

# Well Construction

## Downhole Service Tools

### BRUTE® Retrievable Service Packer

The Expro BRUTE® Retrievable Service Packer is specifically designed for high-pressure and high-tensile service work, such as testing, treating, and squeeze cementing applications.

The BRUTE® Retrievable Service Packer is primarily designed to provide reliable temporary abandonment solutions when assembled with the BRUTE® Storm Valve and BRUTE® Bumper Sub to form the BRUTE® Storm System.

#### Features and benefits

- API 11D1 & ISO 14310 V3 validated for reliable quality and performance control
- Modular design increases range of application and operational efficiencies
- Simple and robust design allows for faster sets and multiple retrievals to significantly increase operational efficiencies and rig time savings
- Secondary rubber mandrel and increased slip area allow for combined pressure and tensile ratings and additional tailpipe to be hung below packer to increase total rig time savings
- Ability to unset and retrieve assembly with tailpipe without rotation for quicker retrieval operations
- Non-ratcheting slip design eliminates need for milling equipment to disengage slip for more reliable packer retrieval
- Enhanced drag block design eliminates the risk of damaging or losing drag blocks in the well to mitigate costly fishing operations
- Unique triple element design provides industry-leading combined pressure and tensile rating and redundant sealing capability ensuring higher safety factor
- Available with carbide trim buttons and slips for high-strength casing and longer service life
- Hydraulically-operated upper hold-down buttons and mechanically-operated lower slips anchor the packer when differential pressures are applied to increase safety and reliability





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Specifications							
Casing size (in.)	Weight (lbs-ft)	Casing I.D. range (in.)	O.D. (in.)	Nominal I.D. (in.)	Thread connections	Max. pressure (psi)	Max. hang-off pressure (lbs)
9-5/8	Multi-weight	8.363 - 8.891	8.25	3.000	NC-50	11,400	700,000
10-3/4 XD	Multi-weight	9.032 - 9.406	8.813	3.250	NC-50	8,000	500,000
10-3/4	65.7 - 85.3	8.979 - 9.724	8.850	3.000	NC-50	10,000	700,000
11-3/4	65.0 - 71.0	10.440 - 10.850	10.250	3.000	NC-50	8,000	700,000
11-3/4	47.0 - 60.0	10.641 - 11.152	10.500	3.000	NC-50	8,000	700,000
13-3/8 - 14	54.5 - 77.0	12.275 - 12.783	12.000	3.000	6-5/8 FH	10,000	1,000,000
16	96.0 - 109.0	14.600 - 15.065	14.438	4.000	6-5/8 FH	8,000	1,000,000
18	94.0 - 128.0	16.624 - 17.023	16.350	4.000	6-5/8 FH	4,000	1,000,000
20 - 22	Multi-weight	18.131 - 20.245	18.000	4.000	6-5/8 FH	4,000	500,000