

Wireline Rotational Scale Scraper



REDUCES OPERATION COST BY MILLING WITH SLICKLINE

FLEXIBLE BROACH SELECTION

INDUSTRY LEADING PRESSURE v EXPANSION

Description

The DTI Rotational Scale Scraper is the next step in broach design. It uses a high torque spline jar to rotate scraper mill blades in opposite directions. Repeated downward jarring drives the mill blades through scale with a downward and rotational action.

The DTI Rotational Scale Scraper comprises a broach mandrel, linked to an integral, short stroke, LH or RH rotational jar via castellated segments.

The DTI Rotational Scale Scraper tools are designed to be run in pairs so that two broaches work in conjunction with each other, rotating in opposite directions.

The DTI Broach scraper blades are designed to simultaneously engage with the scaled tubing so that all the torque is contained within the tool and not transmitted back into the Wireline.

A built in swivel at the upper end of the DTI Rotational Scale Scraper eliminates the chance of twisting the wireline.

The DTI Rotational Scale Scraper tool has several Broach types available to suit various clean up applications. These include Diamond Backed, Stepped Diamond Back

Operating Principle

Suitable for running on slickline

Downward jarring provides simultaneous downward impacts and rotational torque.

Multiple broaches and broach diameters provide a wide cut range.

Flexible approach to broach selection and diameter step changes.

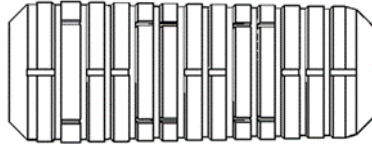
Features & Benefits

- Reduced operational cost by Milling Scale with Slickline.
- Effectively cleans hard scale.
- Built in High Torque Spline Jar provides impacts and rotation.
- Robust tool construction.
- Can be supplied in materials suitable for operation in H2S environments.
- Interchangeable Scraper Broaches of various designs.
- Various sizes of Scraper Broaches can be used.

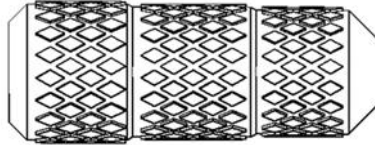


Broach Options

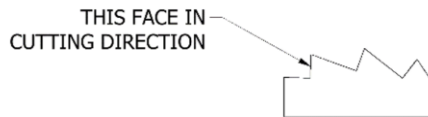
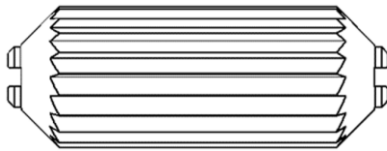
Stepped Straight Cut Broach – Suitable for lighter broaching cuts



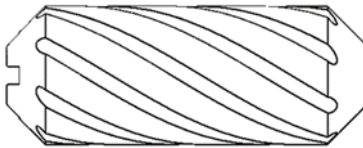
Stepped Diamond Backed or Pineapple Broach – Superior cutting edge and is suitable for heavier broaching cuts. Single diameter or stepped with two or three diameter changes.



Straight Side Cut Broach – Star shaped cross-section with radial directional cutting face, Suitable for breaking cement or for heavier broach cuts.



Spiral Melon Broach – Suitable for light broaching as a finishing cut and leaves a smooth finish.



Part Number	Broach Size Range	Thread	Fish Neck	Length Closed	Length Open
150RSS/XXX	1.750" to 2.313"	15/16-10UN	1.375"	70.75"	79.25"
188RSS/XXX	2.300" to 4.000"	1 1/16-10UN	1.750"	70.75"	79.25"
250RSS/XXX	3.000" to 6.000"	1 9/16-10UN	2.313"	70.75"	79.25"
350RSS/XXX	4.000" to 8.000"	1 9/16-10UN	3.125"	70.75"	79.25"

We offer optional equipment with alternative broach sizes and types, materials and thread connections.

Please contact us for more information.

