



SINGLE MAGNUMDISK™

INNOVATION REVEALED

The **Single MagnumDisk™** is used to create an underbalance condition between the reservoir and production BHA. The **MagnumDisk™** sub is run on the bottom of the tubing and/or below a production packer BHA. After the production packer is set, the wellbore reservoir is isolated from the upper wellbore. Prior to latching into the production packer with the upper production BHA, a lighter fluid is circulated down the production BHA to create the underbalance. Although the most common removal method of the **Single MagnumDisk™** is applying 1,000psi (6.9MPa) overbalance pressure, a **Magnum Go-Devil Drop Bar**, coiled tubing, slickline or sand line can also be used to remove the **MagnumDisk™** to achieve the underbalance surge. Once the disk is removed, the wellbore fluids can then be produced up the production tubing.



Available with Mule
Shoe Wireline
Re-Entry Guide



FEATURES

- Economical alternative to profile nipple with a plug
- Eliminates plug & prong removal runs
- Used for snubbing applications in live wells*
- Full bore opening to tubing I.D. after MagnumDisk™ is removed
- Gas bubble rated available
- Maximum surge potential of formation after perforating
- Available with premium threads and materials
- Can be run in hostile environments (H₂S and CO₂)
- 400°F (204°C) rated
- Can be run in heavy mud environment
- Little to no interfering debris left in the wellbore
- Can be pressure tested prior to installation
- Reusable, with redressing kit
- Patented Technology

*Magnum Oil Tools recommends the use of the Single 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.



MagnumDisk

DESCRIPTION inch (mm)	TOOL O.D.** inch (mm)	TOOL I.D. inch (mm)	TOP SIDE DISK RATING	BOTTOM SIDE DISK RATING	MAXIMUM RELIABLE TEMPERATURE
1.0 (25.4)	1.90 (48.3)	0.96 (24.3)	1,000 psi (6.9 MPa)	10,000 psi (68.9 MPa)	400°F (204.4°C)
1-1/4 (31.8)	2.06 (52.3)	1.38 (35.1)			
1-1/2 (38.1)	2.22 (56.4)	1.61 (40.9)			
2-1/16 (52.4)	2.33 (59.1)	1.67 (42.5)			
2-3/8 (60.3)	3.06 (77.7)	2.00 (50.8)			
2-7/8 (73.0)	3.67 (93.2)	2.44 (62.0)			
3-1/2 (89.9)	4.25 (108.0)	3.00 (76.2)			
4-1/2 (114.3)	5.50 (139.7)	4.00 (101.6)			
5.00 (127.0)	5.94 (150.8)	4.50 (114.3)			
5-1/2 (139.7)	6.50 (59.1)	4.89 (124.3)			
6-5/8 (168.3)	7.55 (191.8)	5.88 (149.4)			
7.00 (177.8)	8.13 (206.4)	6.37 (161.7)			
9-5/8 (244.5)	11.25 (209.6)	8.55 (217.2)			
10-3/4 (273.1)	12.38 (314.3)	9.66 (245.4)			

*Tool O.D. Based on P110 Material

Single MagnumDisks™ are available with Box x Pin and Box x Muleshoe Connections.
Custom-sized MagnumDisks™ can be manufactured upon request.