

New D-M-E Products

D-M-E Mold Components Offer Wide Range of Benefits

To help you meet the unprecedented demands you have for speed, cost reduction and performance, D-M-E continually strives to be an essential resource, and a provider that contributes to your success every step of the way. These recent new mold component introductions represent a renewed commitment to delivering the exceptional service, support, knowledge and reach that have been the hallmarks of D-M-E for seven decades.

MoldBasics™ Ejector Pins Offer Industry's Lowest Prices



D-M-E has again reduced the costs on basic mold components, this time with the industry's lowest prices on American standard inch-type nitrided ejector pins. The MoldBasics line of products provides D-M-E-assured quality with globally competitive prices.

The new line of pins complement D-M-E's MoldBasics family of value-priced mold products that was created to bring greater competitiveness and flexibility to global customers.

Unprecedented Tolerances for New D-M-E CT Pins



D-M-E's new Close Tolerance series of ejector pins — featuring an unprecedented 0.0002-inch dimensional tolerance — are made of hardened M2 tool steel, improving their ability to

absorb deflection without damage. Known as close tolerance through-hard ejector pins (CT pins), they are popular for any application where close tolerance is critical.

Industry's Smallest Size Compact Dual-Ring Mold Dating Insert



D-M-E saves space and complexity in dating plastic parts by combining month and date rings in the industry's smallest dual-ring, multi-dating, indexable mold dating insert (MDI). At just 10mm diameter x 12mm high, the new D-M-E Dual-Ring MDI is noticeably

smaller than competitive offerings. The miniaturized unit features a 12-month outer ring and a six-year inner ring. The product also features D-M-E's patented "snap-in-place" design to ensure that the inner insert remains fixed in the proper indexed position.

D-M-E Expands Euro-Series Metric Components Line



D-M-E now offers North American molders and mold builders a comprehensive range of metric components, along with the same fast delivery and expert support they expect from D-M-E. In response to the continued growth of metric molds and components in North

America, more than 4,000 Euro-Series components are now available, including ejector and guide pins, bushings, and locating rings.

D-M-E Helical Gear, Stack Mold Centering Devices are Industry's First Off-the-Shelf Systems



D-M-E simplifies stack-mold design and fabrication with the industry's first off-the-shelf packages for Helical Gear, Stack Mold Centering Systems. Including all necessary components as part of a pre-engineered system, the systems save moldmakers the time and expense previously required to design, engineer, and source from multiple suppliers. For more information on Stack Molds and other Multi-Parting Line (MPL) systems, visit www.dme.net/MPL.

New D-M-E Products

New Smartflow® Thinswitch® Liquid-Resistant Limit Switch



Designed to verify ejector plate return in areas where occasional water or oil spray is present. The new Smartflow Thinswitch Liquid Resistant Limit Switch helps prevent accidental mold closure in injection molding applications by providing a position switch that is tied to the injection molding machine control.

Wide Variety of Inch Ejector Blades Introduced



Off-the-shelf ejector blades are now available from D-M-E in a huge array of blade thicknesses, widths and lengths to accommodate more applications than ever. Precision-made of

quality M2 high-speed tool steel and through-hardened for superior wear resistance, each blade features strong, one-piece construction held to a close tolerance (+.0000/- .0003) for the most exacting application.

VectorForm™ Lifter Systems Double the Undercut



D-M-E doubles undercut capability in plastic molds with the new VectorForm™ Lifter System. While most lifter systems recommend a maximum angle of 15°, the VectorForm, with its sliding base, can easily accommodate angles of

30° and more. Offering unprecedented design flexibility to OEMs and mold designers, the VectorForm Lifter System allows application designers to incorporate undercuts into their designs that are twice as deep as previously possible.

Keyed Ejector Pins Ideal for High Temperature Applications



Featuring a precision-machined flat on head to prevent the pin from rotating, these pins are constructed

from a superior shock-resistant hotwork steel. Ideal for high-temperature applications, the Keyed Ejector Pin from D-M-E provides a core hardness of 50-55 HRC and annealed hot-forged heads for uniform grain flow and easier machining.

D-M-E 2-Stage Ejectors Offer Unique Design Solutions



Combining cut-to-length adaptability for different mold base sizes and plate thicknesses with internal installation to avoid interferences with water line connectors and externally mounted components,

D-M-E 2-Stage Ejectors are made of hardened steel for long life. With two available styles of ejection — Bottom Last (BL) and Top Last (TL) — the product is available in three diameters — 20mm, 26mm and 32mm — to accommodate most metric- or inch-standard D-M-E mold bases.

IN2™ Innovative Interlocks Reduce Costs, Save Time



New, patented interchangeable wear surfaces on D-M-E Company's IN2™ Innovative Interlocks reduce maintenance time and cost for plastic molders and moldmakers. The replaceable inserts eliminate the need to remove the interlock set during maintenance, resulting in significant time and cost savings. The unique off-the-shelf mold interlock offers 100% interchangeability. The new IN2™ design features an inexpensive wear insert of graphitic steel that is easily replaced when a mold is down for routine maintenance.