

## 2.125" (FRT-0213)

**The AMPLI-VIBE** Friction Reduction Tool is based on InFocus' highly successful AMP: All Metal Power section technology. Like the AMP, the AMPLI-VIBE Tool is all-metal construction - with absolutely no elastomer present.

It is designed with double-shouldered connections throughout, and will operate in temperatures up to 456°F. The 2-1/8" tool operates at a frequency of 5 - 19 Hz.

	Imperial	Metric
<b>Overall Length</b>	54.49 in	1384 mm
<b>Standard Diameter</b>	2.180 in	55 mm
<b>Top Connection</b>	1 1/2 REG (AMMT)	
<b>Bottom Connection</b>	1 1/2 REG (AMMT)	
<b>Temperature</b>	456°F (236°C)	
<b>Flow Rate - Gallons per Minute</b>	50 - 150 GPM	
<b>Flow Rate - Liters per Minute</b>	189 - 568 LPM	
<b>Flow Rate - Barrels per Minute</b>	1.2 - 3.6 BPM	
<b>Absolute Overpull</b> (some connections are yielded and some parts require replacement)	28000 lbf	12455 daN
<b>Overpull for Re-Run</b> (Safe Work Load)	22400 lbf	9964 daN
<b>Frequency</b>	5 - 19 Hz	

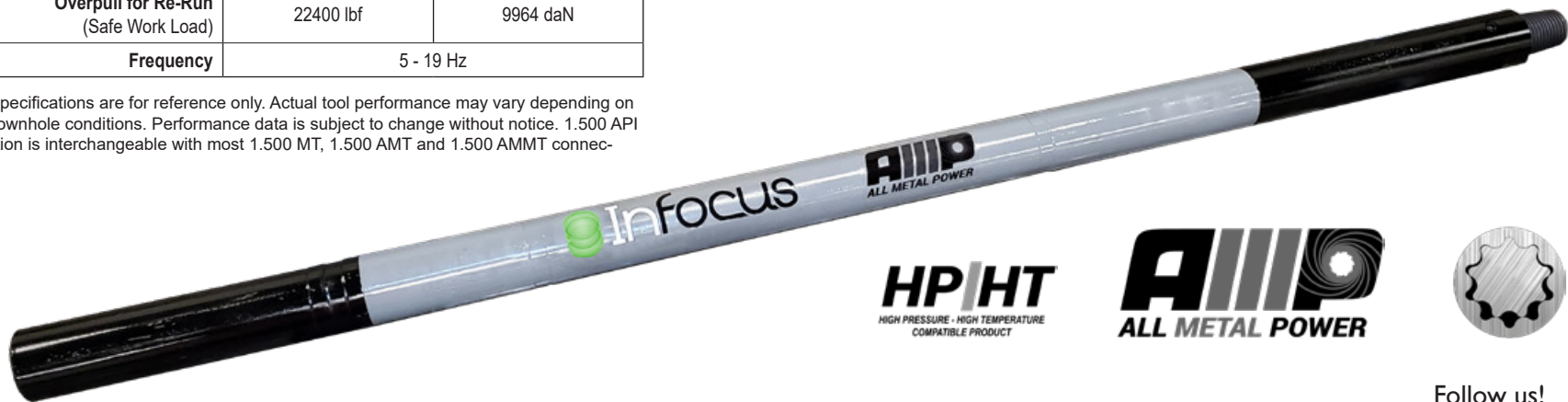
Operational specifications are for reference only. Actual tool performance may vary depending on a variety of downhole conditions. Performance data is subject to change without notice. 1.500 API REG connection is interchangeable with most 1.500 MT, 1.500 AMT and 1.500 AMMT connections.

## FEATURES & BENEFITS

- Robust all-metal design with no elastomer power section
- Double shouldered custom housing connections
- Temperature compatible to 456°F
- Pressure drop can be calibrated to customer-specific requirements.
- Valve sizes: 0.30 | 0.32 | 0.34

### Ideal:

- Any application where friction reduction is needed for a smoother operation
- Reduction of helical buckling and assists with optimizing WOB
- Compatible with all BHA's in drill strings and workover strings including coiled tubing
- In wells with multi-phase flow (N2)
- For spotting acid or xylene during multi-step clean outs
- In HP/HT wells
- In all Geothermal applications
- With High Chloride produced water
- With Produced water with hydrocarbon present (condensate)
- With H2S present in the wellbore



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