

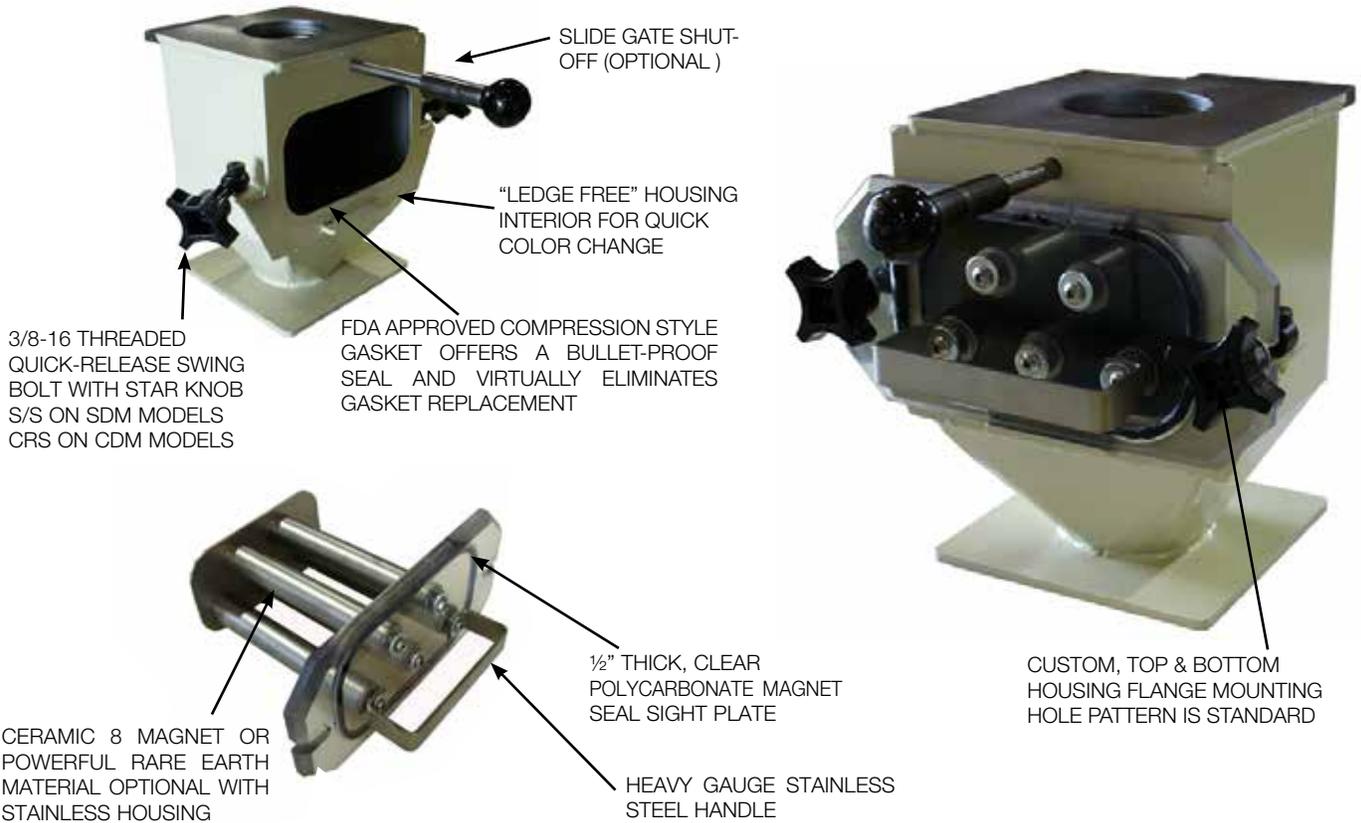


# MAGNETIC PRODUCTS, INC.

ENGINEERED METAL CONTROL SOLUTIONS

# Carbon or Stainless Steel Drawer Magnet

Series: CDM or SDM



3/8-16 THREADED QUICK-RELEASE SWING BOLT WITH STAR KNOB S/S ON SDM MODELS S/S ON CDM MODELS

SLIDE GATE SHUT-OFF (OPTIONAL)

"LEDGE FREE" HOUSING INTERIOR FOR QUICK COLOR CHANGE

FDA APPROVED COMPRESSION STYLE GASKET OFFERS A BULLET-PROOF SEAL AND VIRTUALLY ELIMINATES GASKET REPLACEMENT

CERAMIC 8 MAGNET OR POWERFUL RARE EARTH MATERIAL OPTIONAL WITH STAINLESS HOUSING

1/2" THICK, CLEAR POLYCARBONATE MAGNET SEAL SIGHT PLATE

HEAVY GAUGE STAINLESS STEEL HANDLE

CUSTOM, TOP & BOTTOM HOUSING FLANGE MOUNTING HOLE PATTERN IS STANDARD

## Application

MPI's Drawer Magnets are designed to provide optimum tramp metal protection for plastic injection molding and extruding equipment. Carbon Steel and Stainless Steel Drawer Magnets provide an economical solution which provides many benefits and features not found in comparable products. CDM and SDM Drawer Magnets are ideal for use with plastic regrind materials, which may contain higher amounts of tramp metal. Use of MPI's heavy-duty CDM or SDM Drawer Magnets can reduce equipment maintenance, prevent equipment damage, and increase quality parts production.

## Operation

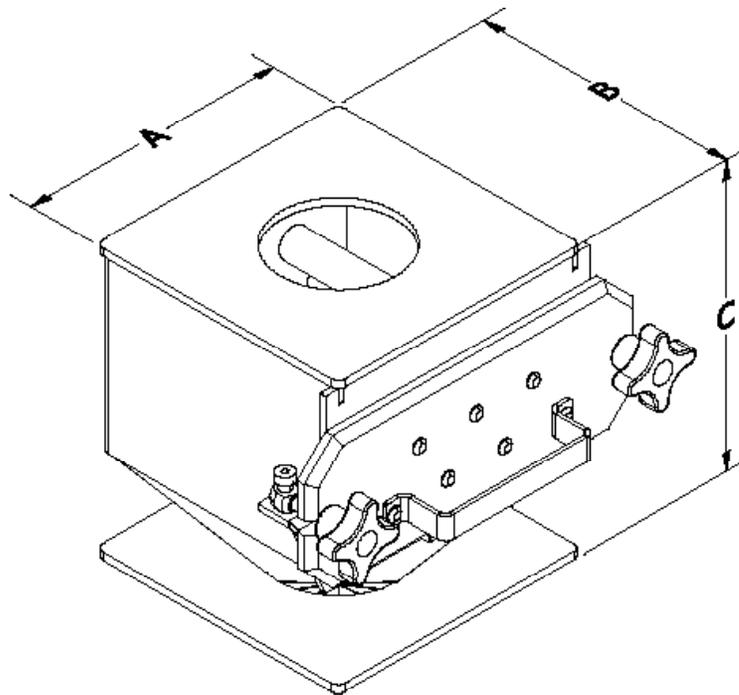
CDM and SDM Drawer Magnets are installed between feed hopper and machine throat openings, providing constant magnetic protection. Both resin flow and contaminant collection can be easily monitored through the clear polycarbonate drawer face. Magnet cleaning is accomplished by loosening the quick-release swing-bolt latches and removing the magnet drawer, which can be cleaned of captured ferrous tramp metal.

\*Specifications subject to change

Series CDM / SDM Version 4.0 © MPI

**MPI**

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## CDM / SDM Selection Guide

| Model #         | Width A |     | Length B |     | Height C |     | # Magnetic Tubes | Minimum Hole Diameter |     | Maximum Hole Diameter |     | Unit Weight* |    |
|-----------------|---------|-----|----------|-----|----------|-----|------------------|-----------------------|-----|-----------------------|-----|--------------|----|
|                 | IN      | MM  | IN       | MM  | IN       | MM  |                  | IN                    | MM  | IN                    | MM  | LBS          | KG |
| <b>CDM-44</b>   | 4.375   | 143 | 4.375    | 143 | 9.5      | 241 | 3                | 1.38                  | 35  | 3                     | 76  | 34           | 16 |
| <b>CDM-66</b>   | 6.375   | 194 | 6.375    | 194 | 9.5      | 241 | 5                | 2                     | 51  | 3.5                   | 89  | 48           | 22 |
| <b>CDM-88</b>   | 8.375   | 244 | 8.375    | 244 | 9.5      | 241 | 7                | 3.5                   | 89  | 4.5                   | 114 | 64           | 29 |
| <b>CDM-1010</b> | 10.375  | 292 | 10.375   | 292 | 9.5      | 241 | 9                | 4.625                 | 118 | 6.5                   | 165 | 68           | 31 |

\* Unit weight does not include any add-on options.

### Standard Features

- Powerful Ceramic 8 permanent magnetic material
- 1/2" thick clear polycarbonate drawer face for easy inspection
- Two rows of 1" dia. magnet tubes on 2" centers to maximize magnetic filtration
- Interior housing wall product flow diverters
- Pre-drilled or tapped holes for easy installation
- Heavy-duty 3/8-16 threaded quick-release swing bolt latches with large star knob for easy operation during maintenance
- FDA approved compression style gasket offers a bullet-proof seal and virtually eliminates gasket replacement

### Options

- Slide gate product shut-off
- Purge hopper
- Liquid dispensing system
- Extended top and bottom flanges
- Custom paint finishes
- Low-profile designs for restricted areas

\*Specifications subject to change

Series CDM or SDM Version 4.0 © MPI

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