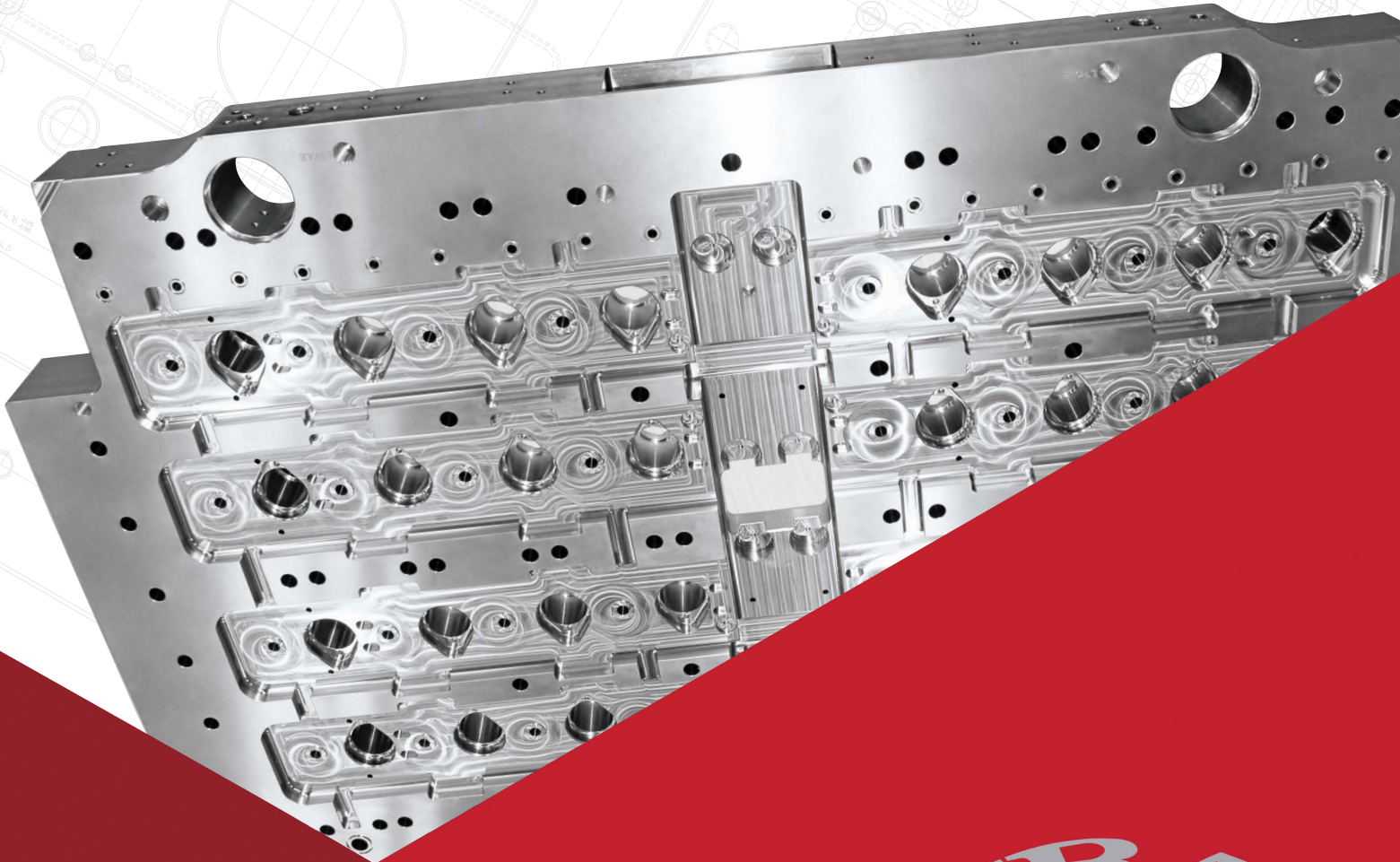




**HIGH PRECISION  
CUSTOM MOLD BASES**



**THURAD**



## YOUR SUPPLIER FOR HIGH PRECISION CUSTOM MOLD BASES

### ✓ Our Customers

We serve a global customer base including leading manufactures in the following markets:

- Medical & Pharmaceutical
- Caps & Closures
- Cosmetic & Personal Care
- Thin Wall Packaging
- PET Preforms
- Technical Parts

### ✓ Your Benefits

- Precision & accuracy
- Design and produce more complex parts
- Optimum control of wall thickness
- Reduce cycle time
- Use less resin per part
- Longer mold life
- Increase your production capacity



TIRAD





**SPEED**  
**CLEAN**  
**QUALITY**  
**RELIABLE**  
**PRECISION**  
**FULL SERVICE**

✓ **Our Advantages**

- Over 140 highly-skilled employees
- Programming from 3D / 2D or paperless production from 3D only
- Sizes up to 2300 x 1500 x 1000mm, 3500 kg
- Extensive selection of steel grades
- We also accept customer supplied material
- Multiple high-precision 3- and 5-axis machines and latest CNC technology for drilling, roughing and finishing milling, grinding etc.
- 10 microns accuracy
- Fully equipped 3D measurement system and comprehensive inspection record with every plate
- Fully climate controlled plant
- Mold base assembly including components
- ISO9001 certified

✓ **References:**

For almost 20 years we have been supplying the main mold makers across the European and North American market.

**Partnership Case Study**

- Challenge: our customer required a plate for molding a brand new cap with 128 cavities within less than 5 seconds per cycle for a production of over 1.000.000 parts per day
- The plate was supplied within 6 weeks with full inspection record
- Dimensions: 2.000 x 1.200 x 200mm
- Material: 1.2085 steel



**TIRAD**



We provide our customers with the highest quality custom mold bases and plates - globally. With Milacron's Melt Delivery and Control Systems brands DME, Tirad and Mold-Masters we are able to deliver not only high precision custom mold bases and plates, but complete hot/cold Melt Delivery Solutions for any application, consisting of mold bases, components, hot runners, controllers and accompanying services.

On top of that Milacron supplies a full range of injection, blow molding, co-extrusion machines, PET systems and industrial supplies.

Milacron is your plastics processing One Stop Shop.

For more information please visit [www.milacron.com](http://www.milacron.com) or our eSTORE at [estore.milacron.com](http://estore.milacron.com).



#### Tirad inquiries

P: +420 568 409 246 / +420 568 409 211  
TIRAD\_Inquiry@milacron.com

**Production Data:**  
TIRAD\_CAD-CAM@milacron.com

**For hot runner and temperature controllers or mold bases and components please check:**



**AT**  
P: 0800 301 060  
F: 0800 401 020  
[dme\\_oesterreich@milacron.com](mailto:dme_oesterreich@milacron.com)

**BE**  
P: +32 (0) 15 28 87 30  
F: +32 (0) 15 40 51 17  
[dme\\_benelux@milacron.com](mailto:dme_benelux@milacron.com)

**CH**  
P: +41 0848 567 364  
F: +41 0848 567 365  
[dme\\_schweiz@milacron.com](mailto:dme_schweiz@milacron.com)

**CZ**  
P: 800 142 451 | +420 572 151 754  
F: 800 142 450 | +420 571 611 996  
[dme\\_cz@milacron.com](mailto:dme_cz@milacron.com)

**DE**  
P: 0800 664 82 50 | +49 (0) 2351 437 0  
F: 0800 664 82 51 | +49 (0) 2351 437 220  
[dme\\_normalien@milacron.com](mailto:dme_normalien@milacron.com)

**ES**  
P: 900 900 342  
F: 900 900 343  
[dme\\_iberia@milacron.com](mailto:dme_iberia@milacron.com)

**FR**  
P: +33 1 49 93 92 23  
F: +33 1 49 93 92 22  
[dme\\_france@milacron.com](mailto:dme_france@milacron.com)

**HU**  
P: 06 80 205003  
F: +32 15 40 51 17  
[dme\\_hungary@milacron.com](mailto:dme_hungary@milacron.com)

**IT**  
P: 800 089 734  
F: 800 089 735  
[dme\\_italy@milacron.com](mailto:dme_italy@milacron.com)

**NL**  
P: +31 (0) 20 654 5571  
F: +31 (0) 20 654 5572  
[dme\\_benelux@milacron.com](mailto:dme_benelux@milacron.com)

**PL**  
P: +800 331 1312 | +32 15 21 50 92  
F: +800 331 1313 | +32 15 40 51 92  
[dme\\_polska@milacron.com](mailto:dme_polska@milacron.com)

**PT**  
P: 800 207 900  
F: 800 207 901  
[dme\\_iberia@milacron.com](mailto:dme_iberia@milacron.com)

**SK**  
P: 0800 142 451 | +420 572 151 754  
F: 0800 142 450 | +420 571 611 996  
[dme\\_cz@milacron.com](mailto:dme_cz@milacron.com)

**UK**  
P: +44 2071 3300 37  
F: +44 2071 3300 36  
[dme\\_uk@milacron.com](mailto:dme_uk@milacron.com)

**Other Countries**  
P: +32 15 28 87 30  
F: +32 15 40 51 17  
[dme\\_export@milacron.com](mailto:dme_export@milacron.com)