

5"

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	7.12 m	23.36 ft
Stroke	0.25 m	10"
Max. OD	127 mm	5"
Min. ID	38.2 mm	1.50"
Mass	520 kg	1146 lbs
Max. RPM	As recommended from bit manufacturer	As recommended from bit manufacturer
Ultimate tensile load	202 kdaN	454 klbs
Max. diff. pressure	690 bar	10 000 psi
Max. hydrostatic pressure	2000 bar	30 000 psi
Max. sand content	1 %	1 %
Max. DLS - rotary drilling*	10 deg/30 m	10 deg/100 ft
Max. DLS - sliding	25 deg/30 m	25 deg/100 ft
Max. temp. operational	200 °C (XT 220 °C)	390 °F (XT 425 °F)
Connection top	XTF 39 box	XTF 39 box
Make up torque	29 200 Nm	21 500 ftlbs
Connection bottom	XTF 39 pin	XTF 39 pin
Make up torque	29 200 Nm	21 500 ftlbs

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* Special options for Medium Radius systems
Configurations: XT = High temp. (220 °C)
Also available with NC 38 and HT 38 connections