

Magnetic Products, Inc.

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Rare Earth Plate Magnets (NP Series)**Application:**

MPI Rare Earth Plate Magnets remove both large and small pieces of tramp iron from product processing flows. The powerful permanent Rare Earth magnet material provides more effective separation performance for a broader range of applications, including product flows with deeper burden depths.

MPI Rare Earth Plate Magnets provide increased magnetic strength for effective tramp metal separation on product flows. Neodymium-Iron-Boron magnetic material minimizes product "wash-off" for below-the-flow installations.

Operation:

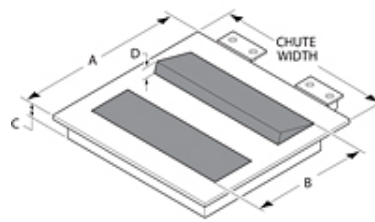
The magnetic face consists of two 430 series stainless steel poles that are spaced either to 1) effectively increase holding values on a Holding Plate Magnet or 2) achieve maximum reachout values for the reachout Plate Magnet. MPI Neo Plate Magnets are easy to install. The hinged mounting design allows quick and rapid cleaning of the magnetic surface. The strong magnetic field is effective in product streams up to 6".

Standard features:

- Stainless steel heavy-duty hinges and latches, with mounting hardware for easy installation and maintenance
- Powerful Rare Earth Neodymium-Iron-Boron permanent magnet material
- Operating temperatures up to 250 deg. F
- 100% stainless steel construction
- 1" wide uniform sealing flange to prevent product leakage
- Rugged all-welded construction

Optional features:

- Samarium cobalt magnetic material for high operating temperatures
- Waterproof, weather-resistant enclosure
- Replaceable abrasive resistant face plates
- Non-standard sizes



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Item #	Overall Width (Specify on RFQ)	Overall Length "A" (Holding)	Overall Length "A" (Reachout)	Magnetic Face Length "B" (Holding)	Weight (Holding)	Weight (Reachout)	List Price
NP-106	6 in	8 in	10 in	6 in	7 lb	7 lb	QUOTE
NP-108	8 in	8 in	10 in	6 in	9 lb	9 lb	QUOTE
NP-110	10 in	8 in	10 in	6 in	11 lb	11 lb	QUOTE
NP-112	12 in	8 in	10 in	6 in	14 lb	14 lb	QUOTE
NP-114	14 in	8 in	10 in	6 in	16 lb	16 lb	QUOTE
100 Series	N/A	8 in	10 in	6 in	14 lb	14 lb	QUOTE
NP-206	6 in	8 in	10 in	6 in	30 lb	30 lb	QUOTE
NP-208	8 in	8 in	10 in	6 in	30 lb	30 lb	QUOTE
NP-210	10 in	8 in	10 in	6 in	30 lb	30 lb	QUOTE
NP-212	12 in	8 in	10 in	6 in	30 lb	30 lb	QUOTE
NP-214	14 in	8 in	10 in	6 in	30 lb	30 lb	QUOTE
200 Series	N/A	8 in	10 in	6 in	30 lb	30 lb	QUOTE

300 Series	N/A	10 in	14 in	8 in	55 lb	55 lb	QUOTE
400 Series	N/A	10 in	14 in	8 in	90 lb	90 lb	QUOTE

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