



Drillguide GST Plus



5 3/4" – 146 mm GST Plus Tool specifications

Tool OD	5 3/4" – 146 mm
Tool length (shoulder/shoulder)	8.9' – 270 cm
Thread connection pin/box	4 1/2" REG
Maximum allowed make-up torque	8850 ftlb – 12 kNm
Sensor(s) accuracy	Azimuth 0.04° / Pitch 0.01° / Toolface 0.02°
Shoulder to sensor distance	43.3" – 110 cm
Net weight	460 lb – 210 kg
Hole/drill bit size	6 3/4" – 170 mm
Minimum bending radius	330' – 100 m
Maximum flow rate	180 gal/min – 675 L/min
Annular pressure sensor position (distance from pin shoulder)	8' – 244 cm
Annular pressure sensor range	0–870 psi – 0–6000 kPa – 0–60 bar
Maximum allowed inner mud pressure	1015 psi – 7000 kPa – 70 bar
Inner mud pressure sensor range	0–2175 psi – 0–15 000 kPa – 0–150 bar
Maximum allowed torque during operations	7400 ftlb – 10 kNm
Maximum allowed push/pull (on tool housing)	33 000 lb – 15 t
Maximum allowed temperature (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	8 AWG – 6 mm ²

Combining Drillguide GST and GPS track in 1 tool