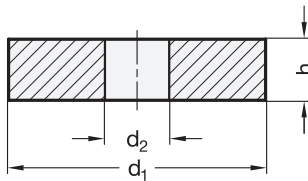
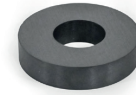
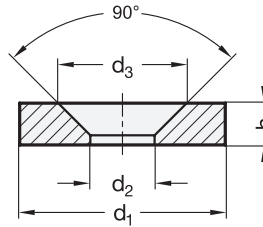


3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

with bore



with countersunk



with bore					
d ₁	d ₂	h	Nominal magnetic forces in N	VE*	
19,8 ±0,2	10 ±0,2	4,3 ±0,1	5	10	
20 ±0,1	6,5 ±0,2	5 ±0,1	5,5	10	
26 ±0,4	15 ±0,3	3,8 ±0,1	6,5	10	
32 ±0,2	12,2 ±1	8 ±0,2	15,5	10	
35,5 ±0,7	6,5 ±0,3	9,5 ±0,1	20	10	
36 ±0,3	18 ±0,5	8 ±0,1	17	10	
40 ±0,8	19 ±0,4	7,5 ±0,1	26	10	
45 ±0,8	22 ±0,4	8,5 ±0,1	28	10	
51 ±1,1	24 ±0,5	8,4 ±0,1	30	10	
55 ±1,1	24 ±0,5	8 ±0,1	30	10	
55 ±1,1	24 ±0,5	12 ±0,1	35	5	
70 ±1,2	15 ±0,5	15 ±0,1	75	1	
72 ±0,2	32 ±0,5	8 ±0,1	32	1	
72 ±1,2	32 ±0,5	15 ±0,1	53	1	
86 ±1,2	34 ±0,5	18 ±0,1	106	1	
102 ±0,2	51 ±1	20 ±0,1	145	1	

with countersunk						
d ₁	d ₂	h	d ₃	Nominal magnetic forces in N	VE*	
13,6 ±0,3	3,5 ±0,1	3,9 ±0,1	6,5 +1,5	2,5	10	
17,2 ±0,3	4,1 +0,4	5,3 ±0,1	9,5 +0,5	5	10	
21,8 ±0,4	5,5 ±0,2	6 ±0,1	11,5 +1	8,5	10	
28 ±0,5	5,5 ±0,3	6 ±0,1	11,5 +1	13	10	
31 ±0,8	5,3 +0,3	15 ±0,5	12,5 +1,8	24	5	
35,5 ±0,8	5,5 ±0,2	6,5 ±0,1	12,5 +1	18	10	

* VE = Packaging units

Specification

Hard ferrite

- Plain
- Operating temperature up to 250 °C

RoHS

On request

- Other dimensions



HF

Raw magnets GN 55.1 are disk-shaped unshielded magnets. They can be easily and securely fastened using the bore or countersunk. If no suitable retaining magnets or magnet systems are available, raw magnets may be used in combination with appropriate holding constructions to build up highly specific magnet systems.

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 magnetic surface. Depending on the air gap between magnet and mating component, individual raw magnets, unlike magnet systems, can have substantially higher retaining forces.

see also...

GN 55.2 Raw Magnets (Disk-Shaped, without Bore)

Page

QVX

Technical Information

More Information on Retaining Magnets

QVX

How to order		1	Material of the magnet
		2	d ₁
		3	d ₂
		4	h
GN 55.1-HF-55-24-12			

