



Metric table

Dimensions in: millimeters - inches

1 d* Thread	2 Nominal length l – 1					A/F	Nominal magnetic forces
	12	16	20	25	30		
M 6	0.47	0.63	0.79	0.98	1.18	0.12	2.5 N 0.56 lbf
M 8	0.63	0.79	0.98	1.18	1.57	0.16	7 N 1.57 lbf
M 10	0.79	0.98	1.18	1.57	1.97	0.20	11 N 2.47 lbf
M 12	0.98	1.18	1.57	1.97	2.36	0.24	17 N 3.82 lbf
M 16	1.18	1.57	1.97	2.36	3.15	0.31	35 N 7.87 lbf

*Thread is nut compatible

Specification

- Screw
Steel
- Property class 5.8
- Zinc plated, blue passivated finish
- Magnet material
NdFeB **ND**
Neodymium, iron, boron
Temperature resistant up to 176 °F (80 °C)
- RoHS compliant

Information

GN 913.6 set screws with retaining magnet, in combination with the steel housing of the screw, form a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

These set screws are suitable as workpiece stop, with the integrated magnet holding the workpiece in place.

see also...

- *More Information on Retaining Magnets*
- *Set Screws GN 913.3 (with Brass or Plastic Tip)*
- *Grub Screws DIN 6332 (with Hardened or Unhardened Tip)*
- *Stop Bolts GN 251 (without Retaining Magnet)*

How to order GN 913.6-M6-25-ND	1	Thread d
	2	Length l
	3	Magnet material