



STEP UP THE PACE
DOWNHOLE

WWW.SOUTHERNDOWNHOLEMILLS.COM

THERE IS NO SUBSTITUTE FOR FIELD EXPERIENCE.

NOT GRADUATE DEGREES. NOT JOB TITLES. NOT CONNECTIONS, CORPORATE AFFILIATIONS OR EVEN TECHNOLOGY. WHEN IT COMES TO CLEARING OBSTRUCTIONS QUICKLY WHEN THE PRESSURE IS ON, HANDS-ON OPERATIONAL EXPERIENCE IS EVERYTHING. AND WE'RE HERE TO HELP.

Our team understands the applications, complexities, variety, consequences and sheer frustration at hand with fishing work. We consult with fishing experts and the seemingly limitless variety of specialized tools they need every day. That's why we're better equipped to give you what you need. Armed with in-depth experience, we can help accelerate recovery times and bring more confidence to any situation.

HELP OPERATORS STAY THE COURSE AND MINIMIZE NPT WITH SOUTHERN DOWNHOLE MILLS' EXTENSIVE SELECTION OF MILLS. ALL SOUTHERN DOWNHOLE MILLS ARE MADE FROM HIGH-QUALITY 4140-45HT, 110KSI WITH FULL TRACEABILITY AND CLEAR INSPECTION BY SPECIALIZED EXPERTS.



TOOTH TYPE/JUNK MILL

- ▶ This combo junk and cement mill lets you mill away stuck fish you just can't get with conventional tools. Also used to dress off downhole tools including packers, bridge plugs, tubing and similar objects. Available in a variety of tooth and blade configurations.

SIZE RANGE: 3-1/8" O.D. to 26.0"

DRESSING: Crushed Tungsten Carbide
Smooth O.D. or Rough/Open Hole O.D.

CONNECTIONS: 2-3/8" Regular to 7-5/8" Regular Pin Up



▶ CONCAVE OR CONEBUSTER

Deploy this mill when it's important to keep junk such as bit cones centered in the hole during milling operations.

SIZE RANGE: 3-1/8" O.D. to 35" O.D.

DRESSING: Crushed Tungsten Carbide
Smooth O.D. or Rough/Open Hole O.D.

CONNECTIONS: 2-3/8" Regular to 7-5/8" Regular Pin
Connection Up



▶ WATERMELON/STRING MILL

Tapered top and bottom to allow reaming both up and down, this specialized tool lets you mill through collapsed casing and liners like a champ. A bottom-side connection allows you to run a stinger below.

SIZE RANGE: 3-3/4" O.D. to 30.0" O.D.

DRESSING: Crushed Tungsten Carbide
Smooth O.D. or Rough/Open Hole O.D.
Dressed to Run Pin Connection Down

CONNECTIONS: 2-3/8" regular to 7-5/8" regular also
3-1/2" I.F. to 4-1/2" I.F.
Box by Pin Connections



▶ LONG TAPERED MILL

Used when milling through collapsed casing, tight spots or other downhole obstructions including liner tops and whipstock windows. This tool can also be run as a pilot in section milling ops.

SIZE RANGE: 3-3/8" O.D. to 22.0" O.D.

DRESSING: Crushed Tungsten Carbide
Offered in Smooth O.D. and
Rough/Open hole O.D.

CONNECTIONS: 2-3/8" Regular to 7-5/8" Regular
Pin Connection Up

▶ PIRANHA MILL

This aggressive mill is used for milling already cemented pipe, and anywhere there are large amounts of junk demanding a mill that operates with max life and circulation.

SIZE RANGE: 3-1/4" O.D. to 26" O.D.

DRESSING: Crushed Tungsten Carbide
Smooth O.D. or Rough/Open Hole O.D.

CONNECTIONS: 2-3/8" Regular to 6-5/8" Regular Pin
Connection Up

▶ DEEP THROAT CEMENT MILL

Designed for maximum speed and circulation, the three-blade Deep Throat Cement Mill is used when milling cement with smaller bits of debris.

SIZE RANGE: 3-1/2" O.D. to 10-5/8" O.D.

DRESSING: Crushed Tungsten Carbide
Smooth O.D. or Rough/Open Hole O.D.

CONNECTIONS: 2-3/8" Regular to 7-5/8" Regular Pin
Connection Up

▶ SOUTHERN PILOT MILL

With interchangeable blades you can swap without welding, the Southern minimizes downtime and lets you push forward. This is your mill for casing that can't be pulled.

SIZE RANGE: Cuts 6-1/2" Casing to 21-1/2" Casing

DRESSING: 6 sided Carbide Inserts

CONNECTIONS: 2-3/8" Regular to 6-5/8" Regular Pin
Connection Up



OTHER FISHING-RELATED TOOLS BY

SIZE RANGE:	3-1/8" O.D. to 26.0"
DRESSING:	Crushed Tungsten Carbide Smooth O.D. or Rough/Open Hole O.D.
MAGNET O.D. OF TOOL CONNECTIONS BOX BY PIN:	3-1/4" & 3-1/2" O.D. TOOL W/ 2-3/8" REGULAR BOX BY PIN 4-3/4" TO 5" O.D. TOOL W/ 3-1/2" I.F. BOX BY PIN 6-1/2" TO 7" O.D. TOOL 4-1/2" I.F. BOX BY PIN 8" O.D. TOOL 6-5/8" REGULAR BOX BY PIN

We offer, wide range of Repair services on customer owned tools, welding/dressing of new tools, wide range of fab welding services.



▶ **GET WHAT YOU REALLY NEED.**

Our experts can advise you on the best tool for your specific problem, and even suggest refinements and innovations regarding tool design.

▶ **KNOW EVERYTHING WILL WORK**

Southern Downhole Mills maintains and repairs its tools the right way, insists on demanding quality protocols and performs precision work for bulletproof assurance.

▶ **REACH SOMEONE WHEN NEEDED**

The well won't wait. That's why our team stays available and responsive to keep you on track and working the problem.



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