



FERRITE MAGNETS

ISOTROPIC MAGNETS

ANISOTROPIC MAGNETS

NEODYMIUM MAGNETS

PLASTIC MAGNETS

SINTERED NdFeB

INDUCTION LIGHTNING

SAVE UP TO 60%

LIFE OF UP TO 100,000 HOURS

HARD FERRITE ISOTROPIC MAGNETS

Isotropic hard ferrites are produced by dry pressing, i.e. they are made from ferrite powder, which is pressed without the application of a magnetic field. The resulting product may be subsequently magnetised in any preferred orientation according to specific requirements. We are ready to produce any size and shape to meet customers' demands:

CUBOIDS

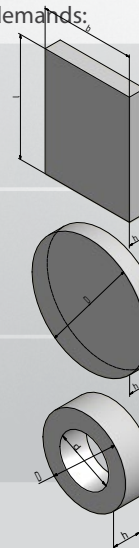
Application: **Automotive industry:** starter engines, distributors, ignitions, etc.
Consumer electronics: speaker parts, lineal motors, etc.

CYLINDERS

Application: **Electrotechnology:** relay switches, etc.
Magnets for everyday use - office and schools, clasping magnets, etc.

TOROIDS

Application: **Electrotechnology:** magnets for rotors, magnets in sensors



HARD FERRITE ANISOTROPIC MAGNETS

Anisotropic hard ferrites are produced by a wet pressing process, i.e. the material is a suspension, which is injected into the mould. The pressing is carried out under a magnetic field which defines the resulting orientation. The magnets produced cannot be re-oriented and retain the orientation gained during the pressing process.

CUBOIDS

Application: **General use:** separators, clamps and similar devices.

CYLINDERS

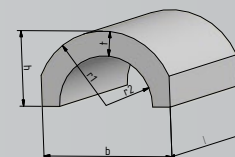
Application: **General use:** clamps, holding magnets, etc.

TOROIDS

Application: **Electrotechnics:** magnets for rotors, magnets in sensors, etc.

SEGMENTS

Application: **Electrotechnics:** directs electrical motors mainly for the automotive industry (motors in electric windows, rear view mirrors, windshield wipers, seat adjustments, engine starters, etc.)



SINTERED NdFeB MAGNETS

Sintered NdFeB magnets are prepared by sintering from a mixture of rare earths neodymium, iron and boron. They possess the highest energy among current permanent magnets and they are supplied in many different shapes and sizes.

APPLICATION:

Automobile industry: for starter engines, separators, ignitions, etc.

Consumer electronics: speaker components, linear motors, etc.



PLASTIC MAGNETS

Magnets synthesised with plastics based on neodymium-iron-boron (NdFeB) are made by dry pressing. All the products undergo surface treatment, because these materials are prone to corrosion. Magnets based on NdFeB generally have better magnetic properties than common ferrite magnets.

APPLICATION Electrotechnics: magnets in speakers, switch systems, etc.

REFERENCES

We are a young and dynamic company with customers in the automotive industry and other industries. Quality and timely supply is guaranteed and we promise further successful cooperation.

Among other references, we are subcontractors of magnetic materials for the company, which produces accessories for mobile roof systems featuring direct motors.

If you are interested in contacting our reference customers, we are ready to provide you with contact details.

At present, we cooperate in the research and development of NdFeB materials under higher temperature load and higher magnetic properties. The research is carried out through VŠB- Technical University of Ostrava (<http://www.fmmi.vsb.cz/rmtvc/cs>).

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work with attraction

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We believe we can contribute to further applications of NdFeB materials not only for our current customers, but also for new customers. We also cooperate with a modern, state-of-the-art laboratory at VŠB-TU Ostrava in inspecting magnetic materials we export to the EU.

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