



GM

Grid Magnet for Bulk Material

- ✓ **Efficient separation of small and smallest iron contamination and magnetised stainless steel particles**
- ✓ **Separation of bulk material**
- ✓ **Suitable for pipeline systems, hoppers, chutes, etc.**
- ✓ **Easy handling and cleaning**
- ✓ **Easy integration**
- ✓ **Quick delivery**
- Outstanding magnetic flux density with up to 13 700 Gauss
- EASY CLEAN version available
- Approved for ATEX zone 20
- FDA compliant version available
- Customer-specific dimensions



Made in Germany

Function:

Magnetic particles are filtered out when bulk material passes the magnetic grid.

GMN grid magnet (neodymium design):

Grid magnets in neodymium design (NdFeB) are available for applications in which smallest iron particles and magnetised stainless steel particles are to be separated. The powerful magnetic flux density of these magnets reach up to 13,700 gauss.

GM grid magnets are also available with EASY CLEAN option for easy and effective cleaning (magnet cores can be removed from stainless steel tubes for ease of cleaning). The maximum operating temperature is 100° C.

GMF grid magnet (ferrite design):

As with the GMN, the entire surface of the GMF grid magnet is made of stainless steel (1.4404). This prevents corrosion and guarantees high mechanical stability. The flux density of 4,000 gauss enables separation of Fe contamination of over 1 mm. The maximum operating temperature is 220° C.

Scope of delivery:

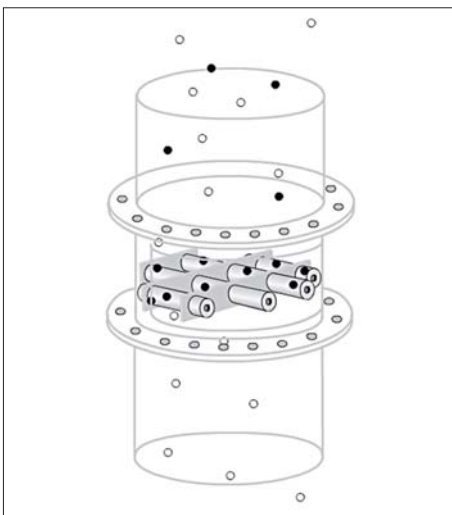
In addition to standard sizes, grid magnets can also be customised in size and design to meet individual applications. The dimensions and alignment of the magnetic rods ensure that "bridging" can be excluded.

Main components:

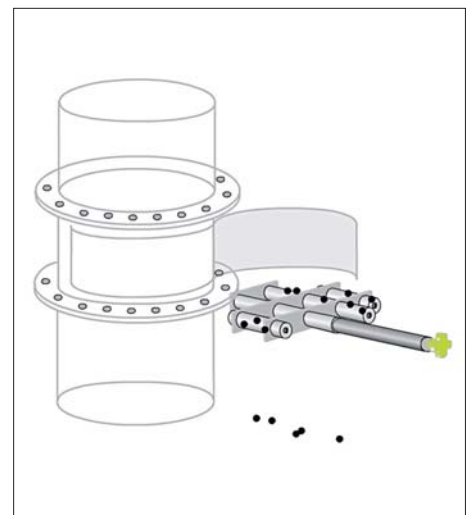
- Ferrite or neodymium magnets
- Entire surface made of stainless steel (1.4404)
- Easy Clean version (optional)

Typical applications:

Permanently magnetic grid magnets are available in round, rectangular or square design and can therefore be used in any application (e. g. pipeline systems, hoppers, chutes).



Grid magnets in round design can easily be integrated into existing pipelines.



For easy cleaning, magnet cores are removed from stainless steel covers.