



Mold Base Comparison Chart

Series/Model	# of plates	Steel Type	Available Sizes	Availability of Features	Notes
Main Mold Base Offerings (satisfies 80% of applications)					
Standard A-Series	4	No. 1 No. 2 No. 3 No. 7	7-7/8" x 7-7/8" to 23-3/4" x 35-1/2"	Standard features	This design is the most common. Moldmakers will commonly machine through pockets in the "A" and "B" plates to accept just about any kind of core and cavity insert.
Edge	4	No. 3	7-7/8" x 7-7/8" to 15-7/8" x 23-1/2"	Full-featured	The lowest-priced mold base on the market, in stock in 70 different sizes. Most ship same day.
Mold Basics	4	No. 1 or No. 2	7-7/8" x 7-7/8" to 15-7/8" x 23-1/2"	Fewer standard features	Any project that requires fewer standard features and a dramatically lower cost is ideal. Most ship same day.
B	2	No. 1 No. 2 No. 3 No. 7	7-7/8" x 7-7/8" to 23-3/4" x 35-1/2"	Standard features	An economy version of the A-Style. These are best used when part design can be machined directly into the cavity plates. Its compact configuration is also useful whenever overall mold height is limited.
American Mold Base Standard / QDS	For use when you need something slightly specialized. Over 75 trillion possible configurations. Choose from a menu of options with delivery between 3-5 days. QDS base deliveries range from 5 to 11 days.				
Master Unit Die (MUD)	Quick change tooling - MUD reduces overall tooling investment, simplifies mold installation and maximizes production uptime. It serves an integral role in Lean as well. The MUD system approach is based on an unlimited number of companion insert molds easily interchanged within a single MUD Quick-Change frame. The frame remains in the molding machine during these mold changeovers. Most changeovers take less than five minutes, require no special equipment and can be made by one person. This approach to tooling reduces down time as much as 75 percent. Related labor costs are reduced even more since the need for a second person to assist in the mold change is also eliminated. The initial cost for new tooling is also reduced as much as 66 percent. Ideal for prototypes and samples, aluminum insert molds, short-run productions and high-volume production. * Also offered as a special.				
Specialty Mold Base Offerings					
Stripper Plate (or X)	4 or 5	No. 1 No. 2 No. 3 No. 7	7-7/8" x 7-7/8" to 23 3/4" x 35 1/2"	Standard features	The stripper ("X") plate engages the edge of a part and pushes it off the core.
AX	5	No. 1 No. 2 No. 3 No. 7	7-7/8" x 7-7/8" to 23 3/4" x 35 1/2"	Standard features	Similar to an A-Style, but used for parts requiring core detail in the cavity side of the mold. When the mold opens, the core detail is pulled so the part remains on the ejector side of the mold.
T	3	No. 1 No. 2 No. 3 No. 7	7-7/8" x 7-7/8" to 23 3/4" x 35 1/2"	Standard features	This mold base operates with two parting lines and is used to separate the part from the runner in a tool. This configuration allows runners to be ejected separately from the part being produced.
Other Processes: Compression, Transfer, Custom Designed Standard Shuttle, Custom Designed Standard					
Special D-M-E Mold Base Offerings					
Contour Roughing	D-M-E roughs out approximately 90 percent of the mold saving moldmakers time and machine wear and gives them the ability to focus on their core-competencies. Customers send their complex core and cavity CAD files to D-M-E, which uses industry-leading CAM software to program 3D cavity roughing tool paths, generating a rough-milled surface. This leaves machining stock for finishing by the customer. D-M-E also can stress relieve cavity blocks and bundle these offers with a custom mold base to provide a complete roughing service, ready for finish machining and assembly of the mold.				