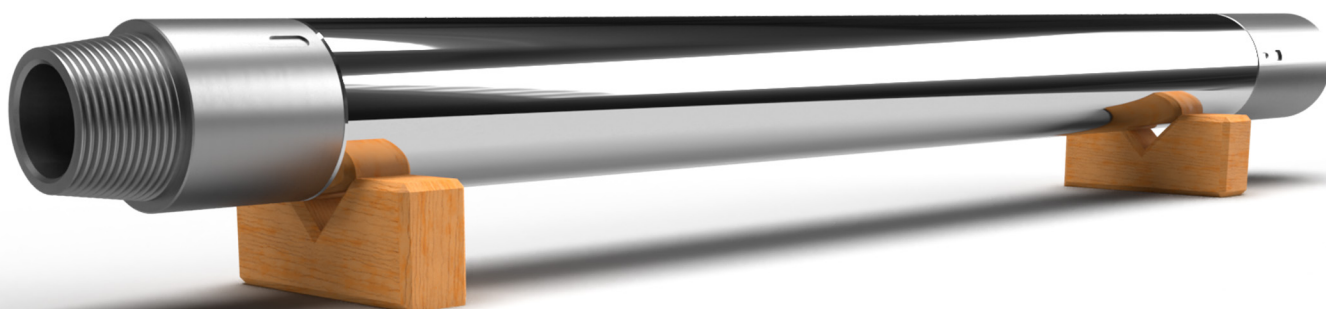




Radar



8 1/2" – 215 mm Radar Tool specifications

Tool OD	8 1/2" – 215 mm
Tool length (shoulder/shoulder)	8.7' – 265 cm
Thread connection pin/box	6 5/8" FH
Maximum allowed make-up torque	6 5/8" FH 57 000 ftlb – 77 kNm Tool collar 42 000 ftlb – 57 kNm
Net weight	1200–1350 lb – 550–600 kg
Hole/drill bit size	10 5/8"–12 1/4" – 250–300 mm
Minimum bending radius	590' – 180 m
Maximum flow rate	780 gal/min – 3000 L/min
Maximum allowed inner mud pressure	1150 psi – 8000 kPa – 80 bar
Maximum allowed torque during operations	37 000 ftlb – 50 kNm
Maximum allowed push/pull (on tool housing)	110 000 lb – 50 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	10 or 8 AWG – 6 or 10 mm ²

Radar can only be used in combination with Drillguide GST