



BRUTE® BUMPER SUB

Blackhawk's BRUTE® Bumper Sub is a heavy-duty travel joint that is designed to withstand sustained torque through its full four-foot stroke under most severe operations. The Bumper Sub is completely pressure balanced, which permits free travel through the full stroke unaffected by variations in pump pressure and/or hydrostatic pressure. The Bumper Subs may be used as motion compensators on floating rigs, or to allow controlled feed-off on delicate down-hole operations.

FEATURES & BENEFITS

- The bore through the tool permits full circulation at all times.
- Hexagon mandrel provide large contact area to transmit torque.
- Fully compactable with BRUTE® Storm packer system

APPLICATIONS

- Temporary well abandonment
- Downhole tool manipulation during severe weather conditions

SPECIFICATIONS

BUMPER SUB TECHNICAL SPECIFICATIONS								
Model/Type	OD (IN.)	ID (IN.)	Stroke Length (IN.)	Thread Connections	Maximum Pressure (PSI)	Maximum Hang-off (LBS)	Maximum Temperature* (°F)	Maximum Torque (FT-LBS)
Standard	4.750	2.250	15.5	NC-38	5,000	433,000	250	15,000
BRUTE®	7.250	3.250	48.0	NC-50	11,400	700,000	300	15,000
BRUTE®	8.500	4.000	48.0	6-5/8" FH	10,000	1,000,000	300	15,000

*Operational Temperature range can be adjusted based on elastomeric material compound.

