

GRAVITY FEED APPLICATIONS - MAGNETS INSIDE OF THE PRODUCT STREAM



GRATE TUBES & GRATE TUBE ASSEMBLIES

Magnetic Grate Tubes

Ideal for custom installations that require magnetic separation, but lack space for a housing or grate assembly. Tapped mounting holes in each end of the tube allow for easy bolt-in installation. Customers can arrange these tubes in a configuration that works best for their needs. Constructed from stainless steel, tubes are available in our Customary Grade finish, Food Grade & Sanitary Grade finishes.

Magnet Materials for Grate Tubes and Grate Assemblies

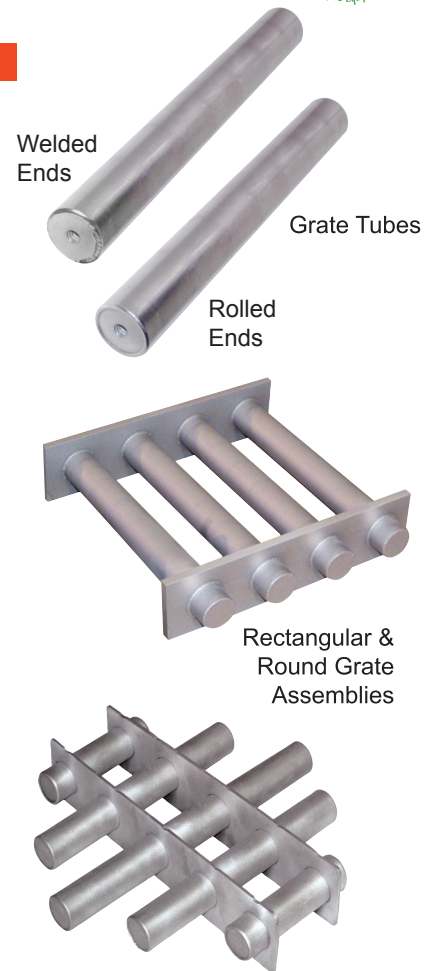
Ceramic: For small to large ferrous particle separation (nails, bolts, washers, etc.)

Rare Earth UHI-52™ (52 MgOe Circuit): Extremely powerful magnet material is used for "fine particle" separation such as metal filings, shavings, metal wear residue, work hardened stainless steel, etc.

Alnico (Custom Designs): High heat applications up to 800°F. Particle size and separation performance is the same as Ceramic.



Find Magnetic Grates & Tubes Online And Download Technical Sheets At...
<http://www.magnetics.com/tg/grates.asp>
 Download Or Request Tech Sheet TG-03A



LIQUID LINE APPLICATIONS - MAGNETS INSIDE & OUTSIDE OF THE PRODUCT STREAM

LIQUID LINE T-TRAPS

IMI's T-Traps remove unwanted ferrous and work-hardened stainless contaminants from processing lines. They capture fine ferrous particles that are created by wear of upstream processing equipment. T-Traps are typically placed in front of pumps, screens and mills to protect vital plant equipment from costly metal damage and system downtime. IMI's standard T-Traps are designed for line pressures up to 200 psi (13.8 bar) and can operate at temperatures up to 290°F (143°C).

- USDA Approved, 316 stainless steel sanitary construction
- Powerful Rare Earth Magnetic Circuit
- Standard line sizes from 1 1/2" - 6" (other sizes available)
- Inlet/Outlet ferrules for clamping (Tri-Ciamp and weld ends are standard)
- Quick clamp system on magnetic filter cap
- EPDM Standard Gasket Material (BUNA-N & VITON available)
- Designed for line pressures up to 200 psi
- Standard maximum operating temperatures of 220°F
- Optional Strainer Basket on Large Tube

Find T-Traps Online And Download Technical Sheets At...
<http://www.magnetics.com/tg/liquid.asp>
 Download Or Request Tech Sheet TG-09A

