

# Mag Tech® Casing Magnet

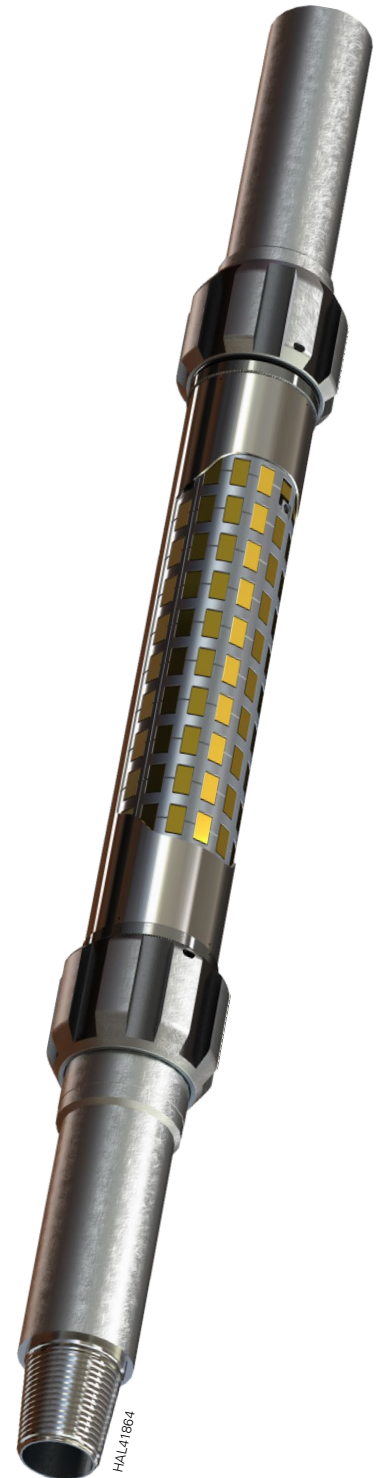
## DOWNHOLE MAGNET FOR CAPTURE OF FERROUS MATERIAL

### OVERVIEW

The CleanWell® MagTech® casing magnet is designed to assist in collecting ferrous or non-ferrous material that has become magnetically charged due to pipe rotation during the displacement process. The casing magnet is designed to run in conjunction with the Drill Tech® casing scraper, Bristle Tech® brush, Val Tech® downhole filter and other casing cleaning tools in displacement, drilling or other intervention applications. The neodymium bar magnets are high energy and extremely strong. Magnet strength combined with good stabilization and enormous surface collection area provide for large volume recoveries.

### FEATURES

- » Robust
- » Integral mandrel
  - » Smooth inner bore
  - » No internal connections or upsets
- » Big bore design (large IDs)
- » Abundant radial total flow area (TFA)
- » Enormous surface collection area
- » Good stand-off for debris retention
- » 4145 or 4330 material construction
- » Stress concentration management
- » No external bolts
- » Technical specifications validated through FEA modeling



## Mag Tech® Casing Magnet Specifications

Casing Size (in)	Maximum Trip Speed (ft/min)	Max Rotating Speed in Tension (RPM)	Max Rotating Speed in Compression (RPM)	Max Compression While Rotating (klbs)
11 3/4 - 13 5/8	200	120	90	50
9 5/8 - 10 3/4	200	120	90	50
7 - 8 5/8	200	120	90	35
4 1/2 - 5 1/2	200	120	90	15

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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