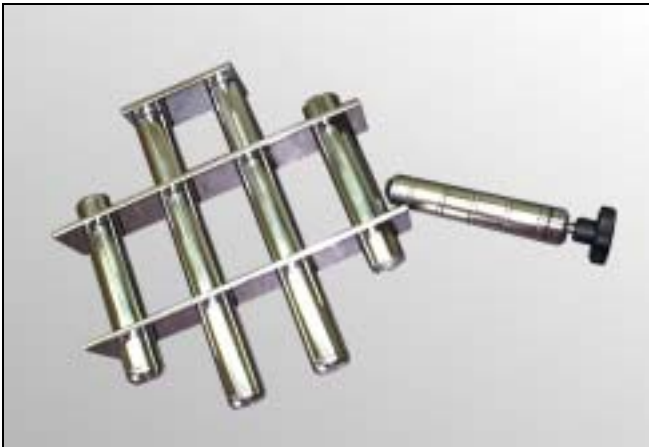


## Grid Magnets GMF and GMN (permanent magnetic)



Version: Grid Magnet GMN EASY CLEAN



Version: Grid Magnet GMN-R EASY CLEAN

### ■ Application

Permanent magnetic grid magnets can be supplied in round, rectangular and square versions and are therefore universally usable (e. g. in pipelines, hoppers or chutes). Ferrous particles are attracted and secured from the bulk material as it passes the system.

The grids are produced in a range of standard sizes, but also every special dimension necessary to suit the customers requirements can be delivered. S+S provides a life-time magnetic performance on the applied magnetic materials if used under normal circumstances. The dimension and the design of the system is arranged that 'bridging' is almost impossible.

The use of 316 grade Stainless Steel with polished surface treatment permits the installation in food and pharmaceutical industries.

### ■ Performance characteristics

#### Grid Magnet GMF (Ferrite-Version):

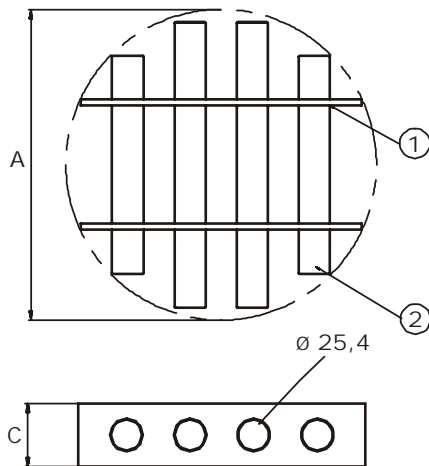
Similar to the GMN version also the GMF magnets guarantee a high resistance against wear and corrosion as well as a high mechanical stability by the use of the 316 grade Stainless Steel. The magnetic flux of 2500 gauss (on the rod surface) allows the separation of small ferrous particles ( $\geq 1\text{mm}$ ). Ferrite versions are suitable for operation temperatures up to 220°C.

#### Grid Magnet GMN (Rare Earth-Version):

For applications that require a higher magnetic field strength S+S can supply units incorporating rare earth magnetic material. These types of grids allow to attract even finest magnetic contaminants ( $\geq 10\mu\text{m}$ ). Three different types of neodymium magnets with a surface strength from 7000 up to 11000 gauss can be ordered. All types of rare earth grid magnets can be supplied optionally with removable magnets to allow quick and easy cleaning (EASY CLEAN Version).

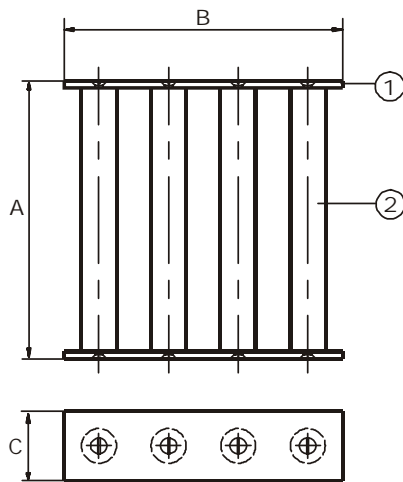
The maximum operation temperature should not exceed 90°C.

## ■ Dimensions and technical data



1 Frame  
2 Magnetic Rod

Art. no.	A	B	C	No. of rods	Weight kg
GMF-0100	Ø100		50	2	2,0
GMF-0150	Ø150		50	3	3,0
GMF-0200	Ø200		50	3	4,0
GMF-0250	Ø250		50	4	6,0
GMF-0300	Ø300		50	5	10,0
GMF-0350	Ø350		50	6	12,0
GMF-0400	Ø400		50	7	15,0
GMF-0450	Ø450		50	7	18,0
GMF-0500	Ø500		50	8	24,0



Art. no.	A	B	C	No. of rods	Weight kg
GMF-R-0150	150	150	50	2	2,0
GMF-R-0200	200	200	50	3	3,4
GMF-R-0250	250	250	50	4	5,2
GMF-R-0300	300	300	50	5	7,4
GMF-R-0350	350	350	50	6	10,0
GMF-R-0400	400	400	50	7	13,0
GMF-R-0450	450	450	50	8	16,4
GMF-R-0500	500	500	50	9	20,0

Article no. for neodymium version: replace GMF-xxx by GMN-xxx. For EASY CLEAN versions please add an "E" after the magnet material (i.e. GMN-ER-0250)

All dimensions in mm. Other dimensions on request.

Modifications due to technical advancement reserve.