



BurstX Drilling Burst Sub

The BurstX is SabreDHT's drilling burst sub, engineered as an essential safety and recovery tool for modern drilling operations. Designed to provide a reliable pressure-release mechanism, BurstX instantly restores circulation in the event of a BHA pack-off by venting excess pressure during pressure spikes. This protects critical drill string components from overpressure and helps prevent costly downhole failures.

Built for demanding drilling environments, BurstX enhances operational safety and efficiency across a wide range of applications. Supported by SabreDHT's field-proven expertise and technical support since 2002, BurstX delivers dependable performance for operators in North American and international markets.



6500/4000 Disc	Inner Side	Annulus Side
Burst Pressure @72° F	6,500 psi	4,000 psi
@22° C	44,850 kPa	27,600 kPa
Material	318 SS	
Operating Pressure	5,850 psi	3,600 psi
	40,365 kPa	24,840 kPa
Burst Flow Area	1.0" I.D.	
	0.79 sq inches	
Other Pressure Disc Ratings Available 4,500 psi, 5,000 psi, 6,500 psi, 7,000 psi and 7,500 psi		

FEATURES

- Provides an immediate means of restoring circulation in the event of a bottom hole assembly pack-off.
- Facilitates cuttings removal to help prevent additional drill string packing-off and maintain drilling efficiency.
- Reliable, fatigue-resistant design ensures consistent rupture pressure performance.
- Large internal diameter allows high circulation flow rates while reducing the risk of plugging.
- Burst discs are supplied by an industry-leading manufacturer with more than 60 years of experience.
- Sub configurations are available to match common drill string connections including DS40, CET43, XT39, XT40, and NC38.
- Available in a wide range of rupture pressure ratings to meet specific operational requirements, including 4,500 psi to 7,500 psi and beyond.

SPECIFICATIONS

Tool Size O.D. in. (mm)	Tool Size I.D. in. (mm)	Overall Length ft (m)	Weight lbs (kg)	Disc Torque Spec ft-lbs
5 (127)	2.5 (63.5)	3.3 (1.0)	165.35 (75)	150
5.25 (133)	2.5 (63.5)	3.6 (1.1)	205.03 (93)	150
5.375 (137)	2.5 (63.5)	3.6 (1.1)	222.67 (101)	150

