

Oxid-Magnete Oxide magnets Aimants Oxid

Kurzprofil

- preiswert
- großer Temperaturbereich
- großer Temperaturindex
- spröde
- empfindlich gegen Schläge (Absplitterung)
- schwer bearbeitbar

Materialbeschaffenheit

Oxidmagnete (auch: Keramikmagnete) sind Hartferritmagnete aus Barium- oder Strontiumferrit.

Lieferformen

Oxidmagnete sind rund, quader- oder ringförmig erhältlich.

Summary

- low-priced
- wide temperature range
- high temperature index
- friable
- sensitive to impacts (splinter off)
- difficult to be worked

Quality of material

Oxide magnets (also: ceramic magnets) are ferrite magnets of barium- or strontium ferrite.

Available shapes

Oxide magnets are available round, squared or annular.

Résumé

- bon marché
- plage de température large
- l'indice de température grand
- friable
- sensible aux chocs (éclats)
- difficile à façonner

Qualité du matériau

Aimants Oxid (aussi: aimants céramiques) sont des aimants de ferrite dur (ferrite baryum ou strontium).

Formes disponibles

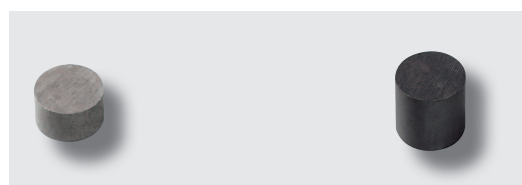
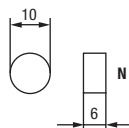
Aimants Oxid sont disponibles en forme ronde, carrée, annulaire.

Technische Daten von Oxid-Magneten
Technical specifications of Oxide magnet
Caractéristiques techniques des aimants Oxid

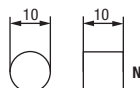
Temperaturkoeffizient/temperature coefficient/coefficient de température	-0,2%/K
Temperaturbereich/temperature range/plage de température	-40°C ... +250°C
Curietemperatur/Curie temperature/température de Curie	ca./approx./env. 450°C
Br	typ. 365 mT
HcB	typ. 175 kA/m
HcJ	typ. 180 kA/m
BH max	typ. 25,5 kJ/m ³
Ausrichtung/orientation/alignement	anisotrop; isotrop/anisotropic; isotropique/anisotropique
Härte/hardness/dureté	typ. 6-7 Mohs

Oxid-Magnete ohne Gehäuse Oxide magnets without housing Aimant Oxid sans boîtier

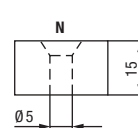
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300 010



301 650

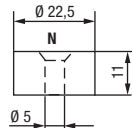


mit Befestigungsbohrung
with mounting slot
avec trou de fixation

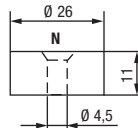


Oxid-Magnete mit Gehäuse
Oxide magnets with housing
Aimants Oxid avec boîtier

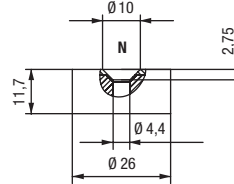
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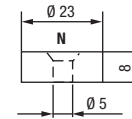
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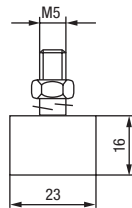
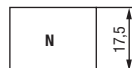
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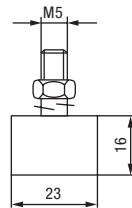
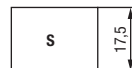
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301 510

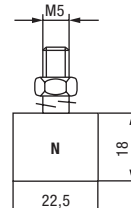


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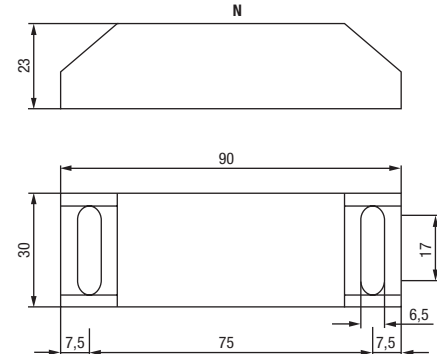


mit Befestigungsschraube
with mounting stud
avec vis de fixation

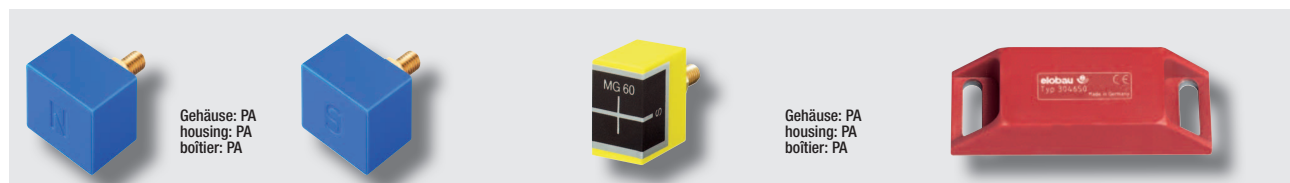
301 600



304 650



mit Befestigungsbohrungen
with mounting slots
avec trou de fixation



Weitere Maße, Farben, Gehäuse verfügbar.
More dimensions, colors and housings available.
Autres formes, dimensions et couleurs disponibles.