HPS III-MHL100 linear version
HPS III-MHL100 linear version
Single nozzle and system nozzle

Dimensions and tip versions

<table>
<thead>
<tr>
<th>Version</th>
<th>System nozzle</th>
<th>Single nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine radius (Dim. R)</td>
<td>--</td>
<td>0 15 15.5 40 1/2&quot; (13.2)</td>
</tr>
<tr>
<td>Dim. T</td>
<td>--</td>
<td>0 2 2 0.8 2 1.8</td>
</tr>
<tr>
<td>Locating ring</td>
<td>--</td>
<td>Item number 50456... Diameter .100 / .110 / .125 / .160 / .175</td>
</tr>
</tbody>
</table>

| Width of nozzle block (Dim. B)       | 42            | 62            |
| Number of tips                       | 4             | 4 8           |
| Distance between cavities (Dim. S1, Dim. S2) | S1=16 or S1=28 | S1=30 or S1=48 | S1=12 (S2=36) or S1=16 (S2=48) |
| Nozzle length (Dim. G) (1)           | 129, 138, 148, 168 |
| Positions of bars                    | A (on nozzle side with tips) | B (on nozzle side without tips) |

| Tip versions                         | 90°           | 60°           | 0°            | NV (valve gate) |
| Distance between cavity rows (Dim. Y) | 60            | 60            | 56            | 56             |
| Dim. X                               | 60            | 63            | 63.4          | 64             |
| Recommended gate diameters            | 0.5 - 1.2     | 0.6 - 1.0     | 0.5 - 1.2     | 0.8 - 1.2      |

(1) Other nozzle lengths available on request

Item numbers:

System nozzle: **MHL100-95...**

Single nozzle: **MHL100-93...**

Each nozzle will be configured individually to suit your application requirements. Please contact us!
ATTENTION!
The injection unit contact pressure must not exceed 30 KN
HPS III-MHL100 linear version
Assembly example for single nozzle, 4-drop, width of nozzle block 42, position of bars B

ATTENTION!
The injection unit contact pressure must not exceed 30 KN

Technical data

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Contact Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>27mm</td>
<td>129</td>
</tr>
<tr>
<td>36mm</td>
<td>138</td>
</tr>
<tr>
<td>45mm</td>
<td>148</td>
</tr>
<tr>
<td>66mm</td>
<td>168</td>
</tr>
</tbody>
</table>
HPS III-MHL 100 linear version
Assembly example for system nozzle, 4-drop, width of nozzle block 42, position of bars A

Protective cover (not included)
HPS III-MHL 100 linear version

Assembly example for system nozzle, 4-drop, width of nozzle block 42, position of bars B

- Protective cover (not included)

Verteiler
manifold
HPS III

HPS III-MHL 100

Beispiel/example
G = 129
### HPS III-MHL100 linear version

Cable exit positions for power and thermocouple, width of nozzle block 42

<table>
<thead>
<tr>
<th>Position of bars A</th>
<th>Position of bars B</th>
</tr>
</thead>
</table>

#### 0°

- **Kabelkanal 0°**
  - cable channel 0°
  - POS-A cable channel 0°
  - POS-B cable channel 0°

#### 90°

- **Kabelkanal 90°**
  - cable channel 90°
  - POS-A cable channel 90°
  - POS-B cable channel 90°
HPS III-MHL100 linear version
Assembly example for system nozzle, 8-drop, width of nozzle block 62, position of bars A

Protective cover (not included)
Example for nozzle arrangement with position of bars A, cable exit position 0°
HPS III-MHL100 linear version

Assembly example for system nozzle, 8-drop, width of nozzle block 62, position of bars B

Protective cover (not included)
HPS III-MHL100 linear version

Cable exit positions for power and thermocouple, width of nozzle block 62
HPS III-MHL100 linear version
Details of gating geometries

Enlarging ØD results in a different gate contour
19426 = Valve pin guide and seal
(please also see page 7)

B = Distance sleeve, if required.
Not included in delivery.