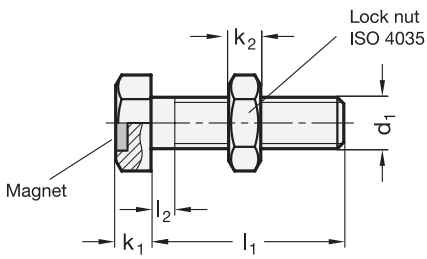

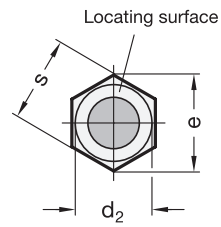

1 d_1*	2 l_1					d_2	e ≈	k_1 –1	k_2	l_2 max.	s	Nominal magnetic forces in N
M 6	12	16	20	25	30	10	11	4	3,2	3	10	25
M 8	16	20	25	30	40	13	14,4	5,3	4	3,7	13	50
M 10	20	25	30	40	50	17	17,8	6,4	5	4,5	17	75
M 12	25	30	40	50	60	19	20	7,5	6	5,2	19	110
M 16	30	40	50	60	80	24	26,8	10	8	6	24	145

*Thread: nut mobility

Specification

3

- Screw Steel
  - Tensile strength class 5.8
  - zinc plated, blue passivated
- Hexagon nut Steel
  - Tensile strength class 04
  - zinc plated, blue passivated
- Material of the magnet
  NdFeB **ND**
  Neodymium, iron, boron
  temperature resistant up to 80 °C
- *Strength values of screws* → *Page 1481*
- RoHS

Information

Setting bolts GN 251.6 with retaining magnets are a shielded magnetic system.

Suitable e.g. as workpiece stop, with the magnet holding the workpiece in place.

The lock nut (included) can be used to secure the stop screw after positioning.

see also...

- *More information to retaining magnets* → *Page 1380 ff.*
- *Setting bolts GN 251 (without magnet)* → *Page 838*

How to order

1 2 3

GN 251.6-M6-12-ND

1	d_1
2	l_1
3	**Material of the magnet**