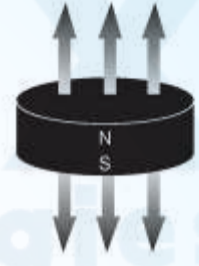
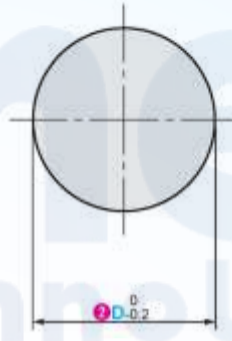


Resin Coated Neodymium Magnets Round Shape

Magnetization Direction : Thickness Direction



Specifications Overview of Magnets - Round

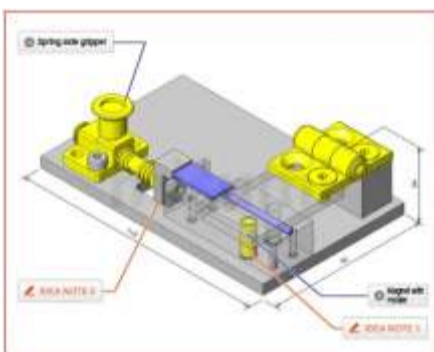
Part Number		L	Attraction Force N { kgf }	Surface Magnets - Round Flux Density Gauss [G]
Type	O.D. A			
DC-HXNJ	3	5	2.3 { 0.24 }	4000~4200
	4		4.4 { 0.45 }	4200~4400
	5	6	6.8 { 0.7 }	4400~4600
	6		9.8 { 1.0 }	
	8	8	18.6 { 1.9 }	4600~4800
	10	10	33.3 { 3.4 }	4800~5000

- The Magnets - Round use of resin coating improves water resistance and anti-rust effect.
- Attraction Force and Surface Flux Density are reference values for Magnets - Round alone.

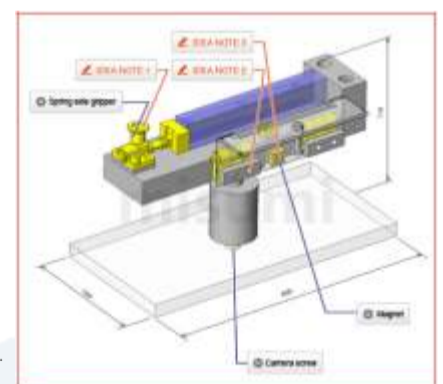
Product Features of Magnets - Round

Neodymium Magnets - Round	Neodymium Magnets - Round are the most powerful magnets of all, and are ideal for reducing size and increasing the performance of devices. The disadvantage is that it is very easy to rust. Cobalt Magnets - Round and it are known as rare earth magnets.
Cobalt Magnets - Round	It is officially known as samarium cobalt Magnets - Round, with a strong magnetic force second only to neodymium magnet. Its advantage is being not prone to rusting and resistant to high temperature. But it has poor mechanical strength and is easy to be broken, so be careful when using.
Ferrite Magnets - Round	Ferrite Magnets - Round have a weak magnetic force but relatively high retentivity, and magnetism is not easy to decay. It has poor mechanical strength and is easy to be broken, so be careful when using.
Al-Fe-Ni-Co Magnets - Round	It has both the advantage of high temperature resistance and excellent mechanical strength. The disadvantage is that magnetism is very easy to attenuate.

Example Use of Magnets - Round



- Round ① Small PCB Soldering Fixture**
Magnetic attraction is used to hold the harness
Purpose & Operation
A soldering fixture to hold the PCB with a side clamp, and hold the harness by attracting the cover with a Magnets - Round.



- Round ② Free Angle Soldering Fixture**
Easy one-touch workpiece holding mechanism
Purpose & Operation
A fixture to securely hold the workpiece without clearance during welding operations. Soldering to positions with poor working efficiency.

Usage Method of Magnets - Round

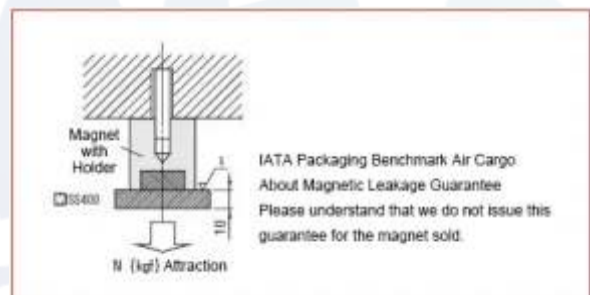
Magnets - Round Features

Load (kgf) = Load N × 0.101972

- Don't apply alterations on magnets as they are fragile.
- Magnets - Round may be damaged by strong impacts applied directly to the magnet surface.
- Magnets - Round with holders have 0.1 to 0.3mm steps to protect the magnet surface from impacts. There are 0.1~0.3mm steps.
- The Magnets - Round and holder are connected by adhesive.
- "Attraction Force" indicates the power of lifting the mating material Ss400 (polished surface of 10mm thick plate).

Basic Specifications

- Pull Force (Value)**- Neodymium Magnet
- Magnetization Direction** - Thickness
- Shape** - Round
- Magnet Surface Treatment** - Epoxy Resin Coating



Please Order after selecting part number and parameters according to the selection steps ① to ②

