Flat rectangular retaining magnets

with raised support base

METRIC RoHS HF ND

MATERIAL

Zinc-plated steel threaded insert.

NO-SLIP COATING

Thermoplastic elastomer (TPE).

STANDARD EXECUTIONS

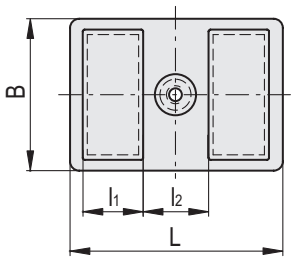
- **RMS-D-HF-M5-1**: one threaded pass-through hole, ferrite magnet, for temperatures up to 120°C.
- **RMS-D-ND-M5-1**: one threaded pass-through hole, neodymium-iron-boron magnet (MdFeB), for temperatures up to 80°C.
- **RMS-D-HF-M5-2**: with two threaded pass-through holes, ferrite magnet, for temperatures up to 120°C.
- **RMS-D-ND-M5-2**: with two threaded pass-through holes, neodymium-iron-boron magnet (MdFeB), for temperatures up to 80°C.
- **RMS-D-HF-2**: with two smooth pass-through holes, ferrite magnet, for temperatures up to 120°C.
- **RMS-D-ND-2**: with two smooth pass-through holes, neodymium-iron-boron magnet (MdFeB), for temperatures up to 80°C.

Retaining magnets technical data (on page 1052).

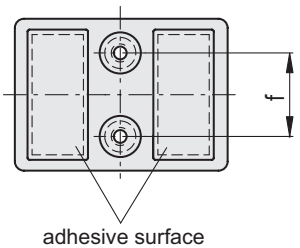
FEATURES AND APPLICATIONS

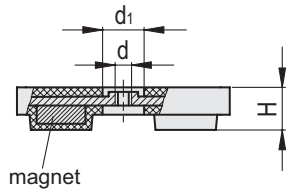
RMS-D flat rectangular retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions. The elastomer surface increases the friction coefficient when lateral retaining forces are present, giving a better adhesion. The magnetic material positioned in the centre of the base allows the magnetic flux to be concentrated as best as possible. They are generally preferred for use on irregular surfaces and with over-painting. RMS-D retaining magnets are generally used to organise the cable path along the surface of machinery or on a plane (even vertical).

RMS-D-HF-M5-1

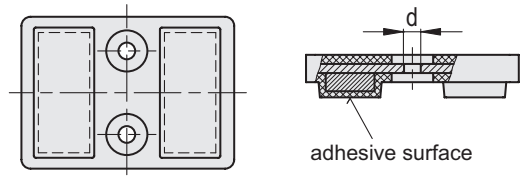


RMS-D-HF-M5-2





RMS-D-HF-2



Conversion Table *1 mm = 0.039 inch*	
B	
mm	inch
50	1.95

METRIC

RMS-D-HF-M5-1

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502962	RMS-D-HF-70-M5-1-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	45	125

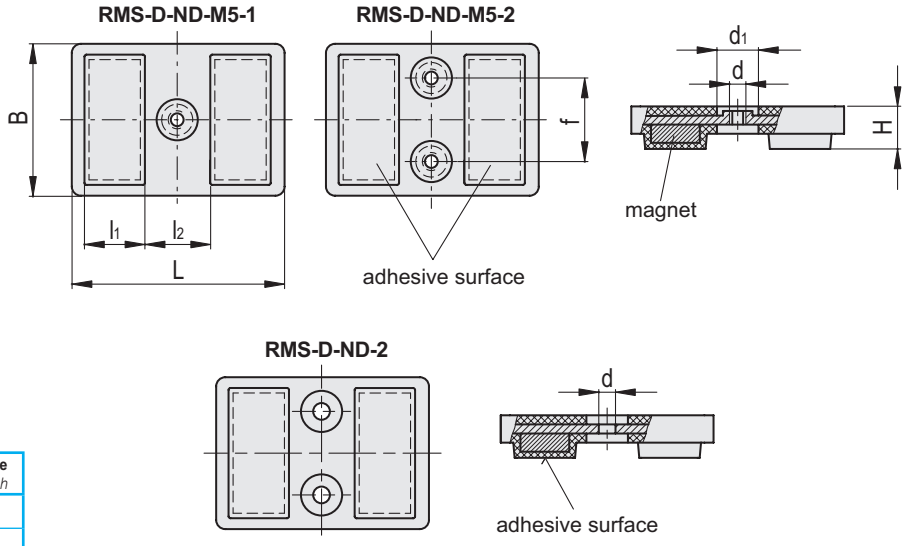
RMS-D-HF-M5-2

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502963	RMS-D-HF-70-M5-2-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	45	125

RMS-D-HF-2

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502960	RMS-D-HF-70-5,5-2-BK	50	5.5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	45	125

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



Conversion Table *1 mm = 0.039 inch*	
B	
mm	inch
50	1.95

RMS-D-ND-M5-1 ▼ METRIC

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502969	RMS-D-ND-70-M5-1-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	290	149

RMS-D-ND-M5-2 ▼

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502970	RMS-D-ND-70-M5-2-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	290	149

RMS-D-ND-2 ▼

Code	Description	B	d	H	L	d1	l1	l2	f	Nominal adhesive forces* [N]	⚖
502968	RMS-D-ND-70-5,5-2-BK	50	5.5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	290	149

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