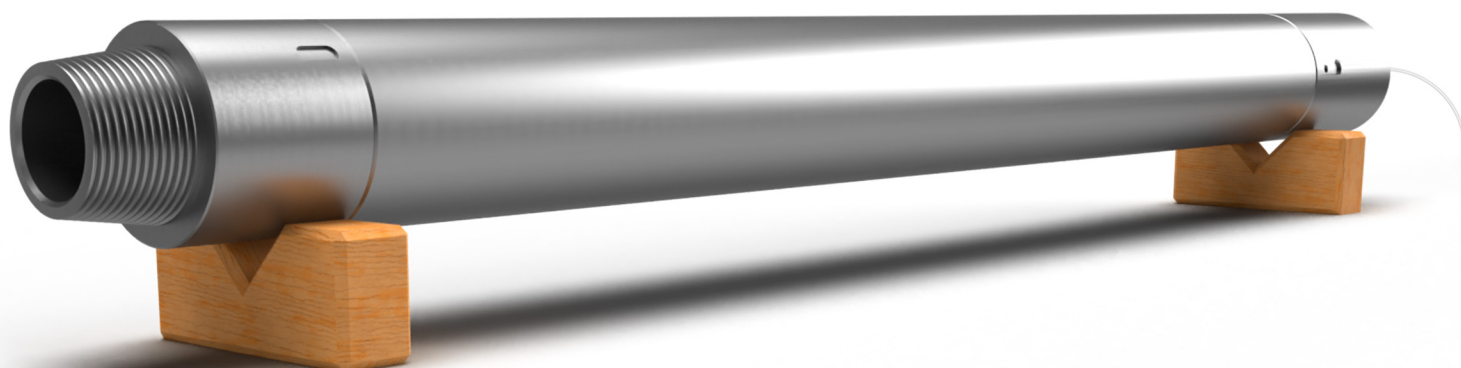




Drillguide GST



9 5/8" – 245 mm Gyro Steering Tool specifications

Tool OD	9 5/8" – 245 mm
Tool length (shoulder/shoulder)	9' – 275 cm
Thread connection pin/box	6 5/8" FH
Maximum allowed make-up torque	6 5/8" FH 67 000 ftlb – 90 kNm GST collar 67 000 ftlb – 90 kNm
Sensor(s) accuracy	Azimuth 0.04° / Pitch 0.01° / Toolface 0.02°
Shoulder to sensor distance	27.6" – 70 cm
Net weight	1550 lb – 700 kg
Hole/drill bit size	12 1/4"–17 1/2" – 300–450 mm
Minimum bending radius	650' – 200 m
Maximum flow rate	780 gal/min – 3000 L/min
Annular pressure sensor position (distance from pin shoulder)	8.4' – 257 cm
Annular pressure sensor range	0–870 psi – 0–6000 kPa – 0–60 bar
Maximum allowed inner mud pressure	1150 psi – 8000 kPa – 80 bar
Inner mud pressure sensor range	0–2175 psi – 0–15 000 kPa – 0–150 bar
Maximum allowed torque during operations	59 000 ftlb – 80 kNm
Maximum allowed push/pull (on tool housing)	175 000 lb – 80 t
Maximum allowed shock (on tool)	158 °F – 70 °C
Maximum allowed vibration (on tool)	20 g up to 200 Hz
Electric power (input on surface)	230V-50Hz / 110V-60Hz
Electric power (output to downhole tool)	56 V DC
Recommended downhole wireline	10 or 8 AWG – 6 or 10 mm ²