

Technical Data Sheet

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High-temperature – holding magnet

*Magnetic clamping system for
external insulations*

Product Specification

The high thermally resistant holding magnets can be combined with BRANDENBURGER insulating materials.

Special Material Characteristics

- high holding force at higher temperatures
- flexible capabilities

Range of Applications

High-temperature holding magnets allow an easy assembly of BRANDENBURGER insulation systems on moulds, tools, nozzles, devices and machines. Especially if a frequent access to the external surfaces is necessary (for e.g. special cleaning and maintenance work).

Attachment

The high-temperature holding magnets are sewn into textile outer insulations or fixed in a counter-sinks of a heat insulation board.
The quantity of magnets depends on the respective load situation.

Technical Data*:

Max. service temperature • long-term	280	°C
Adhesion force at diameter**		
25 mm	105	N
32 mm	235	N
40 mm	540	N

*) Further technical Details on request.

**) The values are valid for a tolerance of +/- 5 % for the adhesion on a polished steel plate made of ST 37 with a thickness of 10 mm and with vertical withdrawal of the magnet.



Delivery information

Thickness: 7 to 8mm
Diameter: 25; 32; 40 mm

Specifications are subject to alteration due to technical development. The standard values given in this data sheet are not part of any contract.