Data sheet article ITF-32

Technical data and application safety

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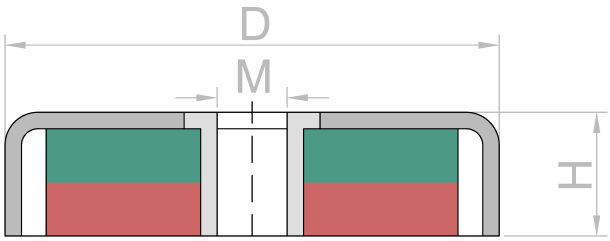
1. Technical information

Ferrite pot magnet Ø 32 mm with internal thread, holds approx. 7,6 kg, thread M4

Article ID	ITF-32
EAN	7640155432689
Material	Ferrite
Strength	approx. 7,6 kg (approx. 74,5 N)
Displacement force	approx. 1,5 kg (approx. 14,9 N)
Colour	Silver-coloured
Pot diameter D	32 mm
Pot height H	7 mm
Thread size	M4
Magnetisation	HF 24/23
Coating	Zinc (Zn)
Max. working temperature	200 °C
Tolerance	+/- 0,3 mm
Steel	DC01 (Germany)
Thread Steel type	11SMn30
Made in	Germany
Design	With internal thread
Shape	Disc
Weight	29,0000 g



Product compliant with the latest European RoHS directive.

Product compliant with the latest European REACH regulation.

2. Safety tips

Danger	Swallowing
	Children could swallow small magnets. If several magnets are swallowed, they could get stuck in the intestine and cause perilous complications.
	Magnets are not toys! Make sure that children don't play with magnets.

Warning

Pacemaker

Magnets could affect the functioning of pacemakers and implanted heart defibrillators.
- A pacemaker could switch into test mode and cause illness.
- A heart defibrillator may stop working.

- If you wear these devices keep sufficient distance to magnets: www.supermagnete.ee/eng/faq/distance
- Warn others who wear these devices from getting too close to magnets.

Warning

Heavy objects

Too heavy loads, symptoms of fatigue as well as material defect could cause a magnet or magnetic hook to loosen from the surface that is was attached to.
Falling objects could lead to serious injuries.

- The indicated adhesive force applies only to ideal conditions. Allow for a high safety cushion.
- Don't use magnets in places where people could sustain injuries in case of material failure.

3. Handling and storing

Caution

Magnetic field

Magnets produce a far-reaching, strong magnetic field. They could damage TVs and laptops, computer hard drives, credit and ATM cards, data storage media, mechanical watches, hearing aids and speakers.

- Keep magnets away from devices and objects that could be damaged by strong magnetic fields.
- Please refer to our table of recommended distances: www.supermagnete.ee/eng/faq/distance

Notice

Influence on people

According to the current level of knowledge, magnetic fields of permanent magnets do not have a measurable positive or negative influence on people. It is unlikely that permanent magnets constitute a health risk, but it cannot be ruled out entirely.

- For your own safety, avoid constant contact with magnets.
- Store large magnets at least one metre away from your body.

Notice

Temperature resistance

Ferrite magnets can be used at temperatures between -40°C and 250°C.
At lower and higher temperatures they lose part of their adhesive force permanently.

Don't use ferrite magnets in places where they are exposed to temperatures below -40°C or above 250°C.

Notice

Mechanical treatment

Ferrite magnets are brittle.
When drilling or sawing a magnet with improper tools, the magnet may break.

Stay away from mechanical treatment of magnets if you do not possess the necessary equipment and experience.

4. Transportation tips

Caution

Airfreight

Magnetic fields of improperly packaged magnets could influence airplane navigation devices.
In the worst case it could lead to an accident.

- Airfreight magnets only in packaging with sufficient magnetic shielding.
- Please refer to the respective regulations: www.supermagnete.ee/eng/faq/airfreight

Caution	Postage
	Magnetic fields of improperly packaged magnets could cause disturbances in sorting machines and damage fragile goods in other packages. • Please refer to our shipping tips: www.supermagnete.ee/eng/faq/shipping • Use a large box and place the magnet in the middle surrounded by lots of padding material. • Arrange magnets in a package in a way that the magnetic fields neutralise each other. • If necessary, use sheet iron to shield the magnetic field. • There are stricter rules for airfreight: Refer to the warning notice "Airfreight".

TARIC-Code: 8505 1910 90 0

Origin: Germany

For more information about magnets please review
https://www.supermagnete.ee/eng/faqs.

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