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

Example

- Outstanding magnetic flux density with up to 1 370 mT (13 700 Gauss)
- Food industry standard quality
- EASY CLEAN version available
- Approved for ATEX zone 20
- FDA compliant version available
- Customer-specific dimensions

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Function:

Magnetic particles are separated when bulk material passes the magnetic grid.

GMN grid magnet (neodymium magnet):

Grid magnets in neodymium version (NdFeB) are available for applications in which smallest iron particles and magnetised stainless steel particles are to be separated. The powerful magnetic flux density reaches up to 1 370 mT (13 700 gauss).
The maximum operating temperature is 100° C.

GMN 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).

GMF grid magnet (ferrite magnet):

As with the GMN, the entire surface of the GMF grid magnet is made of stainless steel (AISI 316L). This prevents corrosion and guarantees high mechanical stability. The flux density of 400 mT (4 000 gauss) enables separation of ferrous contamination of > 1 mm.
The maximum operating temperature is 220° C.

Main components:

- Ferrite or neodymium magnets
- Entire surface made of stainless steel (AISI 316L)
- Highly polished surface finish
- Easy Clean version (optional)

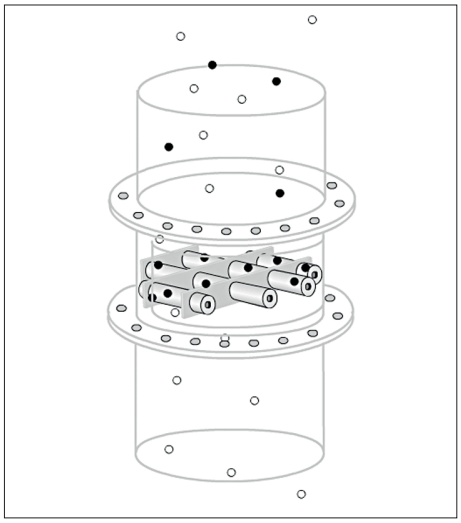
Typical applications:

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).

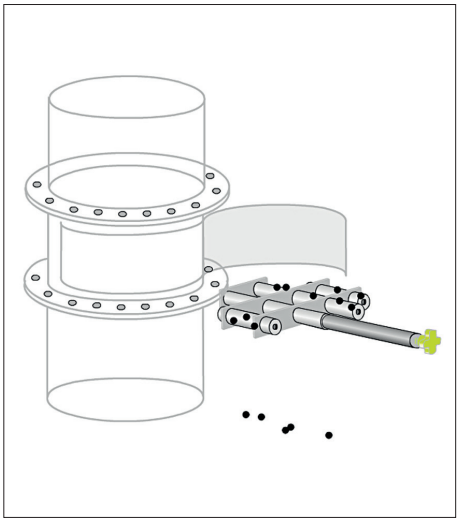
Scope of delivery:

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.

ATEX Ex on request



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



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

For detailed information please request our technical data sheet, or contact our experienced Sesotec sales consultants - by telephone or at your place.