THRU-TUBING

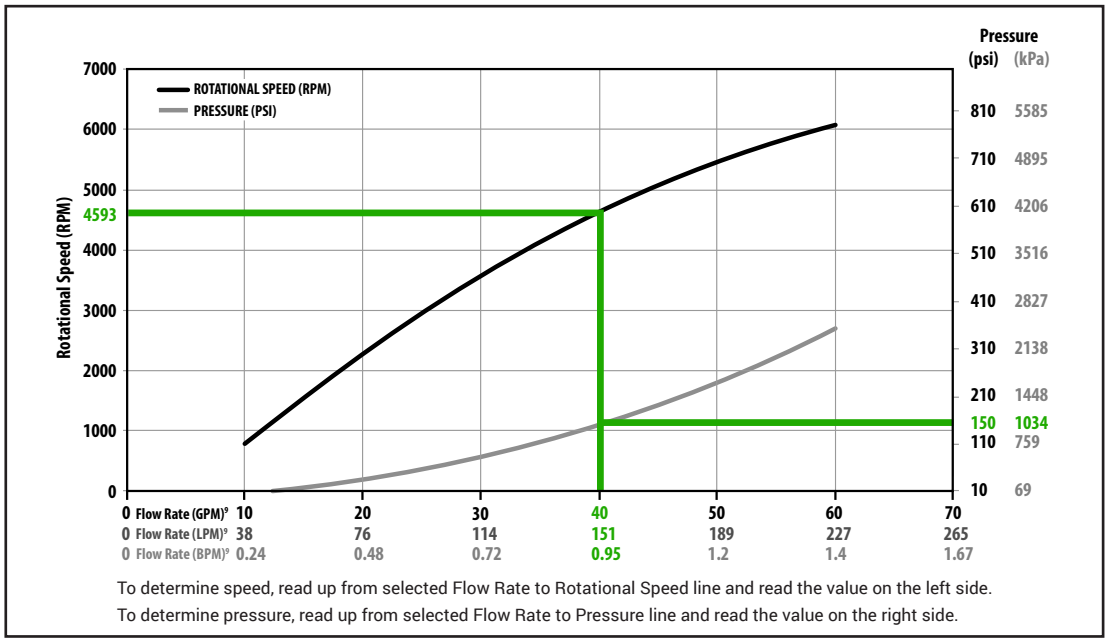
TT-HSRT

HIGH SPEED REAMING TOOL

TT-HSRT 1.688”

	Imperial	Metric
Overall Length of the Tool [1]	10.24 in	260.1 mm
Maximum Tool Body Diameter	1.690 in	42.9 mm
Maximum Temperature [3]	482°F	250°C
Maximum On-Bottom Bearing Load [4]	5800 lbf	2580 daN
Maximum Off-Bottom Bearing Load [4]	5800 lbf	2580 daN
Maximum Overpull [5]	15700 lbf	6984 daN
Recommended Nose Total Flow Area (TFA)	0.26 in^2	168 mm^2
Minimum Internal Port Size [6]	0.16 in	4.0 mm
Burst Pressure	17200 psi	118.6 MPa
Collapse Pressure	10900 psi	75.2 MPa
Peak Power [7]	1.3 HP	1.0 kW
Top Connection [8]	1.000 MT/AMT/AMMT (BOX)	
Bottom Connection [8]	1.000 MT/AMT/AMMT (PIN)	
Milling Style Wash Head Nominal Diameter [2]	1.690 in	42.9 mm
Milling Style Wash Head Config & TFA	1 x Ø5/16 in, 12 x 5/32 in 0.31 in^2	1 x Ø7.9 mm, 12 x 4mm 200 mm^2

[1] - Overall length is the shoulder-to-shoulder distance of the Tool ONLY. Additional Crossovers/ Noses will add length, see Fishing Drawing for these lengths.
[2] - Wash Head or Bottom Connection Configurations are available. Additional gauge \ bottom connection configurations are available upon request.
[3] - Specified ratings are not applicable at temperatures exceeding this value. Contact IFES for ratings at elevated temperatures.
[4] - Specified load ratings are based upon onset of bearing damage.
[5] - Specified load rating is based upon tool separation.
[6] - Using LCM particles larger than specified minimum internal port size is not recommended and may cause tool plug-off.
[7] - Peak power is dependent on a variety of operational parameters and true performance may vary based on downhole conditions.
[8] - 1.000 API REG connection is interchangeable with most 1.000 MT, 1.000 AMT, and 1.000 AMMT connections.
[9] - Running above 30 GPM may result in premature wear and tear.



To determine speed, read up from selected Flow Rate to Rotational Speed line and read the value on the left side.
To determine pressure, read up from selected Flow Rate to Pressure line and read the value on the right side.

Operational specifications are for reference only. Actual tool performance may vary depending on a variety of downhole conditions. Performance data is subject to change without notice.

Box-down & Pin-down options available.

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