**DME XPress™ A-Series Mold Base**

**PRECISION INTERCHANGEABLE PLATES, FULLY FEATURED, IMMEDIATE SHIPMENT**

The all new DME XPress mold base sets the standard for immediate shipment with **58,000 combinations ready for same or next day shipment**.

**THE DME XPRESS ADVANTAGE**

**Stress Relieved & Pre-Hardened Steel**
- Increases your cutting speeds
- Reduces machine center spindle time
- Avoid unnecessary downtime
- Extended tool life
- DME #3 premium P20 steel - “Machined 4 Quality”

**Interchangeable plates**
- Precision machined
- Repeatable
- Replacement plates ship same day

**Off the Shelf**
- **58,000 configurations**
- Engineered and validated
- Immediate shipment*

**Immediate Quotes and Orders - eStore**
- Configurable mold base
- Real-time pricing on-line 24/7
- Add to , Order
- Emailed confirmation
  
  Configure, Price, Order < 1 Minute

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**Contact Milacron - DME**

For more information or delivery options contact at:
800-626-6853 (U.S.) • 800-387-6600 (Canada) • 248-398-6000 (Worldwide).
www.dme.net
https://store.milacron.com
Keyword search: XPRESS

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*Plates ≥ 5 7/8” thick may require additional time for delivery.

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**STANDARD MOLD BASE FEATURES INCLUDE:**

- 7 Plate A-Series Design
- 23 Sizes — 8” x 8” to 19” x 24”
- 9 A/B-Plate thicknesses – 7/8” to 5-7/8”
- 162 A/B-Plate combinations
- Rail Heights 2.5”- 4.5”
- #3 Premium P20 steel for A and B-Plates
- Steel Finish Ground ± .001”
- Center Holes - A-side only (optional)
- Guided Ejection - System #3 (optional)
- Return Pins – inboard (prevents spring breakout)
- Locating Ring (optional)
- Sprue Bushing (optional)
- Lift Holes - Top Clamp/Support plates
- Vented Leader Pins
- Type C Clamp Slots
- Pry Bar Slots on parting line and ejector plate
- Chamfering on all plate edges
- Stop Disks
- 3-Piece Ejector Housing with shoulder bolts

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**XPRESS MOLD BASE STEEL**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>STEEL</th>
<th>T</th>
<th>W X L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Clamp Plate</td>
<td>#2</td>
<td>±0.001</td>
<td>±0.002</td>
</tr>
<tr>
<td>A-Plate</td>
<td>#3</td>
<td>±0.001</td>
<td>±0.002</td>
</tr>
<tr>
<td>B-Plate</td>
<td>#3</td>
<td>±0.001</td>
<td>±0.002</td>
</tr>
<tr>
<td>Support Plate</td>
<td>#2</td>
<td>±0.001</td>
<td>±0.002</td>
</tr>
<tr>
<td>Rails</td>
<td>#1</td>
<td>±0.001</td>
<td>±0.004</td>
</tr>
<tr>
<td>Ejector Retainer Plate</td>
<td>#1</td>
<td>±0.015</td>
<td>+0/-0.004</td>
</tr>
<tr>
<td>Ejector Plate</td>
<td>#1</td>
<td>±0.015</td>
<td>+0/-0.004</td>
</tr>
<tr>
<td>Bottom Clamp Plate</td>
<td>#1</td>
<td>±0.001</td>
<td>±0.002</td>
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</tbody>
</table>
DME XPress™ A-Series Mold Base

Get XPress 3D CAD data: Go to: www.dme.net/xpresscad
3D CAD data available in SolidWorks® Parametric, Creo Parametric and Parasolid.

TO ORDER AN XPRESS MOLD BASE:
Go to the Milacron/DME eStore: store.milacron.com and then select configurator and DME Americas online store. Click on DME XPress A-Series tab and configure your XPress mold base through the following 5 steps:

1. Configure your new mold base by choosing one choice for each selection option.

Example Part Number for highlighted selections: XPA1012 -17 -17 -35 -GE -3

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>SERIES</th>
<th>BASE SIZE (W&quot; X L&quot;)</th>
<th>AP THICKNESS</th>
<th>BP THICKNESS</th>
<th>RAIL HEIGHT</th>
<th>EJECTION</th>
<th>A/B PLATE MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP</td>
<td>A</td>
<td>0808 7.875 x 7.875</td>
<td>7&quot; 0.875&quot;</td>
<td>7 0.875&quot;</td>
<td>25° 2.50&quot;</td>
<td>GE Guided Ejection</td>
<td>3 P20</td>
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<tr>
<td>XP</td>
<td>B</td>
<td>0812 7.875 x 11.875</td>
<td>13° 1.375&quot;</td>
<td>13 1.375&quot;</td>
<td>30° 3.00&quot;</td>
<td>NG No Guided Ejection</td>
<td></td>
</tr>
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</table>

Example Part Number for highlighted selections: XPA1012 -17 -17 -35 -GE -3

<table>
<thead>
<tr>
<th>SPRUE ORIFICE</th>
<th>0 - 7/32&quot;</th>
<th>R - 1/2&quot;</th>
<th>LOCATION RING</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5/32&quot;</td>
<td>3/4&quot;</td>
<td>L 6501</td>
<td>3.99 Ø Standard</td>
</tr>
<tr>
<td>7/32&quot;</td>
<td>9/32&quot;</td>
<td>3/4&quot;</td>
<td>L 6521</td>
<td>3.99 Ø Standard, Extra Length</td>
</tr>
<tr>
<td>11/32&quot;</td>
<td>3/4&quot;</td>
<td>Omit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPRUE RADIUS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.375&quot;</td>
<td>Omit</td>
</tr>
</tbody>
</table>

- A & B-Series plates with no additional letters include center hole in the TCP & AP, or AC plates.
- NCH = No center hole in the TCP and the AP plate for the A-Series or the AC plate for B-Series
- * 7/8” and 1 3/8” available only in the A-Series
- † 2.5" Rails only available in base sizes 0808 to 1118

Example Part Number for highlighted selections: XPA1012 -17 -17 -35 -GE -3

XPRESS MOLD BASE STEEL COMPOSITION

- **#1 Steel**: AISI 1045, 1.1730 or equivalent, stress-relieved, annealed
- **#2 Steel**: AISI 4130, 4140 or equivalent, stress-relieved, pre-hardened, 28-34 HRC
- **#3 Steel**: AISI P20, DIN 1.2311, G40CrMnMo7 or equivalent, stress-relieved, pre-hardened, 28-35 HRC

XPRESS MOLD BASE SUPPORT MATERIAL

- 3D CAD data available for download: Solidworks® Parametric, Creo & Parasolid drawings
- Product Specifications
- Product Features
- ONE YEAR Manufacturers Warranty