

## Raw magnets

disc-shaped, with bore or countersunk

### SPECIFICATION

Materials of the magnet:

SmCo **SC**

Samarium, Cobalt

blank

temperature resistant up to 200 °C

NdFeB **ND**

Neodymium, iron, boron

temperature resistant up to 80 °C



### INFORMATION

Raw magnets GN 55.1 are unshielded disc-shaped (annular) 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.

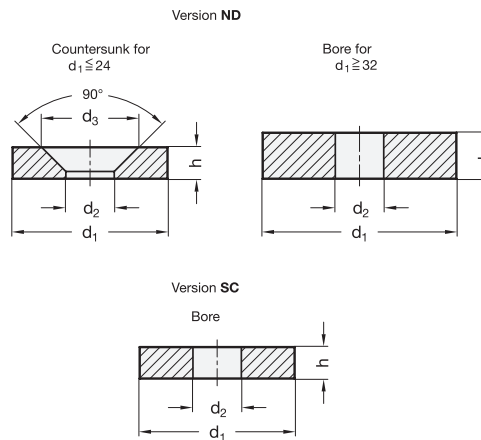
When used without air gap, individual raw magnets always have lower adhesive forces than a magnet system in which shielding and magnetic return enormously intensify the force acting at the adhesion surface. Depending on the air gap between magnet and mating component, individual raw magnets - unlike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

- More information to retaining magnets (see page 2022)

### ON REQUEST

- made of hard ferrite (HF)



### GN 55.1

Description	d1	d2 ±0.1	h ±0.1	d3 +0.5	Nominal adhesive forces in N	Packaging units	⚖️
GN 55.1-ND-12-3,5-3	12 ±0,1	3.5	3	6.6	18	20	3
GN 55.1-ND-15-4,5-3,5	15 ±0,1	4.5	3.5	9.3	29	20	4
GN 55.1-ND-18-4,5-4	18 ±0,1	4.5	4	9.3	41	10	8
GN 55.1-ND-24-5,5-4	24 ±0,1	5.5	4	11.5	66	10	14
GN 55.1-ND-32-10,5-2	32 ±0,1	10.5	2	-	42	5	16
GN 55.1-ND-38-12-4	38 ±0,1	12	4	-	110	2	45
GN 55.1-ND-48-15-5	48 ±0,2	15	5	-	165	1	83
GN 55.1-ND-56-15-6	56 ±0,2	15	6	-	230	1	137
GN 55.1-SC-15-8-3,5	15 ±0,1	8	3.5	-	23	20	4
GN 55.1-SC-18-8-4	18 ±0,1	8	4	-	31	10	7
GN 55.1-SC-24-11,5-4	24 ±0,1	11.5	4	-	51	10	12
GN 55.1-SC-32-10-4	32 ±0,1	10	4	-	67	5	27