



## MAGNETIC FILTER BAR WITH WOODEN HANDLE 25 X 150 / N52



### PERFORMANCE PARAMETERS

Manufacturer	Enes Magnesy
External diameter	25 [mm]
Length	150 [mm]
* Magnetic section length	103 [mm]
overall length together with handle	300 [mm]
Magnet type	neodymium, N52
Magnetic properties of N52 material: remanence (Br) 1,43-1,48 [T], 14300-14800 [Gs]	
Maximum magnetic field over the middle poles	0,85 [T] (8500 [Gs]) +/- 5%
Magnetic induction is measured with a teslameter with a hall effect flat probe.	
polarity	circumferential poles
Maximum working temperature	≤ 60 °[C]
Housing	stainless steel, AISI 304 / EN 1.4301, approved for contact with food
water-resistant	yes
Waterproof	class IP67
With handle	yes
Weight	7.5 [kg]

### Description

Magnetic filter bars with wooden handle are used to catch magnetic soft parts (shavings, screws, nails, etc). They may be used in the food industry (version available with a handle made of stainless steel) as well as recycling, ceramics and more.

This magnetic filter bar is closed in a housing made of stainless steel, AISI 304 / EN 1.4301, approved for contact with food.

In this way the magnet is not exposed to impacts or directly contact with water. All the surfaces of the magnetic filter bar are magnetic active. Standard made version is not waterproof. A waterproof one can be custom made.

**On commission we are ready to manufacture magnetic filter bars with diameters: 18 mm, 22 mm, 25 mm, 32 mm, 40 mm, 51 mm, with lengths adjusted according to Clients expectations. The minimum length of**

**manufactured filter bars is 100 mm.**

Magnetic field over middle poles, on surface of the housing tube of filter bar is min. 0,850 [T].

In the magnetic filter bar sintered neodymium magnets with remanence approx. 1,45 [T] (~14500 Gs) were used. The maximum working temperature for magnetic filter bars involving neodymium magnets is **60°C**.

*We generally recommend individual checking of the holding magnet in any specific working conditions.*

Length including screw thread: ~195 mm

Length including a handel: ~300 mm

Weight: ~0,75 [kg]

## PRODUCT PHOTOS