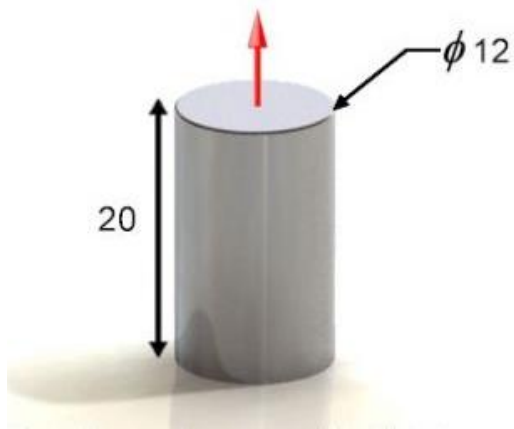


Neodymium Magnets Manual

[I] Cylinder 12mm dia. x 20mm height N50



Diameter: 12mm (0.472" in.)

Height: 20mm (0.787" in.)

Grade: N50

Coating: Nickel (Ni)

Magnetized Direction: Through height - 20mm

Theoretical Holding Force: ~7.59kgs

Surface Gauss: 6943 Gauss

[II] Cylinder 15mm dia. x 20mm height N35H SIDE MAGNETISATION



Diameter: 15mm (0.590" in.)

Height: 20mm (0.787" in.)

Grade: N35H

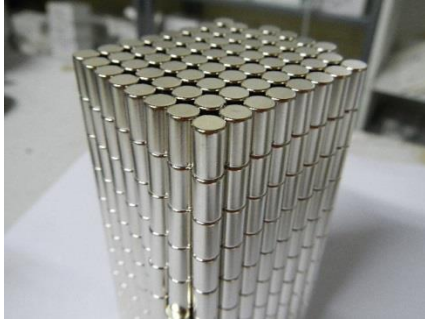
Coating: Nickel (Ni)

Magnetized Direction: Through side/diametrical- 15mm

Theoretical Holding Force: ~8.5kg

Surface Gauss: 5664 Gauss

[III] Cylinder 6mm dia. x 10mm height N50



Diameter: 6mm

Height: 10mm

Grade: N50

Coating: Nickel (Ni)

Magnetized Direction: Through height - 10mm

Surface Gauss: 6942 Gauss

Theoretical Holding Force: 1.741 kg

[IV] Disc 25.4mm dia. x 3.175mm height N52 Ni



Model: D-D25.4H3.175-N52-Ni

Diameter: 25.4mm (1" in.)

Height: 3.175mm (0.125" in.)

Grade: N52

Coating: Nickel (Ni)

Magnetized Direction: Through height - 3.175mm

Theoretical Holding Force: ~7.928 kg

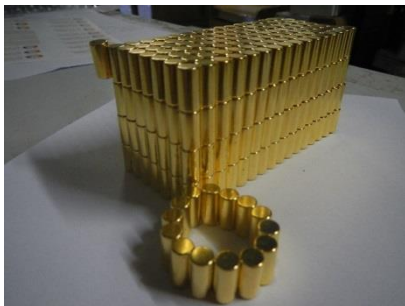
Surface Gauss: 1856 Gauss

[V] Sphere 10mm diameter N40



Diameter: 10mm (0.394" in.)
Grade: N40
Coating: Nickel (Ni)
Magnetized Direction: Through diameter - 10mm

[VI] Cylinder 6mm dia. x 12mm height GOLD N45 SIDE MAGNETISATION



Diameter: 6mm
Height: 12mm
Grade: N45
Coating: GOLD COATED
Magnetized Direction: Through side/diametrically - 6mm
Theoretical Holding Force: ~1.646 kg
Surface Gauss: 6643 Gauss

[VII] Ring 12.7mm outside dia. x 3.175mm height x 3.175mm inside dia. N45



Outside Diameter: 12.7mm (0.5" in.)

Height: 3.175mm (0.125" in.)

Inside Diameter: 3.175mm (0.125" in.)

Grade: N45

Coating: Nickel (Ni)

Magnetized Direction: Through height – 3.175mm