



Magnets for locking systems

Technical Information Sheet

HIGH PERFORMANCE MAGNETIC MATERIALS

ECONOMIC MAGNETIC MATERIALS

	NEODYMIUM	MAGNET	ELECTROMAGNET	SAMARIUM	FLEXIBLE PLAS- TO-NEODYMIUM	ALNICO	INJECTION MOULDED PLASTO-MAGNET	FERRITE	PLASTO-FERRITE FLEXIBLE
SPECIFICATIONS									
ENERGY PRODUCT UP TO... (KJ/M3)	366 KJ/M3	366 KJ/M3	366 KJ/M3	240 KJ/M3	68 KJ/M3	92 KJ/M3	50 KJ/M3	40 KJ/M3	14 KJ/M3
TEMPERATURE RANGE UP TO MAX.	220 °C	500 °C	220 °C	350 °C	120 °C	500 °C	120 °C	300 °C	80 °C
FLEXIBLE					•				•
TYPES OF MAGNETISATION	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE	AXIAL, MULTI-POLE	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, BIPOLAR, MULTI-POLE	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL	AXIAL, MULTI-POLE, RADIAL, DIAMETRAL, HALBACH	AXIAL, BIPOLAR, MULTI-POLE, CIRCULAR
ACID PROOF						•		•	
WATERPROOF						•		•	•
FIRE PROOF						•		•	
HOLDING FORCE FROM... TO...		from 0.4 kg to 130 kg	from 0.4 kg to 130 kg		from 30 to 1500 gr/cm³				from 15 to 120 gr/cm³
OPTIONALS									
Zn COATING	•	•							
Ni COATING	•	•		•					
NiCuNi COATING	•	•							
NiCuNi + EPOXY COATING	•	•							
NiCuNi + Sn COATING	•	•							
PASSIVATED	•								
POLISHED								•	
RUBBER COATING	•	•	•						
TOTAL STEEL COATING	•	•	•						
RESIN COATING	•	•	•						
DOUBLE-SIDED ADHESIVE FILM	•	•		•	•	•		•	•
CUSTOMISED LOGO	•	•	•	•	•	•			•
TYPES OF APPLICATION									
Magnetic locks	•	•	•	•	•	•	•	•	•
Magnetic seals					•				•
Shower door locking system		•			•		•		•
Door and window locking systems	•	•	•	•	•	•	•	•	•
Drawer and cupboard locking systems	•	•		•	•	•	•	•	•
Safe locking systems	•	•	•	•	•			•	
Garment fastening systems	•	•						•	•
Magnetic sensor locking systems	•	•	•	•		•	•	•	
Household appliance locking systems	•	•	•	•	•	•	•	•	•
Automotive locking systems	•	•	•	•	•	•	•	•	•
Safety door locking systems	•	•	•	•		•	•	•	
Industrial machine locking systems	•	•	•	•	•	•	•	•	•
Industrial door locking systems	•	•	•	•	•	•		•	