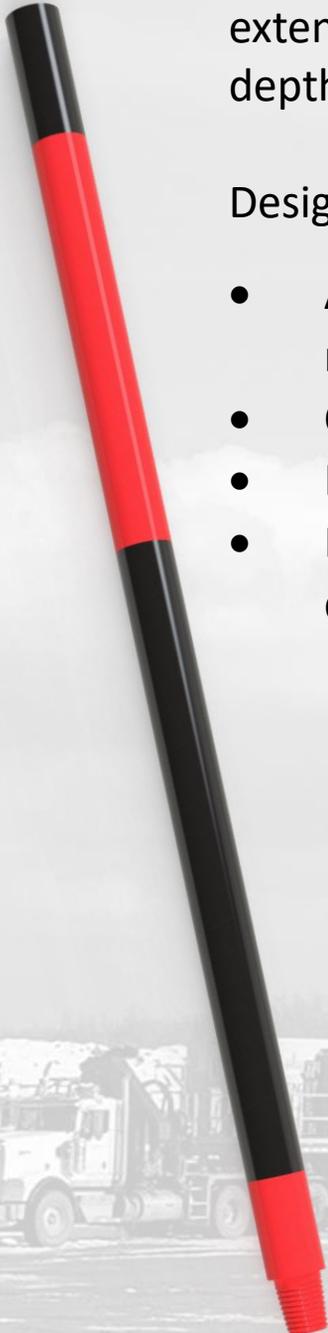


Generating New Ideas. Solving Bigger Problems.

Thruster Energy's ALPHA MAX Tool is a dynamic extended-reach tool for attaining today's long, lateral depths.

Design Features

- Allows for longer laterals while increasing the rate of penetration
- Compatible with measure while drilling systems
- Increases the transmission of weight on bit
- Ball drop for on demand activation to reduce damage to the drilling rig infrastructure



Parameter	Imperial	Metric
Outside Diameter	5.25"	133.4mm
Activation Ball	0.75"	19.1mm
Effective Length	9.80'	3.0m
Flow Rate	200-400 gpm	0.8-1.5m ³ /min
Torsional Yield	27 850 ft-lbf	37 760 N-m
Tensile Yield	776 400 lbf	345 375 DaN
Operation Temperature	300°F	150°C
Operating Pressure	800 psi	5500 KPa
Operating Frequency	5-11Hz	
Connection	DS40	