

# INTERVENTIONLESS MAGNUMDISK™ (SHEAR 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 10% absolute pressure value
- Gas bubble rated available
- 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 (H<sub>2</sub>S and CO<sub>2</sub>)
- 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



The Interventionless MagnumDisk™ is also available with Mule Shoe Wireline Re-entry Guide.

\*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)	P110 Tool O.D. inch (mm)	L80 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)	3.30 (83.8)	3.40 (86.4)	2.00 (50.8)	22.8 (579.1)	10,000 psi (68.9 MPa)	400°F (204.4°C)
2-7/8 (73.0)	3.70 (94.0)	3.875 (98.4)	2.44 (62.0)	23.98 (609.1)		
3-1/2 (89.9)	4.40 (111.8)	4.65 (118.1)	3.00 (76.2)	30.61 (777.5)		
2-3/8 (60.3) Extreme	3.40 (86.4)	3.65 (92.7)	2.00 (50.8)	22.8 (579.1)	15,000 psi (103.4 MPa)	
2-7/8 (73.0) Extreme	3.88 (98.4)	4.25 (108.0)	2.44 (62.0)	23.98 (609.1)		
3-1/2 (89.9) Extreme	4.66 (118.4)	5.08 (129.0)	3.00 (76.2)	30.61 (777.5)		

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](https://www.nineenergyservice.com)