Retaining magnets for cables

METRIC

RoHS ND

MATERIAL
Black glass-fibre reinforced polyamide based (PA) retaining bracket.
Zinc-plated steel insert and screw.

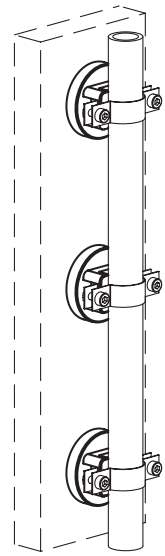
NO-SLIP COATING
(TPE) thermoplastic elastomer, black colour, 80 shore A.

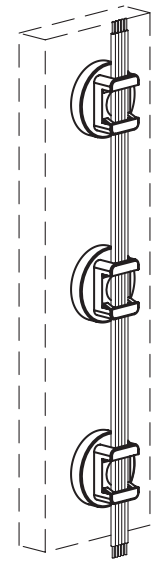
STANDARD EXECUTION
(NdFeB) Neodymium-iron-boron retaining magnet, for temperatures up to 60°C.
Retaining magnets technical data (on page 1052).

FEATURES AND APPLICATIONS
RMW retaining magnets for cables are shielded magnetic systems with high performances and moderate overall dimensions.
The elastomer surface increases the friction coefficient when lateral retaining forces are present, giving a better adhesion. These magnets are preferably used for sensitive surfaces.
RMW retaining magnets are generally used to organise the cable path along the surface of machinery.
The cables and conduits can be blocked using a clip or tie which can be bought (not included in the supply, Fig. 1), or simply passed through inside the openings of the retaining bracket (Fig.2).

Fig.1

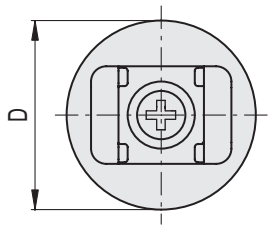
Fig.2

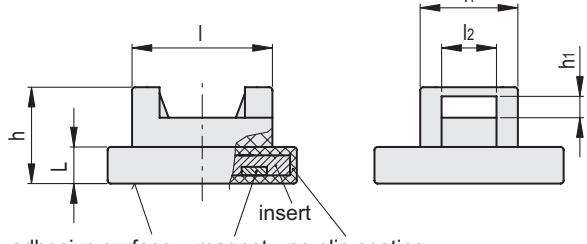




Conversion Table
1 mm = 0.039 inch

D	
mm	**inch**
18	**0.70**
22	**0.86**
31	**1.21**
43	**1.68**





METRIC

Code	Description	D	L	h	h1	l	l1	l2	Nominal adhesive forces* [N]	⚖
503141	RMW-ND-18-M4	18	6	13	1.5	15	10	5.1	25	7
503351	RMW-ND-22-M4	22	6	16.8	2.7	22	15	8.8	38	12
503361	RMW-ND-31-M5	31	6	16.8	2.7	22	15	8.8	89	26
503371	RMW-ND-43-M4	43	6	16.8	2.7	22	16	8.8	100	30

* The values of the nominal adhesive forces are approximate and refer to magnetic properties observed on laboratory samples.