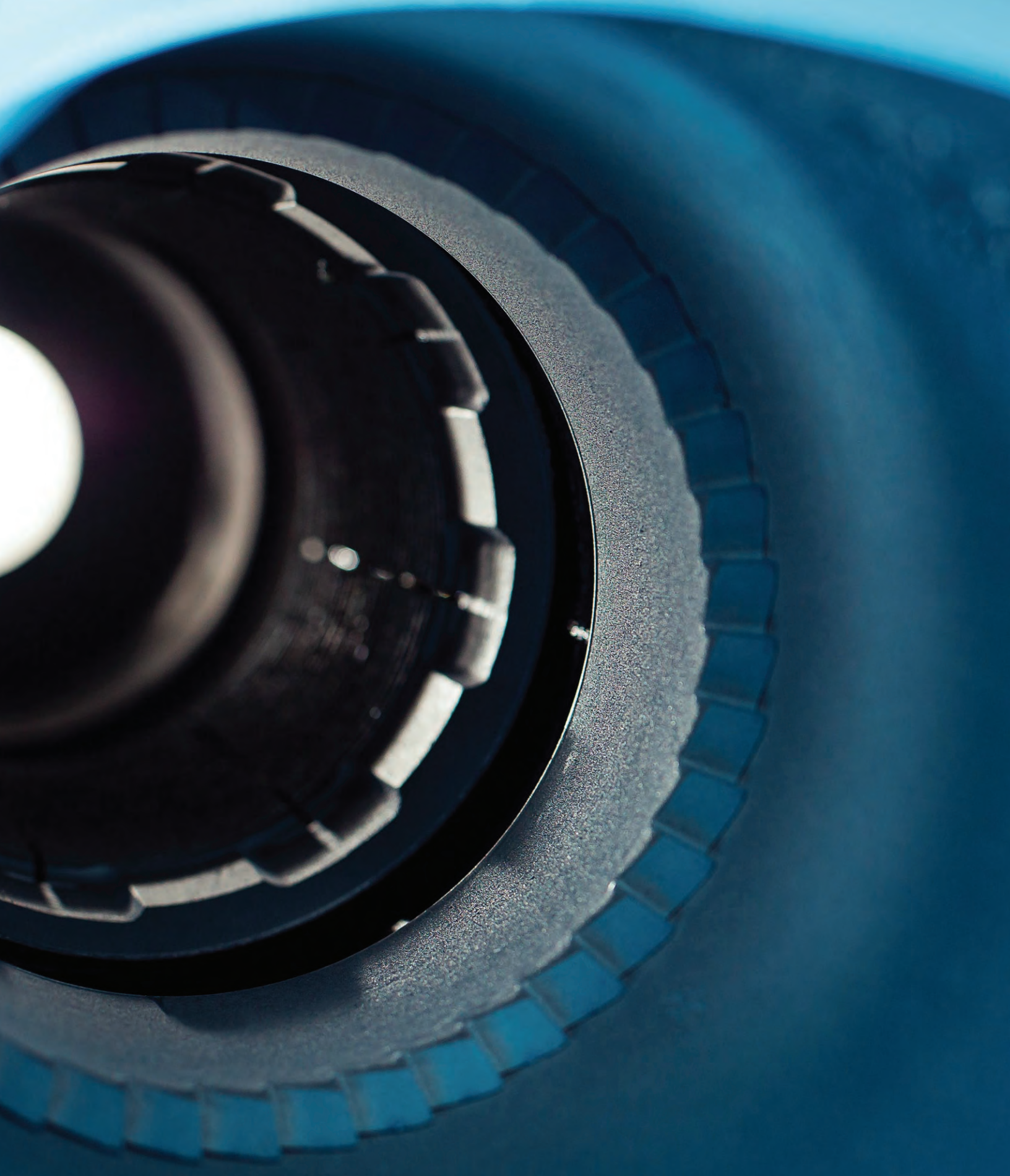
### Bowen Wide Catch Overshoot vs. Bowen Series 150 Overshoot Grapple Inventory Reduction



*Bowen* Wide Catch Overshoot Grapples



*Bowen* Series 150 Overshoot Grapples



## Reliability at Every Turn

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With the most experience and more than 150 service locations worldwide, we deliver the highest quality products, equipment, and support to meet the needs of your operation.

Each *Bowen*<sup>™</sup> Wide Catch overshoot includes tool and engineering support specific to your fishing job requirements. Our trained fishing personnel will provide the solutions and support you need to help you complete a successful fishing operation.

When our solutions arrive at your drill site, we want to deliver results—so you can.



Worldwide  
Locations

Our complete range of solutions for the bottom hole assembly and related equipment includes:

- *ReedHycalog*<sup>™</sup> Drill Bits
- Motor Technologies
- *Agitator*<sup>™</sup> Systems
- Drilling Tools
- Borehole Enlargement
- Coring Services
- *Bowen*<sup>™</sup> Fishing Tools
- Thru Tubing Tools
- Service Equipment
- Steerable Technologies

We take pride in delivering superior performance and reliability. Our objective is to become an integral part of our customers' strategies by providing solutions that exceed expectations while improving the economics of their operations.

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