Flat rectangular retaining magnets

METRIC









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.

with raised support base

- 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).



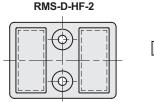


FEATURES AND APPLICATIONS

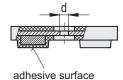
RMS-D flat rectangular retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions. The elastomer surface increases the friction coefficient when lateral retaining forces are present, giving a better adhesion. The magnetic material positioned in the centre of 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 d1 Φ $_{\Omega}$ (0) magnet 1 12 adhesive surface L

Conversion Table 1 mm = 0.039 inch



70



20.25 ±0.5

27.5

45

125

	В
mm	inch
50	1.95

502962 RMS-D-HF-70-M5-1-BK

RMS-D-	HF-M5-1	•		,						ME	TRIC
Code	Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	Δ'Δ

12

RMS-D-	HF-M5-2	•									
Code	Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	7,7
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

20.75 ±0.5

RMS-D-H	IF-2

Code	Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	44
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.

M5

13



Industrial magnets



























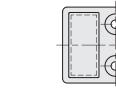




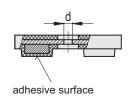




RMS-D-ND-M5-1 RMS-D-ND-M5-2 d1 d d d magnet



RMS-D-ND-2



	sion Table 0.039 inch
	В
mm	inch
50	1.95

ND-M5-1	\blacksquare								C.III.	<u> </u>
Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	\$\dag{\dag{\dag{\dag{\dag{\dag{\dag{
RMS-D-ND-70-M5-1-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	290	149
ND-M5-2	•									
Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	$\Delta \Delta$
RMS-D-ND-70-M5-2-BK	50	M5	13	70	12	20.75 ±0.5	20.25 ±0.5	27.5	290	149
	Description RMS-D-ND-70-M5-1-BK ID-M5-2 Description	Description B RMS-D-ND-70-M5-1-BK 50 ID-M5-2 Description B	Description B d RMS-D-ND-70-M5-1-BK 50 M5 ID-M5-2 Description B d	Description B d H RMS-D-ND-70-M5-1-BK 50 M5 13 ID-M5-2 Description B d H	Description B d H L RMS-D-ND-70-M5-1-BK 50 M5 13 70 ID-M5-2 Description B d H L	Description B d H L d1 RMS-D-ND-70-M5-1-BK 50 M5 13 70 12 ID-M5-2 □ Description B d H L d1	Description B d H L d1 I1 RMS-D-ND-70-M5-1-BK 50 M5 13 70 12 20.75 ±0.5 ID-M5-2 Description B d H L d1 I1	Description B d H L d1 I1 I2 RMS-D-ND-70-M5-1-BK 50 M5 13 70 12 20.75 ±0.5 20.25 ±0.5 ID-M5-2 Description B d H L d1 I1 I2	Description B d H L d1 I1 I2 f RMS-D-ND-70-M5-1-BK 50 M5 13 70 12 20.75 ±0.5 20.25 ±0.5 27.5 ID-M5-2 ▼ Description B d H L d1 I1 I2 f	Description B d H L d1 I1 I2 f Nominal adhesive forces* [N] RMS-D-ND-70-M5-1-BK 50 M5 13 70 12 20.75 ±0.5 20.25 ±0.5 27.5 290 ID-M5-2 ▼ Description B d H L d1 I1 I2 f Nominal adhesive forces* [N]

RMS-D-	ND-2	\blacksquare									
Code	Description	В	d	Н	L	d1	I1	12	f	Nominal adhesive forces* [N]	Δ'Δ
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.