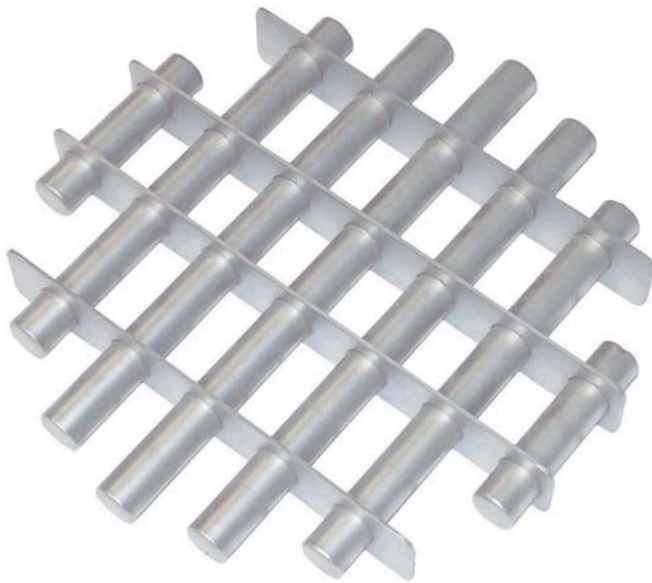




Grate Magnets

Series: GM



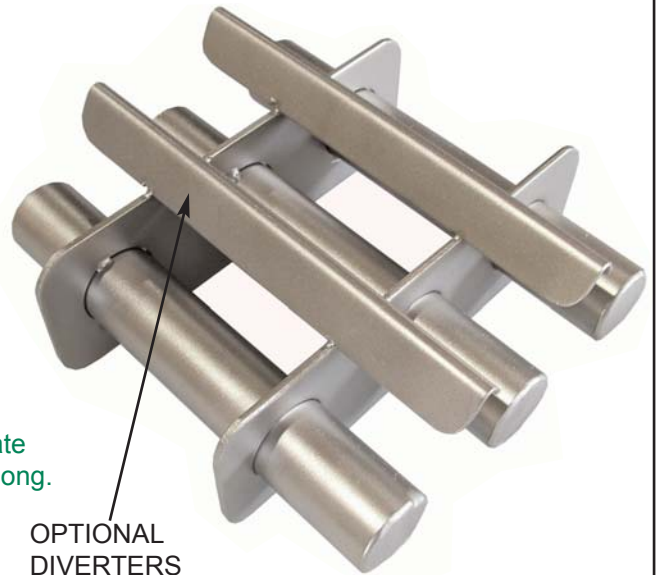
Model Shown

GM-14R, Round Grate Magnet, 14" Dia.



Model Shown

Custom designs available to fit your application.



OPTIONAL
DIVERTERS

Model Shown

GM-1010, Square Grate
Magnet, 10" wide x 12" long.

Application: MPI's GRATE MAGNETS (GM Series) are designed to remove medium and small-size ferrous tramp metal contaminant's from dry, granular free-flowing product streams in gravity-fed vertical chutes, hoppers, housings, surge or catch bins. GM Series GRATE MAGNETS are easy to install and clean. They offer efficient, economical magnetic protection of processing equipment such as; milling, extruding, and mixing, while at the same time improving product purity.

Operation: The product stream flows through a row of 1" diameter magnetic tubes, located on 2" centers, allowing 1" of space between each tube. The tubes are held in place with a stainless steel support frame. As tramp metal contaminant's are captured, they move to the underside of the magnetic tubes, eliminating tramp metal "wash-off". MPI GRATE MAGNETS are designed for easy removal and cleaning of collected tramp iron.

Got a question about Metal Control
or Material Handling Products...

Ask the
**Magnet
Man**



www.magnetmanusa.com

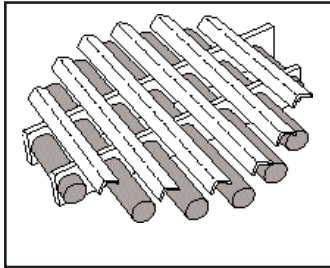
Magnetic Products, Inc.

Providing Magnetic Solutions for the
Material Handling Industry

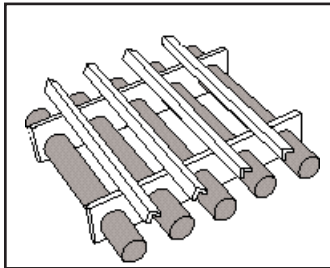
800-544-5930



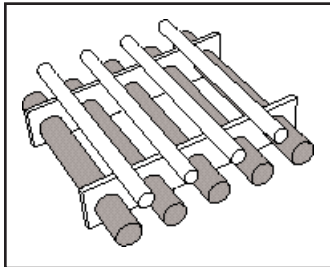
Providing Magnetic Solutions For the Material Handling Industry



TYPE D2 DIVERTERS:
Designed for fine, free-flowing product streams. This diverter design has a 90° bend to assure the maximum contact of product onto the magnetic tube.

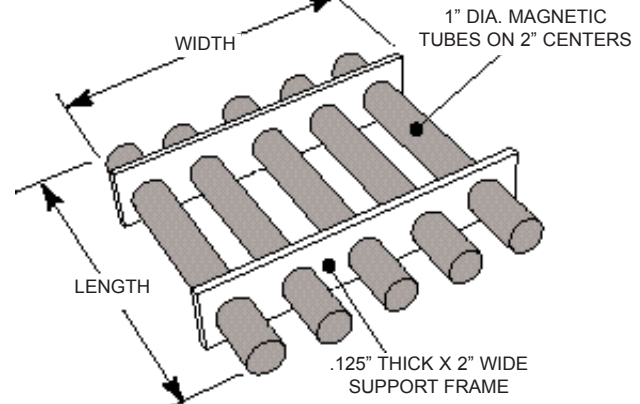


TYPE D3 DIVERTERS:
Recommended for medium-size product streams. The 60° bend permits a smooth product flow while still forcing the product over the magnetic tubes.



TYPE D4 DIVERTERS:
Designed for coarse, granular product streams. These diverters are designed with .375" dia. stainless steel bars, providing minimal product flow deflection.

Note: Specifications subject to change



GM-SERIES SELECTION GUIDE

SQUARE OR RECTANGULAR MAGNETIC GRATES

(9) STANDARD WIDTHS
RANGING FROM:
4.0" through 20.0"
in 2.0" INCREMENTS.

ROUND MAGNETIC GRATES

(15) STANDARD DIAMETERS
RANGING FROM:
6.0" through 20.0"
in 1.0" INCREMENTS.

SERIES-GM GRATE MAGNET PART NUMBER CODE:

A 12.0" wide x 8.0" long Rect. Grate Magnet, w/type D3 diverter = **GM-1208-D3**.
A 10.0" diameter Round Grate Magnet, w/type D2 Diverter = **GM-10R-D2**.

**Important: Grate Magnets should be 2 times larger
than hopper outlet opening!**

Utilize the selection guide above for ordering MPI's GM-Series Grate Magnets. Be sure to specify width, length, and type of diverter, if any. For answers to questions regarding your particular application, or for testing of your product characteristics to assure maximum magnetic separation, please consult your local MPI sales representative or contact our factory at the numbers listed below.

Standard Features:

- Powerful Ceramic 8 permanent magnetic material
- Liquid tight, seam-welded end caps.
- 100% stainless steel enclosed design.
- 1" dia. magnetic tubes, mounted on 2" centers.
- Rugged all-welded construction.

Optional Features:

- High-energy Rare Earth magnetic material.
- Three different types of Product Stream Divertors.
- Magnetic tube spacing other than 1".
- Quick-clean designs.
- All-magnetic grate designs.
- Custom grate sizes and mountings to meet design criteria.

-Custom Sizes & Configurations Available-

For more information, please contact your local sales representative or our customer service representatives at 1-800-544-5930 or info@mpimagnet.com.

Magnetic Products Inc.

P.O. Box 529 • 683 Town Center Dr. • Highland, MI • 48357

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