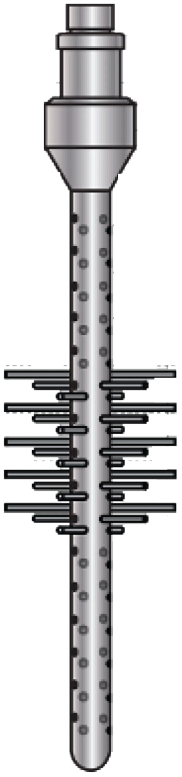
PrecisionBrush

Precision Mechanical Applications



Applications

- Removal of debris affecting seal integrity
- Cleaning plug setting areas
- Brushing of downhole safety valve flow tube cavities and nipple profiles
- Removal of rust, scale, wax etc. from tubing seal bores and profiles
- Preventive maintenance in scale environment

Features and Benefits

- E-Line conveyed, powered device
- Customizable brush bottom hole assembly (BHA)
- Cost effective preventive maintenance and repair option compared to coiled tubing, hydraulic workover units or workover rigs
- Precise, low-risk wellbore cleanout service
- Brush flexibility enables passage through well restrictions
- Light on logistics, footprint, personnel and time

The PrecisionBrush is used to clean tubing and completion components by removing thin deposits of wellbore debris that could affect sealing integrity or mechanical functionality. It is run in combination with PowerTrac® for conveyance (if deviated), and rotational anchoring, coupled with a Direct Drive Rotation (DDR) device to generate the required rotational torque and RPM.

Service Name	PrecisionBrush 225	PrecisionBrush 315
Tool body OD[1]	2.250 in. (57.2 mm)	3.150 in. (80.0 mm)
Brush diameter	Customizable	Customizable
Length	3.3 ft (1.0 m)	3.3 ft (1.0 m)
Minimum ID	2.375 in. (60.3 mm)	3.275 in. (83.2 mm)
Maximum ID/ expansion	Customizable	Customizable
System pressure rating	15,000 psi (1,034 bar)	15,000 psi (1,034 bar)
System temperature rating	177°C (350°F)	177°C (350°F)
Operating torque[2]	≤ 110 Nm	≤ 110 Nm
Operational RPM[2]	≤ 180 rpm	≤ 180 rpm

1. Tool OD only (not brush OD)
2. Standard output. Customizable down gearing possible with a 3:1 gear
3. Brush assembly length depending on configuration. Length excludes PowerTrac® and other system components

Baker Hughes™