



AIM Magnet Co.,Ltd

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What is ARC magnet?

Size of arc magnet

Neodymium arc magnets are unique in shape and are designed for use within permanent magnet motors and generators due to the configuration of their north and south polarities.



How to express arc magnet size?

We usually say arc neodymium magnet sizes are Outside Diameter x Inside Diameter x Length

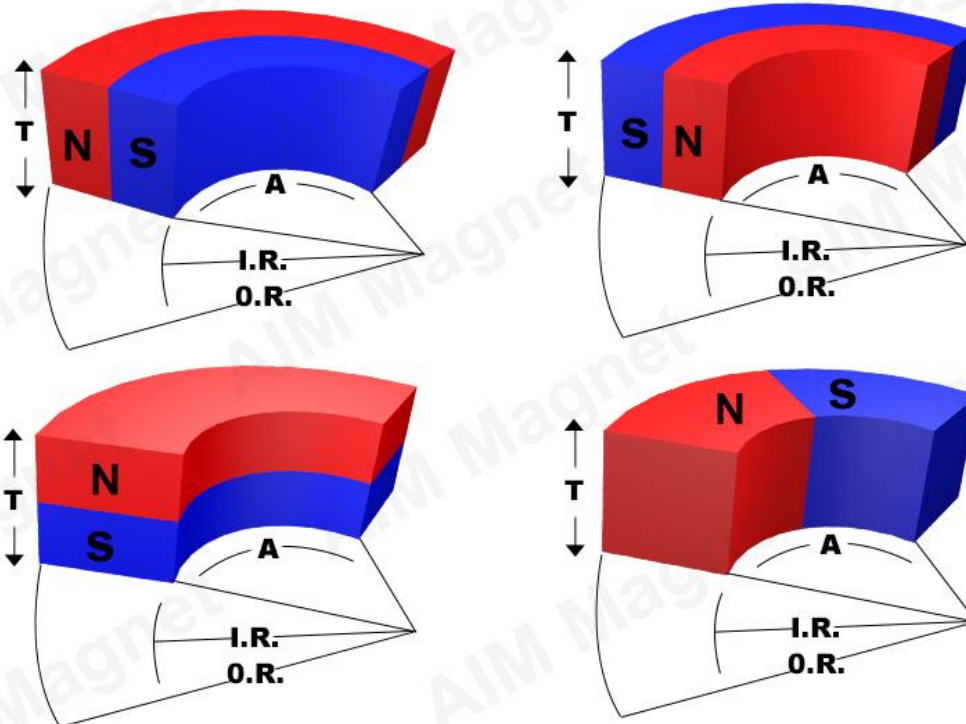
Such as R5.1 x R3.2 x 1.1mm , it is means the Outside Diameter is 5.1mm, Inside Diameter is 3.2mm, and length is 1.1mm.

What is size tolerance of arc magnet?

Neodymium magnet size tolerance: +/-0.1 or +/-0.2mm, according to different size request.

Magnetizing direction of arc magnet

All arc magnets are available with either pole on the inner radius. Four or more magnets with an equal number of north and south polarity on the inner radius can be used to create a multi-pole ring.



What is ARC magnet used for?

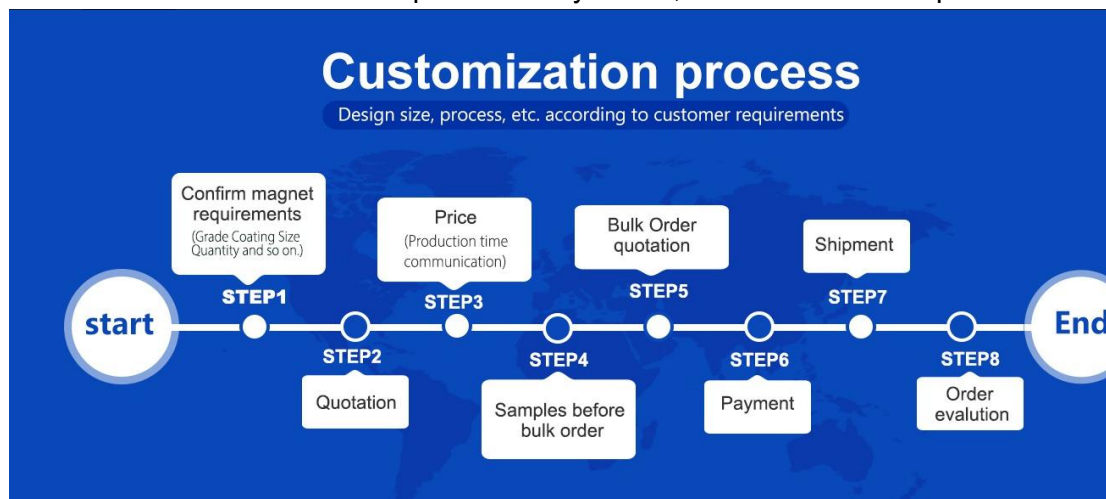
Arc magnets are a unique shape which are designed especially for motors, generators and alternators and are commonly used for both rotors and stators. They are also used in magnetic flywheel assemblies. In motor design a ring of magnets with alternating polarities on the inner radius rotate in close proximity to a number of copper coils. As the copper passes through the magnetic fields an electric current is induced within the copper.

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 arc magnet**?

1. When send inquiry, please advise your details requirements for arc 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 of **neodymium arc magnet**:

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.