



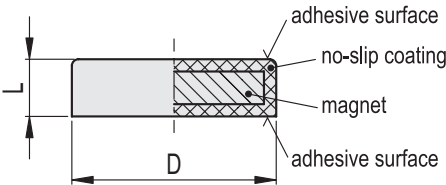
MATERIAL
(NdFeB) Neodymium-iron-boron retaining magnet, for temperatures up to 80°C.
Retaining magnets technical data (on page 756).

NO-SLIP COATING
(TPE) thermoplastic elastomer, RAL 9011 black colour, 80 shore A.

FEATURES AND APPLICATIONS
RMBS flat retaining magnets are shielded magnetic systems with high performances and moderate overall dimensions.
They can be used on both surfaces to lock metal or magnetic components and to create custom fastening solutions.
The elastomer coating increases the friction coefficient in the presence of lateral push forces, resulting in better adhesion. They are generally used on sensitive surfaces.



Conversion Table 1 mm = 0.039 inch	
D	
mm	inch
12	0.47
18	0.70
22	0.86
31	1.21
43	1.68



Code	Description	D	L	Nominal adhesive forces* [N]	⚖
503451	RMBS-12-ND-BK	12	8	10	4.5
503453	RMBS-18-ND-BK	18	6	20	7.5
503455	RMBS-22-ND-BK	22	9	40	17
503457	RMBS-31-ND-BK	31	6	55	20.5
503459	RMBS-43-ND-BK	43	9	70	51.5

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