

PrecisionHone

Precision Mechanical Applications

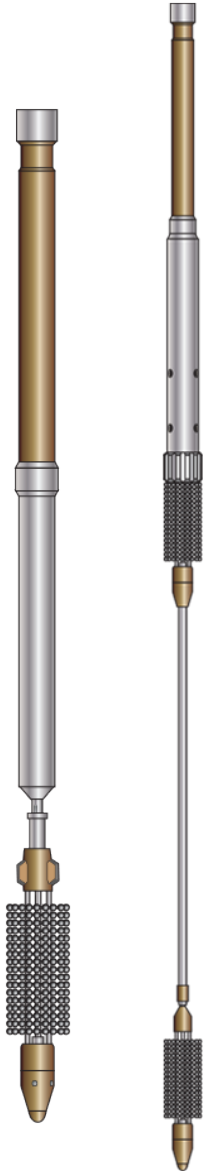
Applications

- Honing seal bore areas
- Preventive maintenance in scale environments
- Removal of scale, rust

Features and Benefits

- E-Line conveyed, powered device
- Combines axial and rotational motion for smooth honing
- Customizable hone OD
- Slip over no-go adapter can be used for precise positioning
- No-go profile and spacing is customizable
- Cost effective preventive maintenance or repair option for re-establishing seal bore integrity instead of pulling the completion components
- Light on logistics, footprint, personnel and time

The PrecisionHone and the PrecisionTwinHone are used to hone seal bores by removing deposits (scale, rust) and minor protruding obstructions that affect the sealing integrity of completion components, e.g. downhole safety valve. They are run in combination with PowerTrac® for anchoring and conveyance, coupled with a direct drive rotation (DDR) sub to generate the required rotational force.



Service Name	Precision Hone	Precision Twin Hone
Tool body outer diameter ¹	3.346 in. (85.0 mm)	3.346 in. (85.0 mm)
Hone body OD	2.362 in. (60.0 mm)	2.362 in. (60.0 mm)
Hone diameter	Customizable	Customizable
Length ²	6.6 ft (2.0m)	9.8 ft (3.0m)
Stroke length	19.7 in. (500 mm)	19.7 in. (500 mm)
Minimum ID	2.487 in. (63.2 mm)	2.487 in. (63.2 mm)
Maximum ID	10.20 in. (259.1 mm)	10.20 in. (259.1 mm)
System pressure rating	15,000 psi (1,034 bar)	15,000 psi (1,034 bar)
System temperature rating	75°C (167°F)	75°C (167°F)
Operational RPM	≤ 150 rpm	≤ 150 rpm

¹ Tool OD only (not brush OD)

² Length includes Hydraulic Rotation Adapter and standard hone brushes but is also customizable depending on required configuration. Does not include length of PowerTrac® and accessories

³ Brush assembly length depending on configuration. Length excludes PowerTrac® and other system components