



## AIM Magnet Co.,Ltd

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### **What is neodymium disc magnet?**

#### **Size of Disc magnet**

According to customized request, neodymium magnet can make to different shape/different size. Neodymium magnets or NdFeB disc magnets are round coin-shaped Neodymium magnets of varying diameter and thickness.We can make

Size range: Diameter size: 2-200mm

Thickness/Height size: 0.5-50mm



#### **How to express disc magnet size?**

We usually say disc neodymium magnet sizes are Diameter size x Thickness/height size.

Such as D8x2mm , it is means the diameter is 8mm, and thickness/height 2mm.

#### **What is size tolerance of disc magnet?**

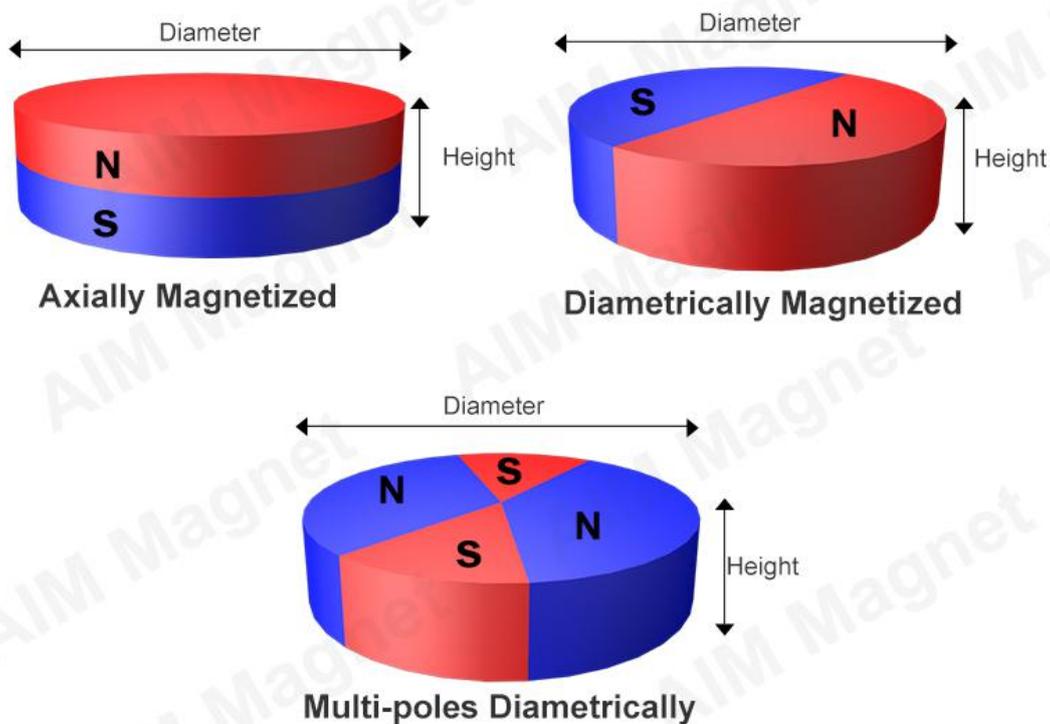
Neodymium magnet size tolerance: +/-0.05 or +/-0.1mm, according to different size request.

### Magnetizing direction of disc magnet

Generally the NdFeB/Neodymium disc magnets are axially and diametrically magnetized.

The axially neodymium disc magnet means one circular flat face is a North pole, the other circular flat face is a South pole with the distance between the flat faces (the disc thickness) being the distance between the poles (the magnet is magnetized along the central axis of the Neodymium disc magnet). Almost all our NdFeB/Neodymium disc magnets are supplied as axially magnetized NdFeB magnets.

The diametrically neodymium rare earth disc magnet is magnetized across the diameter perpendicular to the central axis - like being magnetized from 12 noon through to 6pm when looking down onto the magnet circular face.



### What is disc magnet used for?

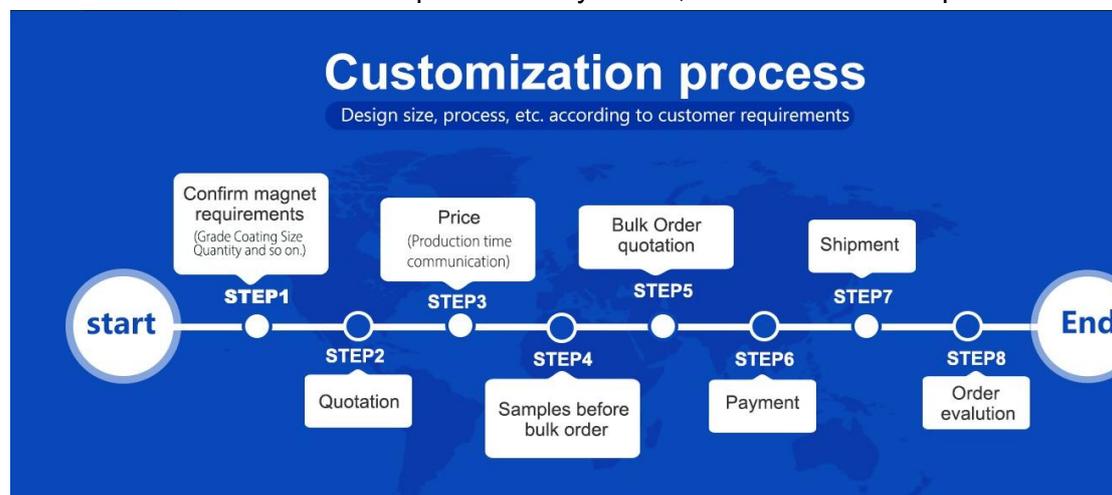
- A. Life consumption: clothing, bag, leather case, cup, glove, jewelry, pillow, fish tank, photo frame, watch;
- B. Electronic product: keyboard, electronic cigarette, display, smart bracelet, computer, mobile phone, sensor, GPS locator, Bluetooth, camera, audio, LED;
- C. Home-based: Lock, table, chair, cupboard, bed, curtain, window, knife, lighting, hook, ceiling;
- D. Mechanical equipment & automation: motor, unmanned aerial vehicles, elevators, security monitoring, dishwashers, magnetic cranes, magnetic filter.

### Safety Warning:

1. Make sure keep the magnets are out of reach children and pets, it is not a TOY, and small magnets will pose a choking hazard.
2. Watch your fingers, as they are very strong magnets, which are difficult to pull apart and fly together quickly from far away, so it is very easy to pinch fingers between attracting poles.
3. Keep the magnets far way from medical devices, electronic products, and magnetic media, as our magnets have strong magnetic fields which may affect and/or disrupt the functioning of these medical devices, electronic products, and magnetic media.
4. Magnets are fragile, they can crack, chip, or shatter if allowed to slam against each other. so make sure handle with care, eye protection glasses.

### How to order neodymium disc magnet?

1. When send inquiry, please advise your details requirements for disc magnets.
2. According to customer request, will offer our quotation and production time, if customer have samples, also can send samples for your test firstly, we will offer quotation according to customer's samples.
3. AIM Magnet samples production before bulk order production.
4. Confirm PO/PI and payment
5. Mass production.
6. Shipment
7. Assist customers to follow up the delivery status, after-sales follow-up.



### Buyer Guide :

In order to quote you the best price quickly . please provide the following information:

1. Neodymium magnet size . grade . coating. ect
2. Order quantity
3. Attached the drawing if customized
4. Any special packing or other requirement
5. The neodymium magnet application(product) and working temperature.