

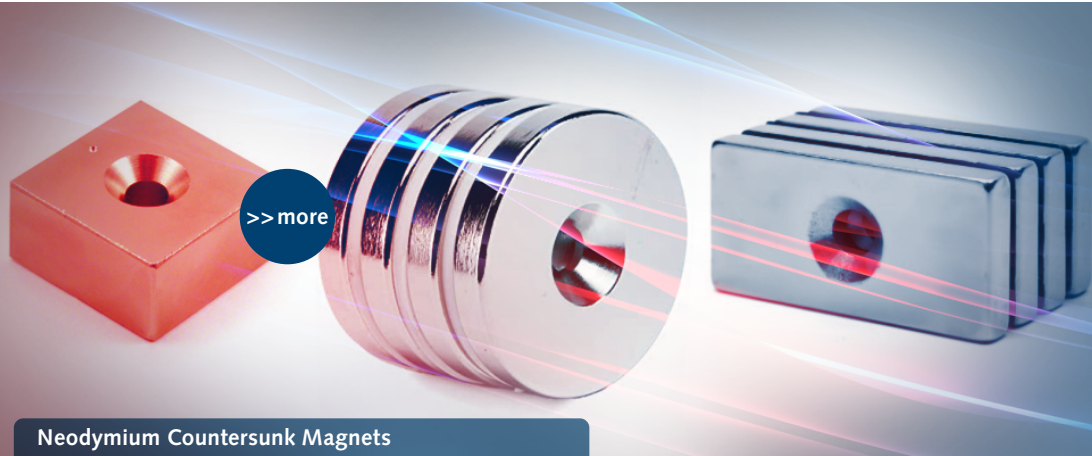
A close-up photograph of a human eye, with the iris and pupil visible. A semi-transparent, stylized 'M' logo is overlaid on the eye. The left side of the image has a red tint, and the right side has a blue tint.

# SOLUTIONS

WELCOME IN OUR WORLD OF MAGNETS

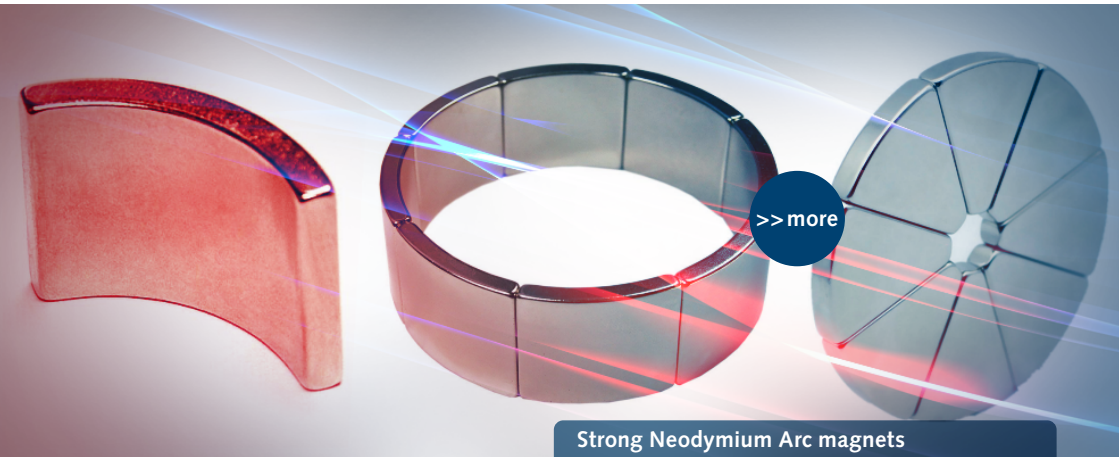


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### Neodymium Countersunk Magnets

They are a unique type of neodymium disc/block magnet with a countersunk hole to fit a screw perfectly. Magnets with countersunk mounting holes allow them to be screwed into place with the screw head flush, making them ideal for any DIY task. Common uses for these magnets include DIY, Cabinet making, retail units and shelving units.

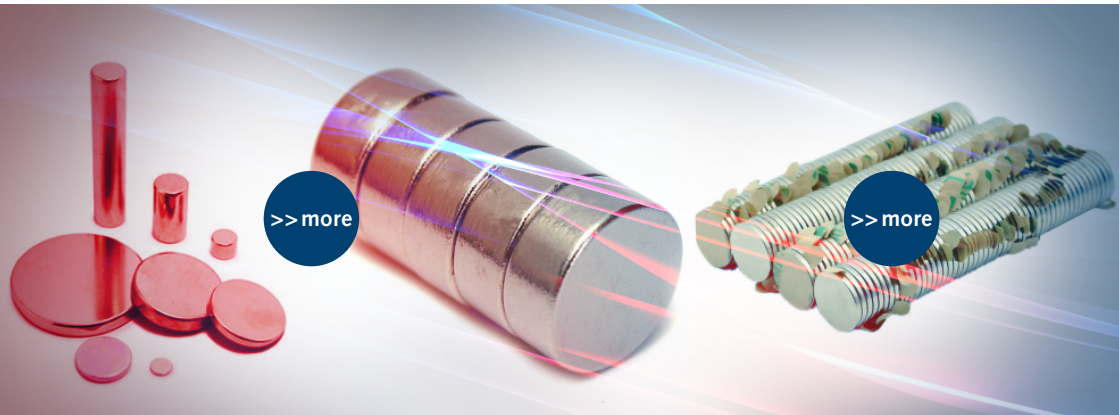


### Strong Neodymium Arc magnets

They are used in building motors, generators or magnetic bearing. Since neodymium magnets N35,N36,N42,N45, 50 & N52 are much stronger than other magnets, using strong neodymium magnets can build much more powerful motors and generators assemblies.



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### Strong Neodymium Round Disc Magnets

Neodymium (also known as „NdFeb“, „NIB“ or „Neo“) disc magnets are the most powerful rare-earth magnets available today. Available in disc and cylinder shapes, Neodymium magnets have magnetic properties that far exceed all other permanent magnet materials. They are high in magnetic strength, moderately priced and able to perform well in ambient temperatures. As a result, they are the most widely-used Rare-Earth magnets for industrial, technical, commercial and consumer applications.

### Adhesive Neodymium Magnets

They are thin neodymium magnetic discs and magnetic block magnets pre-applied with 3M peel and stick adhesives. This adhesive attached powerful neodymium magnet lets you place the ease and reliability of Neodymium Magnets almost anywhere. Magnets have been used for closures and cabinets for a long time. Neodymium disc magnets and block magnets to glue on: You can find strong, flat & versatile self-adhesive magnets in our online Magnet-Shop.

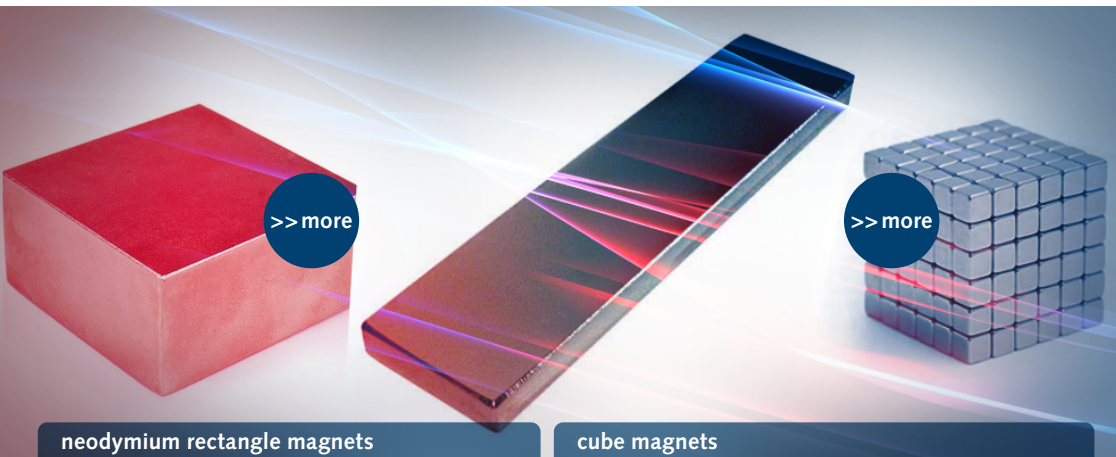


### Strong Neodymium ring magnet

The Neodymium ring magnet in our range are versatile, high-performance. Ring magnets can be magnetised with their north and south pole on opposite circular faces or diametrically magnetised so that the north pole is on one curved side and the south pole is on opposite curved side. They are used in many everyday appliances such as vacuum cleaners plus motors, generators, rotor shafts and more.



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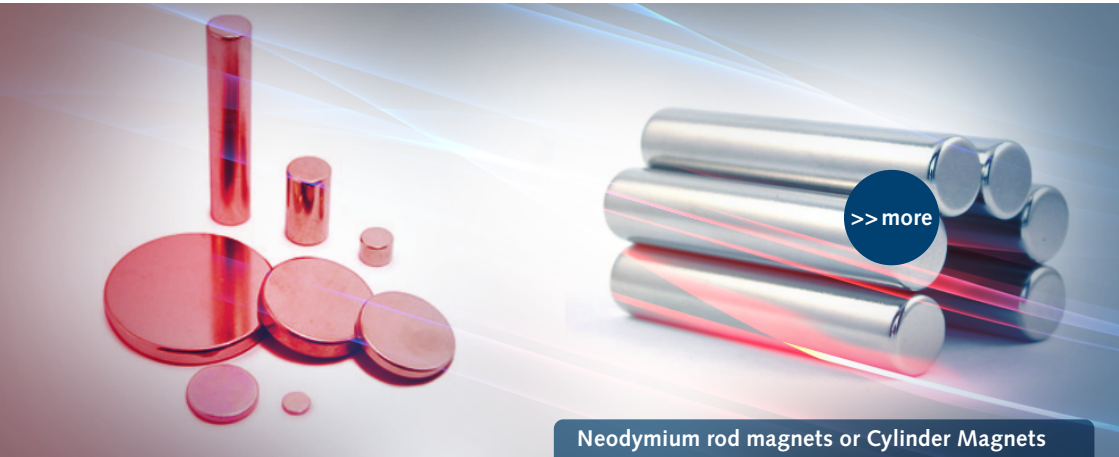


### neodymium rectangle magnets

Our wide selection of neodymium rectangle magnets give you much to choose from. Neodymium bar, block and cube magnets are incredibly powerful for their size, with an approximate pull strength of up to 1760 lbs. Neodymium magnets are the strongest permanent, rare-earth magnets commercially available today with magnetic properties that far exceed other permanent magnet materials. Their high magnetic strength, resistance to demagnetization, low cost and versatility make them the ideal choice for applications ranging from industrial and technical use to personal projects.

### cube magnets

This popular cube magnet has been used in countless applications and is renowned for its incredible strength despite its small form factor. Cube Magnets are used as medical magnets, sensor magnets, robotics magnets, and halbach magnets. Cube magnets produce uniform magnetic fields around the magnet. Here are a few applications: Stud finder, science projects and experiments, magnetic pick-up tool, home improvement, DIY projects.



### Neodymium rod magnets or Cylinder Magnets

They represent a popular shape of Rare earth magnets and permanent magnets. Rod magnets have a magnetic length which is larger than their diameter. This enables the magnets to generate very high levels of magnetism from a relatively small surface pole area. These magnets have high 'Gauss' values because of their greater magnetic lengths and deep depth of field, making them ideal for activating reed switches, Hall Effect sensors in security and counting applications.





### Neodymium Magnet Hooks

These large Neodymium Magnet Hooks, clamping magnets provide an astonishing clamping force. The Neodymium magnets are sunken in to a steel shell meaning that the north pole is on the centre of the magnetic face and the south pole is on the outer edge around it. The steel pot increases the adhesive force of the magnets giving them an incredible hold for their size.

Our range of hook and eyebolt magnets can be easily attached to any steel surface and provide clamping forces of up to 160kg.





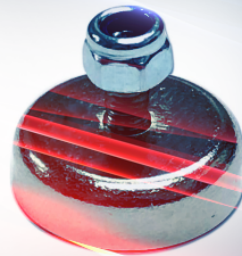
### Countersunk pot magnets

They are available with either pole on the magnetic face so that they can be used as a pair to attract or repel. If you are using two magnets to attract you need to make sure the opposite poles are facing each other as identical poles will repel! This magnet in a steel pot has a countersunk borehole and can be fastened with a countersunk screw.



### Pot magnets with threaded stud

Pot magnets (neodymium magnets) with threaded stud. These pot magnets have a stem with an external screw thread. You can slide the stem, for instance, through a hole and fasten it with a nut. Pot Magnet with External Threaded Stud have an improved magnetic circuit, which allows clamping forces to be achieved through minimal size.



Customized Neodymium Pot Magnets with External Thread Stud can be made upon request.



#### pot magnets Internal Threaded Stud

Magnosphere offers pot magnets that are internally threaded stud popularly known as Internal Threaded Stud. These magnets have a very large force, which can clamp down the ferromagnetic material because of its Ni or Zinc plated mild steel. Thus, allow a magnetic circuit with improved material, which can achieved with minimal sizes.



## Magnet Fishing

Magnet Fishing Super Strong Neodymium Round Magnets for Treasure Hunt. Have fun for river and lake magnet fishing on a vacation or family activities. Great for spending time with family exploring what can be found in rivers, lakes or anywhere else. Handy assembly for lifting, positioning, holding, retrieving and more. Salvage for various iron containing nickel material in river. This river or lake Fishing Magnet has 1200kg holding power.

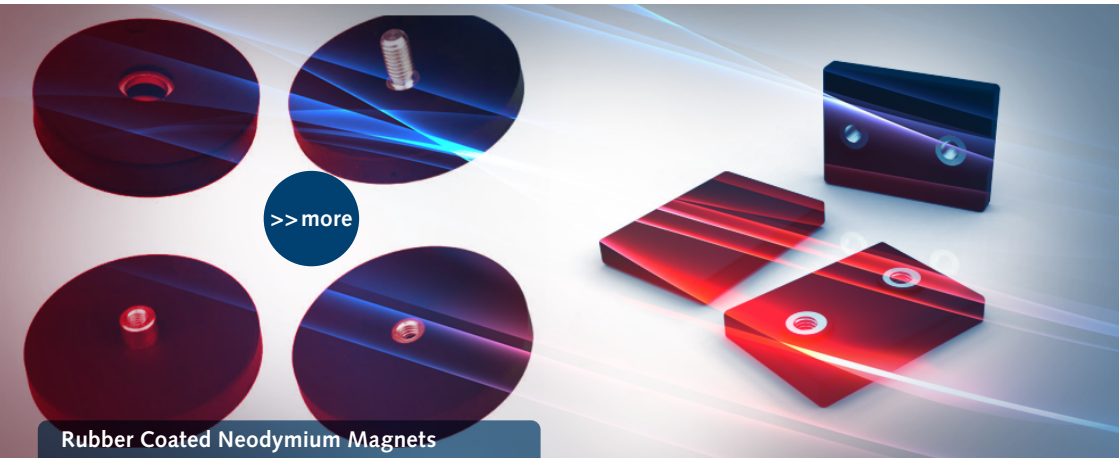


### High Power Neodymium Hook /Eyebolt clamping magnets

High Power Neodymium Hook and Eyebolt clamping magnets are extremely strong and popular clamping magnets. These magnets are commonly used for holding portable lighting to steelwork, keeping cables off the floor on building sites and providing a temporary hanging point on any steel surface. The neodymium magnets are sunken in to a steel shell meaning that the north pole is on the centre of the magnetic face and the south pole is on the outer edge.

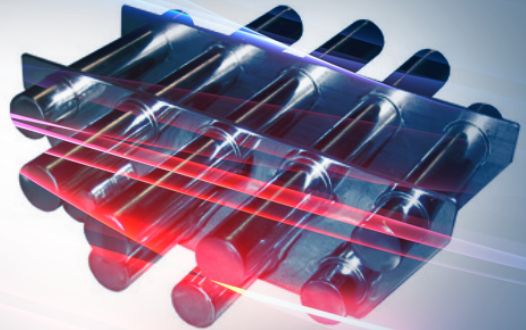
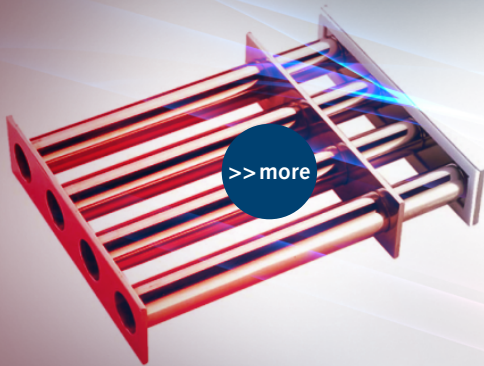


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### Rubber Coated Neodymium Magnets

These Rubber Coated Neodymium Magnets are high strength rare earth magnets with a durable Santoprene rubber coating to protect sensitive surfaces like glass and plastics, or any highly finished vehicular surfaces. They are often used for holding, gripping or clamping functions. Rubber coated mounting magnets sometimes feature a central threaded hole so that you can attach them with a bolt. Alternatively you can insert a hook or eye bolt.



### square and round magnetic grids

The square and round magnetic grids from Magnosphere filter ferromagnetic (Fe) metal contamination from free-falling, free-flowing bulk materials. The hopper magnets separate magnetic iron, steel and even weakly magnetic particles, such as those from machined stainless steel. Magnetic grates are used for applications in the plastics, food, pharmaceutical, ceramics and other industries.



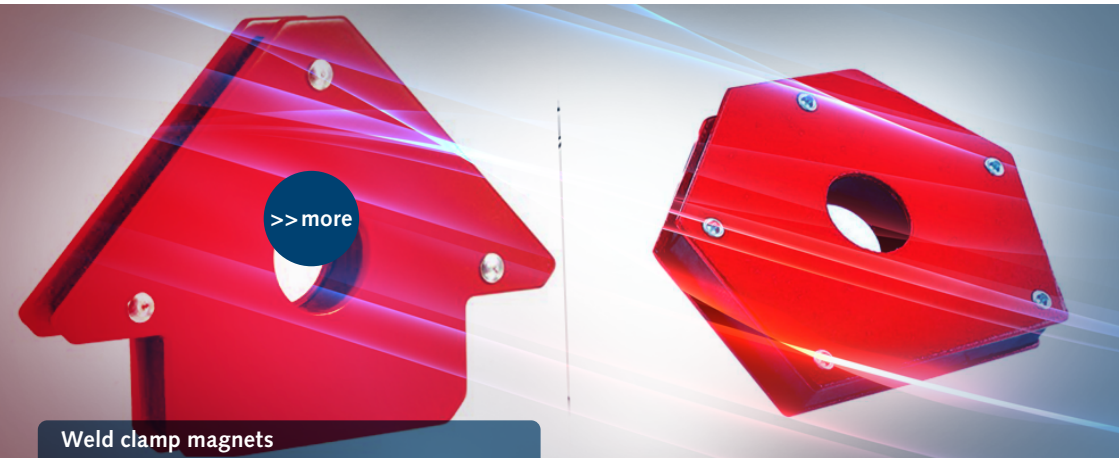


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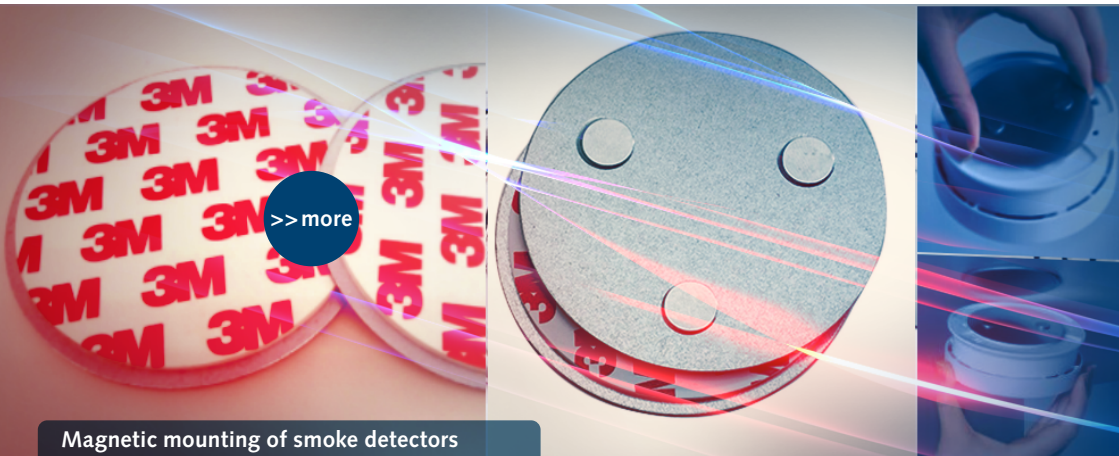
**Magnetic knife rack**

Magnetic knife rack makes it easy for you to see and reach all your different knives when you cook. Magnetic knife racks preserve the edges on your knives since they don't scrape together in a drawer. Adds a decorative touch to your kitchen.



A weld clamp magnet is a type of magnet that is used to aid the welding of pieces of steel or iron together. Weld clamp magnets can hold round, square, or flat pieces of iron or steel. Several weld clamp magnets can be used in conjunction with each other.

They are often used to hold steel or iron fabrications in place for final checking before welding all of the parts together. Designed to enable fast and accurate holding of ferrous metals for welding and assembly jobs.



### Magnetic mounting of smoke detectors

Safe protection against a silent death. Ideal for apartments, private houses, mobile homes and caravans. Safe installation without tools or mess. Installation in less than 5 minutes. No drilling means no worries about drilling into electric or other cables. Secure installation for most types of ceilings. Allows simple and easy changing of batteries and smoke detector tests.

No danger of cables damaged while mounting. Alternative, self-adhesive mounting possibility of smoke detectors, completely without drilling. Brackets in place for final checking before welding all of the parts together. Designed to enable fast and accurate holding of ferrous metals for welding and assembly jobs.



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## Magnetic Sweepers

Magnetic Sweepers with Neodymium Magnets are the best solution for quick, easy and safe cleaning of large areas for nails, swarf and other ferrous metal objects. For large car-park areas, you simply cannot go past the speed and efficiency of a magnetic sweeper for picking up objects that may puncture tyres etc. With our many types of magnetic brooms and sweepers you have a dozen or so good reasons to remove metal fragments from the workplace and surrounds.