

8 1/4"

X-series AST



Bottomhole assembly: The AST tool is generally placed in the BHA above the non-magnetic part of the BHA. Contact your Tomax representative for advice on AST placement in the BHA.

Drilling: The X-Series AST is designed with a working range covering all conventional operations, including combination with Under-Reamer. No particular steps are required when drilling with the AST. A User Manual is provided with every deployment.

TOOL SPECIFICATIONS:

PARAMETER	METRIC	IMPERIAL
Length	5.44 m	17.85 ft
Stroke	0.25 m	10"
Max. OD	209.6 mm	8.25"
Min. ID	70 mm	2.75"
Mass	1015 kg	2230 lbs
Max. RPM	As recommended from bit manufacturer	As recommended from bit manufacturer
Ultimate tensile load	512 kdaN	1151 klbs
Max. internal pressure	690 bar	10 000 psi
Max. hydrostatic pressure	2000 bar	30 000 psi
Max. sand content	1 %	1 %
Max. DLS - rotary drilling*	6 deg/30 m	6 deg/100 ft
Max. DLS - sliding	14 deg/30 m	14 deg/100 ft
Max. temp. operational	200 °C	390 °F
Connection top	API 6 5/8 REG box	API 6 5/8 REG box
Make up torque	65 000 Nm	48 000 ftlbs
Connection bottom	API 6 5/8 REG pin	API 6 5/8 REG pin
Make up torque	65 000 Nm	48 000 ftlbs

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* Special options for Medium Radius systems