

ECOBRA

Important facts about magnets

Magnetism already exists since ancient times, beginning with the seafaring, over the development of the hard disk storage in the computer industry or the use in the medical sector, in daily use in the office or at home, for fixing notes or for use in model making and creative design, at trade fairs and exhibitions. Not to forget the fine arts working with magnets when creating so-called “movable works of art” in different techniques.

For its extremely high adhesive force (10-15 times stronger compared to hard ferrite magnets) the **neodymium magnets** are the best suited, because as they are very versatile, and yet also, depending on the model, can look very elegant. As classics for your memo board the **hard ferrite magnets** are appropriate as well.

Safety Instructions:

- Don't bring the magnets too close to each other, as they have a strong attractive force and can collide violently. Thus the magnets can break. Improper use may result in injury, mainly by bruising.
- Magnets must not be soldered or welded.
- Neodymium magnets have a maximum working temperature of 80 °C.
- Keep the magnets away from all kinds of data storage media, , credit cards, videos, mechanical watches, pacemakers or all other devices which might be damaged by magnetic fields.
- Don't move magnets without under layers over a glass board, otherwise it could get scratches.
- Magnets are no toys! Please make sure that magnets are kept away from children. If children swallow magnets, especially several of them, they could come into a life-threatening situation
- Neodymium Magnets are brittle. If two magnets collide, they can crack. Sharp splinters could be catapulted away for several meters and injure your eyes. Please avoid collisions of magnets.
- When working with big magnets please wear safety glasses to protect your eyes.
- Please Make sure that nearby people are also protected or keep their distance.
- In principle, however, the use of magnets is harmless for healthy people. Influences of magnetic fields of our magnets on the human body are not known.