

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