

GN 55.3 Raw Magnets

Steel Rod-shaped

Photo



Product description

Information

GN 55.3 raw magnets are unshielded rod-shaped magnets.

Due to the vast range of different materials and sizes, these magnets are suitable for virtually any universal use. They are typically attached by gluing.

When used without air gap, individual raw magnets always have lower magnetic forces than a magnet assembly in which shielding and magnetic return enormously intensify the force acting at the magnetic surface. Depending on the air gap between magnet and mating component, individual raw magnets--unlike magnet assemblies--can have substantially higher magnetic forces.

In the event that no suitable retaining magnets / magnet assemblies are available, raw magnets may be used in combination with appropriate holding constructions to build up highly specific magnet assemblies.

Specification

Material of the magnet:
AlNiCo
Aluminum, nickel, cobalt
blank
temperature resistant up to 450° C

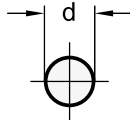
AN

RoHS compliant

On request

special lengths

Technical drawing



Part Options / Table

Metric

d 0/-0.008	Length l ±0.004	Nominal magnetic forces in N	Temperature resistance in °C	Packing units
.12	.39	.25 lbf (1.1 N)	450	10
.12	.47	.29 lbf (1.3 N)	450	10
.16	.63	.43 lbf (1.9 N)	450	10
.16	.79	.45 lbf (2 N)	450	10
.20	.79	.52 lbf (2.3 N)	450	10
.24	.59	.63 lbf (2.8 N)	350	5
.24	.94	.63 lbf (2.8 N)	450	5
.24	1.18	.63 lbf (2.8 N)	450	5
.31	.98	.85 lbf (3.8 N)	450	5
.31	1.26	.85 lbf (3.8 N)	450	5
.39	.79	1.12 lbf (5 N)	350	5
.39	1.57	1.57 lbf (7 N)	450	1
.47	1.57	1.80 lbf (8 N)	450	1
.47	1.89	1.80 lbf (8 N)	450	1
.59	1.18	2.25 lbf (10 N)	350	1
.59	2.36	2.47 lbf (11 N)	450	1
.79	1.57	3.82 lbf (17 N)	350	1
1.34	3.15	13.71 lbf (61 N)	350	1