

Bowen Super & Super II Jars

Unmatched impacts and reliability

Our engineers have taken field data and made ongoing updates to our Bowen™ jarring technologies to deliver the proven, reliable impact forces needed to free your fish.

Bowen™ Jars are straight-pull up jarring tools that employ a patented combination of proven principles of hydraulics and mechanics. These jars are simple to assemble and their unique design allows for easy, dependable operation. Our patented metering action provides operators with full control of the impact force, giving the ability to deliver a light or heavy blow. Successive blows can be struck as often as the operator can slack off and raise the running string.

Proper placement can affect your jar's performance by a factor of as much as four. Recognizing the importance and complexity of analyzing jarring mechanics, we developed our proprietary NOV Jar Placement Program.

To download the NOV Jar Placement Program, visit: tools.nov.com/JarPlacementProgram/



Bowen Super Fishing Jar

- Second generation technology
- Uses a cone and seal body metering system
- Hydrostatically balanced
- Improved coatings and metering design

Bowen Super II Fishing Jar

- Third generation technology
- Most robust design
- Mandrel with integral top sub
- Available with Jar Max technology (4¾ in. and 6¼ in. sizes only) — an over-pressure release mechanism, which prevents the tool from being over-pulled
- May be used for heavy milling and or short-term light drilling operations
- Improved coatings and metering design

Technical Data

Tool OD	2⅞ in.	3⅛ in.	3⅝ in.	3⅝ in.	3¾ in.	3¾ in.	3¾ in.
Tool ID	1 in.	1½ in.	1 in.	1 in.	1⅞ in.	1¼ in.	1½ in.
Type	Super II	Super II	Super	Super II	Super	Super	Super
Part no.	504789	500635	72888	153283	147902	145737	146544
Connection	2⅞ in. PAC	2⅞ in. PAC, 2⅞ in. EUE	2⅞ in. REG	2⅞ in. REG	2⅞ in. EUE	2⅞ in. REG	2⅞ in. IF
Max jarring load	37,500 lbs	35,000 lbs	59,000 lbs	59,000 lbs	48,000 lbs	78,000 lbs	66,000 lbs
Max lift after jarring	200,000 lbs	195,000 lbs	240,000 lbs	257,000 lbs	258,000 lbs	324,000 lbs	306,000 lbs
Total stroke	10¼ in.	11¾ in.	11¾ in.	11¾ in.	10 in.	11 in.	10 in.
Max torque at yield	5,000 ft-lb	4,300 ft-lb	3,280 ft-lb	5,630 ft-lb	4,520 ft-lb	5,000 ft-lb	4,800 ft-lb

Jar System Comparison

The Bowen™ jarring system provides greater impacts than other jarring systems in the industry.

In order to increase efficiency and reliability, we have updated the metering device and coatings in our jarring system. With these recent updates, comparison testing shows our design outperforms select competitor technology across the board.

When lower trip forces are an issue due to drag or string weight considerations, we can convert 6–7 times the trip value into impact compared to the 1½ times conversion of our leading competitor. When the rig and the workstring allow, our improved metering system ensures you can achieve the desired overpull with no bleed through or premature jar firing.

more than
2X
the impact force

