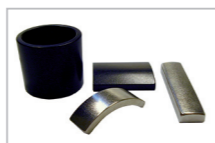


For your Magnetic Technology!

Magnets, Profiles and fixing systems.

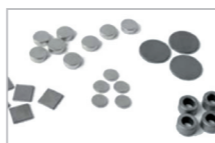
CompoTech Co. realizes high performance customized permanent magnets on your needs. They have a strong magnetic force and they can be used for application up to 220° C.



NYO mag
Sintered Neodymium, Iron and Boron Magnets.



IRON mag
Ferrite and Plasto-Ferrite Magnets.



SAO mag
Samarium Cobalt Magnets.



BON mag
Bonded Plasto-Neodymium Magnets.



PLASTO mag
Injected moulded Plasto-ferrite magnets.



COMPO TECH CO.
PRODUCIAMO COMPONENTI PER L'INDUSTRIA



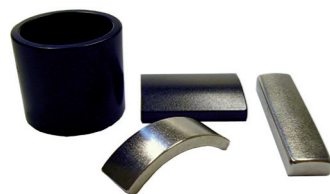
COMPO TECH CO.
PRODUCIAMO COMPONENTI PER L'INDUSTRIA



IE3 - IE2
NEW REGULATION FOR ELECTRIC MOTORS

STARTING FROM THE **1ST JANUARY 2015** THE 2/4/6 POLES ELECTRIC MOTORS WITH POWER RANGING FROM 7.5 KW TO 375 KW MUST HAVE A MINIMUM EFFICIENCY **IE3 (PREMIUM)** OR **IE2** IF THEY ARE FED BY AN INVERTER.

Magnets,
as you want!



NYO mag

Sintered Neodymium,
Iron and Boron Magnets.

New magnets made by sintering neodymium, iron and boron powders. Features:

- Working temperature: up to 220° C
- Maximum energy product (BHmax): up to 48 MGOe
- Residual Induction(Br): up to 14800 Gs

They are suitable with different coatings: nickel, zinc, epoxy, phosphate; and with different kind of magnetization: Axial, Radial, Axial multipole, Radial multipole, Diametrical. They allow a variety of shapes without any tool.



Application example: Brushless motors



Application example: Axial fan

Many shapes,
Different magnetizations!
magnetizations!



IRON mag

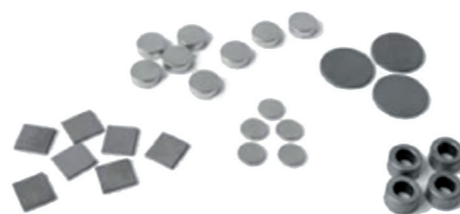
Ferrite and Plasto-Ferrite Magnets.

Magnets made by sintering of powders of ferrite, strontium and iron, or by compression of Plasto-ferrite, with high magnetic features, such as:

- Working temperature: up to 450 ° C
- Maximum energy product (BH max): up to 4.4 MGOe
- Residual Induction (Br): Up to 4500 Gs

Those magnets can be made by a "wet" or a "dry" sintering process: this allow different shapes, segments, cylinders, rings, blocks. They don't need any coating, so the corrosion is minimized. There are different types of magnetization: radial, axial and diametrical.

Your shape
without any tool!



SAO mag

Samarium Cobalt Magnets.

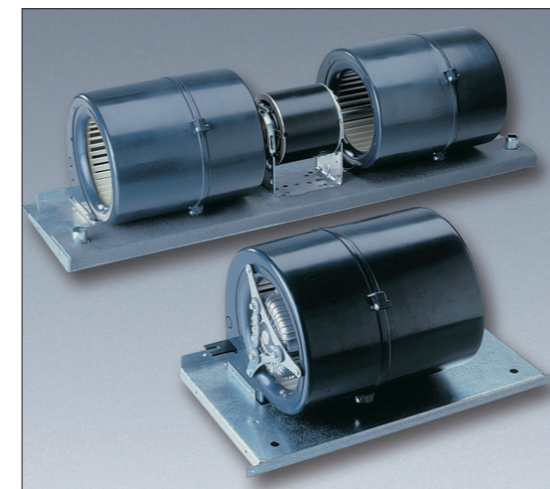
SAOMAG is the new high performance sintered samarium cobalt magnet. Its main feature is application at high working temperatures up to 350°C. Its sintering process permit to achieve more powerful features and to meet customer needs. After sintering process, the magnets are machined to obtain desired variety of shapes without extra-tool.

Features:

- Maximum energy product (BHmax): up to 30 MGOe
- Residual Induction(Br): up to 11500 Gs
- Tollerances ± 0.05 mm



Application example: Torque motor



Application example: Fan Coil Motor

Low tolerances,
high performances!



BON mag

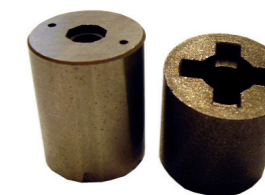
Bonded Plasto-Neodymium Magnets.

It's the innovative product line of Plasto-neodymium magnets, made by pressed rare earth metals and plastic materials. From the compression process of the plastic components and the Neodymium, iron and boron powders, it obtains magnets with low tolerances, about 0.015 mm.

They are available with different kind of magnetization:

- Radial
- Axial
- Radial multipole on the internal diameter
- Axial multipole on the external diameter
- Diametrical
- Inclined Radial.

Your shape
by a single tool!



PLASTO mag

Injected moulded Plasto-ferrite magnets.

Moulded magnets made by ferrite and plastic materials powders. They have very high magnetic proprieties, such as:

- Maximum energy product (BHmax): up to 2.2 MGOe
- Residual Induction(Br): up to 3000 Gs
- Intrinsic coercive force (Hc): up to 3500 kOe

They are available with different kind of magnetization:

- Radial
- Radial multipole
- Axial
- Axial multipole.



Application example: Centrifugal Blower