

Electric Adhesive Magnets

for automation

These automation magnets are used in handling and transport equipments.

The automation magnets are available in 2 versions:

- Holding (H): only as long as electric energy is supplied the magnetic power is activated.
- Loosening (L): For this purpose permanent magnetic power is compensated by electromagnetic energy. The workpiece is constantly picked and drops only when energy is supplied.

Type A: With strand,
500 mm long



Type B: 2-pin clamp
terminal



Types C + D: Hirschmann
connector with rectifier (C)
without rectifier (D)



Applications

- ☑ For fast switching ferromagnetic workpieces
- ☑ In automation, special machine construction, material transporting and handling
- ☑ For fast switching cycles or constant magnetic grip with controlled release

Features

- ☑ With compact design for 12V or 24V or 240V DCAC
- ☑ Magnetic power independent on material thickness and surface finish (air gap)

Technical data

	Diameter	Height	Adhesive force	Voltage	Power consumption	Weight	Type
	[mm]	[mm]	[N]	[V]	[W]	[kg]	
Holding current							
M521-72 H	25	20	113	12	2.16	0.07	A
M521-72 H	25	20	113	24	2.16	0.07	A
M521-73 H	30	24	253	12	3.36	0.11	A
M521-73 H	30	24	253	24	3.36	0.11	A
M521-74 H	40	27	575	12	5.5	0.21	B
M521-74 H	40	27	575	24	5.5	0.21	B
M521-75 H	50	30	1097	12	5.7	0.36	B
M521-75 H	50	30	1097	24	5.7	0.36	B
M521-75 H	50	30	1097	240	8.56	0.41	C
M521-76 H	65	35	1677	12	8.2	0.71	B
M521-76 H	65	35	1677	24	8.2	0.71	B
M521-76 H	65	35	1677	240	10.7	0.74	C
Loosening current							
M521-77 L	35	48	285	24	5.5	0.35	D
M521-77 L	35	48	285	240	5.5	0.35	C
M521-78 L	50	63	471	24	8.5	0.87	D
M521-78 L	50	63	471	240	8.5	0.88	C