



# SLIM™ - Spout Line Inspection Magnets

TRAMP METAL

TG-03G

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**SLIM™ Series Spout Line Inspection Magnets**, which offer single or multiple inspection points in spout lines, with the easy installation of our flanged unit. The SLIM™ features a 52 Grade Rare Earth Opti-B™ balanced circuit, featuring a high-performance blend of 9,500 gauss and 16.7 lbs. of pull strength on a 1/2" ball. The magnet is mounted to a clamped door plate assembly and is always in the product flow. To inspect for any ferrous or weakly magnetic stainless contaminants, the operator simply needs to unclamp and extract the assembly to perform a visual check.

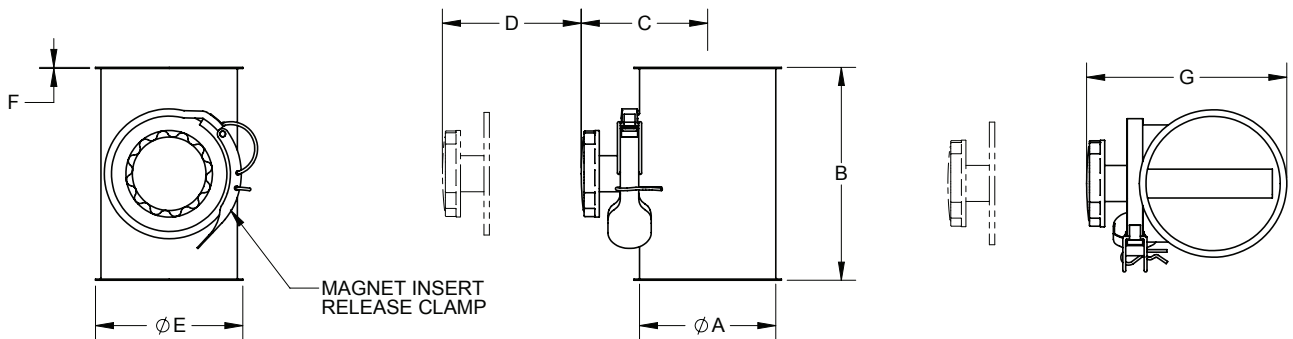
The SLIM™ series is intended to be used in conjunction with a comprehensive foreign contamination program and should be strategically placed at several locations throughout the process stream, such as: discharge points of mixers, sifters, screws, etc., anywhere that product drops into a gravity spout.

The SLIM™ is not a process magnet for product purification, but rather an inspection magnet at a given point in the process stream to help isolate and find metal contamination sources prior to the balance of a comprehensive magnetic solution being implemented. Such a solution generally includes drawer-in-housings, large tube housings, grates, plates and other purification magnets.



### Specifications:

Available in (4) line sizes: 105mm, 120mm, 150mm and 200mm  
 OAH: 190mm  
 Inspection Opening: 105mm



Standard Part No.	Inlet O.D. A (in) [mm]	Height B (in) [mm]	Housing Center to Insert Handle C (in)	Insert Removal Clearance D (in)	Housing Flange Diameter E (in)	Housing Thickness F (in)	Overall Width G (in)	Weight (lbs)
SLIM105	4.13 [105]	7.48 [190]	4.09	4.23	4.52	.04	6.35	2.9
SLIM120	4.72 [120]	7.48 [190]	4.38	4.81	5.11	.04	6.94	3.2
SLIM150	5.91 [150]	7.48 [190]	4.97	6.00	6.25	.04	8.10	3.7
SLIM200	7.87 [200]	7.48 [190]	5.96	7.97	8.26	.04	10.09	4.3

### Key Markets

Mid-stream magnets for dry, free flow powders to granular products; i.e. food, feed, grain, plastics, chemical

### Related Products

Magnetic Tubes & Grates, Large Tube Housings, The Ox, Clean-Flows, Pipe Magnets

All Photos And Drawings Represent The Products At The Time Of Publication (09/19)