



FDA Plate Magnets

Separation system for various industries



Bakker Magnetics

Always ahead.

Datasheet Bakker Magnetics

FDA Plate magnets

version 1.2

Plate magnets, standard executed with ceramic magnets.
Sides which can make contact with the product flow are made out of stainless steel (AISI304).

For easy mounting there are thread holes inside in the back of these plates.

On special request different sizes can be manufactured.

To make cleaning of the magnets easier these FDA's can be executed with a so called "cleaning drawer".

- Execution : Plate magnet type FDA
Sturdy construction
Permanent magnetic
- Housing : Stainless steel 1.4301
- Rear plate : Steel S235 with thread holes
- Surface treatment : Anti-corrosion primer
Painted blue RAL5015
- Magnetic part : Permanent ceramic magnets quality BM7 or
Permanent Neodymium magnets quality BM35

Under normal circumstances Bakker Magnetics provides a life-time guarantee on the applied ceramic magnets.

Ceramic (FDA)

Article number	A	B	C	D	Thread holes	Weight (kg)
70.057	145	105	50	100	2xM8x8	3,8
70.058	210	105	50	100	2xM8x8	5,6
70.059	280	105	50	200	2xM8x8	7,4
70.060	310	105	50	200	2xM8x8	8,2
70.061	345	105	50	250	2xM8x8	9,2
70.062	410	105	50	150	3xM8x8	10,9
70.063	445	105	50	150	3xM8x8	11,8
70.064	510	105	50	200	3xM8x8	13,6
70.065	610	105	50	150	4xM8x8	16,2

Sizes and dimensions (in mm) as shown on the drawing on the last page.

Ceramic (FDA)

Article number	A	B	C	D	Thread holes	Weight (kg)
24.001	100	205	86,5	50	2xM10x25	8,5
24.002	125	205	86,5	75	2xM10x25	10,0
24.003	150	205	86,5	100	2xM10x25	12,5
24.004	200	205	86,5	100	2xM10x25	16,5
24.005	250	205	86,5	150	2xM10x25	21,0
24.006	300	205	86,5	200	2xM10x25	25,0
24.007	350	205	86,5	250	2xM10x25	29,0
24.008	400	205	86,5	300	2xM10x25	33,0
24.009	450	205	86,5	350	2xM10x25	37,5
24.010	500	205	86,5	400	2xM10x25	41,5
24.011	550	205	86,5	225	3xM10x25	45,5
24.012	600	205	86,5	250	3xM10x25	50,0

Neodymium (FDA)

Article number	A	B	C	D	Thread holes	Weight (kg)
24.050	50	104	41,5	30	2xM6x20	1,6
24.051	92	104	41,5	50	2xM8x20	2,9
24.052	134	104	41,5	75	2xM8x20	4,3
24.053	176	104	41,5	100	2xM8x20	5,6
24.054	218	104	41,5	100	2xM8x20	7,0
24.055	260	104	41,5	150	2xM8x20	8,3
24.056	302	104	41,5	200	2xM10x20	9,7
24.057	344	104	41,5	250	2xM10x20	11,0
24.058	386	104	41,5	250	2xM10x20	12,4
24.059	428	104	41,5	300	2xM10x20	13,7
24.060	470	104	41,5	350	2xM10x20	15,0
24.061	512	104	41,5	400	2xM10x20	16,4

Sizes and dimensions (in mm) as shown on the drawing on the last page.



For more information or questions please contact us:

Bakker Magnetics

Sciencepark Eindhoven 5502
5692 EL Son, The Netherlands

Division: Magnetic Separation Technology

Phone : +31 (0) 40 2 678 840

Mail : mst@bakkermagnetics.com

Dimensions and shape of the magnet, in combination with required manufacturing processes, may cause the magnetic and physical characteristics to vary from typical values. Therefore, all data presented in this document are for general reference only and should not be relied upon to represent standard characteristics, nor are they guaranteed upon use. Bakker Magnetics reserves the right to change information in this document, including magnet performance standards, specifications, and characteristics without notice.



Always ahead.

