



Drilling Burst Sub Tool

The Drilling Burst Sub Tool (DBST) is used in drilling operations as an immediate method to regain circulation in the event of a pack-off inside or outside of the bottom hole assembly. The Burst Disc Sub provides the ability to:

- circulate cuttings out of the hole to prevent additional packing-off of the drill string.
- change downhole mud properties and maintain well control.
- provide flow to friction breaking tools in the string, aiding jarring operations.
- pump down objects in the ID of the drill pipe such as balls, darts, or fishing tools to do downhole functions.



The stainless-steel disc design and shape is **fatigue resistant** and corrosion resistant to maintain the rated disc strength with repeated pressure cycling stresses during drilling operations. The pressure release value reduces slightly with higher temperature.

The burst disc **can also handle high differential back pressures** from the annulus toward the inside of the sub.

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" ID	
	0.79 sq inches	
Other Disc Ratings Available		

Burst Disc Sub O.D	Connections	ID	Length	Weight	Hex Disc Torque
5.000 in	NC38/XT39	2.5 in	1.0 m (3.3 ft)	75 kg	150 ft-lbs
5.250 in	DS40	2.5 in	1.1 m (3.6 ft)	93 kg	150 ft-lbs
5.375 in	CET43	2.5 in	1.1 m (3.6 ft)	101 kg	150 ft-lbs
Xover Options Available					

