The Micromag HP/50 has all the same benefits of the standard Micromag but has been developed to suit high pressure through spindle-coolant applications, where the smallest of particles can damage seals, spindles and even reduce the efficiency of the cutting tool.

Micromag HP/50 can be installed anywhere in the fluid delivery system and will ensure that even sub-micron magnetic and para-magnetic particles are removed before they can cause any expensive damage.

For further information relating to the benefits and operation of the Micromag HP/50 please refer to the supplied standard Micromag brochure.

**Cleaning**
Using the supplied cleaning tool, a fully contaminated core can be cleaned in under 30 seconds. Only metallic particles are removed from the filter and these can be easily disposed. There are no dirty cartridges!

**Suitable Products**
Neat & soluble oils.

**Installation Location**
Pre or post pump, delivery line, spindle feed or pre membrane cartridge.

**Benefits**
- High pressure
- Sub micron filtration
- Large holding capacity
- High intensity rare earth magnetic material
- Suitable for all machining applications
- Environmentally responsible
- No consumables

**Category**
High Pressure.
## Technical Data:

<table>
<thead>
<tr>
<th>Product number</th>
<th>Flow rate</th>
<th>Contamination capacity</th>
<th>Max. operating pressure</th>
<th>Connection</th>
<th>Temperature range</th>
<th>Construction</th>
<th>Dimensions inches</th>
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</thead>
<tbody>
<tr>
<td>MM5/HP/50 NPT</td>
<td>18</td>
<td>2.2</td>
<td>725</td>
<td>1</td>
<td>32 – 284</td>
<td>Full aluminum construction</td>
<td>9.7</td>
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<tr>
<td>MM10/HP/50 NPT</td>
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<td>4.4</td>
<td>725</td>
<td>1</td>
<td>32 – 284</td>
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<td>14.3</td>
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<tr>
<td>MM20/HP/50 NPT</td>
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<td>725</td>
<td>1½</td>
<td>32 – 284</td>
<td></td>
<td>24.6</td>
</tr>
</tbody>
</table>

### Performance
- **Maximum Pressure**: 725psi
- **Magnetic Performance**: High Intensity
- **Circuit Design**: Open
- **Magnetic Material**: Rare Earth Neodymium Iron Boron
- **Magnet Grade**: N45 – Inspected & confirmed via hysteresis graph prior to use
- **Temperature**: 32-284°F

### Materials:
- **Housing**: Aluminium
- **Lid**: Aluminium
- **Tube**: 304 Grade stainless steel
- **Surface**: Finish Machined and anodised
- **Sealing**: Viton O-ring

### Options
- Core cleaning post
- Mounting bracket
- Port adaptors

If you have any more questions, require technical assistance or would like a quotation, please contact us.

Providing Machine Tool Coolant Filtration and Handling Solutions Since 1962!

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While every effort has been made to ensure the accuracy of the information in this publication please note that specifications may change without notice.

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