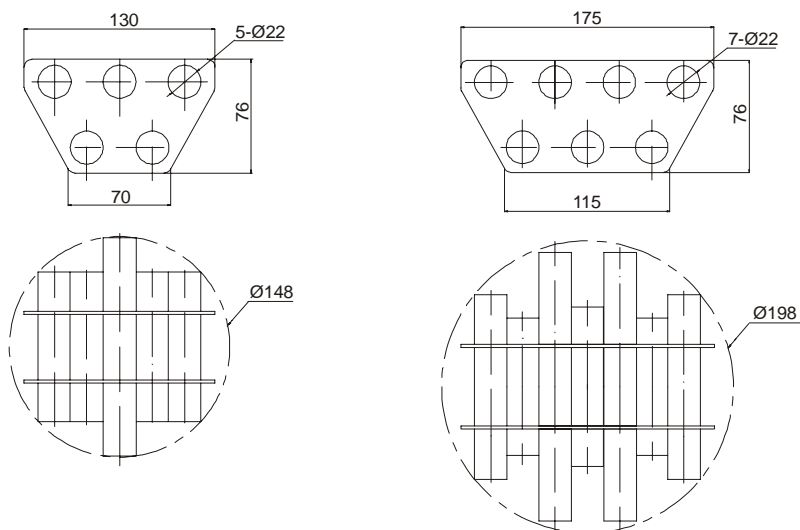


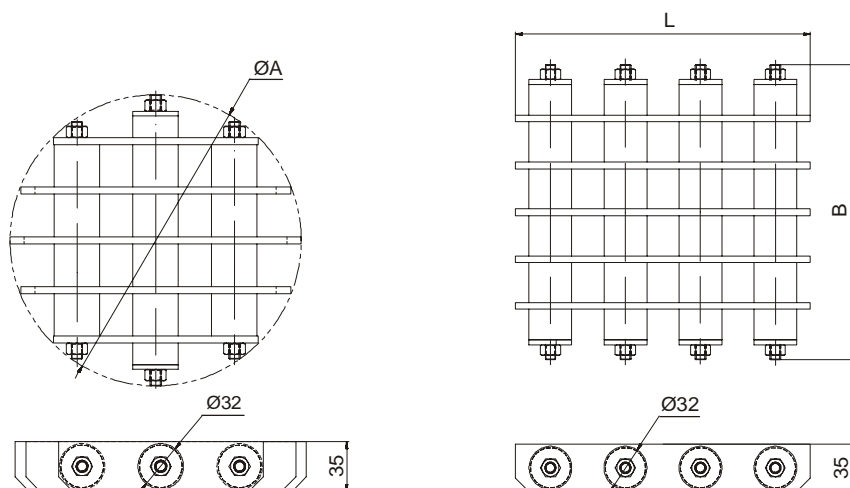


# Magnetic Separator HOPPER MAGNET GMT & GML

## ■ Dimensions Hopper Magnet GMT-0150 and GMT-0200



## ■ Dimensions Hopper Magnet GML



## ■ Technical data

GMT	Gauss*	Article	Diameter A	
Ferrite	3000	GMT-	150	200
Number of rods			5	7
Weight [kg]			1.2	1.9

GML, circular	Gauss*	Article	Diameter A					
Ferrite	1500	GML-	136	150	180	205	250	295
Number of rods			2	3	3	3	4	5
Weight [kg]			1.7	2.1	2.7	3.8	5.8	8.6

GML, square	Gauss*	Article	Dimension L x B				
Ferrite	1500	GML-R-	110x110	165x165	220x220	240x254	270x270
Number of rods			2	3	4	4	5
Weight [kg]			1.3	3.1	5.8	7.2	9.1

\* readings taken from outer tube surface

Article no.: combination of "Article" and "Diameter" or "Dimension" (i.e. GMT-150)  
All dimensions in mm



# Magnetic Separator HOPPER MAGNET GMT & GML

## ■ Conditions of use

- Use:** Mainly used in the plastic industry. Ferrous particles are separated from bulk material when passing the grid magnet.
- Bulk material characteristics:** Dry, good free flowing characteristics, without long fibres, grain size <6mm
- Drop height of bulk material:** <1000 mm above magnets top edge
- Material flow:** Free fall application (under gravity)
- Bulk material temperature:** Max. +120° C
- Ambient temperature:** -20° up to +60° C

## ■ Scope of delivery / Standard design

- Scope of delivery:** Strong ferrite magnetic system protected by Stainless Steel tubes
- Tube material:** 304 grade ST/ST
- Frame material:** Nickel coated mild steel (GML) respectively Stainless Steel (GMT)
- Surface treatment:** Brushed (GML) respectively polished (GMT)
  
- Magnet material:** Manufactured by using strong, fully stabilized ferrite magnet material (Strontium-Ferrite)
- Magnet characteristics:** Energy product  $BH_{max}$ : 30kJ/m<sup>3</sup>; Remanence Br: 390mT (=3900 gauss); Coercive force  $H_{Jc}$ : 235kA/m