

# Press Release

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## Quick and easy to install; ELESA retaining magnets

Elesa now offers a line of **retaining magnets**: flat, cylindrical, U-shaped magnets with pass-through hole, shielded and unshielded for high performance and minimal space requirements.

Retaining magnets are an easy and safe solution for industrial applications where non-permanent fixing is required or where it is not possible to drill holes. For example, they are commonly used in automation, control systems, electro-medical equipment, etc.

Their functionality is based on the force of magnetic attraction, which is transmitted through lines of force that are collectively referred to as a magnetic field.

Elesa offers four types of magnets in the following materials:

- **Hard ferrite** magnets (HF)
- **Aluminium nickel cobalt** magnets (AlNiCo – AN)
- **Samarium cobalt** magnets (SmCo – SC)
- **Neodymium iron boron** magnets (NdFeB – ND)

These solutions offer different values of attraction force (good, medium, strong or very strong) and offer varying performance depending on application conditions such as temperature resistance (from  $\approx 175^{\circ}\text{F}/80^{\circ}\text{C}$  to  $\approx 850^{\circ}\text{F}/450^{\circ}\text{C}$ ), corrosion and machinability.

### Advantages of magnets:

- Cost-effective and time saving
- Immediate attraction and perfect holding
- No need for holes during fixing, thus eliminating hooks, clamps, etc.
- Increased workplace safety

Technical data sheets, along with drawings and tables with product codes and dimensions are available on our website [elesa.com](http://elesa.com).

*RMA and RMH flat retaining magnets*



*RMQ and RMM cylindrical retaining magnets*



*RMR U-magnets and RMA-US unshielded flat retaining magnets*



## Press Box

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