



8 1/2" – 215 mm Weight-on-Bit Tool specifications

Tool OD	8 1/2" – 215 mm	
Tool length (shoulder/shoulder)	3' – 92 cm	
Thread connection pin/box	6 5/8" FH	
Thread connection downhole	6 5/8" FH	
Maximum allowed make-up torque	42 000 ftlb – 57 kNm	
Net weight	485 lb – 220 kg	
Hole/drill bit size	10 5/8"–12 1/4" – 250–300 mm	
	Push/Pull	Torque
Range	0–143 000 lb – 0–65 t	0–44 000 ftlb – 0–60 kNm
Accuracy	+/- 5%	+/- 5%
Minimum bending radius	590' – 180 m	
Maximum flow rate	780 gal/min – 3000 L/min	
Maximum allowed inner mud pressure	2900 psi – 20 000 kPa – 200 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	10–8 AWG – 6–10 mm ²	

Weight-on-Bit can only be used in combination with Drillguide GST