

HEATH ENERGY PRODUCTS

Allow us to introduce to you the best value in drill string and wellbore cleanout tools on the commercial market.

The Heath MagClamp wellbore magnet system is the most versatile wellbore magnet system available. The Rare Earth Magnets are built right into the clamp housings. The MagClamp system utilizes the most basic component of any drill string, the drill pipe itself, as the tool mandrel.

The Heath Energy MagClamp wellbore magnet system delivers the lowest price, greatest value wellbore magnet system in the Industry. Whether you choose to run Heath MagClamps on a full joint of pipe or on a pup joint, the cost of a dedicated magnet tool mandrel is eliminated.

MagClamp wellbore magnet systems are the cost effective solution to wellbore cleanout prior to setting packers, remedial cleanouts, run below casing cutters, mills, perforating guns, and the like. They are equally effective as a permanent installation run in on the bottom of your well completion. MagClamps are the cheapest insurance your money can buy for your expensive well completion.

The applications are endless and the choice is yours whether to run the MagClamp wellbore magnets alone or with the Heath Brush Hog™ casing brushes. Run a set of magnets and brushes above a junk basket and a Heath Fishing Magnet for the most versatile and budget friendly wellbore cleanout tool suite available on the commercial market today.

WELLBORE TOOLS

THE HEATH **MAGCLAMP™**

DRILL STRING MAGNETS

● Superior Design

- *Magnets are built right into the MagClamps*
- MagClamps mount directly to drill pipe
 - No special mandrel required
- Available in Standard Drill Pipe Diameters
 - Custom diameters available on request
- Large Debris Retention Area Between MagClamps
 - Prevents debris from washing off

● Superior Materials

- Your drill pipe or pup joint is the mandrel
- Downhole Proven Magnet Materials
 - Rare Earth SmCo good to 350°C / 662°F
- C95400 Aluminum Bronze Housings
 - S.S., Inconel, Hastelloy, Monel Housings Available On Request

● Superior Value

- Mandrel cost is eliminated
- Run as many or as few MagClamps as needed
- Run a set on bottom of completion string as a permanent installation
- You can't afford not to keep a set on-site

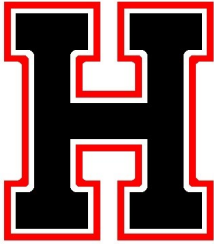


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WELLBORE TOOLS

THE HEATH **MAGCLAMP™** STRING MAGNETS

- ⇒ COLLECTS & REMOVES FERROUS DEBRIS FROM THE WELLBORE
- ⇒ MODULAR AND VERSATILE
- ⇒ MOUNTS TO STANDARD DRILL PIPE or PUP JOINT
- ⇒ AVAILABLE PERMANENTLY MOUNTED ON PUP JOINT W/O EXPOSED FASTENERS FOR OFFSHORE APPLICATION

HEATH P/N MagClamp Set XL MagClamp Set	DRILL PIPE SIZE	MAJOR O.D.	MAGNET OVERALL LENGTH	ADD-ON KIT P/N ADDS 11" TO OVERALL LENGTH
HMC-0288-21 HMC-0288-32	2-7/8"	4-1/4"	17" 28"	HMC-0288-12
HMC-0350-21 HMC-0350-32	3-1/2"	4-3/4"	17" 28"	HMC-0350-12
HMC-0400-21 HMC-0400-32	4"	6"	17" 28"	HMC-0400-12
HMC-0450-21 HMC-0450-32	4-1/2"	6-1/4"	17" 28"	HMC-0450-12
HMC-0500-21 HMC-0500-32	5"	6-5/8"	17" 28"	HMC-0500-12
HMC-0550-21 HMC-0550-32	5-1/2"	7-1/2"	17" 28"	HMC-0550-12
HMC-0663-21 HMC-0663-32	6-5/8"	8-7/8"	17" 28"	HMC-0663-12

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