

# Magnetic Grates



## Magnetic Grates

Magnetic grates offer exceptional tramp capture and value as these are generally much less expensive than other magnetic systems. These grates are most often used in bins, chutes, and hoppers across a number of industries with free-flowing dry burden. These grates are especially a staple of the food industry where maximum ferrous protection is required for compliance with state and federal laws. Our standard grates are constructed using 1" diameter tubes on 2" centers in a heavy-duty stainless steel frame and utilize either ceramic or rare earth magnets, depending on the application. Other options include:

- Custom sizes to fit in rectangular, square, and round locations
- Custom tube spacing to accommodate materials that do not flow freely or otherwise "bridge" across the tubes
- Custom tube wall thickness/magnet material to provide maximum protection
- Custom framing to accommodate a number of applications
- Custom stainless materials (such as 316) for corrosion resistance when needed
- Standard industrial or food grade finish depending on the customer's needs

We now offer a new EZ Clean style grate magnet for applications that require frequent cleaning, but cannot utilize a full drawer in housing. [Click here to request more information on this new product!](#)

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## SPECIFICATIONS

Tube Diameter	1 Inch
Material	Ceramic Raw Earth
Frame Material	Heavy-duty Stainless Steel
Shape	Rectangle Round Square
Standard Sizes	4 Inch 6 Inch 8 Inch 10 Inch 12 Inch 14 Inch 16 Inch 18 Inch 20 Inch 22 Inch 24 Inch 26 Inch 28 Inch 30 Inch 32 Inch 34 Inch 36 Inch 38 Inch 40 Inch

## BULK PRODUCT PROCESSING

MSI can design and manufacture many varieties of grates and tube magnets to fit in nearly every application.

Grates are available with and without frames to fit in existing chutes.

Our grates are available with ceramic magnets or multiple grades of rare earth and can be ordered in industrial or food grade.