



If you only want to get
the **best quality**
of magnetic products.

'18

CATALOGUE

BM

Bakker Magnetics

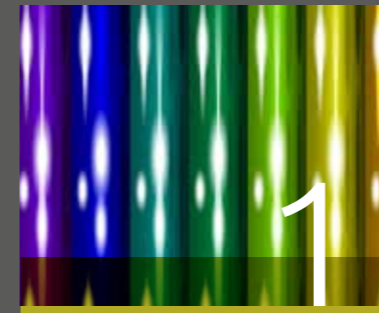
WHY BAKKER MAGNETICS ?

We believe in making life easier by having our magnetic solutions easily accessible.

OUR EXPERTISE

A solid answer to any magnetic challenge. We develop, test and produce magnetic products and solutions. With more than 45 years of knowledge, experience and our flexible approach we ensure a solid answer to any magnetic need. Whether that need is in office supplies, tools, visual communication, point of sale, retail or pet products.

Our headquarters in Son, just outside of Eindhoven, is situated right in the middle of the hi-tech epicentre of the Netherlands. Bakker Magnetics dealerships and agencies can be found worldwide. Besides our production and assembly facilities in Son, we also produce magnets in our Joint Venture in Ningbo, China.



Flexible Materials



Magnetic Strips



Office Supplies



Ceiling Magnets



Pot Magnets



Point of Sale Magnets



BAXX Lifting Magnets



Magnetic Tools



Logistic Products



Red Painted Magnets



Magnetic Material

PRODUCT DESCRIPTION: Flexible Magnetic Sheeting

MAGNETIC PROPERTIES BM705

Maximum Energy Product: 0.5 to 0.6 MGOe
 Remanence: 1600-1900 G Coercivity: 1100-1500 Oe Intrinsic Coercivity: 1900-2500 Oe

MAGNETIC PROPERTIES BM708

Maximum Energy Product: 1.10 to 1.30 MGOe
 Remanence: 2100-2400 G Coercivity: 1900-2200 Oe Intrinsic Coercivity: 2600-3100 Oe

TEMPERATURE RESISTANCE BM705

End-use temperature range: - 20-c / + 50-c
 Short term resistance: 70°C

TEMPERATURE RESISTANCE BM708

End-use temperature range: - 30°C / + 55°C
 Short term resistance: 65°

MAGNETIC PULL	BM705	BM708
Thickness of Magnetic Material	g/cm ²	g/cm ²
0.40 mm	12	-
0.50 mm	29	37
0.75 mm	45	70
1.00 mm	47	88
1.50 mm	53	90
2.00 mm	59	106

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking
 Specific Gravity: 3.7 to 3.8 g/cm³
 Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease

PVC WHITE FILM

Bakker Magnetics understands that this PVC film can be used for outdoor applications but Bakker Magnetics gives no guarantee to its durability. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.

BACKCOATING

The magnetic sheeting has a UV hardened coating on the magnetic side.

PRINTABILITY

Large Format Digital Printer: Solvent-based inks yes
 Large Format Digital Printer: UV inks yes

Notes:

1. Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PET film.
2. Users should do preliminary tests to confirm printability before production.

Flexibility in Flexible Magnetic Materials.

Flexible Magnetic Material is a thermoplastic permanent magnetic material with a multi magnetic polarization, designed to produce greater holding force on magnetically receptive surfaces. High intensity lines of magnetic polarity fully cover one surface of the flexible magnetic material. The optimum magnetic strength is on the inside of the roll. Full width 615 up to 1520 mm polarization exhibits a tractive force depending on thickness and quality from 20 up to 100 g/cm².



Bakker Magnetics

Always ahead.



FLEXIBLE MAGNETIC MATERIALS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Natural rolls*		
Articlenumber	Description/Dimensions	Box QTY
705.060/031	0.20mm x 1000mm x 50 mtr.	1
705.001/031	0.40mm x 1000mm x 100mtr.	1
705.002/031	0.40mm x 615mm x 30 mtr.	1
705.004/031	0.40mm x 1000mm x 20 mtr.	1
705.006/031	0.50mm x 615mm x 15 mtr.	1
705.008/031	0.50mm x 615mm x 30 mtr.	1
705.010/031	0.50mm x 1000mm x 20 mtr.	1
705.021/031	0.75mm x 615mm x 10 mtr.	1
705.023/031	0.75mm x 615mm x 30 mtr.	1
705.027/031	0.80mm x 1000mm x 10 mtr.	1
705.038/031	1.00mm x 615mm x 15 mtr.	1
705.039/031	1.00mm x 1000mm x 10 mtr.	1
705.052/031	1.50mm x 615mm x 15 mtr.	1
705.054/031	1.50mm x 1000mm x 10 mtr.	1
705.055/031	2.00mm x 1000mm x 2 mtr.	1

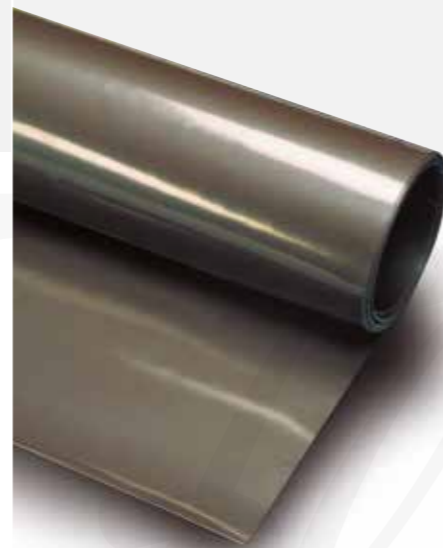
Anisotropic natural rolls		
Articlenumber	Description/Dimensions	Box QTY
708.002/131	0.40mm x 615mm x 20 mtr.	1
708.007/131	0.50mm x 615mm x 20 mtr.	1
708.023/131	0.75mm x 615mm x 20 mtr.	1
708.038/131	1.00mm x 615mm x 15 mtr.	1
708.052/131	1.50mm x 615mm x 10 mtr.	1
708.054/131	1.50mm x 1000mm x 10 mtr.	1
708.055/131	2.0mm x 1000mm x 2 mtr.	1
708.056/131	2.0mm x 615mm x 7 mtr.	1

White rolls*		
Articlenumber	Description/Dimensions	Box QTY
705.100/000	0.30mm x 1000mm x 100 mtr.	1
705.104/000	0.35mm x 1000mm x 30 mtr.	1
705.151/000	0.35mm x 1200mm x 30 mtr.	1
705.102/000	0.50mm x 1200mm x 20 mtr.	1
705.108/000	0.50mm x 615mm x 30 mtr.	1
705.110/000	0.50mm x 1000mm x 20 mtr.	1
705.112/000	0.60mm x 615mm x 15 mtr.	1
705.113/000	0.60mm x 615mm x 10 mtr.	1
705.114/000	0.60mm x 615mm x 30 mtr.	1
705.115/000	0.60mm x 1000mm x 10 mtr.	1
705.116/000	0.60mm x 1000mm x 20 mtr.	1
705.128/000	0.85mm x 615mm x 15 mtr.	1
705.129/000	0.85mm x 615mm x 30 mtr.	1
705.131/000	0.85mm x 615mm x 10 mtr.	1
705.133/000	0.85mm x 1000mm x 10 mtr.	1
705.141/000	1.1mm x 615mm x 15 mtr.	1
705.142/000	1.1mm x 1000mm x 10 mtr.	1

White on magnetic side		
Articlenumber	Description/Dimensions	Box QTY
704.110/000	0.50mm x 1000mm x 20 mtr.	1
704.114/000	0.60mm x 615mm x 30 mtr.	1
704.116/000	0.60mm x 1000mm x 20 mtr.	1
704.129/000	0.85mm x 615mm x 30 mtr.	1
704.133/000	0.85mm x 1000mm x 10 mtr.	1

White pet top layer		
Articlenumber	Description/Dimensions	Box QTY
705.170/000	0.50mm x 1000mm x 20mtr.	1
705.173/000	0.90mm x 1000mm x 10 mtr.	1

*Upon request also available in self-adhesive (for standard availability see page 9)



*Upon request also available in gloss or whiteboard coating



Inkjet white rolls/sheets

Articlenumber	Description/Dimensions	Box QTY
.25 0210*00297/000	0.25mm x 210mm x 297mm A4 Matt	50
.25 0210*00297/000/34	0.25mm x 210mm x 297mm A4 Gloss	50
.25 0297*00420/000	0.25mm x 297mm x 420mm A3 Matt	20
.25 0297*00420/000/34	0.25mm x 297mm x 420mm A3 Gloss	20
701.160/000	Roll White 0.3 x 1000 x 20000mm - Inkjet Paper Matt	1
701.401/000	Soft magn. 0.3 x 1000 x 20000mm - Inkjet Paper Matt	1



Coloured rolls

Articlenumber	Description/Dimensions	Box QTY
705.214/...	0.60mm x 615mm x 30 mtr.	1
705.229/...	0.85mm x 615mm x 30 mtr.	1

002=yellow, 003=blue, 004=black, 005=green, 006=red



Iron vinyl white pet

Articlenumber	Description/Dimensions	Box QTY
705.470/000	0.18mm x 1050mm x 50 mtr.	1
705.484/000	0.18mm x 1280mm x 50 mtr.	1
705.480/000	0.18mm x 1370mm x 50 mtr.	1
705.486/000	0.18mm x 1520mm x 50 mtr.	1

Product description: Ferro Film with White PET

CONSTRUCTION:



MAGNETIC RECEPTIVENESS: ≥ 3.5g/m²

The magnetic receptiveness is tested on BM standard 705 flexible magnetic sheet of 0.75mm thickness (magnetic pull 42 g/cm²)

PRINTABILITY:

Large Format Digital Printer: Eco-Solvent inks	Yes
Large Format Digital Printer: Solvent-based inks	Yes
Large Format Digital Printer: UV Inks	Yes

* Users should do preliminary tests to confirm printability before production.

Iron vinyl natural / white

Articlenumber	Description/Dimensions	Box QTY
705.401/031	0.65mm x 610mm x 30 mtr.	1
705.405/031	0.40mm x 1000mm x 30 mtr.	1
705.465/000	0.30mm x 1200mm x 20 mtr.	1

Selfadhesive rolls

Articlenumber	Description/Dimensions	Box QTY
705.008/030	0.50mm x 615mm x 30 mtr.	1
705.023/030	0.75mm x 615mm x 30 mtr.	1



Calendered Sheeting / Strip

Product Description

High intensity lines of magnetic polarity fully cover one surface of the flexible magnetic material. The optimum magnetic strength is on the inside of the roll. Full width 615 up to 1000 mm polarisation exhibits a tractive force depending on thickness and quality from 20 up to 100 g/cm².

Physical Properties

- **Stability** – excellent throughout -15°C to 55°C, short-term resistance: 70°C.
- **Weather resistance** – excellent.
- **Flexibility** – bending without cracking around a 25,4 mm diameter rod at 20°C (sheets up to 1,5 mm thickness).
- **Machinability** – suitable for punching, die cutting, knife cutting with any kind of paper-cutting machine, shears or knives.
- **Density** – 3,7 – 3,8 g/cm³.

Available Coatings / Adhesives

- Standard matte white welded
- Premium high-gloss white welded
- Standard colours (laminated): red, blue, green, yellow, black
- Pressure sensitive adhesive backings in a wide range

Calendering

Can be machined, cut, die cut, welded and laminated to customer wishes.



Magnetic Properties Calendered Sheeting / Strip								
	Remanence	Remanence	Normal Coercivity	Normal Coercivity	Intrinsic Coercivity	Intrinsic Coercivity	Max. energy Product (BH) _{max}	Max. energy Product (BH) _{max}
	Br(kG)	Br(mT)	HcB(kOe)	HcB(kA/m)	HcJ(kOe)	HcJ(kA/m)	(MGOe)	(kJ/m ³)
Isotropic	1,6 - 1,9	160 - 190	1,20 - 1,50	107	2,20 - 2,50	187	0,65 - 0,75	5,60
Anisotropic	2,1 - 2,4	210 - 240	1,90 - 2,20	163	3,10 - 3,50	262	1,10 - 1,30	9,60

Applications

Sales promotions, die cut letters and numbers, educational toys, display boards, decoration panels, nameplates, signage, advertising specialties, games, etc. Extrusions

Product Description

Custom designed extrusion and custom cut parts to fit your specifications. Standard and high energy strip is available. Pattern fit for your application, magnetised or not magnetised.

Extruding

Can be cut and laminated to customer wishes.



Patterns of magnetisation

- Magnetised Axially
- Magnetised Multipole on one side : 2 / 3 / 5 and 9 poles are available in pole / counterpole combinations

Magnetic Properties Extruded Material / Extrusions								
	Remanence	Remanence	Normal Coercivity	Normal Coercivity	Intrinsic Coercivity	Intrinsic Coercivity	Max. energy Product (BH) _{max}	Max. energy Product (BH) _{max}
	Br(kG)	Br(mT)	HcB(kOe)	HcB(kA/m)	HcJ(kOe)	HcJ(kA/m)	(MGOe)	(kJ/m ³)
Isotropic	1,70	170	1,30	104	1,95	155	0,65	5,18
Anisotropic	2,05	205	1,70	135	2,55	203	1,00	8,76

Higher energy values available upon request

Density: 3.65 - 3.89 g/cm³

Applications

Pop-up displays, profiles for shower and refrigerator doors, poster displays, secondary glazing, visual planning, magnetic knife racks, shelf labelling, etc.

Endless possibilities
with **Magnetic Strips.**

Magnetic Strips, available in flat strip and custom extrusions is used in many applications. It can be laminated with a variety of coatings, such as a strong acrylic adhesive for excellent outdoor weather ability. In the rare cases that our extensive range standard adhesives does not meet expectations, Bakker Magnetics can provide for a customized adhesive.

BM

Bakker Magnetics

Always ahead.



FLEXIBLE MAGNETIC STRIPS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

1-side self-adhesive magnetic strips

Articlenumber	Description/Dimensions	Box QTY
200.031	0.75mm x 12.5mm x 30mtr.	20
200.032	0.75mm x 19.0mm x 30mtr.	10
200.033	0.75mm x 25.0mm x 30mtr.	10
200.030/00	1.00mm x 10mm x 10mtr.	6
200.034/00	1.50mm x 12.5mm x 30mtr.	8
200.035/00	1.50mm x 19.0mm x 30mtr.	5
200.036/00	1.50mm x 25.4mm x 30mtr.	4
200.101	2.50mm x 12.5mm x 30mtr. foam adhesive	8



Natural magnetic strips

Articlenumber	Description/Dimensions	Box QTY
200.041	0.75mm x 12.5mm x 30mtr.	20
200.042	0.75mm x 19.0mm x 30mtr.	10
200.043	0.75mm x 25.0mm x 30mtr.	10
200.044/00	1.50mm x 12.5mm x 30mtr.	8
200.045/00	1.50mm x 19.0mm x 30mtr.	5
200.046/00	1.50mm x 25.0mm x 30mtr.	4
200.047/00	2.00mm x 20.0mm x 50mtr.	3
200.091	3.00mm x 9.00mm x 50mtr.	5

Coloured magnetic strips

Articlenumber	Description/Dimensions	Box QTY
200.051/..	0.60mm x 15.0mm x 30mtr.	10
200.052/..	0.60mm x 20.0mm x 30mtr.	10
200.053/..	0.60mm x 25.0mm x 30mtr.	8
200.054/..	0.60mm x 30.0mm x 30mtr.	8
200.055/..	0.60mm x 35.0mm x 30mtr.	6
200.056/..	0.60mm x 40.0mm x 30mtr.	6
200.057/..	0.60mm x 50.0mm x 30mtr.	4

00=white, 02=yellow, 03=blue, 04=black, 05=green, 06=red

Magnetic c-profile

Articlenumber	Description/Dimensions	Box QTY
200.061	10.0mm x 50mtr.	6
200.062	15.0mm x 50mtr.	4
200.063	20.0mm x 50mtr.	3
200.064	25.0mm x 50mtr.	2
200.065	30.0mm x 50mtr.	2
200.066	40.0mm x 50mtr.	2
200.067	50.0mm x 50mtr.	2
200.069	60.0mm x 50mtr.	2

Magnetic strip anisotropic (2-sides magnetic)

Articlenumber	Description/Dimensions	Box QTY
200.081	3.0mm x 8.5mm x 50mtr.	5
200.082	4.0mm x 12.0mm x 50mtr.	4
200.083	6.0mm x 9.0mm x 50mtr.	3



FLEXIBLE MAGNETIC STRIPS FOR POP-UP DISPLAYS

1-side self-adhesive

Articlenumber	Description/Dimensions	Magnetisation	Adhesive	Box QTY
200.034/00	1.5mm x 12.7mm x 30mtr.	S/N/S/N/S	fasson306a	8
200.034/15	1.5mm x 12.7mm x 30mtr.	N/S/N/S/N	fasson306a	8
200.034/04	1.5mm x 12.7mm x 30mtr.	N/S/N	fasson306a	8
200.034/08	1.5mm x 12.7mm x 30mtr.	S/N/S	fasson306a	8
200.034/16	1.5mm x 12.7mm x 30mtr.	N/S/N/S/N	tesafix4965	8
200.034/17	1.5mm x 12.7mm x 30mtr.	S/N/S/N/S	tesafix4965	8
200.034/21	1.5mm x 12.7mm x 30mtr.	S/N/S/N	fasson306a	8
200.036/00	1.5mm x 25.4mm x 30mtr.	N/S/N/S/N/S/N/S/N	fasson306a	4
200.036/10	1.5mm x 25.4mm x 30mtr.	N/S/N/S/N/S/N/S/N	tesafix4965	4
200.036/27	1.5mm x 25.4mm x 30mtr.	S/N/S/N/S/N/S/N/S	tesafix4965	4



Organize yourself
**Magnetic Office
Supplies.**

Magnetic Office Supplies

Magnetic Office Supplies.

With our powerful magnetic solutions your office will be organized with ease.

BM

Bakker Magnetics

Always ahead.



Magnetic painting hooks

Articlenumber	Description/Dimensions	Tractive Force Kg	Box QTY
300.040	50 x 100	2,3	100
300.041	100 x 200	6,8	30
300.042	150 x 250	10,5	40
300.043	200 x 300	38,0	30

Magnetic clothinghooks standard

Articlenumber	Description/Dimensions	Box QTY
300.075	2 hooks packed set of 2 pcs.	1
300.076	4 hooks packed set of 2 pcs.	1
300.085/1	1 hook round 90mm	1

Magnetic clothinghooks de luxe

Articlenumber	Description/Dimensions	Box QTY
300.078	2 hooks	1
300.079	4 hooks	1

Magnetic rubbercoated fixationmagnets

Articlenumber	Description/Dimensions	Box QTY
84.2580/12	75 x 50 x 12	10
300.070/04	Dia. 90mm.	10

Magnetic PVC window

Articlenumber	Description/Dimensions	Box QTY
300.072/.../01	A4 (210 x 297mm) set of 5 pcs.	12
300.073/.../01	A3 (297 x 420mm) set of 5 pcs.	12

01=grey, 02=yellow, 03=blue, 04=black, 05=green, 06=red



Magnetic memo magnets

Articlenumber	Description/Dimensions	Tractive Force Gr	Box QTY
100.101/.../01	Dia. 10mm	45	100
100.102/.../01	Dia. 20mm	220	100
100.103/.../01	Dia. 25mm	425	100
100.104/.../01	Dia. 30mm	580	100
100.105/.../01	Dia. 35mm	850	100
100.107/.../01	Dia. 35mm super	1600	250

00=white, 01=grey, 02=yellow, 03=blue, 04=black, 05=green, 06=red

Magnetic c-profile

Articlenumber	Description/Dimensions	Box QTY
200.061	10.0mm x 50mtr.	6
200.062	15.0mm x 50mtr.	4
200.063	20.0mm x 50mtr.	3
200.064	25.0mm x 50mtr.	2
200.065	30.0mm x 50mtr.	2
200.066	40.0mm x 50mtr.	2
200.067	50.0mm x 50mtr.	2
200.069	60.0mm x 50mtr.	2

Self adhesive label

Art. nr	Description/Dimensions	Box QTY
200.300/030	Adhesive label round 19mm x 0.7mm - Set of 100 pcs.	1

Metal tape self adhesive

Art. nr	Description/Dimensions	Box QTY
200.115	Metal tape white with foam self adhesive 35mm x 5mtr	1



On top of the world with **Ceiling Magnets.**

4

Ceiling Magnets. In many shops and stores promotional materials and posters are presented by using ceiling magnets which are economical, flexible, reusable and almost invisible. They can be used again and again. BM ceiling magnets are available in two types: plastic covered and metal covered. The high tractive force in the plastic covered types is due to a combination of magnets and steel pole pieces. This results in a small magnetic system with optimum results.

BM

Bakker Magnetics

Always ahead.



CEILING MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Plastic covered ceiling magnets with open hook

Articlenumber	Description/Dimensions	Tractive Force Kg	Box QTY
300.003/00/01	CEILINGMAGNET PLASTIC D43mm WHITE STANDARD	6	50
300.004/00/01	CEILINGMAGNET PLASTIC D52mm WHITE STANDARD	9	20
300.005/00/01	CEILINGMAGNET PLASTIC D62mm WHITE STANDARD	14	40
300.008/00/01	CEILINGMAGNET PLASTIC 29 x 33mm WHITE STANDARD	6	50
300.009/00/01	CEILINGMAGNET PLASTIC 44 x 33mm WHITE STANDARD	9	50



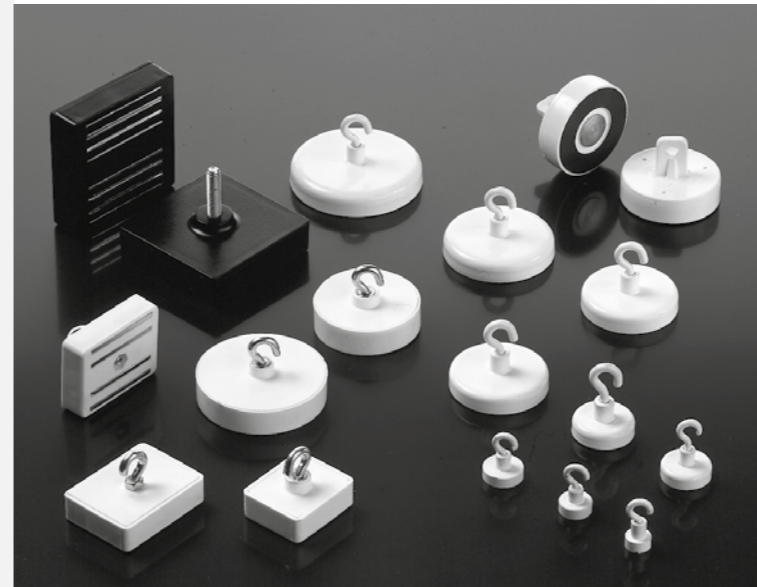
Ceiling magnets - special

Articlenumber	Description/Dimensions	Tractive Force Kg	Box QTY
300.006/00/01	CEILINGMAGNET SPECIAL, D40mm, PLASTIC WITH CLOSED EYE, WHITE	12	50
300.011/04/01	CEILINGMAGNET SPECIAL, 58 x 58mm, PLASTIC, BLACK WITH THREAD END	29	16
300.012/01/01	CEILINGMAGNET SPECIAL 27 x 13mm, CLOSED EYE, GREY	10	50
300.015/00/01	CEILINGMAGNET SPECIAL, D22mm, Nd, METAL, WHITE WITH OPEN HOOK	15	100
300.015/04/01	CEILINGMAGNET SPECIAL, D22mm, Nd, METAL, BLACK WITH OPEN HOOK	15	100



Metal covered ceiling magnets with open hook

Articlenumber	Description/Dimensions	Tractive Force Kg	Box QTY
300.022/00/01	CEILINGMAGNET METAL D16mm WHITE STANDARD	1	100
300.023/00/01	CEILINGMAGNET METAL D20mm WHITE STANDARD	2	70
300.024/00/01	CEILINGMAGNET METAL D25mm WHITE STANDARD	4	70
300.025/00/01	CEILINGMAGNET METAL D32mm WHITE STANDARD	6	70
300.026/00/01	CEILINGMAGNET METAL D36mm WHITE STANDARD	8	60
300.027/00/01	CEILINGMAGNET METAL D40mm WHITE STANDARD	10	60
300.028/00/01	CEILINGMAGNET METAL D47mm WHITE STANDARD	16	50
300.029/00/01	CEILINGMAGNET METAL D50mm WHITE STANDARD	18	50
300.030/00/01	CEILINGMAGNET METAL D57mm WHITE STANDARD	22	20
300.031/00/01	CEILINGMAGNET METAL D63mm WHITE STANDARD	25	40





Potential possibilities with **Pot Magnets**.

Permanent pot magnets. Powerful magnets with a focused magnetic field. Pot magnets are often used as tools for various activities in workshops and in industry. Pot magnets daily render invaluable manual and clamping services in fixing metallic pieces of work for processes such as cutting, milling and drilling. An important property of pot magnets is the fact that the magnetic field is restricted to the pole surface - the other sides demonstrate no magnetic effects. This does protect the immediate environment from unwanted magnetic influences.



BM

Bakker Magnetics

Always ahead.



PERMANENT POT MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Ceramic Magnet System

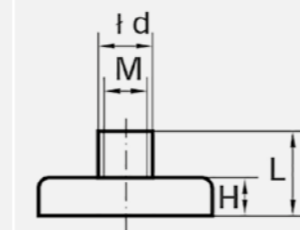
Articlenumber	Description/Dimensions	Tractforce N	BOX QTY
31.001	POTMAGNET FLAT D10 x 4.5mm	4	300
31.002	POTMAGNET FLAT D13 x 4.5mm	10	350
31.003	POTMAGNET FLAT D16 x 4.5mm	18	300
31.004	POTMAGNET FLAT D20 x 6mm	30	350
31.005	POTMAGNET FLAT D25 x 7mm	40	150
31.006	POTMAGNET FLAT D32 x 7mm	80	100
31.007	POTMAGNET FLAT D36 x 7.7mm	100	100
31.008	POTMAGNET FLAT D40 x 8mm	125	100

Construction: flat casing: galvanised - Operating temp: max 80 °C

Ceramic Magnet System

Articlenumber	Description/Dimensions	L	Tractforce N	BOX QTY
31.021	POTMAGNET D10 x 4.5mm+M3 THREAD BUSH	11	4	250
31.022	POTMAGNET D13 x 4.5mm+M3 THREAD BUSH	11,5	10	150
31.023	POTMAGNET D16 x 4.5mm+M3 THREAD BUSH	11,5	18	150
31.024	POTMAGNET D20 x 6mm+M3 THREAD BUSH	13	30	300
31.025	POTMAGNET D25 x 7mm+M4 THREAD BUSH	15,5	40	100
31.026	POTMAGNET D32 x 7mm+M4 THREAD BUSH	16	80	100
31.027	POTMAGNET D36 x 7.7mm+M4 THREAD BUSH	16	100	100
31.028	POTMAGNET D40 x 8mm+M5 THREAD BUSH	18	125	100
31.029	POTMAGNET D47 x 9mm+M4 THREAD BUSH	17,5	180	50
31.030	POTMAGNET D50 x 10mm+M6 THREAD BUSH	22	220	50
31.031	POTMAGNET D57 x 10.5mm+M4 THREAD BUSH	19	280	25
31.032	POTMAGNET D63 x 14mm+M8 THREAD BUSH	30	350	25
31.033	POTMAGNET D80 x 18mm+M10 THREAD BUSH	34	600	10
31.034	POTMAGNET D90 x 13mm+M10 THREAD BUSH	-	400	10
31.035	POTMAGNET D100 x 22mm+M12 THREAD BUSH	43	900	5

Construction: flat, with threaded bush - Casing: galvanised - Operating temp: max 80 °C



Ceramic Magnet System

Articlenumber	Description/Dimensions	L	Tractforce N	BOX QTY
31.200	POTMAGNET D10 x 4.5mm+M3 THREAD STUD	11,5	4	300
31.201	POTMAGNET D13 x 4.5mm+M3 THREAD STUD	11,5	10	150
31.202	POTMAGNET D16 x 4.5mm+M3 THREAD STUD	11,5	18	100
31.203	POTMAGNET D20 x 6mm+M3 THREAD STUD	13,0	30	200
31.204	POTMAGNET D25 x 7mm+M4 THREAD STUD	15,0	40	100
31.205	POTMAGNET D32 x 7mm+M4 THREAD STUD	15,0	80	100
31.206	POTMAGNET D47 x 9mm+M6 THREAD STUD	17,0	180	50
31.207	POTMAGNET D57 x 10.5mm+M6 THREAD STUD	15,5	280	25
31.208	POTMAGNET D63 x 14mm+M6 THREAD STUD	29,0	350	25

Construction: flat, with externally threaded stud- Casing: galvanised - Operating temp: max 80 °C

Ceramic Magnet System

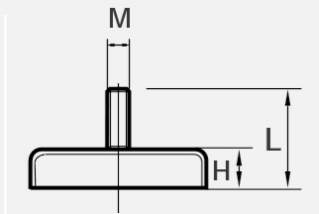
Articlenumber	Description/Dimensions	Tractforce N	BOX QTY
31.220	POTMAGNET D16 x 4.5mm+CS-HOLE D=3.5mm	14	300
31.221	POTMAGNET D20 x 6mm+CS-HOLE D=4.2mm	27	350
31.222	POTMAGNET D25 x 7mm+CS-HOLE D=5.5mm	36	150
31.223	POTMAGNET D32 x 7mm+CS-HOLE D=5.5mm	72	100
31.224	POTMAGNET D40 x 8mm+CS-HOLE D=5.5mm	90	100

Construction: flat, with countersunk hole - Casing: galvanised - Operating temp: max 80 °C

Ceramic Magnet System

Articlenumber	Description/Dimensions	Tractforce N	BOX QTY
31.240	POTMAGNET FLAT D50 x 10mm+M6 HOLE	170	50
31.241	POTMAGNET FLAT D63 x 14mm+M8 HOLE	350	25
31.242	POTMAGNET FLAT D80 x 18mm+M8 HOLE	550	10
31.243	POTMAGNET FLAT D80 x 18mm+M10 HOLE	550	10

Construction: flat, with threaded through hole - Casing: galvanised - Operating temp: max 80 °C





PERMANENT POT MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Neodymium Magnet System

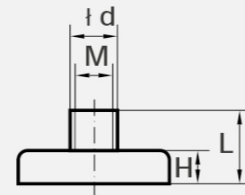
Article	Description/Dimensions	Tractforce N	BOX QTY
33.201	POTMAGNET D6 x 4.5mm	5	350
33.202	POTMAGNET D8 x 4.5mm	13	100
33.203	POTMAGNET D10 x 4.5mm	25	350
33.204	POTMAGNET D13 x 4.5mm	60	270
33.205	POTMAGNET D16 x 4.5mm	95	100
33.206	POTMAGNET D20 x 6mm	140	100
33.207	POTMAGNET D25 x 7mm	200	50
33.208	POTMAGNET D32 x 7mm	350	30

Construction: flat
Casing: galvanised steel
Operating temp: max 90 °C

Neodymium Magnet System

Article	Description/Dimensions	L	Tractforce N	BOX QTY
33.121	POTMAGNET D6 x 4.5mm+M3 THREAD BUSH	11,5	5	200
33.122	POTMAGNET D8 x 4.5mm+M3 THREAD BUSH	11,5	13	300
33.123	POTMAGNET D10 x 4.5mm+M3 THREAD BUSH	11,5	25	100
33.124	POTMAGNET D13 x 4.5mm+M3 THREAD BUSH	11,5	60	100
33.125	POTMAGNET D16 x 4.5mm+M4 THREAD BUSH	11,5	95	120
33.126	POTMAGNET D20 x 6mm+M4 THREAD BUSH	13,0	140	100
33.127	POTMAGNET D25 x 7mm+M4 THREAD BUSH	14,0	200	100
33.128	POTMAGNET D32 x 7mm+M5 THREAD BUSH	15,5	350	50

Construction: flat, with treaded bush
Casing: galvanised steel
Operating temp: max 90 °C



Neodymium Magnet System

Article	Description/Dimensions	L	Tractforce N	BOX QTY
33.300	POTMAGNET D10 x 4,5mm + M3 THREAD STUD	11,5	25	250
33.301	POTMAGNET D13 x 4,5mm + M5 THREAD STUD	12,5	60	150
33.302	POTMAGNET D16 x 4,5mm + M6 THREAD STUD	12,5	95	150
33.303	POTMAGNET D20 x 6mm + M6 THREAD STUD	16,0	140	100
33.304	POTMAGNET D25 x 7mm + M6 THREAD STUD	17,0	200	50
33.305	POTMAGNET D32x7mm + M6 THREAD STUD	17,0	350	50

Construction: flat, with treaded stud
Casing: galvanised steel
Operating temp: max 90 °C

Neodymium Magnet System

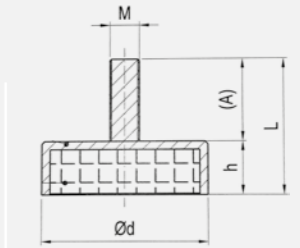
Article	Description/Dimensions	Tractforce N	BOX QTY
33.220	POTMAGNET D16 x 4.5mm+CS-HOLE D=3.5mm	75	150
33.221	POTMAGNET D20 x 6mm+CS-HOLE D=4.2mm	105	100
33.222	POTMAGNET D25 x 7mm+CS-HOLE D=5.5mm	160	50
33.223	POTMAGNET D32 x 7mm+CS-HOLE D=5.5mm	310	50
33.224	POTMAGNET D40 x 8mm+CS-HOLE D=5.5mm	500	30

Construction: flat, with countersunk hole
Casing: galvanised steel
Operating temp: max 90 °C

Neodymium Magnet System

Article	Description/Dimensions	Tractforce N	BOX QTY
33.238	POTMAGNET FLAT D32 x 7mm+M5 HOLE	330	50
33.239	POTMAGNET FLAT D40 x 8mm+M5 HOLE	500	100
33.241	POTMAGNET FLAT D63 x 14mm+M10 HOLE	1100	10
33.243	POTMAGNET FLAT D80 x 18mm+M10 HOLE	1750	5

Construction: flat, with threaded through hole
Casing: galvanised steel
Operating temp: max 90 °C



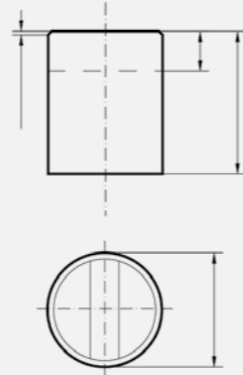


PERMANENT POT MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

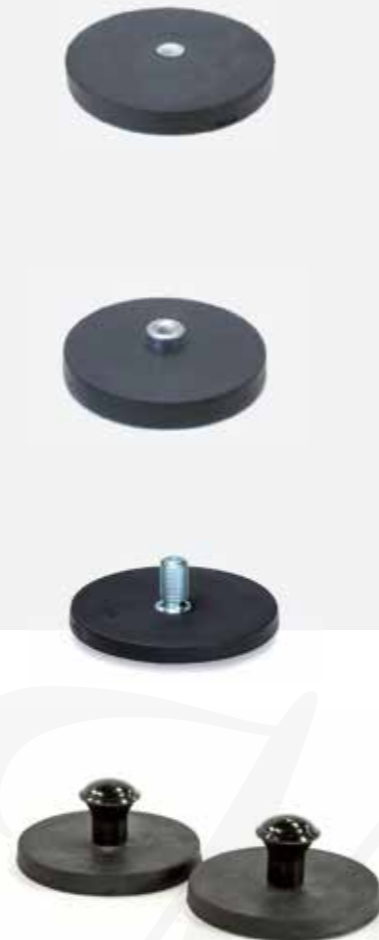
Neodymium Magnet System

Articlenumber	Description/Dimensions	Tractforce N	BOX QTY
32.001	NDFEB POTMAGNET D6 x 20mm	10	150
32.002	NDFEB POTMAGNET D8 x 20mm	25	100
32.003	NDFEB POTMAGNET D10 x 20mm	45	100
32.004	NDFEB POTMAGNET D13 x 20mm	70	75
32.005	NDFEB POTMAGNET D16 x 20mm	150	40
32.006	NDFEB POTMAGNET D20 x 20mm	280	25



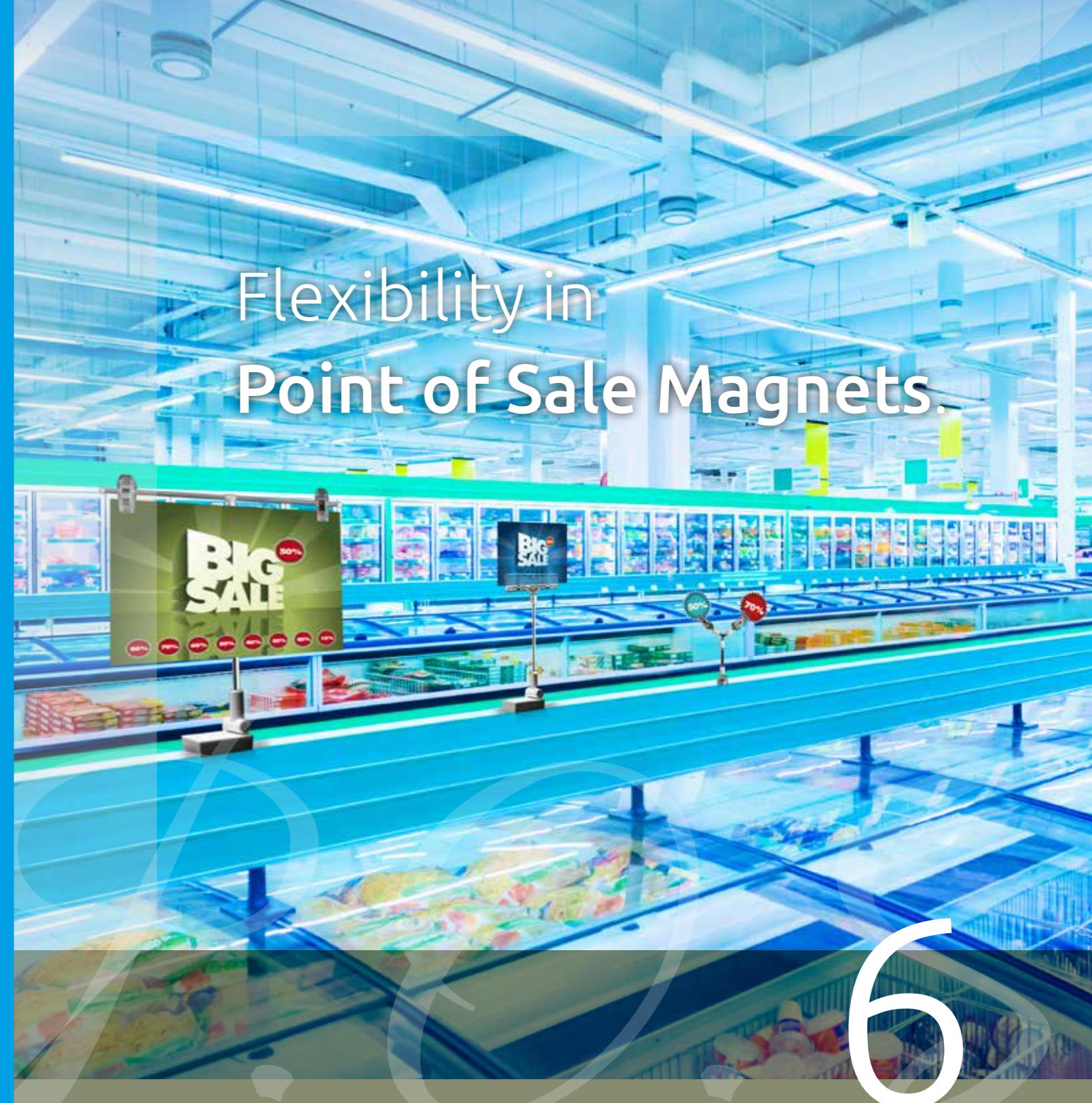
Neodymium Magnet System Rubber Covered

Articlenumber	Description/Dimensions	Tractforce N	BOX QTY
300.190	NEODYMIUM POTMAGNET D31+M5 THREAD HOLE	89	100
300.191	NEODYMIUM POTMAGNET D43+M4 THREAD HOLE	100	75
300.192	NEODYMIUM POTMAGNET D66+M6 THREAD HOLE	250	50
300.193	NEODYMIUM POTMAGNET D88+M6 THREAD HOLE	550	10
300.290	NEODYMIUM POTMAGNET D31+M4 THREAD BUSH	89	100
300.291	NEODYMIUM POTMAGNET D43+M4 THREAD BUSH	100	75
300.292	NEODYMIUM POTMAGNET D66+M5 THREAD BUSH	250	50
300.293	NEODYMIUM POTMAGNET D88+M8 THREAD BUSH	550	10
300.391	NEODYMIUM POTMAGNET D43+M4x6 THREAD STUD	100	75
300.392	NEODYMIUM POTMAGNET D66+M8x15 THREAD STUD	250	50
300.393	NEODYMIUM POTMAGNET D88+M8x15 THREAD STUD	550	10
300.394	NEODYMIUM POTMAGNET WITH HANDGRIP D43x6+HANDGRIP 100	100	75



Santoprene covered

Flexibility in Point of Sale Magnets.



Point Of Sale Adjustable Magnets are a helping hand in presenting your daily messages with great ease.

BM

Bakker Magnetics

Always ahead.

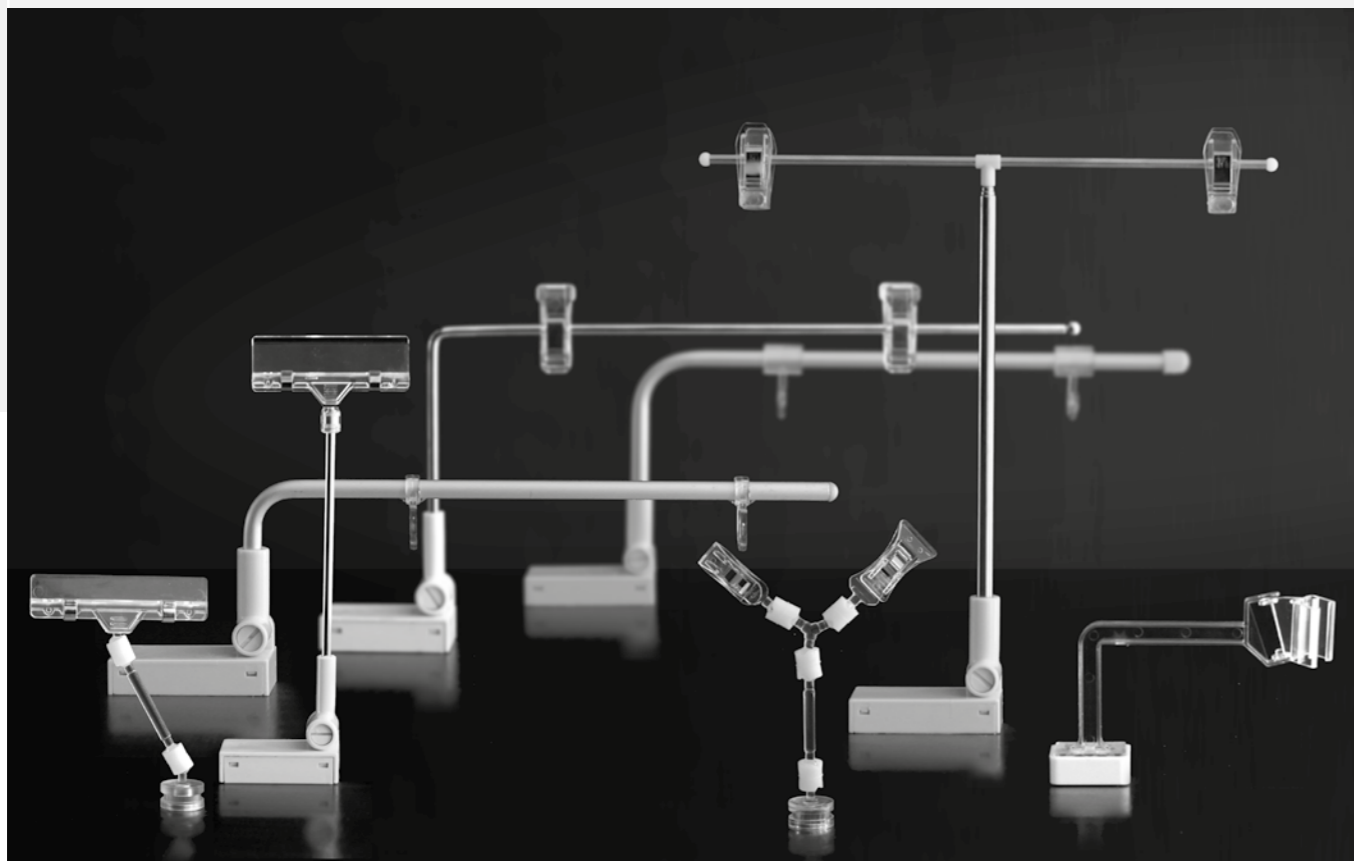
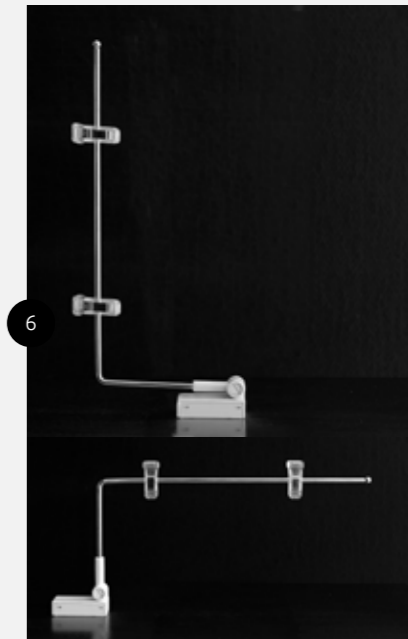
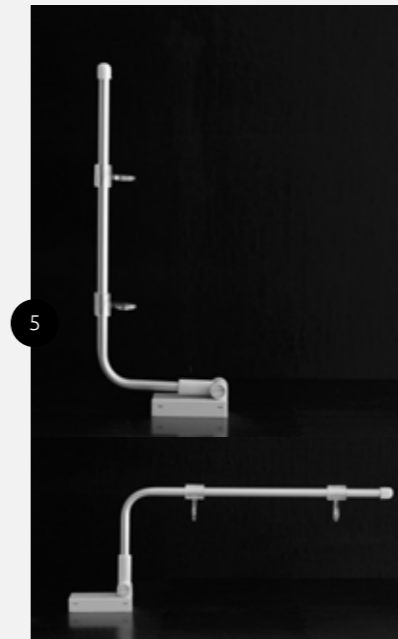
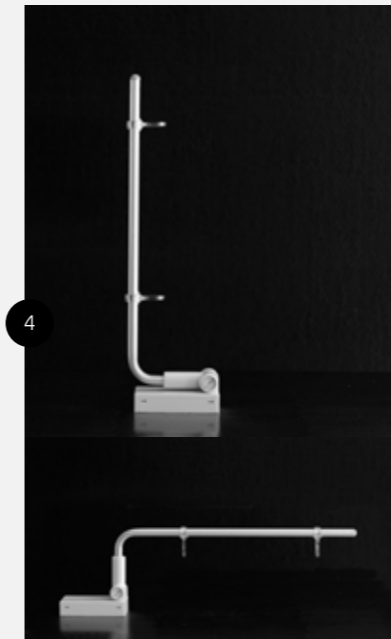
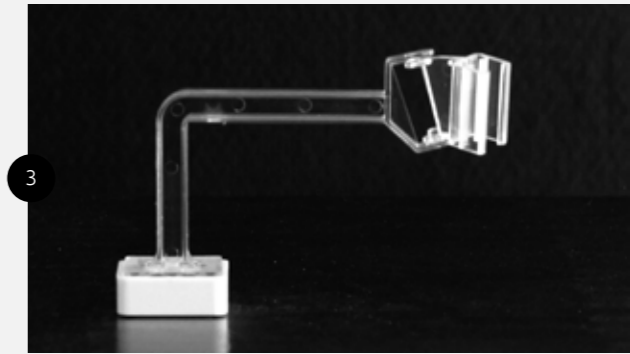
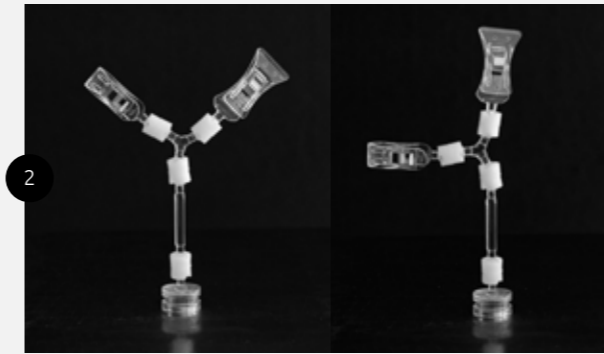
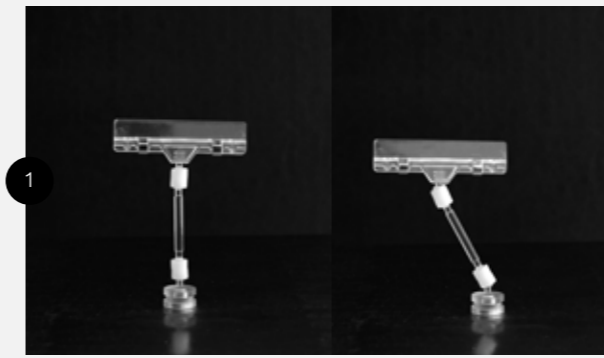


P.O.S. FLEXIBLE MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

P.O.S. Magnets

Articlenumber	Description/Dimensions	Box QTY	Ref Number
310.001	POS MAGNET NEODYMIUM HEIGHT 120mm WIDTH 80mm, DIAM BASE 20mm	25	1
310.002	POS MAGNET NEODYMIUM BASED WITH Y PLASTIC CLIP	25	2
310.003	POS MAGNET HEIGHT 70mm WIDTH 115mm, BASE 35X35X13mm	10	3
310.004	POS MAGNET HEIGHT 85mm WIDTH 250mm - 180 GR ADJUSTABLE ANGLE	10	4
310.005	POS MAGNET HEIGHT 150mm WIDTH 300mm - L METAL BAR AND 2 PLASTIC HOOKS	10	5
310.006	POS MAGNET HEIGHT 100mm WIDTH 300mm - 180 GR ADJUSTABLE ANGLE CHROME	10	6
310.007	POS MAGNET HEIGHT 150mm WIDTH 80mm - 180 GR ADJUSTABLE ANGLE	10	7
310.008	POS MAGNET RECT. WITH METAL BAR AND 2 CLIPS	10	8





Easy to handle lifting capacity with **BAXX Lifting Magnets.**

BAXX Lifting Magnets. Permanent lifting magnets operate without additional energy being supplied and are therefore very energy friendly. In addition, power failures do not influence their operation so they can be used safely anywhere. For loads with a greater weight, multiple lifting magnets can be used. For spherical and round materials, there are BM lifting magnets available with prism-shaped pole surfaces. The operation is extremely simple: place the lifting magnet on the material to be lifted and turn the handle. BM permanent lifting magnets are almost maintenance free.

BM

Bakker Magnetics

Always ahead.



Powerful Permanent Lifting Magnets

Type	Art.no	Weight	Box QTY
BAXX 125	50.650	3 KG	1
BAXX 250	50.651	10 KG	1
BAXX 500	50.652	20 KG	1
BAXX 1000	50.653	40 KG	1
BAXX 2000	50.654	90 KG	1

List of replacement parts and part numbers

	Lifting eye	Axle and handle	Locking assembly	Grip	Box QTY
BAXX 125	50.650/90	50.650/91	50.650/92	50.650/94	1
BAXX 250	50.650/90	50.651/91	50.650/92	50.653/94	1
BAXX 500	50.652/90	50.652/91	50.650/92	50.653/94	1
BAXX 1000	50.652/90	50.653/91	50.650/92	50.653/94	1
BAXX 2000	50.654/90	50.654/91	50.654/92	50.654/94	1





Cutting edge Magnetic Tools.

Magnetic Tools, a helping hand. Magnetism is widely used in industry to perform activities more efficiently and more simply. This is certainly the case in construction firms where steel plates are handled. It is well known that taking just one sheet can be a relatively time-consuming business which can hold up the work especially with series production.

BM

Bakker Magnetics

Always ahead.



MAGNETIC TOOLS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Plate lifter

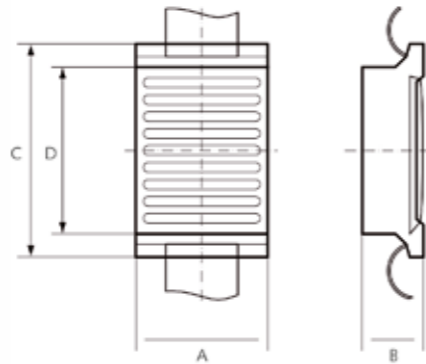
Articlenumber	Size	Box QTY			
50.006	150 x 160mm	2			
Plate Thickness	Lifting Capacity KG		Resistance to slip KG		
	A	B	A	B	
20mm	140	60	85	50	
10mm	110	50	65	40	-
5mm	75	35	60	35	-
1mm	30	20	20	15	-

The values in kg under "A" are valid for an air gap of 0. The values under "B" are valid for an air gap of 0.2 mm. The air gap can be caused by a layer of paint, coating, etc.
For manual use, BM supplies a hand magnet: a handy tool for moving plates by hand.
Art.no. 70.002



Hand Magnet

Articlenumber	A	B	C	D	Weight	Box QTY
70.002	38	18	65	49	0,116kg	2



Magnetic Tool holder

Articlenumber	Description/Dimensions	Color	Box QTY
70.006/00	33 x 300mm	White	10
70.006/04	33 x 300mm	Black	10



Magnetic Flexible tool

Articlenumber	A	B	Lifting capacity (N)	Weight gr.	Box QTY
70.030	460	6	5	79	1
70.031	460	9	10	88	1
70.032	520	12	18	224	1
70.033	520	16	30	265	1



Logical Logistic Solutions.

Logistic Products. Magnetic labels white, self-adhesive, writable or printed are logical products to organize your warehouse, workshop or shop.

BM

Bakker Magnetics

Always ahead.



Magnetic PVC window

Articlenumber	Description/Dimensions	Box QTY
300.072/./01	A4 (210mm x 297mm) - Set of 5 pcs.	12
300.073/./01	A3 (297mm x 420mm) - Set of 5 pcs.	12

01= grey, 02= yellow, 03 blue, 04= black, 05=green, 06=red



Inkjet material

Articlenumber	Description/Dimensions	Box QTY
200.700	INKJET PAPER MATT A4 (210mm x 297mm) - Set of 5 pcs.	1
200.701	INKJET PAPER MATT A3 (297mm x 420mm) - Set of 5 pcs.	1



Self-adhesive label

Articlenumber	Description/Dimensions	Box QTY
200.300/030	ADHESIVE LABEL ROUND 19mm x 0.7mm - Set of 100 pcs.	1



Magnetic label holder

Articlenumber	Description/Dimensions	Box QTY
300.074/05/01	LABEL HOLDER YELLOW 30 x 100mm - Set of 100 pcs.	1
300.074/05/02	LABEL HOLDER YELLOW 40 x 120mm - Set of 100 pcs.	1
300.074/05/03	LABEL HOLDER YELLOW 50 x 100mm - Set of 100 pcs.	1
300.074/05/04	LABEL HOLDER YELLOW 50 x 150mm - Set of 100 pcs.	1



Writable magnetic tape

Articlenumber	Description/Dimensions	Box QTY
200.051/00	WRITABLE MAGNETIC TAPE 15mm x 30000mm x 0.6mm	10
200.052/00	WRITABLE MAGNETIC TAPE 20mm x 30000mm x 0.6mm	10
200.053/00	WRITABLE MAGNETIC TAPE 25mm x 30000mm x 0.6mm	8
200.054/00	WRITABLE MAGNETIC TAPE 30mm x 30000mm x 0.6mm	8
200.055/00	WRITABLE MAGNETIC TAPE 35mm x 30000mm x 0.6mm	6
200.056/00	WRITABLE MAGNETIC TAPE 40mm x 30000mm x 0.6mm	6
200.057/00	WRITABLE MAGNETIC TAPE 50mm x 30000mm x 0.6mm	4



Flexible metal sheet 1-side self-adhesive

Articlenumber	Description/Dimensions	Box QTY
200.600	A4 (210mm x 297mm) - Set of 10 pcs.	1
200.601	A3 (297mm x 420mm) - Set of 10 pcs.	1



Metal tape self-adhesive

Articlenr	Description/Dimensions	Box QTY
200.115	METAL TAPE WHITE WITH FOAM SELF ADHESIVE 35mm X 5mtr.	1





Strong as steel Red Painted Magnets.

BM

Bakker Magnetics

Always ahead.

Red Painted Magnets. A range for all kinds of industrial applications Red painted permanent magnets are used for all sorts of industrial applications, for mounting, clamping, transporting, hoisting and welding. Red painted magnets are extremely suitable for being built in to equipment, accessories and tools, often as a replacement for other fasteners. Unless otherwise noted, all products are manufactured from AlNiCo magnetic material.



RED PAINTED MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

Potmagnets with steel magnet system

Articlenumber	Description/Dimensions	Tractforce N	Box QTY
30.001	DEEP POTMAGNET D17.5 x 16mm/M6	26	100
30.002	DEEP POTMAGNET D20.5 x 19mm/M6	40	100
30.003	DEEP POTMAGNET D27 x 25mm/M6	61	50
30.004	DEEP POTMAGNET D35 x 30mm/M6	147	25
30.005	DEEP POTMAGNET D65 x 43mm/M12	400	5

Maximum temperature magnet: 450° C
Maximum temperature paint: 300° C

Shallow Pot magnets

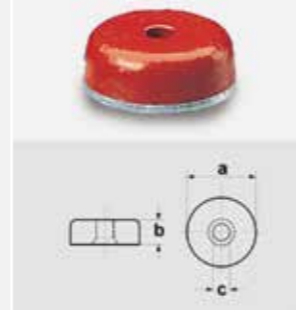
Articlenumber	Description/Dimensions	Tractforce N	Box QTY
30.006	SHALLOW POTMAGNET D19.1 x 7.5mm	30	150
30.007	SHALLOW POTMAGNET D28.6 x 8.5mm	50	50
30.008	SHALLOW POTMAGNET D38.1 x 10.4mm	130	40

Maximum temperature magnet: 450° C
Maximum temperature paint: 300° C

Pot Magnets with ceramic magnet/through hole

Articlenumber	Description/Dimensions	Tractforce N	Box QTY
30.022	POTMAGNET FLAT D90 x 13mm/M8	600	10
30.023	POTMAGNET FLAT D50 x 13mm/M8	150	25
30.024	POTMAGNET FLAT D80 x 20mm/M10	400	5

Maximum temperature magnet: 450° C
Maximum temperature paint: 300° C



Welding Magnets

Articlenumber	Description/Dimensions	Box QTY
40.007	MAGNEFIX 120 x 15 x 82mm BLISTERCARD	10
40.008	MAGNEFIX 160 x 20 x 100mm BLISTERCARD	10



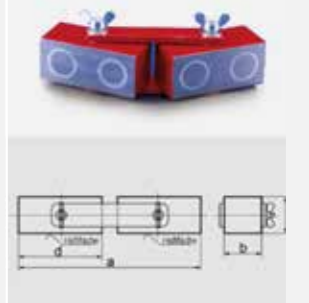
Welding Magnets

Articlenumber	Description/Dimensions	Box QTY
40.001	MAGNETIC MITRE CLAMPS	1



Welding Magnets

Articlenumber	Description/Dimensions	Box QTY
40.002	ADJUSTABLE MAGNETIC POSITIONER	1



Welding Magnets

Articlenumber	Description/Dimensions	Box QTY
40.009	MAGNEFIX 100 x 12 x 65mm	10





RED PAINTED MAGNETS | PRODUCTLIST

ISO 9001 and ISO 14001 Certified

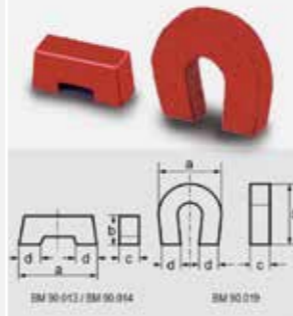
Welding Magnets

Articlenr	Description/Dimensions	Tractforce N	Box QTY
70.041	MAGNETIC WELDING CLAMP	2 x 500	1
70.042	MAGNETIC WELDING CLAMP	2 x 500	1



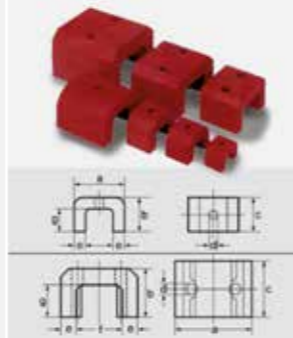
Horseshoe Magnets

Articlenr	Description/Dimensions	Tractforce N	Box QTY
90.013	HORSE SHOE MAGNET 19 x 10.4 x 15 x 4.3mm	13	60
90.014	HORSE SHOE MAGNET 22.2 x 11.1 x 7.9 x 7.9mm	13	90
90.019	HORSE SHOE MAGNET 28.6 x 24.9 x 7.9 x 7.9mm	24	30



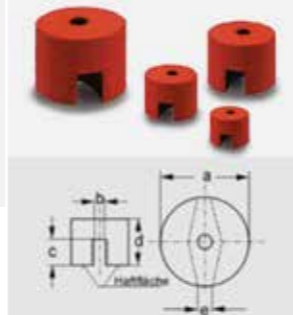
Horseshoe Magnets

Articlenr	Description/Dimensions	Tractforce N	Box QTY
90.016	POWERFUL HORSE SHOE MAGNET 40 x 25 x 25mm	90	7
90.017	POWERFUL HORSE SHOE MAGNET 45 x 30 x 30mm	118	5



Button Magnets

Articlenr	Description/Dimensions	Tractforce N	Box QTY
90.020	ALNICO BUTTON MAGNETS D12.7 x 9.5mm	7	160
90.021	ALNICO BUTTON MAGNETS D19.1 x 12.7mm	19	50
90.022	ALNICO BUTTON MAGNETS D25.4 x 15.9mm	34	20
90.023	ALNICO BUTTON MAGNETS D31.8 x 25.4mm	48	10





The basics in Magnetic Material.

Magnetic Material. Neodymium magnets are currently the most powerful magnets available made based on rare earth. This opens up an important application area, where space is limited, or where high dynamics are demanded.

BM

Bakker Magnetics

Always ahead.



Disc Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.200	N35 D2 x 2mm set of 100 pcs.	1
14023.201	N35 D3 x 2mm set of 100 pcs.	1
14023.202	N35 D3 x 5mm set of 100 pcs.	1
14023.203	N35 D4 x 2mm set of 100 pcs.	1
14023.204	N35 D4 x 6mm set of 50 pcs.	1
14023.205	N35 D4 x 8mm set of 50 pcs.	1
14023.206	N35 D5 x 2mm set of 100 pcs.	1
14023.207	N35 D5 x 3mm set of 100 pcs.	1
14023.208	N35 D5 x 5mm set of 100 pcs.	1
14023.209	N35 D5 x 10mm set of 50 pcs.	1
14023.210	N35 D6 x 2mm set of 100 pcs.	1
14023.211	N35 D6 x 3mm set of 100 pcs.	1
14023.212	N35 D6 x 5mm set of 100 pcs.	1
14023.213	N35 D8 x 2mm set of 100 pcs.	1

Disc Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.214	N35 D8 x 3mm set of 100 pcs.	1
14023.215	N35 D8 x 4mm set of 100 pcs.	1
14023.216	N35 D8 x 12mm set of 25 pcs.	1
14023.217	N35 D8 x 20mm set of 20 pcs.	1
14023.218	N35 D9 x 3mm set of 100 pcs.	1
14023.219	N35 D9 x 5mm set of 50 pcs.	1
14023.220	N35 D9 x 6mm set of 50 pcs.	1
14023.221	N35 D9 x 20mm set of 20 pcs.	1
14023.222	N35 D9 x 30mm set of 10 pcs.	1
14023.223	N35 D10 x 2mm set of 100 pcs.	1
14023.224	N35 D10 x 3mm set of 100 pcs.	1
14023.225	N35 D10 x 6mm set of 50 pcs.	1
14023.226	N35 D10 x 8mm set of 50 pcs.	1
14023.227	N35 D10 x 10mm set of 50 pcs.	1

Disc Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.228	N35 D12 x 2mm set of 100 pcs.	1
14023.229	N35 D12 x 3mm set of 100 pcs.	1
14023.230	N35 D12 x 5mm set of 50 pcs.	1
14023.231	N35 D12 x 8mm set of 50 pcs.	1
14023.232	N35 D12 x 20mm set of 20 pcs.	1
14023.233	N35 D15 x 2mm set of 100 pcs.	1
14023.234	N35 D15 x 3mm set of 50 pcs.	1
14023.235	N35 D15 x 5mm set of 50 pcs.	1
14023.236	N35 D15 x 8mm set of 25 pcs.	1
14023.237	N35 D20 x 3mm set of 25 pcs.	1
14023.238	N35 D20 x 4mm set of 25 pcs.	1
14023.239	N35 D20 x 5mm set of 25 pcs.	1
14023.240	N35 D20 x 8mm set of 20 pcs.	1
14023.241	N35 D20 x 10mm set of 20 pcs.	1

Disc Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.242	N35 D25 x 2mm set of 50 pcs.	1
14023.243	N35 D25 x 3mm set of 25 pcs.	1
14023.244	N35 D25 x 5mm set of 20 pcs.	1
14023.245	N35 D30 x 5mm set of 10 pcs.	1
14023.246	N35 D30 x 10mm set of 5 pcs.	1
14023.247	N35 D30 x 15mm set of 5 pcs.	1
14023.248	N35 D35 x 10mm set of 5 pcs.	1
14023.249	N35 D35 x 15mm set of 5 pcs.	1
14023.250	N35 D40 x 10mm set of 5 pcs.	1
14023.251	N35 D45 x 5mm set of 5 pcs.	1
14023.252	N35 D50 x 10mm set of 2 pcs.	1
14023.253	N35 D50 x 15mm set of 2 pcs.	1

Magnetic materials based on rare earth are samarium - Cobalt (SmCo5 and Sm2Co17) and Neodymium (Nd2F14B). To prevent undesired oxidation processes, the Neodymium finished products are coated with a zinc, nickel, tin- or epoxy layer. These high-grade magnetic materials are used in places where an extremely strong magnetic force is required (NdFeB is by far the strongest magnetic material currently available). These materials are suc-

cessfully used in places where, in spite of limited space, a strong magnetic field is required (miniaturization). NdFeB magnets have the same amount of strength as hard ferrite magnets but require up to five times less space. On the other hand is of course also applicable that, with constant dimensions, a five to ten times greater energy product can be attained. NdFeB and SmCo magnets can also be used for low temperature projects.

NEODYMIUM SINTERED - MAGNETIC PROPERTIES															
Name	Remanence Br (kG)		Remanence Br (mT)		Normal coercivity -HcB (kOe)		Normal coercivity -HcB (kA/m)		Intrinsic coercivity -HcJ (kOe)	Intrinsic coercivity -HcJ (kA/m)	Max. energy product (B-H)max MGOe		Max. energy product (B-H)max KJ/m3		Continuous maximum operating temp. °C
	min	typ	min	typ	min	typ	min	typ			min	typ	min	typ	
BM 35	11.7	12.1	1170	1210	10.8	11.2	860	892	≥12	≥ 955	33	35	263	279	≤ 80
BM 38	12.0	12.4	1200	1240	11.2	11.9	890	950	≥12	≥ 955	36	38	287	302	≤ 80
BM 40	12.5	12.9	1250	1290	11.0	11.5	875	915	≥12	≥ 955	38	40	303	318	≤ 80
BM 42	12.8	13.5	1280	1350	11.0	11.5	875	915	≥12	≥ 955	40	43	318	342	≤ 80
BM 45	13.3	13.7	1330	1370	10.0	10.5	800	835	≥11	≥ 875	43	44	342	350	≤ 80

All magnets are Nickel coated





Block Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14019.510	N35 2 x 2 x 1mm set of 100 pcs.	1
14019.511	N35 4 x 4 x 2mm set of 100 pcs.	1
14019.512	N35 5 x 5 x 2mm set of 100 pcs.	1
14019.513	N35 6 x 4 x 2mm set of 100 pcs.	1
14019.514	N35 8 x 4 x 3mm set of 100 pcs.	1
14019.515	N35 8 x 8 x 4mm set of 100 pcs.	1
14019.516	N35 10 x 4 x 3mm set of 100 pcs.	1
14019.517	N35 10 x 5 x 2mm set of 100 pcs.	1
14019.518	N35 10 x 5 x 4mm set of 100 pcs.	1
14019.519	N35 10 x 10 x 3mm set of 100 pcs.	1
14019.520	N35 10 x 10 x 5mm set of 100 pcs.	1
14019.521	N35 12 x 8 x 3mm set of 100 pcs.	1
14019.522	N35 12 x 10 x 5mm set of 100 pcs.	1
14019.523	N35 12 x 6 x 4mm set of 100 pcs.	1

Block Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14019.524	N35 15 x 5 x 5mm set of 50 pcs.	1
14019.525	N35 15 x 15 x 5mm set of 50 pcs.	1
14019.526	N35 15 x 15 x 10mm set of 50 pcs.	1
14019.527	N35 20 x 10 x 5mm set of 50 pcs.	1
14019.528	N35 20 x 20 x 3mm set of 50 pcs.	1
14019.529	N35 20 x 20 x 5mm set of 50 pcs.	1
14019.530	N35 20 x 20 x 10mm set of 50 pcs.	1
14019.531	N35 25,4 x 25,4 x 12,7mm set of 50 pcs.	1
14019.532	N35 30 x 20x 8mm set of 50 pcs.	1
14019.533	N35 40 x 20 x 10mm set of 50 pcs.	1
14019.534	N35 40 x 40 x 20mm set of 10 pcs.	1
14019.535	N35 50 x 20 x 5mm set of 10 pcs.	1
14019.536	N35 50 x 25 x 10mm set of 5 pcs.	1
14019.537	N35 60 x 30 x 10mm set of 5 pcs.	1

Ring Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.100	N35 D6 x d2 x 2mm set of 100 pcs.	1
14023.101	N35 D8 x d4 x 2mm set of 100 pcs.	1
14023.102	N35 D8 x d4 x 3mm set of 100 pcs.	1
14023.103	N35 D10 x d4 x 2mm set of 100 pcs.	1
14023.104	N35 D10 x d4 x 4mm set of 50 pcs.	1
14023.105	N35 D10 x d5 x 3mm set of 50 pcs.	1
14023.106	N35 D10 x d5 x 5mm set of 50 pcs.	1
14023.107	N35 D12 x d4 x 3mm set of 50 pcs.	1
14023.108	N35 D12 x d6 x 4mm set of 50 pcs.	1
14023.109	N35 D12 x d6 x 5mm set of 25 pcs.	1
14023.110	N35 D12 x d8 x 3mm set of 50 pcs.	1
14023.111	N35 D15 x d5 x 3mm set of 50 pcs.	1
14023.112	N35 D15 x d6 x 4mm set of 25 pcs.	1
14023.113	N35 D15 x d8 x 3mm set of 50 pcs.	1

Ring Magnets		
Articlenumber	Description/Dimensions	BOX QTY
14023.114	N35 D15 x d10 x 4mm set of 25 pcs.	1
14023.115	N35 D18 x d6 x 3mm set of 25 pcs.	1
14023.116	N35 D18 x d10 x 3mm set of 25 pcs.	1
14023.117	N35 D18 x d10 x 4mm set of 25 pcs.	1
14023.118	N35 D20 x d8 x 3mm set of 25 pcs.	1
14023.119	N35 D20 x d10 x 3mm set of 25 pcs.	1
14023.120	N35 D20 x d10 x 5mm set of 20 pcs.	1
14023.121	N35 D20 x d12 x 3mm set of 25 pcs.	1
14023.122	N35 D20 x d12 x 4mm set of 20 pcs.	1
14023.123	N35 D22 x d10 x 5mm set of 10 pcs.	1
14023.124	N35 D22 x d12 x 4mm set of 10 pcs.	1
14023.125	N35 D24 x d10 x 3mm set of 20 pcs.	1
14023.126	N35 D24 x d10 x 5mm set of 10 pcs.	1
14023.127	N35 D24 x d12 x 4mm set of 10 pcs.	1

All magnets are Nickel coated





Bakker Magnetics bv | Sciencepark Eindhoven | +31 (0)40 - 2 678 678 / +31 (0)40 - 2 678 830 | fmp@baktermagnetics.com | www.baktermagnetics.com

** IMPORTANT NOTICE*

Published information concerning Bakker Magnetics products is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of Bakker Magnetics products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice. Bakker Magnetics 2018.