

American Mold Base Optional Features



Guided Ejection Systems



Guided Ejection Systems hold the ejector assembly in alignment and support the weight of the ejector assembly throughout the molding cycle – greatly reducing wear on ejection components and preventing cocking of the ejector assembly.



Pockets and Spring Pockets



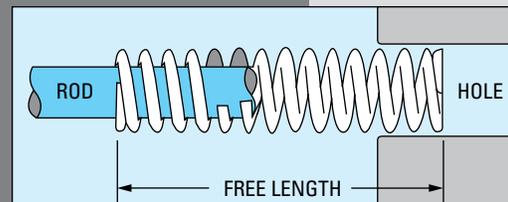
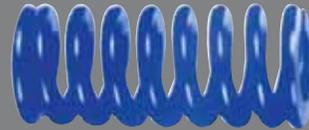
Per customer specifications, D-M-E finishes any type of cavity and core pockets. See the D-M-E Mold Components catalog for spring free lengths and hole dimensions.



Pry Slots



D-M-E mold bases feature Pry Slots, installed in any plate specified, on the parting and/or non-parting line side. This provides handling ease when opening and/or disassembling a mold.



Lifting Holes



Lifting Holes can be used to install hoist rings for ease of handling. D-M-E mold bases can be configured only with Lifting Holes which are appropriate for the specific mold base size. Refer to D-M-E Mold Components catalog for a comprehensive selection of Hoist Rings.



Mold Strap Holes



Machined holes will be for mounting mold straps. Please provide desired positions and quantity (minimum 2).

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Support Pillars

5
5-DAY
SHIPPING

Support Pillars should be used liberally since they greatly increase the capacity of the mold to support the projected area of the cavities, runner and sprue. By providing additional support, they prevent deflection of the mold.



Interlocks

11
11-DAY
SHIPPING

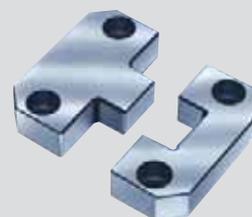
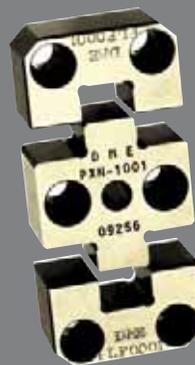
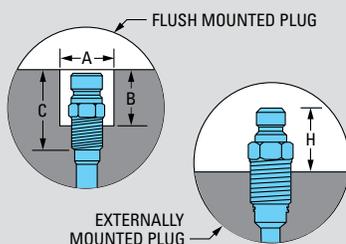
Provides positive alignment between adjacent plates when mold has one or multiple parting line openings. This provides close alignment for interlock cavities and cores in stripper plate type molds.



Waterlines

7
7-DAY
SHIPPING

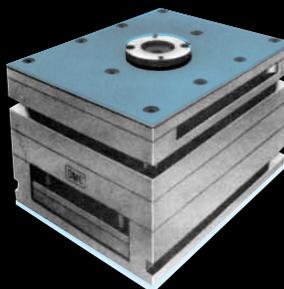
D-M-E will provide waterlines and plugs per customer specifications for optimal cooling efficiency.



3-Plate Extension Bushings

7
7-DAY
SHIPPING

These 3-plate extension bushings can save material, reduce cycle time and help prevent runner hang-ups in 3-plate molds.



Insulator Sheets

These sheets have excellent non-deformation characteristics and a compressive strength which is higher than asbestos and mica materials. Compression molded for high impact strength, they are supplied micro-finished top and bottom, parallel within $\pm.002$.