



3OMATEC

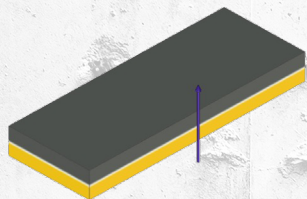
MORE THAN JUST MAGNETS

TYPES OF MAGNETISATION

Block-Axially

Picture:
Axially - Along Thickness
(Available along Width & Length as well)

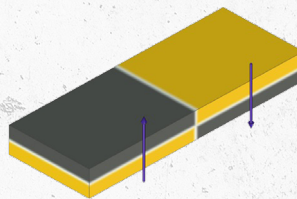
Available for:
All materials



Block-Axially-Multipolar

Picture:
Axially - Along Thickness - 2 Poles
(Different pole qty is possible as well)

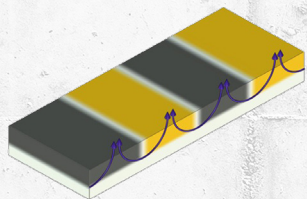
Available for:
All materials (One side can have weaker performance, depending on design and magnetization process / coil design)



Block-Laterally on Surface-Multipolar

Picture: Laterally on Surface - 4 Poles
(Different pole qty is possible as well)

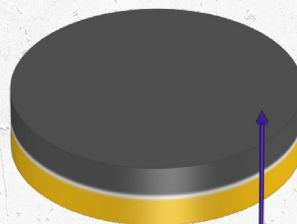
Available for:
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)



Disc-Axially

Picture: Axially

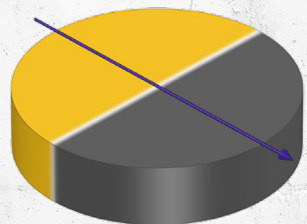
Available for:
All materials



Disc-Diametrically

Picture: Diametrically

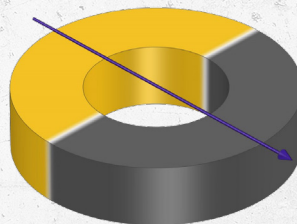
Available for:
All materials



Ring-Diametrically

Picture: Diametrically

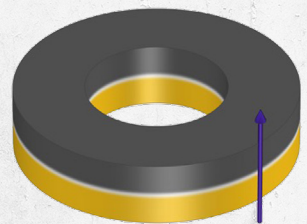
Available for:
All materials



Ring-Axially

Picture: Axially

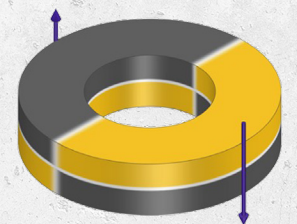
Available for:
All materials



Ring-Axially-Multipolar

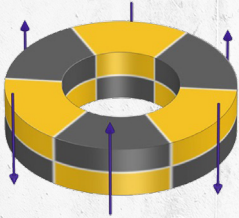
Picture: Axially - 2 Poles
(Available for Disc-Magnets as well)

Available for:
All materials (One side can have weaker performance, depending on design and magnetization process / coil design)



MORE THAN JUST MAGNETS

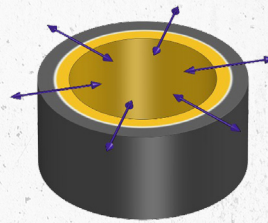
Ring- Axially in Sectors-Multipolar



Picture: Axially - 6 Poles
(Different pole qty is possible as well)

Available for:
All materials (One side can have weaker performance, depending on design and magnetization process / coil design)

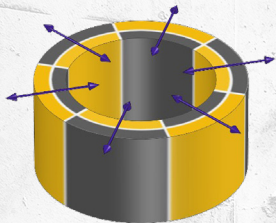
Ring-Radially-Unipolar



Picture: Radially - Unipolar

Available for:
Sintered NdFeB (Anisotropic)
Hot Pressed NdFeB (Anisotropic)
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic & Anisotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)

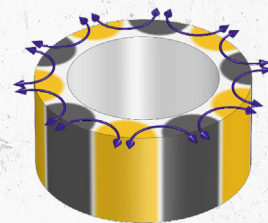
Ring- Radially-Multipolar



Picture: Radially - 6 Poles
(Different pole qty is possible as well)
(Available with Skew-Angle as well)

Available for:
Sintered NdFeB (Anisotropic)
Hot Pressed NdFeB (Anisotropic)
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic & Anisotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)

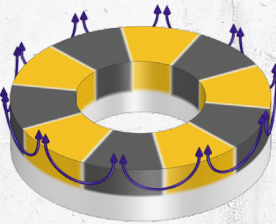
Ring-Laterally on Outside Diameter-Multipolar



Picture: On Outside Diameter - 10 Poles
(Different pole qty is possible as well)
(Available on Inside Diameter as well)

Available for:
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)

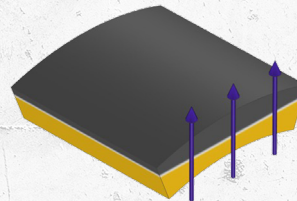
Ring-Laterally on Surface in Sectors-Multipolar



Picture: Laterally on Surface - 10 Poles
(Different pole qty is possible as well)

Available for:
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)

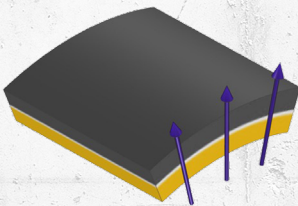
Segment-Diametrically



Picture: Diametrically

Available for:
All materials

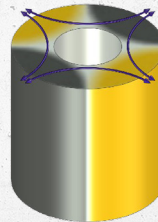
Segment-Radially



Picture: Radially

Available for:
Bonded NdFeB (Isotropic)
Sintered Ferrite (Isotropic & Anisotropic)
Injection Molded Materials (Isotropic)
Injection Molded Materials (Anisotropic)

Cylinder- Polar Anisotropic-Multipolar



Picture: Polar Anisotropic - 4 Poles
(Different pole qty is possible as well)

Available for:
Sintered NdFeB (Anisotropic)
Sintered Ferrite (Anisotropic)

BOMATEC MAGNETON

Calculate magnetic force yourself

MAGNETON - The new force calculation tool from BOMATEC
BOMATEC has developed the unique MAGNETON - a tool for calculating the magnetic force of magnets according to your specifications. Enter a few specific parameters.
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