



Bumper Sub

The Wenzel Downhole Tools Bumper Sub is a traditional downhole tool, having numerous applications during fishing, coring, and workover operations.

Features and Benefits

- ▶ Featuring a sealed and lubricated spline drive, the Bumper Sub will provide long service life under high torque and stroking applications.
- ▶ Standard seals in the tool are effective to 250°F (120°C). The sub can be dressed with seals effective to 400°F (200°C) for hot hole environments.
- ▶ External sealing surfaces are tungsten carbide coated to enhance wear and corrosion resistance.

Operation

This easy-to-operate tool can be used to:

- Apply and release various fishing or testing tools.
- Apply constant weight to sensitive milling and cutting tools.
- Provide up and down jarring forces.

Bumper Sub Specifications

IMPERIAL							
Nominal OD (inch)	Length Closed (feet)	Thru Bore (inch)	Tensile Yield (lbs)	Pump Open Area (in ²)	Torsional Yield (ft lbs)	Total Stroke (inch)	Approx Weight (lbs)
3.12	7.8	1.00	142 200	3.98	6 560	20	160
4.25	8.3	1.88	233 400	8.30	13 800	20	300
6.50	11.1	2.25	968 800	19.63	44 600	20	990

METRIC							
Nominal OD (mm)	Length Closed (m)	Thru Bore (mm)	Tensile Yield (daN)	Pump Open Area (mm ²)	Torsional Yield (N·m)	Total Stroke (mm)	Approx Weight (kg)
79	2.4	25.4	63 240	2 570	8 900	508	70
108	2.5	47.8	103 800	5 350	18 700	508	140
165	3.4	57.2	430 900	12 660	60 500	508	450

Specifications are based on as new condition and are subject to change without notice. Other sizes, connection options, and strokes up to 60 inches are available upon request.