

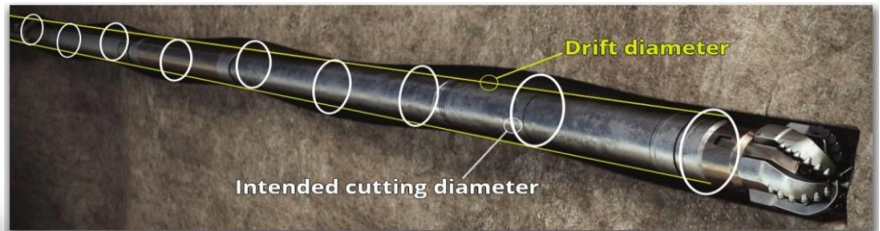
Drill-N-Ream™



Well Bore Conditioning System

Drill-N-Ream™ is the latest innovation added to our product offering. Well bore conditioning technology is required for enabling oil and gas operators to achieve the technical limits of today's drilling challenges. Drill-N-Ream™ is the preferred choice for your wellbore quality solution.

Improves Well Bore Quality by Enlarging Drift ID While Drilling



Key Benefit to utilizing Drill-N-Ream™ = Eliminate dedicated reamer runs

Advantages during drilling process

Hole Quality Benefits

- Reduce torque and drag
- Minimize bead and friction reducer usage
- Reduction in hook loads
- Reduce stick/slip

Drilling Performance Benefits

- Enhance weight transfer to bit
- Improve rate of penetration
- Minimize mud motor failures
- Increase bit life
- More effective differential pressure
- Diminish downhole vibration
- Lower MSE
- Shorten trip times

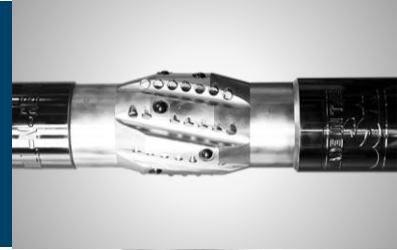
Casing Efficiency Improvement

- Improve consistency of casing installation
- Improve casing life and fatigue
- Improve cementing quality

Video presentation available at www.drillingtools.com

Strength. Innovation. Performance.

Drill-N-Ream™



Technical Specifications

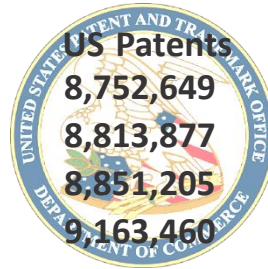
Tool Size (ID)	1 1/2" - 3 3/4" *
Tool Size (OD)	4 3/4" - 14 3/4" **
Length	8' - 10'
Weight	350 - 1,200 lbs
Connections	Any
Max Pull	Thread Dependent

*Tools can be customized for each application

**Standard tool size = 1/16" over bit size

Patented Features

- Opposing eccentric pdc reamers centralize and stabilize cutting forces
- Eccentric design capable of enlarging bore hole drift up to 1/4" over bit size
- Progressive blades incrementally shear the formation with minimal torque
- Diamond domes protect the casing and pdc cutting structure during trips and drill outs
- Profile relief efficiently draws the pdc cutting zone into the formation



**Drilling Tools International is
the exclusive distributor for
Drill-N-Ream™**

Patented technology by 

Our Quality Management System is certified in compliance to ISO 9001, and API Spec Q1 and our manufacturing is certified to API Spec 7-1. Our Quality Management System governs all of our processes from planning, to process control, to delivery. This ensures that we consistently manufacture products that not only meet API standards but also meet the ever changing needs of our customers.

Drilling Tools International, Inc. is a leading provider of downhole tools to the land and offshore drilling markets. For over 30 years our company has been guided by the principals of Strength, Innovation and Performance. We consistently deliver world class customer service while providing quality products that meet the demanding drilling applications of today's market.

DRILLING TOOLS
INTERNATIONAL

STEEL | NON-MAG
Drill-N-Ream™
Drill Collars
Stabilizers
Sub Assemblies
Reamers
Shock Tools
Tool Baskets
Drilling Accessories
CamDrill *
* Patent Pending

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