

Single Magnumdisk™

Box x Pin / Box x Mule Shoe

DESCRIPTION

The **Single Magnumdisk™** is a frangible, knockout plug designed to be used for workstring isolation and to create an underbalance. The Single Magnumdisk™ is run on the bottom of the tubing and or below a production packer BHA. After the production packer is set, the Magnumdisk™ isolates the wellbore reservoir pressure. Once the upper production BHA is run in hole, latched in to the packer, and all tests are performed, the disk can then be removed. The most common method is by applying pressure from surface to create a minimum 1,000 psi overbalance. The disk can also be removed mechanically using a Magnum Go-Devil Drop Bar, coil tubing, slickline, or sand line. Once the disk are removed, the wellbore fluids can then be produced up the production tubing.

FEATURES

- Economical alternative to profile nipple with a plug
- Eliminates the use of retrievable plugs
- Used for snubbing applications in live wells*
- Can be run in hostile environments (H2S & CO2)
- 450°F rated
- Little to no interfering debris left in the wellbore
- Fully open after disk is removed
- Reusable, with redressing kit and simple assembly procedure
- Available with premium threads & materials
- Can be run in heavy mud environment
- Can be pressure tested previous to installation



Mule Shoe with Wireline Re-Entry Guide

Patent #
5924696

To order this tool with **Muleshoe**, change "01.MSDA.100.CSBP" to "01.MSDA.100.CSBM".

*Magnum Oil Tools recommends the use of the **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. Custom-built **Magnumdisks™** can be manufactured upon request.

PART NUMBER	DESCRIPTION	INTERNAL DIAMETER	EXTERNAL DIAMETER	BOTTOMSIDE DISK RATING	TOPSIDE DISK RATING
01.MSDA.100.CSBP	1" CS HYDRIL SINGLE MAGNUMDISK	0.957"	1.901"	8,000 PSI	1,000 PSI*
01.MSDA.114.1NBP	1-1/4" NU 10RD SINGLE MAGNUMDISK	1.380"	2.125"	10,000 PSI	1,000 PSI*
01.MSDA.216.IJBP	2-1/16" IJ SINGLE MAGNUMDISK	1.610"	2.500"	10,000 PSI	1,000 PSI*
01.GSDA.238.8EBP	2-3/8" EU 8RD SINGLE MAGNUMDISK	1.995"	3.060"	10,000 PSI	1,000 PSI*
01.MSDA.278.8EBP	2-7/8" EU 8RD SINGLE MAGNUMDISK	2.441"	3.670"	10,000 PSI	1,000 PSI*
01.MSDA.312.8EBP	3-1/2" EU 8RD SINGLE MAGNUMDISK	2.992"	4.500"	10,000 PSI	1,000 PSI*
01.MSDA.41L.LTBP	4-1/2" LT&C SINGLE MAGNUMDISK	4.000"	5.625"	10,000 PSI	1,000 PSI*
01.MSDA.51L.LTBP	5-1/2" LT&C SINGLE MAGNUMDISK	5.000"	6.625"	10,000 PSI	1,000 PSI*
01.MSDA.70L.LTBP	7" LT&C SINGLE MAGNUMDISK	6.366"	8.250"	10,000 PSI	1,000 PSI*