

Security advice for the general handling of magnets

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Please pass this security advice to all staff members, customers and other persons who handle our products or processed parts.

Hazard through magnets



- Risk of injury by crushing
- Risk of injury by chips
- Hazard through magnetic fields
 - cardiac pacemaker
 - magnetic data carrier
 - electronic device
- Fire hazard
- Health hazard at contact with food and drinking water

Handling

- In order to avoid crushing bring magnets or magnetic iron parts carefully together (if necessary use protective gloves).
- Do not let iron parts (tools) lie around.
- Wear protective glasses! Magnets may chip when attached and the chips may cause eye injuries.
- Persons wearing cardiac pacemakers may not expose themselves to any magnetic fields.
- Electronic device and magnetic data carriers must be kept off magnetic fields.
- We advise that AlNiCo magnets should **generally not** be used in direct contact with food as metallic ions may be set free in water containing environments.

Caution during magnetization

- Magnets may be thrown out with force from the magnetic field! Do not look in field direction.
- Secure magnets in magnetizing spool. Never hold with free hand.
- Keep surrounding area free of magnetic parts.
- Magnets between iron poles may burst.
- Follow the instructions of use for magnetizing device and spools.

Transport

The regulations for stray magnetic fields during carriage by air must be followed. These regulations are valid also for built in magnets.