



DIVERTER TEST DEVICE (DTD)

SURGE REDUCTION SYSTEM

Blackhawk's Diverter Test Device (DTD) is run below the Blackhawk Diverter Sub to provide the service technician and operator with a positive integrity test of the Diverter Sub once it is closed. The tool utilizes the same innovative Diverter seat technology that has been used successfully for years.

FEATURES AND BENEFITS

- High tensile, burst and collapse ratings
- Simple, reliable design
- No moving parts or dynamic seals for highest level of reliability
- Verifies closure and pressure integrity of Diverter Sub
- Compatible with most liner company's setting balls and drill pipe darts

SPECIFICATIONS

Series	Drill pipe size (in.)	Max OD (in.)	Min ID (in.)	Tensile Rating (Kips)	Torque Rating (ft- lb)	Internal Pressure Rating (psi)
100	4 1/2" – 6 5/8"	9.50	3.00	2,366	193,800	8,500
150	4 1/2" – 6 5/8"	8.90	3.00	2,600	116,000	8,500
200	4 1/2" – 6 5/8"	8.90	3.00	1,690	116,000	8,500
300	4 1/2" – 6 5/8"	7.08*	2.68	1,264	74,500	8,500
400	4 1/2" – 6 5/8"	5.02	2.05	543	20,260	8,500
20	4 1/2" – 6 5/8"	9.75	3.00	1,690	116,000	8,500
1020	4 1/2" – 6 5/8"	9.75	3.00	2,366	148,000	8,500
30	4 1/2" – 6 5/8"	7.06*	2.68	1,066	74,200	8,500

* Max OD can be larger than stated depending on rig end connections

**Ratings do not include drill pipe/rig end connections

