

# 6 3/4"

## 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	5.21 m	17.09 ft
Stroke	0.20 m	8"
Max. OD	171 mm	6.75"
Min. ID	53 mm	2.08"
Mass	640 kg	1410 lbs
Max. RPM	300 @ 6 deg/30 m	300 @ 6 deg/100 ft
Ultimate tensile load	327 kdaN	720 klbs
Max. diff. pressure	690 bar	10 000 psi
Max. hydrostatic pressure	2000 bar (balanced)	30 000 psi (balanced)
Max. sand content	1 %	1 %
Max. DLS - rotary drilling*	8 deg/30 m	8 deg/100 ft
Max. DLS - sliding	20 deg/30 m	20 deg/100 ft
Max. temp. operational	200 °C (XT 220 °C)	390 °F (XT 425 °F)
Connection top	NC 50 box	NC 50 box
Make up torque	40 000 Nm	29 500 ftlbs
Connection bottom	NC 50 pin	NC 50 pin
Make up torque	40 000 Nm	29 500 ftlbs

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\* Special options for Medium Radius systems  
Configurations: XT = High temp. (220 °C)

