



Available with Mule Shoe
Wireline Re-Entry Guide

INTERVENTIONLESS MAGNUMDISK™ (FINGER STYLE)

INNOVATION REVEALED

The Interventionless MagnumDisk™ isolates wellbore reservoir pressure utilizing two dome-shaped disks. The MagnumDisks™ are made of a proprietary material that gives them incredible strength and durability in a variety of downhole conditions. The Interventionless MagnumDisk™ tool is run as an isolation barrier on the bottom of the tubing and/or below a packer BHA to isolate the tubing to set hydraulic set packers. After all tests are performed, a predetermined activation pressure is applied at surface to remove the MagnumDisks™. Once the disks are removed, the wellbore fluids can then be produced up the production tubing.

Features

- Eliminates the need for intervention with slick-line or coiled tubing
- Accurate to plus or minus 2% absolute pressure value
- Gas bubble rated
- Field adjustable activation values
- Used as barrier to set hydraulic packers
- Used to float casing or liners into horizontal wellbores
- Full-bore opening to tubing/casing ID after the Interventionless MagnumDisk has been activated and disks removed
- Economical alternative to profile nipple with a plug, eliminates plug & prong removal runs
- Used to negative test liner top
- Premium threads available
- Available with seals and CRA materials for use in hostile environments (H₂S and CO₂)
- Can be run in heavy muds
- Temperature rated up to 400°F (204°C)
- Little to no interfering debris left in the wellbore
- Can be pressure tested prior to installation
- Used for snubbing applications in live wells*
- Patent Pending Technology

*Nine Energy Service recommends the use of the Interventionless MagnumDisk™ for snubbing operations, as long as the pressure control company and/or operator have procedures in place to secure/control the well in the unlikely event of tool failure.

Description inch (mm)	Tool O.D. ** inch (mm)	Tool I.D. inch (mm)	Overall Length inch (mm)	Maximum Internal Pressure Rating	Maximum Reliable Temperature
2-3/8 (60.3)	3.625 (92.1)	1.930 (49.0)	27.500 (699.0)	10,000 psi (68.9 MPa)	400°F (204.4°C)
2-7/8 (73.0)	4.060 (103.1)	2.440 (62.0)	29.300 (745.5)		
3-1/2 (88.9)	4.750 (120.7)	2.920 (74.2)	35.500 (902.2)		
4-1/2 (114.3)	6.000 (152.4)	3.900 (99.1)	37.400 (950.0)		
5-1/2 (139.7)	7.000 (177.8)	4.892 (124.3)	37.700 (957.6)		
4-1/2 (114.3) Slim-line	5.800 (147.3)	3.800 (96.5)	37.400 (950.0)	12,500 psi (86.2 MPa)	
2-3/8 (60.3) Extreme	3.700 (94.0)	1.930 (49.0)	27.500 (699.0)	15,000 psi (103.4 MPa)	
2-7/8 (73.0) Extreme	4.300 (109.2)	2.440 (62.0)	29.300 (745.5)		
3-1/2 (88.9) Extreme	5.000 (127.0)	2.920 (74.2)	35.500 (902.2)		
4-1/2 (114.3) Extreme	6.060 (153.9)	3.900 (99.1)	37.400 (950.0)		
5-1/2 (139.7) Extreme	7.300 (185.4)	4.892 (124.3)	37.700 (957.6)		

*Tool O.D. Based on P110 Material

Interventionless MagnumDisks™ are available with Box X Pin and Box X Muleshoe Connections.

Custom-sized MagnumDisks™ can be manufactured upon request.

For more information, and to find a representative near you, visit nineenergyservice.com