Sign-Holders
DATA SHEET

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For current prices and available options please visit the relevant product page - see link in footer.

Magnetic ceiling hooks - round

Short Description

- Round strong magnetic hooks for hanging ceiling signs, lights, drapes and decorations
- Circular magnetic hooks in 3 sizes 25mm - 32mm - 50mm extra strong magnetic hook
- Magnetic ceiling hooks are easily repositioned on any magnet receptive metal surface such as ceiling grids or roof trusses

Product Images

Description

Magnetic hooks for suspending ceiling signs - various sizes

These magnetic ceiling hooks are perfect for suspending signs, POS and decorations from steel ceiling panels, beams and suspended ceilings which are receptive to magnets.

Ceiling magnets are also popular for hanging temporary decorations and mobiles or for draping fabric for decorating a room or event venue (e.g. for a wedding, halloween party or at Christmas, Diwali etc).

- The white magnet hook looks unobtrusive.
- The ferrite magnet provides adequate magnetic pull for general purpose applications.
- Choose from 3 sizes - the larger the size the stronger the magnetic force to handle heavier loads.
- 50mm diameter magnetic hookl is extra strong with maximimum18 kg pull force under optimum conditions.
- When hanging signs we recommend 2 magnetic hooks per sign.

What weight can ceiling magnets support?

For general lightweight applications these magnetic ceiling hooks are perfectly adequate, offering a safe and highly adaptable way to hang signs and other things such as decorations from a typical suspended ceiling. Ceiling magnets are also used for shop window displays and other store merchandising and in school classrooms to hang mobiles and other creative projects.

The performance of ceiling magnets is affected by factors such as the thickness of steel to which they are attached and any surface coating (e.g. plastic coating). As well as quoting the maximum pull force in an ideal situation we give suggested Safe Working Loads (SWL) for general applications with a good margin of safety built in. These figures are per magnet - so with a pair of magnets the load can be doubled.

25mm small magnetic hook	Max 2-3kg	SWL 0.5kg (1lb)

32mm standard magnetic hook	Max 4-6kg	SWL 1.0kg (2lb)
50mm super strong magnet hook	Max 12-18kg	SWL 4.0kg (9lb)

Further detailed guidance is provided under More Information tab. We also offer useful information to estimate the weight of typical sign panels.

Additional Information

With any suspended application, we recommend applying a good margin of safety.

Some suppliers quote higher load ratings for the same magnets, so we tend to err on the side of caution.

Suspended Ceiling Grids
While many ceiling grids are made from steel and, therefore, magnets can be used, the steel is usually very thin and covered in a plastic coating. This reduces our suggested safe loading for the small 25mm diameter hook to 250 grams per fixing (i.e. 0.5 kg for a pair - which is often perfectly satisfactory for lightweight signs and standard POS displays).
There is no advantage in using a larger magnet on a typical 25mm wide grid as the magnet will overlap and provide no benefit.
We suggest you also consider one of our twist on mechanical ceiling grid fixings when convenient.

Sign Panels

Size of magnetic hooks required to suspend a sign panel made from common materials
This guide for the selection of magnets applies to our ceiling magnets fixed to steel beams, steel ceiling panels, etc. Our recommendations are based on a typical 1m wide x 500 mm wide sign panel (0.5 sq.m). For different size panels, use pro rata figures - e.g., the weight will also be halved for a smaller panel half that size.

Panel Material	**Thickness of panel mm**	**Panel Weight** (for panel size 0.5 sq.m)	**Load/Fixing** Based on 2 per panel	**Magnet size* mm**
Acrylic	6mm	4kg	2kg	50
	3mm	2kg	1kg	32/50
Foam PVC (Foamalux)	10mm	3kg	1.5kg	50
	3mm	1kg	0.5kg	25/32
ACP (Dibond)	3mm	2kg	1kg	32/50
Display board	2mm	700gm	350gm	25
Foam Core Board	5mm	500gm	250gm	25

***** Magnet power is reduced on thin steel sheet and also on painted and/or coated surfaces.

The force should be at approx. 90 degrees to the surface, not in shear.
These magnet sizes are recommendations for optimum fixing situations and incorporate a factor of safety of at least 2:1
In some vulnerable situations a safety factor of 4:1 may be appropriate. In this case for any given magnet the max panel size should be halved, or step up to the next size magnet.

Disclaimer: Information provided here should be taken only as guidance since we have no control over the exact situation to be found on site. It is the responsibility of the specifier or installer to check that the magnetic fixings are suitable for the purpose intended.

More Information	
Delivery and Returns	• We offer a choice of delivery options tailored to the goods selected and your location, calculated for you automatically in the Checkout. When feasible, you will be offered options for Free, Economy or Next Day delivery. • Any product returned by the purchaser must be unused and in its original packaging, which should be unmarked. If goods are received damaged or faulty we will take care of the problem. • For detailed information about Delivery charges or Returns and refund policies, please click on the links below.
Include in Google Feed	Yes
Postable	No
Small parcel	No
Oversize	No