High performance hot runner system for small injection moulding machines

Direct nozzle heating for more process reliability
The solution for smallest shot weights and technical plastics

- **Reliable processing of technical resins**
  Tip inserts with powerful direct heating and separate temperature control for reliable processing of technical resins.

- **Problem-free processing of thermally sensitive materials**
  Small melt volume in the system due to short flow path lengths.

- **Designed for use on BOY®, WITTMANN BATTENFELD or *Babyplast® machines**
  Easy to integrate with extremely compact system dimensions. Available with different standardised nozzle layouts or as complete hot halves in standardised sizes.

- **Leakproof screw connection between nozzles and manifold**
  Simple drop-in installation.

- **L2X connecting technology for precise positioning of the connection cables**
  Minimised space requirement for installation.

- **Shot weight per nozzle from 0.01 g**

  * Only version for open gating  ** Depending on resin
Open gating

- Manifold dimensions 61 x 48 mm
- Available as 2-, 4- or 6-drop system, either as ready-to-install unit (manifold with pre-installed nozzles) or as hot half

Valve gating

- Manifold dimensions 59 x 59 mm
- Compact synchronous plate technology for simultaneous valve pin actuation
- Available as complete hot half in 4-drop version

**Powerful**

All versions feature direct nozzle heating for high thermal performance and reliable processing of technical resins.
L2X-Mikro system for open gating

Available nozzle layouts

<table>
<thead>
<tr>
<th>2-drop axially parallel</th>
<th>2-drop diagonal left</th>
<th>2-drop diagonal right</th>
<th>4-drop</th>
<th>6-drop</th>
</tr>
</thead>
<tbody>
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</table>

Available as ready-to-install unit (manifold with pre-installed nozzles) or as hot half in two standardized sizes:

- Mould size 100 x 75 mm
  e.g. for Babyplast® injection moulding machines

- Mould size 156 x 156 mm
  e.g. for BOY® injection moulding machines

Use in standard mould designs

In order to realize multi-cavity systems with standard moulds, several of the L2X-Mikro manifold modules can be combined with a bridge manifold. In valve gate systems all valve pins are actuated by one common synchronous plate.
L2X-Mikro valve gate system

Available as 4-drop hot half with a mould size of 156 x 156 mm

<table>
<thead>
<tr>
<th>Nozzle layout</th>
<th>Hot half 156 x 156 mm</th>
<th>Hot half 100 x 75 mm</th>
<th>Manifold with pre-installed nozzles</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-drop axially parallel</td>
<td>HM2041</td>
<td>HM1041</td>
<td>22600-41</td>
</tr>
<tr>
<td>2-drop diagonal left</td>
<td>HM2042</td>
<td>HM1042</td>
<td>22600-42</td>
</tr>
<tr>
<td>2-drop diagonal right</td>
<td>HM2043</td>
<td>HM1043</td>
<td>22600-43</td>
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<tr>
<td>4-drop</td>
<td>HM2044</td>
<td>HM1044</td>
<td>22600-44</td>
</tr>
<tr>
<td>6-drop</td>
<td>HM2045</td>
<td>HM1045</td>
<td>22600-45</td>
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L2X-Mikro valve gate system

<table>
<thead>
<tr>
<th>Nozzle layout</th>
<th>Hot half 156 x 156 mm</th>
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<tbody>
<tr>
<td>4-fach</td>
<td>HMNV0104</td>
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