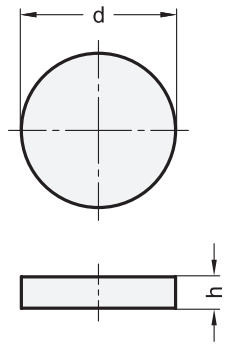

2 d ±0,1	3 h ±0,1	Nominal magnetic forces in N		Packaging units	
		SC Sm Co	ND Nd Fe B	SC	ND
4	3	2,5	4	20	20
5	3	3,5	5	20	20
6	3	4	7,5	20	20
8	3	8	13	20	20
10	3	10	15	20	20
12	3	11	20	10	20
15	3	16	28	10	20
18	3	25	35	10	10
20	3	-	42	-	10
24	3	36	55	5	10

Specification

1

- Materials of the magnet:
  - SmCo **SC**
    Samarium, cobalt
    blank
    temperature resistant up to 200 °C
  - NdFeB **ND**
    Neodymium, iron, boron
    nickel-plated
    temperature resistant up to 80 °C
- RoHS

On request

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

Information

Raw magnets GN 55.2 are unshielded disc-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 magnetic 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 magnetic 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 raw magnets → Page 1380 ff.*

How to order

1 2 3

GN 55.2-ND-24-3

1	**Material of the magnet**
2	**d**
3	**h**