

# Available in 43 Nominal Sizes

The D-M-E "B" Series Mold Base offers economy of design without sacrificing the high-quality steel and workmanship of the "A" Series. The two mold bases are identical except for the "B" Series "two-plate" design. A thicker "A" plate acts as both Top Clamping Plate and upper Cavity Plate. Similarly, a thicker "B" plate eliminates the need for a Support Plate on the "B" side of the mold. The "B" Series is sometimes specified for single-cavity plastics molds or die-cast dies where the cavity and core are machined directly into the Cavity Plates; or where overall mold height is critical. As a two-plate design, cavity inserts have to be installed into "blind" pockets.

### Instructions for ordering:

"B" Series Mold Bases are available in the same variety of steels, sizes and plate combinations as the "A" Series. Since the clamp slots are located in the "A" plate, the recommended minimum "A" plate thickness for a "B" Series Mold Base is 1.875. If an "A" plate less than 1.875 is desired, exact clamp slot and center hold specifications must be provided.

Unless otherwise specified, the size and location of return pins and screws will be identical to those of the corresponding size "A" Series Mold Base. In addition, unless otherwise specified, the riser height will be supplied to conform with the standard "C" dimension listed for the corresponding size "A" Series Mold Base.

### To create assembly item number:

Use item number prefix shown in chart at right, followed by A and B plate thickness codes.

Example: 10.875 x 14 B-Series with 2.375 A-Plate and 2.875 B-Plate = 1114B-23-27

PLATE THICKNESS CODES	
THICKNESS	CODE
.875*	7
1.375*	13
1.875	17
2.375	23
2.875	27
3.375	33
3.875	37
4.875	47
5.875	57

\*Not recommended for "A" Plate. See instructions for ordering on this page.

### WHEN ORDERING, PLEASE SPECIFY:

- Quantity
- Assembly Item Number (as created above)
- Steel: #1, #2, #3 or #7 (for other steels, please specify)
- Locating ring item number:  
Item No. 6501 (D = 3.990 Diameter of Locating Ring) standard  
Item No. 6504 (D = 3.990 Diameter of Locating Ring) clamp type  
(For other rings see D-M-E Mold Components Catalog)
- Type of sprue bushing, series letters: (i.e., B, etc.)  
O = Small dia. of sprue bushing orifice: .156, .218, .281 or .343  
R = Spherical radius of sprue bushing: .500 or .750  
(For sprue bushings see D-M-E Mold Components Catalog)
- Ejector Bar Length E (Ejector Bar Length at nominal length of mold base is highlighted in yellow. All other lengths provide an extended ejector bar)
- Other C Riser heights as needed. Also, other BCP Bottom Clamp Plate thicknesses as needed. Riser height C and BCP Bottom Clamp Plate thicknesses which are highlighted in yellow are available in #1 Steel in a one-piece Welded Housing. Also, all Riser heights C and all BCP Bottom Clamp Plate thicknesses are available in #1 or #7 Steel in a three-piece Housing (for other steels, please specify)
- Other features as needed (i.e. Guided Ejection, Lifting Holes, Pry Bar Slots, as well as Leader Pin, Return Pin, or Assembly Screw Relocations, etc.)
- Method of shipment  
(For inch decimal to fractional conversion table, see page 286.)

STANDARD SIZE		ITEM NO. PREFIX
W	L	
7.875	7.875	88B
	11.875	812B
9.875	8.000	108B
	11.875	1012B
	16.000	1016B
	20.000	1020B
10.875	12.000	1112B
	14.000	1114B
	18.000	1118B
	23.500	1123B
11.875	12.000	1212B
	15.000	1215B
	20.000	1220B
	23.500	1223B
13.375	15.000	1315B
	18.000	1318B
	20.750	1321B
	23.500	1323B
	26.000	1326B
	29.500	1329B
14.875	17.875	1518B
	23.750	1524B
	29.500	1529B

STANDARD SIZE		ITEM NO. PREFIX
W	L	
15.875	16.000	1616B
	20.000	1620B
	23.500	1623B
	26.000	1626B
	29.500	1629B
16.500	35.500	1635B
	23.750	1724B
	29.500	1729B
17.875	18.000	1818B
	20.000	1820B
	23.500	1823B
	26.000	1826B
	29.500	1829B
19.500	35.500	1835B
	23.750	1924B
	29.500	1929B
23.750	35.500	1935B
	23.750	2424B
	29.500	2429B
	35.500	2435B

