

## Data sheet article ITF-32

### Technical data and application safety

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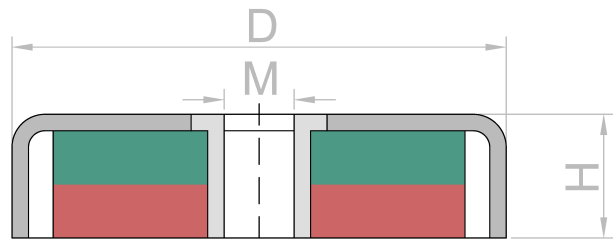
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## 1. Technical information

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


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


<b>Warning</b>	<b>Pacemaker</b>
	<p>Magnets could affect the functioning of pacemakers and implanted heart defibrillators.</p> <ul style="list-style-type: none"> <li>• A pacemaker could switch into test mode and cause illness.</li> <li>• A heart defibrillator may stop working.</li> </ul>
	<ul style="list-style-type: none"> <li>• If you wear these devices keep sufficient distance to magnets: <a href="http://www.supermagnete.it/eng/faq/distance">www.supermagnete.it/eng/faq/distance</a></li> <li>• Warn others who wear these devices from getting too close to magnets.</li> </ul>


<b>Warning</b>	<b>Heavy objects</b>
	<p>Too heavy loads, symptoms of fatigue as well as material defect could cause a magnet or magnetic hook to loosen from the surface that it was attached to.</p> <p>Falling objects could lead to serious injuries.</p>
	<ul style="list-style-type: none"> <li>• The indicated adhesive force applies only to ideal conditions. Allow for a high safety cushion.</li> <li>• Don't use magnets in places where people could sustain injuries in case of material failure.</li> </ul>

### 3. Handling and storing


<b>Caution</b>	<b>Magnetic field</b>
	<p>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.</p>
	<ul style="list-style-type: none"> <li>• Keep magnets away from devices and objects that could be damaged by strong magnetic fields.</li> <li>• Please refer to our table of recommended distances: <a href="http://www.supermagnete.it/eng/faq/distance">www.supermagnete.it/eng/faq/distance</a></li> </ul>


<b>Notice</b>	<b>Influence on people</b>
	<p>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.</p>
	<ul style="list-style-type: none"> <li>• For your own safety, avoid constant contact with magnets.</li> <li>• Store large magnets at least one metre away from your body.</li> </ul>

<b>Notice</b>	<b>Temperature resistance</b>
	<p>Ferrite magnets can be used at temperatures between -40°C and 250°C.</p> <p>At lower and higher temperatures they lose part of their adhesive force permanently.</p>
	<p>Don't use ferrite magnets in places where they are exposed to temperatures below -40°C or above 250°C.</p>

<b>Notice</b>	<b>Mechanical treatment</b>
	<p>Ferrite magnets are brittle.</p> <p>When drilling or sawing a magnet with improper tools, the magnet may break.</p>
	<p>Stay away from mechanical treatment of magnets if you do not possess the necessary equipment and experience.</p>

### 4. Transportation tips

<b>Caution</b>	<b>Airfreight</b>
	<p>Magnetic fields of improperly packaged magnets could influence airplane navigation devices.</p> <p>In the worst case it could lead to an accident.</p>
	<ul style="list-style-type: none"> <li>• Airfreight magnets only in packaging with sufficient magnetic shielding.</li> <li>• Please refer to the respective regulations: <a href="http://www.supermagnete.it/eng/faq/airfreight">www.supermagnete.it/eng/faq/airfreight</a></li> </ul>

<p><b>Caution</b></p> 	<p><b>Postage</b></p> <p>Magnetic fields of improperly packaged magnets could cause disturbances in sorting machines and damage fragile goods in other packages.</p> <ul style="list-style-type: none"><li>• Please refer to our shipping tips: <a href="http://www.supermagnete.it/eng/faq/shipping">www.supermagnete.it/eng/faq/shipping</a></li><li>• Use a large box and place the magnet in the middle surrounded by lots of padding material.</li><li>• Arrange magnets in a package in a way that the magnetic fields neutralise each other.</li><li>• If necessary, use sheet iron to shield the magnetic field.</li><li>• There are stricter rules for airfreight: Refer to the warning notice "Airfreight".</li></ul>
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**TARIC-Code:** 8505 1910 90 0

**Origin:** Germany

For more information about magnets please review  
**<https://www.supermagnete.it/eng/faqs>.**

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