NEODYMIUM PERMANENT MAGNET SC35

DESCRIPTION

Neodymium permanent magnet

FIELDS OF APPLICATION

The SC35 neodymium magnets are suitable in mechanics, lighting and do-it-yourself furniture. They have a strong attraction and are very effective even with small dimensions.

WARNINGS

Handle product carefully. Do not approach to credit cards or to products and systems, sensible to magnetic field.

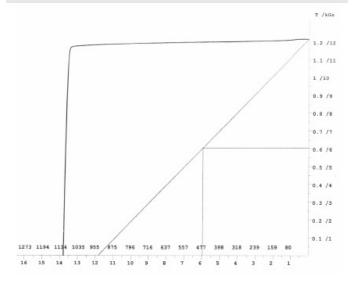
USE

Neodymium magnet is a sintered material coated with a protective treatment.

Avoid collisions between magnets or other hard surfaces and crash, this could damage magnets, especially when used in humid environment.

MAGNETIC SPECIFICATION

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Br	1.216 T
	12.16 KGs
Hcb	942 KA/m
	11.83 kOe
Нсј	1098 KA/m
	13.80 kOe
BHm	286.28 kJ/m3
	35.98 MGOe
Bd	0.603 T
	6.03 KGs
Hd	475 kA/m
	5.96kOe



STORAGE

Keep neodymium magnets in a dry place, away from heat sources. If possible stock them in styrofoam boxes, to avoid oxidation.

WORKING TEMPERATURE

On our technical data sheet it-s indicated the max working temperature which can be subjected magnets. If temperature exceeds, the magnetic field could be field up to zero.

THICKNESS SURFACE TREATMENT

Ni + Ni + Ni	20-25 m
Ni + Cu + Ni	25-35 m
Zn	7- 10 m
Ni + Cu + Zn	20 - 25 m
Ni + Gold	20 - 25 m
Ni + Cu +Epoxy	35-45 m

CHEMICAL COMPOSITION

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Nd	27 - 32 %
В	0,8 -1,2 %
Dy	1 -8 %
Со	0 - 4 %
AI	0 - 1 %
Pr	0 - 5 %
Fe	60 - 70 %

These information is for informational purposes only. Because of the diversity of materials and the multiple applications is responsibility of the user determine the suitability of the product for its uses and then adopt the necessary precautions to ensure the safety of things and people against any danger arising from the use of the product. The responsibilities of ITALFIT MAGNETI SRL are limited to guarantee the constant quality of the product; in particular, the liability for damages deriving from accidents of any kind is declined. Including loss of profit. The information contained here can be changed for technical reasons.