

# Neodymium Magnets

## ROD MAGNETS

DATA SHEET

A range of high performance neodymium magnets that have a magnetic length which is longer than their diameters are wide. Neodymium rods will give a deeper magnetic field than a circular disc with the same diameter due to the longer lengths.

They are used where a small size and maximum power are needed. Neodymium Magnets exert very high forces and can attract each other through unbelievably large distances making them very popular for a wide range of applications including scientific experiments, packaging, display, furniture and even musical instruments. They also have an immense and unbeatable resistance to being demagnetised, making them ideal for repulsion applications as well as attractive applications.

The magnets are triple coated (NiCuNi) for maximum protection against corrosion. Standard manufacturing tolerance is +/- 0.1mm on all dimensions.



We can produce in different grades, sizes and coatings upon request (e.g. silver coating, D50mm x 50mmA in N50, etc) - please contact us if you require custom NdFeB magnets.

Part No.	Description	Pull
<b>Grade - N42 - NiCuNi plated</b>		
EP345	2mm dia x 8mmA	0.13kg
EP558D	3mmA x 8mm DIAMETRICALLY MAGNETISED	0.30kg
EP346	3mm dia x 13mmA	0.34kg
EP347	3mm dia x 20mmA	0.40kg
EP350	4mm dia x 6mmA	0.60kg
EP642	5mm dia x 10mmA	0.95kg
EP344	5mm dia x 20mmA	1.00kg
EP653	5mm dia x 30mmA	1.05kg
EP395	6mm dia x 8mmA	1.40kg

Part No.	Description	Pull
<b>Grade - N42 - NiCuNi plated</b>		
EP375	8mm dia x 20mmA	2.70kg
EP325	8mm dia x 30mmA	2.80kg
EP348	10mm dia x 10mmA	3.75kg
EP376	10mm dia x 20mmA	4.40kg
EP377	10mm dia x 30mmA	4.80 kg
EP382	20mm dia x 20mmA	16.00kg
<b>Grade - N38 - NiCuNi plated</b>		
EP652	3mm dia x 4mmA	0.27kg
EP642D	5mmA x 10mm DIAMETRICALLY MAGNETISED	0.90kg