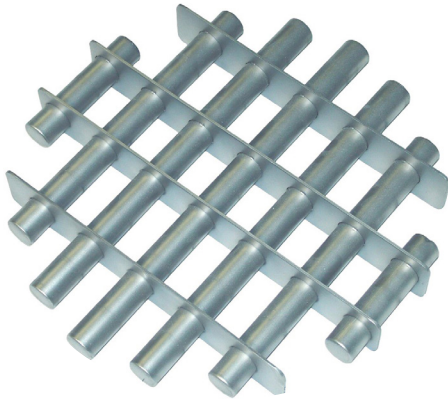




Grate Magnets

Series: GM

USDA
Available



Application

MPI's Grate Magnets are designed to remove medium and small-size ferrous tramp metal contaminants from dry, granular free-flowing product streams in gravity-fed vertical chutes, hoppers, housings, surge or catch bins. Grate Magnets are easy to install and clean. They offer efficient, economical magnetic protection of processing equipment, such as milling, extruding, and mixing, while 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 contaminants are captured, they move to the underside of the magnetic tubes, eliminating tramp metal "wash-off."

**Specifications subject to change*

Series GM Version 2.0 © MPI

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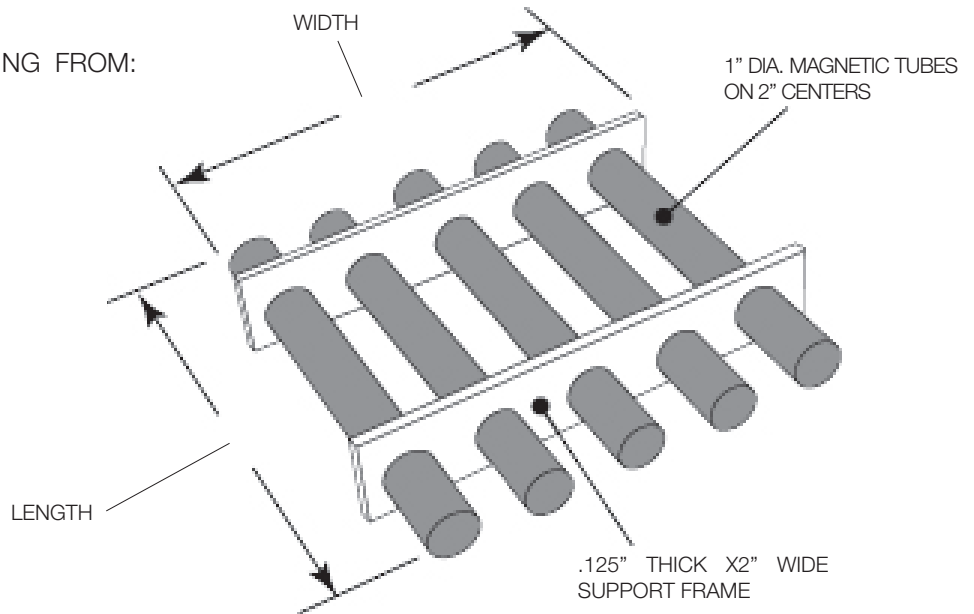
683 Town Center Drive, Highland, MI 48356 | p. 800.544.5930 | f. 248.887.6100
info@mpimagnet.com | www.mpimagnet.com

ROUND

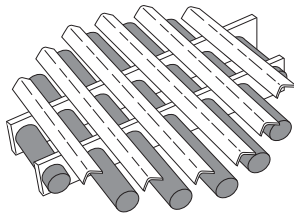
(15) STANDARD DIAMETERS RANGING FROM:
6.0" through 36"

SQUARE OR RECTANGULAR

WIDTHS RANGING FROM:
4.0" through 48"

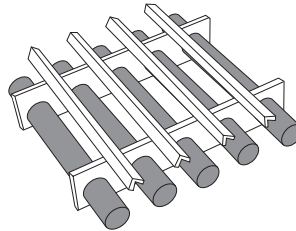


GM Selection Guide



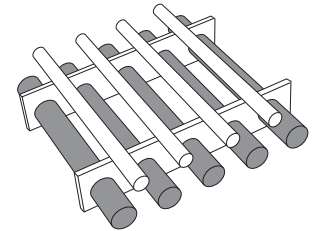
TYPE D2 DIVERTERS:

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.

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

Options

- Three different types of product stream diverters
- Custom tube spacing
- Quick-clean designs
- Rare Earth designs
- Custom grate sizes and mountings
- External frame

**Specifications subject to change*

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