

Working with scatter magnets

1. Purpose

Working safely with or in the vicinity of the magnets on the Kokat

2. General

The function of the magnets is to spread the products so they are easier for the robot to grab.
Spreading is done using a north and south pole next to each other in the vertical direction of the magnet.

3. Risks

- Trapping between large steel objects and the magnet
- Trapping between two magnets during disassembly.
- Shattering of magnets due to falling or sudden attraction of each other or steel objects
- Disruption of medical devices by magnetic field
- Damage to magnetic cards, watches or equipment by magnetic field

4. Measures

- Before starting work, empty the Kokats and shield the magnets with caps
- Only fit/remove one magnet at a time and store them in isolation.
- Use separate handle for transport of magnets.
- Try to work with anti-magnetic tools in the vicinity of the magnets
- Do not leave steel objects lying loose near the magnets.
- Do not work with magnets on a steel workbench

5. Picture

6. Pictograms



7. Required PPE



- Carefully consider every action you make while you have a magnet in your hand.
- Do not allow yourself to be surprised by sudden magnetic attraction
- Use the handle and shields



- Never leave multiple loose magnets lying around.
- No steel strips or thick objects in the vicinity of the magnets