

Safety information



Pacemakers

People with active medical devices (e.g., pacemakers) can be at risk in the immediate vicinity of magnets (magnetic fields). If handling magnets is unavoidable for these persons, please consult a doctor beforehand.



Risk of crushing

Magnets can attract each other (even over large distances) and cause injuries. To avoid crushing and/or bruising of fingers and hands, we recommend wearing suitable protective gloves and handling the apparatus with care.



Risks to children

Magnets are not toys. Make sure that magnets do not get into the hands of children. Swallowing magnets, in particular, can lead to life-threatening injuries.



Splintering

Avoid collisions between magnets. The impact can lead to the formation of sharp-edged metal splinters – there is a risk of injury. Furthermore, the coating applied to the magnets to protect them against environmental influences can chip off.



Risk of destruction of sensitive components by magnetic fields

Watches, credit cards, bank cards, identity cards with magnetic strips and sensitive electronic devices must be kept away from magnets, otherwise they may be damaged or destroyed.



Flammable materials

If magnets are dry ground, sparks can occur because the material particles that have been removed can spontaneously ignite, especially in the case of NdFeB (neodymium) magnets. We therefore generally advise against machining rare earth magnets for safety reasons. Sparks are also possible when two magnets collide with each other.



Nickel allergies

Many magnets contain nickel or are coated with nickel. People with a nickel allergy are advised to avoid long-term skin contact with magnets and to take appropriate protective measures.



Air transport

During air transport, magnets are classified as hazardous materials due to the magnetic fields they create. Therefore, it is absolutely essential to use packaging that is suitable for air freight. As qualified IATA inspectors, we can help you with this.



Dispatch by post

When sending magnets by post, proper packaging is required. Therefore, please observe our packaging regulations, especially when returning magnets to us. Please contact us if you need more information.



External factors

Magnets have varying sensitivity to environmental influences depending on the magnetic material used. Therefore, always pay attention to the recommended application conditions. The magnets can corrode, break or become demagnetized. Contact us if you have any questions – we will be happy to advise you!



Temperature resistance

Please pay attention to the stated temperature resistance of the magnetic material. If magnets are used outside the permissible temperature range, there is a risk of permanent loss of their attractive force or complete demagnetization. If magnets are used in combination with other materials, e.g., plastic or rubber, the temperature limits of these materials must be considered separately.

