

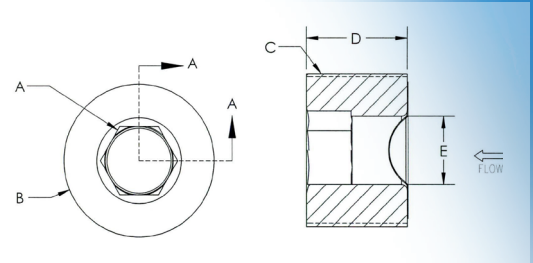


WDHT Series Downhole Tool

The WDHT Series of rupture disks were designed for pressure relief of oil tools to safely protect downhole components. There are many other applications that can benefit from this design, including wellhead protection, cementing, pressure activation equipment, spray washers, OEM's, laboratories, and more.

Features

- Each WDHT assembly consists of a threaded body with rupture disk welded onto the process side
- Body materials: 304 series Stainless Steel with other materials available on request
- Standard rupture disk material: Inconel (other materials available)
- Burst ratings 500 psig to 15,000 psig (for higher pressures contact ZOOK)
- 0% manufacturing range
- Operating ratios up to 75% of the low end of burst tolerance
- Requires Hex Key installation
- NPT threaded bodies
- Burst tolerance $\pm 10\%$
- Standard WDHTs in stock
- Customized designs available
- 100% factory leak-tested to bubble tight in liquid. For gas service or helium leak testing, please contact ZOOK
- 100% electronic thread verification of every assembly utilizing digital imaging
- 100% ultra-sonically cleaned prior to shipment
- 100% disk material traceability and burst test certification available
- CE (PED) compliance available



ZOOK's Welded Design Advantage

- Welded joints are stronger and more resistant to increased temperatures, which eliminates spurious bursts and product contamination
- Joint failure is eliminated due to increased temperature and pressure cycling compared to soldered joints
- Material creep is removed ensuring burst repeatability
- Improved quality and operational excellence

WDHT Dimensions							
NPT Size	Min (psig)	Max (psig)	Hex Size "A"	Nom. OD "B"	Thread Size "C"	Approximate Length "D"	Approximate Bore Size "E"
1/8"	1,000	15,000	3/16"	0.405"	1/8-27 NPT	5/16"	3/16"
1/4"	1,000	15,000	1/4"	0.540"	1/4-18 NPT	7/16"	3/16"
3/8"	1,000	15,000	5/16"	0.675"	3/8-18 NPT	1/2"	5/16"
1/2"	800	15,000	3/8"	0.840"	1/2-14 NPT	9/16"	3/8"
3/4"	500	7,350	9/16"	1.050"	3/4-14 NPT	5/8"	9/16"
1"	500	3,500	5/8"	1.315"	1-11-1/2 NPT	3/4"	5/8"



DHT_062020

Visit us at www.zookdisk.com

SERVING AMERICA, CENTRAL & SOUTH AMERICA

16809 Park Circle Drive
Chagrin Falls, Ohio 44022
United States

Toll Free: +1 800 543 1043
Phone: +1 440 543 1010
Fax: +1 440 543 4930
E-mail: sales@zookdisk.com

SERVING EUROPE, MIDDLE EAST & AFRICA

Navigation House, Bridge St.
Killamarsh, Sheffield, S21 1AL
United Kingdom

Phone: +44 (0) 1909 560999
Fax: +44 (0) 1909 560860
E-mail: sales.europe@zookdisk.com

SERVING CANADA

4400 South Service Road
Burlington, Ontario, L7L 5R8
Canada

Toll Free: +1 800 370 6057
Phone: +1 905 681 2885
Fax: +1 905 681 8838
E-mail: sales.canada@zookdisk.com

SERVING ASIA PACIFIC

Unit No. 23A-05, Menara Landmark
No.12, Jalan Ngee Heng
80000 Johor Bahru, Johor,
Malaysia

Phone: +60 (7) 2910099
Fax: +60 (7) 2910096
E-mail: sales.asia@zookdisk.com



Safety through knowledge and performance.