FF Series Drawer Magnet

Patented No-Spill™ Slide Gate
The patented No-Spill Slide Gate completely and positively shuts off product flow, so you don't have to worry about product spillage creating a mess or safety hazard when you remove the drawer for cleaning.

Purge Hopper
Our Purge Hopper speeds clean-out of your equipment when changing color or compound – without sacrificing magnetic protection or taking the time to empty your hopper.

Dump Tube
This option lets you empty the drawer housing and material hopper of plastic after a run has been completed.

Liquid Port
The Liquid Port allows you to inject liquid color additive into the resin. The port can also be used to hold a temperature probe.

"NEO" Magnets - Standard
Equipped with powerful Rare Earth magnets available. Featuring the only temperature-compensated, Rare Earth magnets for injection molding machines. Rated to 300°F.

EPDM Gasket
Featuring a new EPDM gasket that resists heat aging and compression set.

Hi-Strength Nylon Knobs
Fitted with high-torque nylon knobs that resist breakage.

Clear Polycarbonate Drawer Front
Designed with a clear drawer front for easy viewing of product flow and captured contaminants.

Magnetic Latch
Exclusive magnetic latch locks the No-Spill Slide Gate open during operation, yet permits easy closing for purging and color changes.

Model number builder for standard units with additional options

<table>
<thead>
<tr>
<th>FF6</th>
<th>NTC</th>
<th>SL</th>
<th>H</th>
<th>P</th>
<th>SS</th>
<th>D</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type and size FF[size]</td>
<td>Magnetic Strength NTC NHI NHIT CER</td>
<td>Includes a slidegate</td>
<td>Includes purge hopper</td>
<td>Includes powder seal kit</td>
<td>Stainless steel</td>
<td>Includes dump tube</td>
<td>Includes liquid port</td>
</tr>
</tbody>
</table>

Examples

FFL4-NHI-SL-L
4" low profile FF with NHI mag load with slidegate and liquid port

FF10-NTC-H-SS-D
10" FF, NTC load with hopper, stainless steel construction and a dump tube

FF10-NHC-H-SS-D
10" FF, NTC load with hopper, stainless steel construction and a dump tube
**FF Series Drawer Magnet**

### Drawer Magnet Selection Guide for Standard and Self-Cleaning FF Series

(Dimensions are in inches and keyed to drawings)

To select the right FF drawer follow the plan outline to select the right model number. First select the size you will need from either 4x4, 6x6, 8x8. Add one number to model once the size has been determined such as FF6. If you need the FF to be a low profile add an L (ex FFL).

Next pick the strength of the magnetic you want.

- NTC-NEO Temperature Compensated
- NHIT-NEO High Temperature
- NHI-NEO High Intensity
- CER- Ceramic

Look on the previous page to see if there is any additional components you wish to have on your FF drawer. Using the table at the bottom of the page add them to the model number in the order you wish. If there is an option that does not have an abbreviation write it in the description after the rest of the model number.

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**Model FF4**
- 4x4

**Model FF6**
- 6x6

**Model FF8**
- 8x8

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<table>
<thead>
<tr>
<th>Model</th>
<th>FF4</th>
<th>FF6</th>
<th>FF8</th>
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<tbody>
<tr>
<td>A</td>
<td>101/2</td>
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<td>101/2</td>
</tr>
<tr>
<td>B</td>
<td>4 X 4</td>
<td>6 X 6</td>
<td>8 X 8</td>
</tr>
<tr>
<td>C</td>
<td>61/8</td>
<td>81/8</td>
<td>101/8</td>
</tr>
<tr>
<td>D</td>
<td>21/4</td>
<td>41/8</td>
<td>61/8</td>
</tr>
<tr>
<td>E</td>
<td>21/4</td>
<td>21/4</td>
<td>31/4</td>
</tr>
<tr>
<td>F</td>
<td>7/8</td>
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<td>31/8</td>
</tr>
<tr>
<td>G</td>
<td>21/4</td>
<td>4</td>
<td>6</td>
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<tr>
<td>H</td>
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</tr>
<tr>
<td>L3</td>
<td>Per Customer Specifications</td>
<td></td>
<td></td>
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</tbody>
</table>

*Model FF-series is available with welded transition only (no casting).*

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**Notes**

- (L1) – All bolt patterns falling inside the housing wall will be tapped threads unless shut-off ring interferes with the bolt pattern, in which case studs will be used.
- (L2) – All bolt patterns falling on the housing wall will require threaded studs (1 1/4” length is standard) unless otherwise requested. If tapped holes are required, a thicker flange may be provided at an extra charge (rule of thumb: thread depth equals thread diameter).
- (L3) – Unless specifically requested, all bolt patterns falling clearly outside the housing (and with adequate clearance for bolt heads) will be clearance holes (bolt size + 1/16”).

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**Optional Purge Hopper**

- Right-hand shown, left-hand available.
- Rear mounting possible when not using a slide gate shut-off (PLS).

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**Optional Dump Tube Detail**

Location with relationship to front per customer. Special sizes and configurations are available at extra cost.

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**Opening**

- May be round, square, or rectangular.

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**Housing Depth**

- + 1/16”

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**Flange size per customer**

- (may be any shape)

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**Clearance hole always provided (bolt size + 1/16”)**