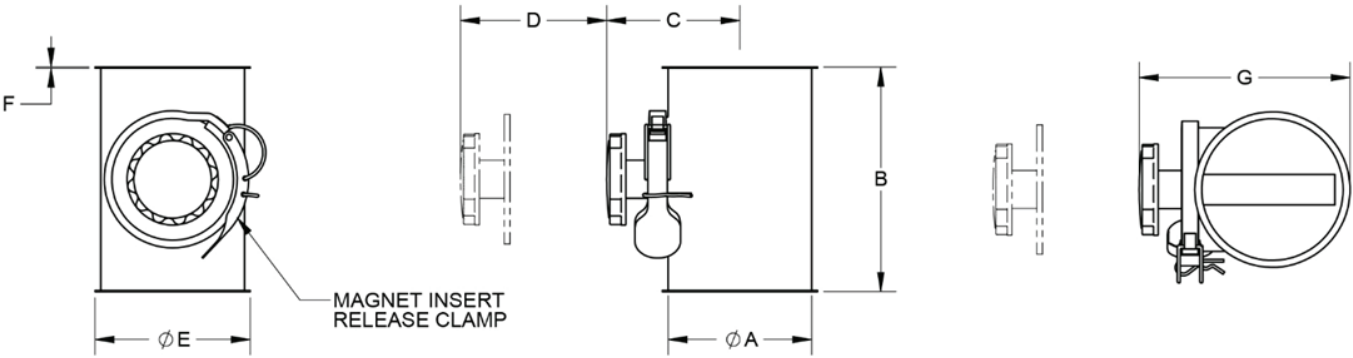


ISMX INSPECTION SPOUT MAGNET

Technical and Dimensional Data



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)
ISMX 105	4.13 [105]	7.48 [190]	4.09	4.23	4.52	.04	6.35	2.9
ISMX 120	4.72 [120]	7.48 [190]	4.38	4.81	5.11	.04	6.94	3.2
ISMX 150	5.91 [150]	7.48 [190]	4.97	6.00	6.25	.04	8.10	3.7
ISMX 200	7.87 [200]	7.48 [190]	5.96	7.97	8.26	.04	10.09	4.3



The Design



120mm & 150mm Inspection Caps



120mm Magnet Inspection Cap & Clamp



120 Magnet Inspection Spout



150mm Magnet Inspection Spout



120mm Magnet Inspection Spout



150mm Magnet Inspection Cap



120mm Magnet Inspection Cap



150mm Magnet Inspection Spout



120mm Magnet Inspection Spout

The design of the CETEC ISMX is intended to catch ferrous metal contaminants throughout various discharge points in mill plants. The placement of the ISMX is suitable for locations where product travels through a gravity spout, either as a finished product or as a feed to a grinding machine. These include roll stands, mixers, conveyors, hammer mills, sifters, and so on.

The ISMX Inspection Spout Magnet came to fruition with the thought of additional contamination prevention through single or multiple inspection points in a process line. Our magnets are made with the highest quality 52-Grade Rare Earth Opti-B™ balanced magnetic tube circuit design (Industrial Magnetics, Inc.). They feature a high-performance blend of 9,500 gauss and 16.7 lbs. of pull strength on a 1/2" ball.

To inspect the ISMX for foreign contaminants, an operator simply releases and removes the ring clamp holding the inspection cap to the flanged opening of the spout. Once carefully removed, the operator will then clean the magnetized bar into a contaminants container and reassemble.

Key Markets

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