



**BLACKHAWK**  
SPECIALTY TOOLS

COMPLIANT WITH API 11D1 3<sup>RD</sup> EDITION

ENGINEERED DOWNHOLE SOLUTIONS

## BRUTE™ PACKER

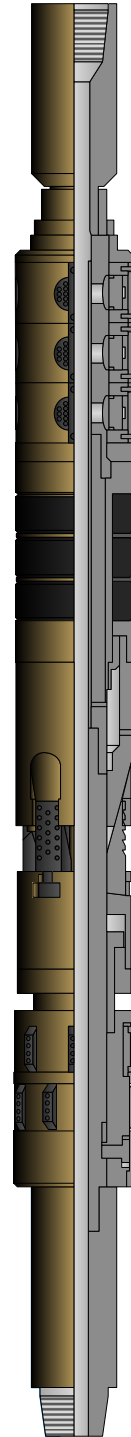
Blackhawk's Brute™ Packer is designed for general purpose high-pressure and high-tensile service work. The hydraulically-operated upper hold-down buttons anchor the packer with differential pressures from below. The packer is available with carbide trim buttons and slips for high-strength casing and longer service life.

### FEATURES & BENEFITS

- 6-5/8" FH connections holds up to 1,000,000 lbs tensile.
- Carbide trim on dual drag blocks, dovetail slips, and buttons for hard casing and long field life.
- Quarter-turn set packer and slips, straight pickup to unset and release.
- Three packer element design for seal redundancy.

### APPLICATIONS

- Ideal for use as a storm packer; compatible with Blackhawk's 1,000,000 lb. **Brute 1™ and Brute 2™ Storm Valve**
- Testing and treating operations
- Squeeze cementing





**BLACKHAWK**  
SPECIALTY TOOLS

COMPLIANT WITH API 11D1 3<sup>RD</sup> EDITION

ENGINEERED DOWNHOLE SOLUTIONS

**SPECIFICATIONS**

Casing Details			Tool Details						
Casing Size (in)	Weight (lb.-ft.)	Casing ID Range (in)	OD (in)	Nom ID (in)	Drift ID (in)	Thread Conn.	Maximum Pressure (psi)	Maximum Torque (ft.-lbs.)	Maximum Hang-off (lb.)
9-5/8	Multi Weights	8.363 - 8.891	8.25	3.000	2.970	NC-50	10,000	15,000	700,000
10 - 3/4 XD	Multi Weights	9.032 - 9.406	8.813	3.250	3.000	NC-50	8,000	15,000	500,000
10-3/4	65.7 - 85.3	8.979 - 9.724	8.850	3.000	2.970	NC-50	10,000	15,000	700,000
11-3/4	47 - 70	10.586 - 11.00	10.250	3.000	2.970	NC-50	10,000	15,000	700,000
13-3/8 - 14	54.5 - 77.0	12.275 - 12.615	12.000	3.000	2.970	6-5/8 FH	10,000	15,000	1,000,000
16	96.0 - 109.0	14.600 - 15.060	14.438	4.500	4.470	6-5/8 FH	7,000	15,000	1,000,000
18	94 - 128	16.624 - 17.023	16.350	4.500	4.500	6-5/8 FH	3,900	15,000	1,000,000