



Magnets | Material Handling
Electronic Inspection | Service

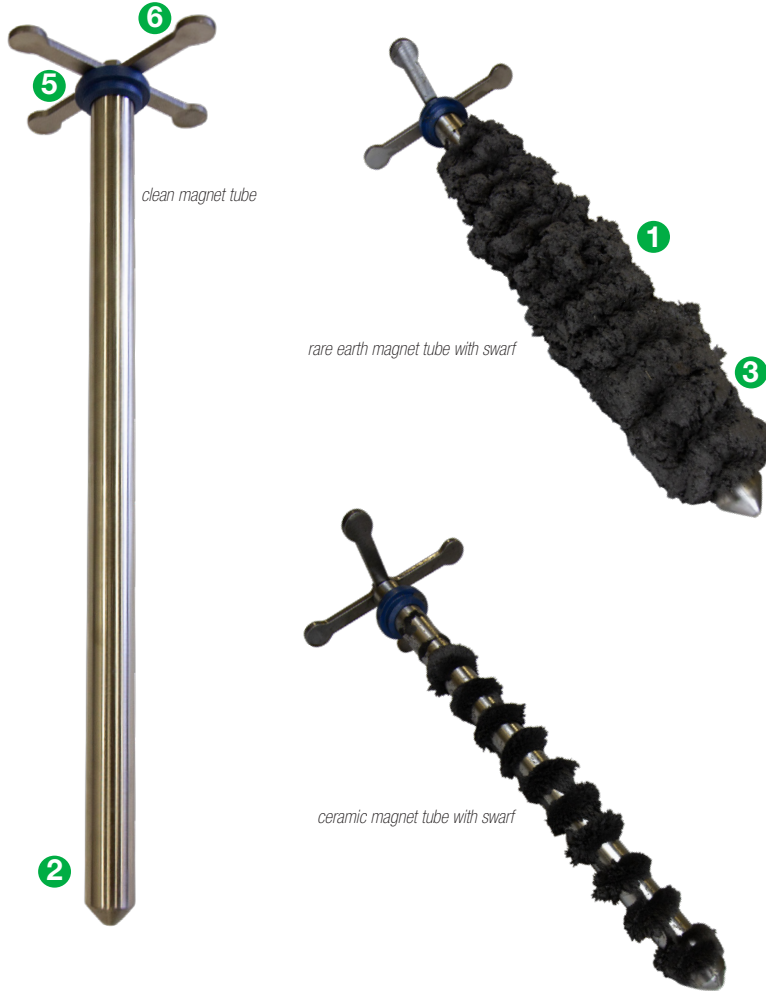


COMPLETE
METALWORKING
SOLUTIONS

(800) 991-4225
www.ahbinc.com
ISO Certified
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Filter Bag Magnet

Series: FBM



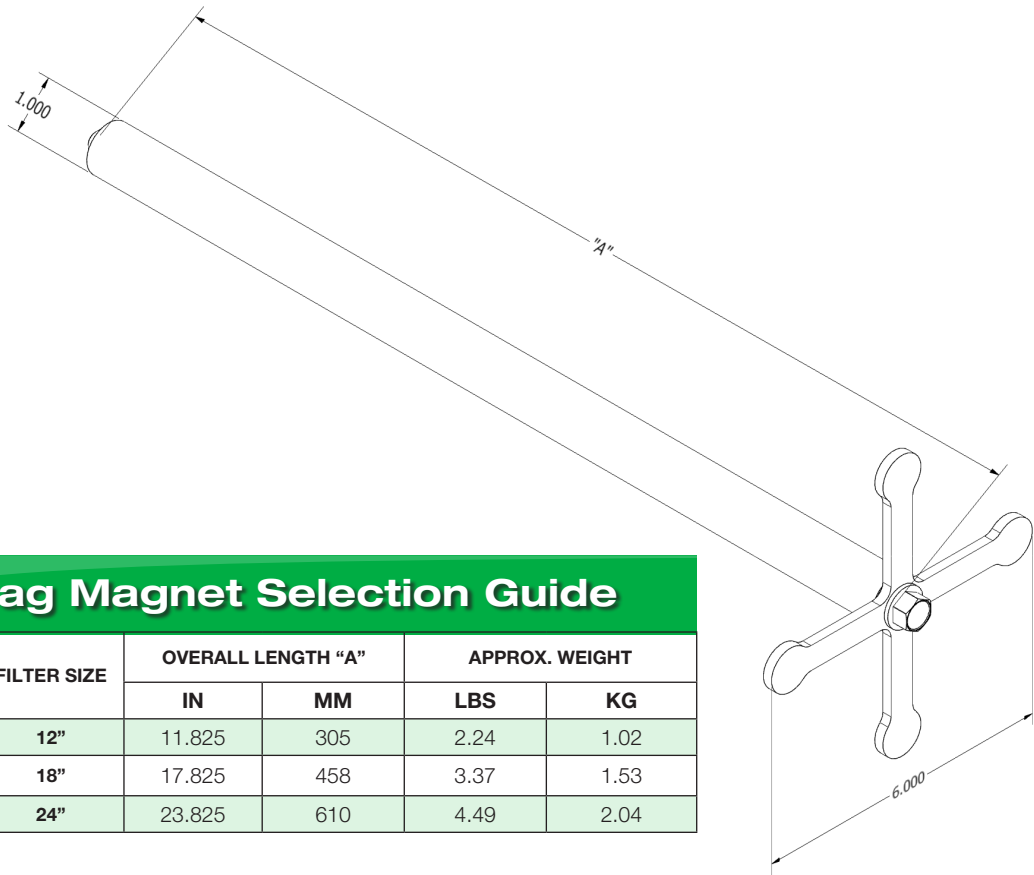
- 1 High performance rare earth magnetic circuit generates over 10,000 gauss on product contact area for maximum tramp metal retention, significantly out-performing ceramic and alnico designs
 - 2 Liquid tight fully welded design ensures no water ingress which can damage magnet
 - 3 Full length magnetic tube maximizes tramp metal retention
 - 4 Heavy wall thickness tube for high durability
 - 5 Nonmetallic stripper for easy cleaning of magnetic tube
 - 6 Clover handle grip and centering device
 - 7 Made in the USA
 - 8 Multiple designs to fit every budget and performance requirement
- Quality tested and certified to performance standard ordered prior to shipment (Certificate included with shipment)
- Industry leading lead time for delivery as short as 24 hours for custom sizes and configurations

Filter Bag Magnet Tube Performance				
Model	1" Ceramic	1" REN	1" Hi-G	1" Thin Wall**
1/4" Ball Pull Values*	0.3 lbs	5.0 lbs	5.8 lbs	6.5 lbs
1/2" Ball Pull Values*	1.2 lbs	13.0 lbs	16.0 lbs	16.5 lbs
Gauss Value*	2,500	10,000	10,800	12,000
Tube Durability	● ● ●	● ● ●	● ● ●	●
Price	●	● ●	● ● ●	● ● ●

* Pull values are average on contact and gauss values are peak on contact.

** Always consult a magnet professional before selecting thin wall tubes. Thin wall tubes are not recommended for products with abrasive characteristics or in manual clean designs such as grates.





Filter Bag Magnet Selection Guide

MODEL NUMBER	FILTER SIZE	OVERALL LENGTH "A"		APPROX. WEIGHT	
		IN	MM	LBS	KG
FBM-112-REN	12"	11.825	305	2.24	1.02
FBM-118-REN	18"	17.825	458	3.37	1.53
FBM-124-REN	24"	23.825	610	4.49	2.04

Filter Bag Magnet Selectable Options

Tube Length:

Available lengths from 4" to 36" in any increment. Standard sizes are listed the above table.

Material Construction:

- 304 Stainless Steel
- **316 Stainless Steel (standard)**

Magnetic Tubes:

- Ceramic
- **REN Rare Earth (standard)**
- Hi-G high performance Rare Earth
- TW Thin Wall high performance Rare Earth

Magnetic Material Temperature:

- 400° @ 3.5 MGO (ceramic)
- **176 F @ 52-55 MGOe (rare earth) (standard)**
- 248° @ 48 MGO (rare earth)
- 356° @ 38 MGO (rare earth)
- 662° @ 30 MGO (rare earth)

Handle Design:

- **6" diameter clover style handle to center magnetic tube in bag filter (standard)**
- 6" diameter clover style handle to center magnetic tube in bag filter with eyebolt on handle
- 6" long round bar t-handle welded to end of tube
- Customer specified

Dead Space Length:

- **No dead space, full magnetic tube (standard)**
- 4" dead space (no residual magnetism at end of tube)



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