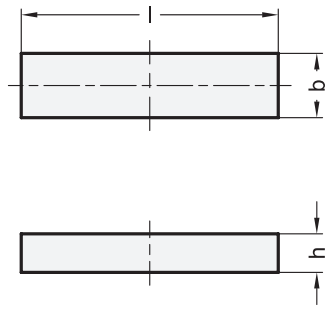
Raw Magnets

Hard Ferrite, Block-Shaped



2 Length **l**	3 **b**	4 **h** ±0,1	Nominal magnetic forces in N	Packaging units
12 ±0,3	10,5 ±0,2	7	4	10
25 ±0,3	9 ±0,2	5	5	10
30 ±0,5	10 ±0,3	6	7	10
40 ±1	10 ±0,3	4	6,5	10
40 ±0,2	18 ±0,2	6	11	10
43 –0,5	10 ±0,2	3,8	6	10
45 ±0,5	12 ±0,3	6	10	10
49,5 ±0,5	9,3 ±0,3	4,9	10	10
75,5 ±1,5	14 ±0,1	9,8	28	5

Specification

Hard ferrite **HF** (1)

- Plain
- Operating temperature up to 250 °C

RoHS

On request

- Other dimensions

Raw magnets GN 55.4 are block-shaped unshielded magnets. They can be fastened using adhesives, overcoats or by mechanical clamping. 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...	Page
GN 55.1 Raw Magnets (Disk-Shaped, with Bore)	QVX
GN 55.2 Raw Magnets (Disk-Shaped, without Bore)	QVX
GN 55.3 Raw Magnets (Rod-shaped)	QVX

Technical Information

More Information on Retaining Magnets	QVX

How to order

1 2 3 4

GN 55.4-HF-49,5-9,3-4,9

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