

# Neodymium magnet 100x50x20mm, N35

Reference: AM8845

EAN13: -

HS code: 85051100

## Product attributes:



## Product features:

Tolerance:  $\pm 3$  mm

Remanence (Br): 1.17 - 1.22 T

Coercive power:  $H_{cb} \geq 868$ ,  $H_{ci} \geq 955$  kA/m

Energy density (BH): 263 - 287 kJ/m<sup>3</sup>

Grade: N35

Material: NdFeB

Max. operating temperature: 80°C / 176°F

Surface finish: Nickel (Ni-Cu-Ni)

## Product description:

Neodymium magnet in the shape of a block.

Chrome nickel coating to prevent oxidation.

Magnet size: 100x50mm

Magnet height: 20mm

Magnetizing direction: portrait (when the magnet is laid flat, one pole is on top and the other is on the bottom)

Maximum working temperature: 80°C

Magnet material properties: N35

Magnet strength: 1211.8N (123.53kg)

Weight: 740 grams

Magnet strength is in ideal conditions. The strength may decrease if the object is not made of pure steel, has a layer of other material (such as paint) on it, has an uneven/curved surface, the magnet is pulled at an angle to the contact area (not exactly in the direction of magnetization), the surface of the object is partially rusted, or the thickness of the steel is not sufficient. It is recommended to choose magnets with a higher breakaway force and to test the magnets first under heavier conditions before purchasing larger quantities.

