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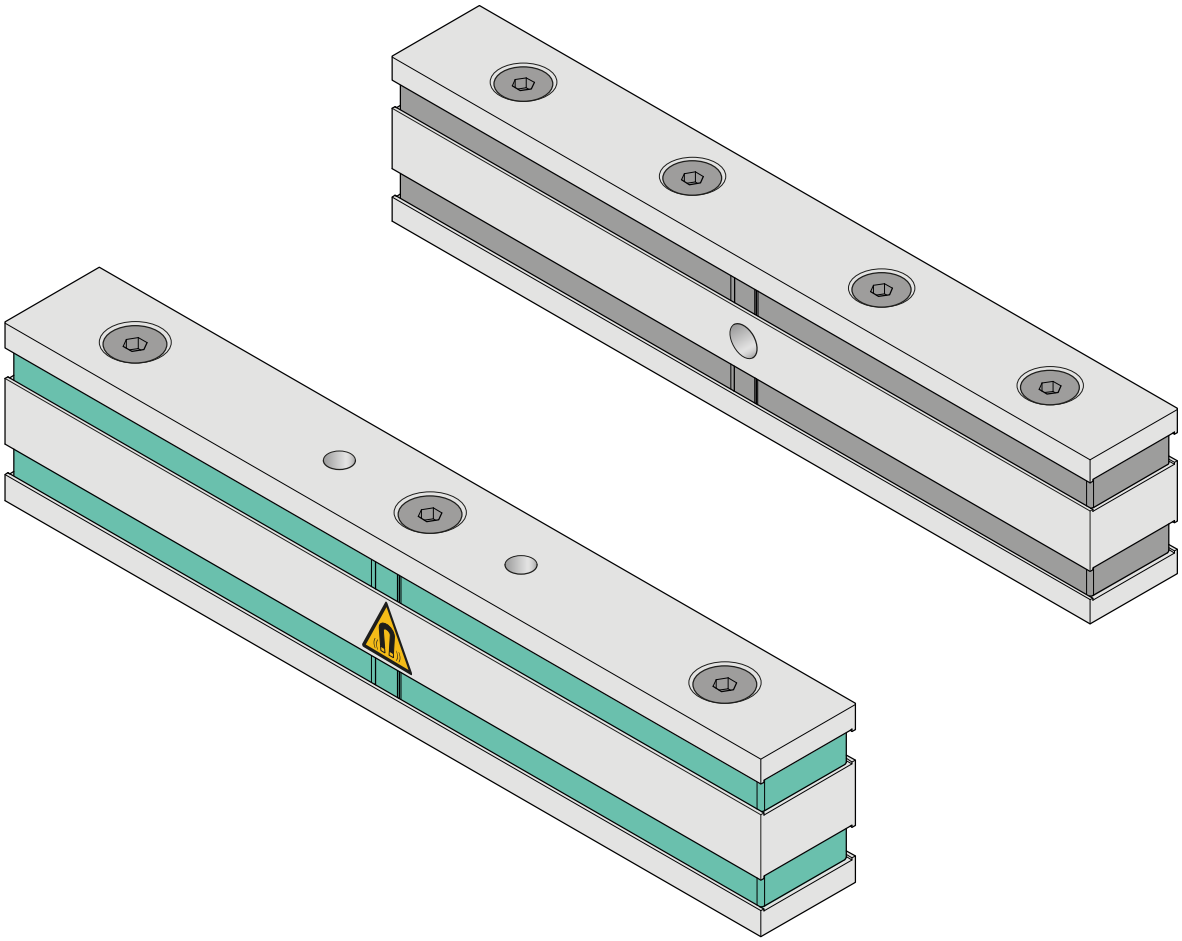
User manual

Shuttering magnets



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P.O. box 18 5580 AA Waalre
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Tel.: +31 (0)40 221 32 83
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Safety instructions

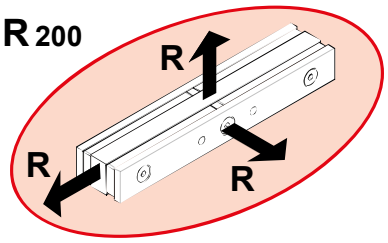
Risk of crushing

Pay attention when working on the shuttering magnets, personal injury can occur.
Make sure your fingers can not get caught between the shuttering magnet and the jig.

Strong magnetic field

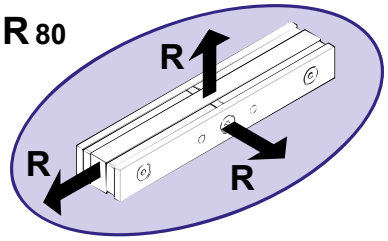
The magnets generate a powerful magnetic field that attracts ferromagnetic particles.
This also applies to ferrous materials that one carries with him, such as house wrenches, money and tools.

Observe the following when exposed to magnetic fields from the shuttering magnet:



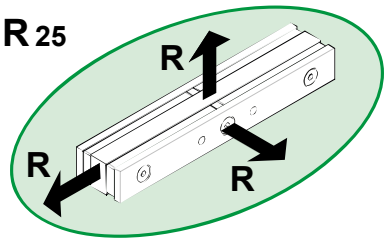
Life danger for persons with implanted medical devices

Persons with active implanted medical devices (i.e. pacemaker, defibrillator, insulin pump) must not enter within a radius "R" of **200 mm** from the shuttering magnet.



Damage to magnet sensitive objects

Objects which contain ferro-magnetic parts, such as bank, credit or chip cards, keys and watches can be irreparably damaged when they come within a radius “R” of **80 mm** from the shuttering magnet.



Pregnant personnel should keep a minimal distance of **25 mm** from the magnet bars.

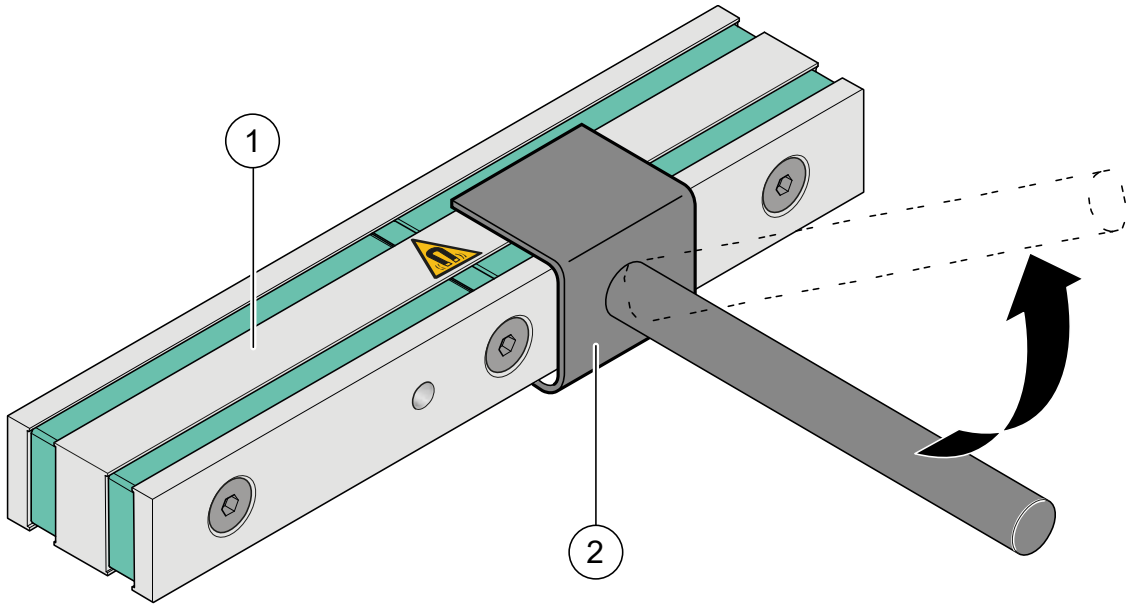
N.B. Occupational exposure limit values (general and for limbs) are not exceeded.

Product description

The shuttering magnets (permanent holding magnets) are suitable for securing (fixing) steel moulds in the concrete industry. For example, when you want to temporarily position metal profiles for use as a form while pouring a concrete floor.

These clamping magnets are designed to obtain the highest possible holding power. To achieve this, good contact with the surface is necessary, since even a small air gap will reduce the holding power.

Shuttering magnets [1], or fixing magnets, can be used to hold steel panels, beams, fences and jigs in place. An accessory [2] on the magnet enables the user to release the work piece again.



Characteristics

- Not switchable
- Max. holding force is 9000 N
- Compact design
- Suitable for ambient temperatures from -20 °C to +80 °C.