



Length $l \pm 0,1$	$b \pm 0,1$	$h \pm 0,1$	Nominal adhesive forces in N		Packaging units
			SC Sm Co	ND Nd Fe B	
7,5	4	1,5	3,4	5	10
7,5	6	2	5	8	10
10	7,5	2	7,5	11	10
12	9,5	2,5	11	17	5
16	12,5	2,5	15	24	5
18	16,5	4	29	50	4
26	20,3	5	51	77	2
33	26,3	6,5	85	125	1

## Specification

- Materials of the magnet:
  - SmCo  
Samarium, cobalt  
temperature resistant up to 200 °C
  - NdFeB  
Neodymium, iron, boron  
temperature resistant up to 80 °C
- RoHS compliant

## On request

- in other dimensions
- made of hard ferrite (HF)

1

## Information

Raw magnets GN 55.4 are unshielded block-shaped magnets.

Owing to their vast range of different magnet materials and sizes, they are suitable for virtually universal use. They are mostly attached by gluing.

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

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

see also...

- More information to retaining magnets → Main Catalogue Page 1094

### How to order

GN 55.4-ND-18-16,5-4

1	Material of the magnet
2	Length $l$
3	$b$
4	$h$