

NON-DRILLABLE HIGH SPEED REAMING TOOLS

InFocus' non-drillable TT-HS-RT: Thru Tubing Hi-Speed Reaming Tools for wellbore intervention.

These smaller-size Thru-Tubing HSRT's can be configured with a wash head to run as a jetting tool for wellbore sand clean up, or with a milling-style head designed for cement clean up. Depending on your specific job requirement, we also offer a box or pin down adapter so third party heads can be utilized.

Applications:

- Sand clean outs
- Confirmation runs
- Wellbore preparation for bridge plugs
- Dissolvable plugs clean ups

All HSRT Tools feature InFocus' Patented Impeller Drive System Technology

2.87" >>



FEATURES & BENEFITS

- Temperature Rating: 302°F (150°C) and can also be configured for higher temperature applications. For temperatures above 150°C contact an IDSI representative for more details.
- Compact design
- Low run cost per hour
- Easy to service
- Wash head or Milling Style heads available
- Multiple head compatibility: Box down or Pin down options available to run 3rd party heads
- All Metal Drive means a wide range of fluid and gas compatibility such as acids, solvents and N2
- High Temperature rating 482°F (250°C)
- High RPM coupled with superior hydraulic horsepower

1.69" >>



2.13" >>



Drillable HSRT's for completions are also available.
 Contact your InFocus representative.

Tool	Hole Size	Casing Size	Flow Rate	TFA	Rotational Speed	Pressure Drop
	in. (mm)	in. (mm)	gpm (lpm)	in ² (mm ²)	RPM	psi (kPa)
169	2 (51)	2 3/8 - 5 1/2 (60 - 140)	15 - 80 (57 - 303)	0.22 (14)	700 - 3500	25 - 425 (172 - 2930)
213	2 1/2 (64)	2 7/8 - 7 (73 - 178)	20 - 140 (76 - 530)	0.48 (310)	700 - 4200	75 - 580 (517 - 4000)
287	3 1/8 (79)	3 1/2 - 7 (89 - 178)	30 - 200 (114 - 757)	1.07 (690)	500 - 5700	125 - 4000 (862 - 27580)

Tests were conducted with fresh water of 8.33 PPG

* Sizes vary to Hole Gauge