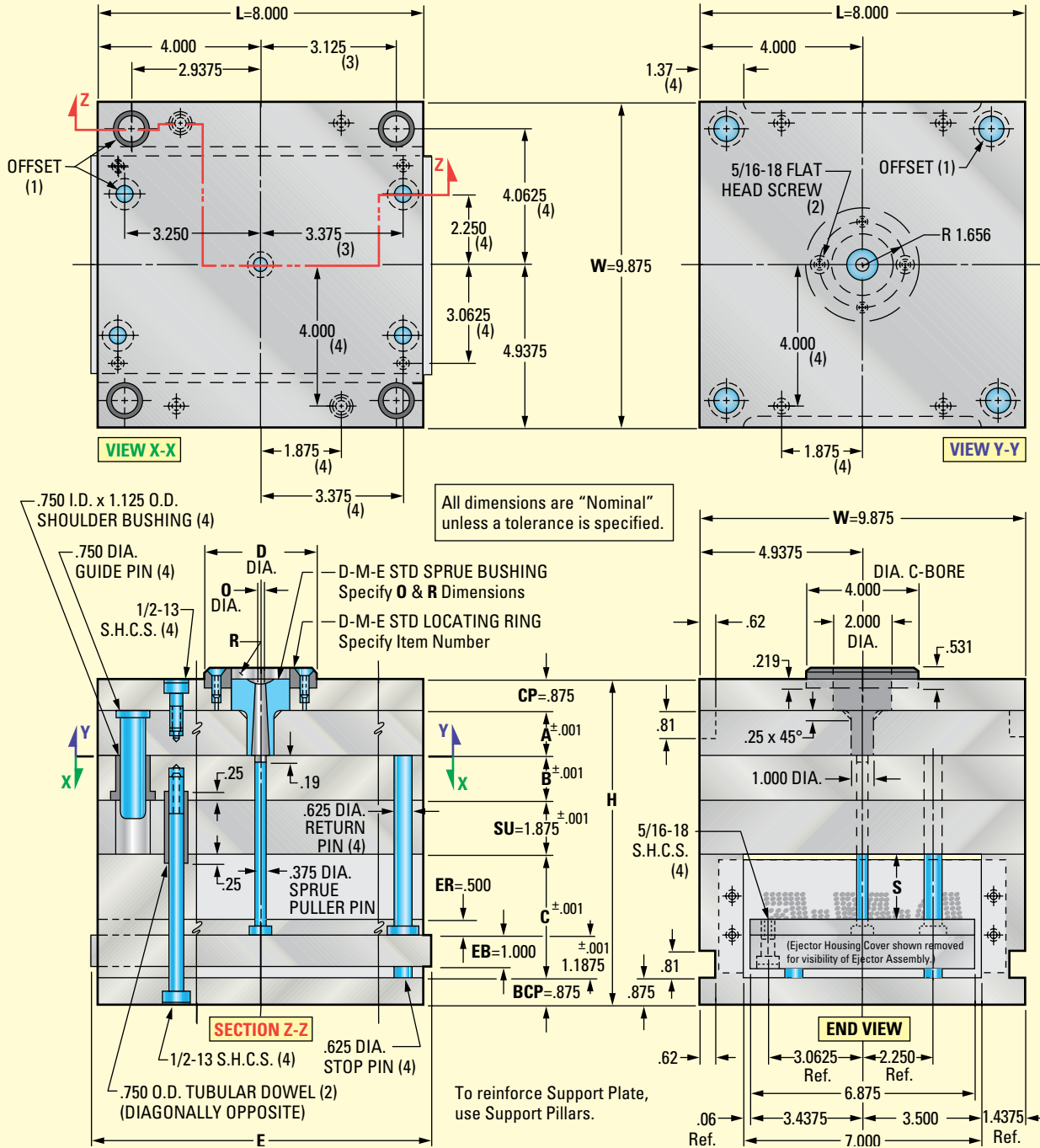


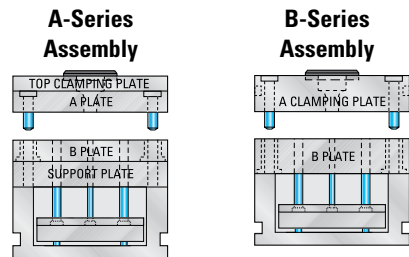
9 7/8 x 8" A-Series Mold Bases

See opposite page for general dimensions, ejector stroke data, locating rings, sprue bushings, ejector bar lengths and other ordering information.



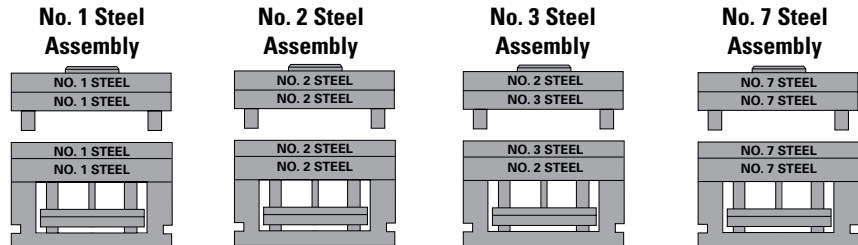
A-Series Mold Bases | 9 7/8 x 8 A-Series Mold Bases

Mold Base Selections



(For X-Series Stripper Plate, AX-Series and T-Series Mold Bases, see pages 171-196.)

Steel Configurations available in:



Other steel combinations also available. (Ejector Plates and Housings are No. 1 Steel, unless otherwise specified.) For additional Steel information, see page 40.

9 7/8 x 8" A-Series Mold Bases

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|---------------|-------|--------|-----------|-------------------|---------|
| .875 (7/8) | 0.875 | 2.500 | 7.875 | 108A-7-7 | 158 |
| | 1.375 | 2.500 | 8.375 | 108A-7-13 | 169 |
| | 1.875 | 2.500 | 8.875 | 108A-7-17 | 181 |
| | 2.375 | 3.000 | 9.875 | 108A-7-23 | 195 |
| | 2.875 | 3.500 | 10.875 | 108A-7-27 | 209 |
| | 3.375 | 4.000 | 11.875 | 108A-7-33 | 224 |
| | 3.875 | 4.000 | 12.375 | 108A-7-37 | 236 |
| | 4.875 | 4.500 | 13.875 | 108A-7-47 | 261 |
| 5.875 | 4.500 | 14.875 | 108A-7-57 | 284 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 2.375 (2-3/8) | 0.875 | 3.000 | 9.875 | 108A-23-7 | 195 |
| | 1.375 | 3.000 | 10.375 | 108A-23-13 | 206 |
| | 1.875 | 3.500 | 11.375 | 108A-23-17 | 221 |
| | 2.375 | 3.500 | 11.875 | 108A-23-23 | 232 |
| | 2.875 | 4.000 | 12.875 | 108A-23-27 | 246 |
| | 3.375 | 4.000 | 13.375 | 108A-23-33 | 257 |
| | 3.875 | 4.000 | 13.875 | 108A-23-37 | 269 |
| | 4.875 | 4.500 | 15.375 | 108A-23-47 | 294 |
| 5.875 | 4.500 | 16.375 | 108A-23-57 | 317 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 3.875 (3-7/8) | 0.875 | 3.000 | 11.375 | 108A-37-7 | 229 |
| | 1.375 | 3.500 | 12.375 | 108A-37-13 | 243 |
| | 1.875 | 3.500 | 12.875 | 108A-37-17 | 254 |
| | 2.375 | 4.000 | 13.875 | 108A-37-23 | 269 |
| | 2.875 | 4.000 | 14.375 | 108A-37-27 | 280 |
| | 3.375 | 4.000 | 14.875 | 108A-37-33 | 291 |
| | 3.875 | 4.500 | 15.875 | 108A-37-37 | 306 |
| | 4.875 | 4.500 | 16.875 | 108A-37-47 | 328 |
| 5.875 | 4.500 | 17.875 | 108A-37-57 | 350 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 1.375 (1-3/8) | 0.875 | 2.500 | 8.375 | 108A-13-7 | 169 |
| | 1.375 | 2.500 | 8.875 | 108A-13-13 | 181 |
| | 1.875 | 3.000 | 9.875 | 108A-13-17 | 196 |
| | 2.375 | 3.500 | 10.875 | 108A-13-23 | 209 |
| | 2.875 | 3.500 | 11.375 | 108A-13-27 | 221 |
| | 3.375 | 4.000 | 12.375 | 108A-13-33 | 235 |
| | 3.875 | 4.000 | 12.875 | 108A-13-37 | 246 |
| | 4.875 | 4.500 | 14.375 | 108A-13-47 | 272 |
| 5.875 | 4.500 | 15.375 | 108A-13-57 | 294 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 2.875 (2-7/8) | 0.875 | 3.000 | 10.375 | 108A-27-7 | 206 |
| | 1.375 | 3.000 | 10.875 | 108A-27-13 | 217 |
| | 1.875 | 3.500 | 11.875 | 108A-27-17 | 232 |
| | 2.375 | 3.500 | 12.375 | 108A-27-23 | 244 |
| | 2.875 | 4.000 | 13.375 | 108A-27-27 | 257 |
| | 3.375 | 4.000 | 13.875 | 108A-27-33 | 269 |
| | 3.875 | 4.000 | 14.375 | 108A-27-37 | 280 |
| | 4.875 | 4.500 | 15.875 | 108A-27-47 | 306 |
| 5.875 | 4.500 | 16.875 | 108A-27-57 | 328 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 4.875 (4-7/8) | 0.875 | 3.500 | 12.875 | 108A-47-7 | 254 |
| | 1.375 | 3.500 | 13.375 | 108A-47-13 | 265 |
| | 1.875 | 4.000 | 14.375 | 108A-47-17 | 280 |
| | 2.375 | 4.000 | 14.875 | 108A-47-23 | 291 |
| | 2.875 | 4.000 | 15.375 | 108A-47-27 | 302 |
| | 3.375 | 4.500 | 16.375 | 108A-47-33 | 317 |
| | 3.875 | 4.500 | 16.875 | 108A-47-37 | 328 |
| | 4.875 | 4.500 | 17.875 | 108A-47-47 | 350 |
| 5.875 | 4.500 | 18.875 | 108A-47-57 | 373 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 1.875 (1-7/8) | 0.875 | 2.500 | 8.875 | 108A-17-7 | 181 |
| | 1.375 | 3.000 | 9.875 | 108A-17-13 | 195 |
| | 1.875 | 3.500 | 10.875 | 108A-17-17 | 209 |
| | 2.375 | 3.500 | 11.375 | 108A-17-23 | 221 |
| | 2.875 | 4.000 | 12.375 | 108A-17-27 | 235 |
| | 3.375 | 4.000 | 12.875 | 108A-17-33 | 246 |
| | 3.875 | 4.000 | 13.375 | 108A-17-37 | 257 |
| | 4.875 | 4.500 | 14.875 | 108A-17-47 | 283 |
| 5.875 | 4.500 | 15.875 | 108A-17-57 | 306 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 3.375 (3-3/8) | 0.875 | 3.000 | 10.875 | 108A-33-7 | 217 |
| | 1.375 | 3.500 | 11.875 | 108A-33-13 | 232 |
| | 1.875 | 3.500 | 12.375 | 108A-33-17 | 243 |
| | 2.375 | 4.000 | 13.375 | 108A-33-23 | 257 |
| | 2.875 | 4.000 | 13.875 | 108A-33-27 | 269 |
| | 3.375 | 4.000 | 14.375 | 108A-33-33 | 280 |
| | 3.875 | 4.500 | 15.375 | 108A-33-37 | 294 |
| | 4.875 | 4.500 | 16.375 | 108A-33-47 | 317 |
| 5.875 | 4.500 | 17.375 | 108A-33-57 | 339 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|------------|-------------------|---------|
| 5.875 (5-7/8) | 0.875 | 3.500 | 13.875 | 108A-57-7 | 277 |
| | 1.375 | 3.500 | 14.375 | 108A-57-13 | 288 |
| | 1.875 | 4.000 | 15.375 | 108A-57-17 | 302 |
| | 2.375 | 4.000 | 15.875 | 108A-57-23 | 313 |
| | 2.875 | 4.000 | 16.375 | 108A-57-27 | 325 |
| | 3.375 | 4.500 | 17.375 | 108A-57-33 | 339 |
| | 3.875 | 4.500 | 17.875 | 108A-57-37 | 350 |
| | 4.875 | 4.500 | 18.875 | 108A-57-47 | 373 |
| 5.875 | 4.500 | 19.875 | 108A-57-57 | 395 | |

Other plate thickness, riser height and ejector bar length options available

| CP TOP CLAMP PLATE | SU SUPPORT PLATE | BCP BOTTOM CLAMP PLATE | PLATE THICKNESS NO. |
|--------------------|------------------|------------------------|---------------------|
| THICKNESS | THICKNESS | THICKNESS | |
| 0.875 | 0.875 | 0.875 | 7 |
| 1.375 | 1.375 | 1.375 | 13 |
| 1.875 | 1.875 | 1.875 | 17 |
| 2.375 | 2.375 | 2.375 | 23 |
| 2.875 | 2.875 | 2.875 | 27 |
| 3.375 | 3.375 | 3.375 | 33 |
| 3.875 | 3.875 | 3.875 | 37 |
| 4.875 | 4.875 | 4.875 | 47 |
| 5.875 | 5.875 | 5.875 | 57 |

See Items 7 & 8 below.

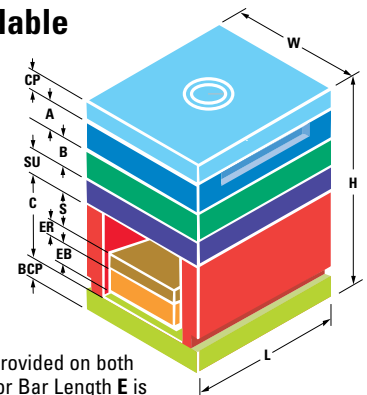
| C RISER | | |
|----------------|------------------|------------------------------|
| C RISER HEIGHT | RISER HEIGHT NO. | S MAX. STROKE OF EJECTOR BAR |
| 2.500 | 25 | 0.813 |
| 3.000 | 30 | 1.313 |
| 3.500 | 35 | 1.813 |
| 4.000 | 40 | 2.313 |
| 4.500 | 45 | 2.813 |
| 5.000 | 50 | 3.313 |
| 5.500 | 55 | 3.813 |
| 6.000 | 60 | 4.313 |

See Item 8 below.

| EB EJECTOR BAR | |
|----------------|------------------------|
| E LENGTH NOM. | EJECTOR BAR LENGTH NO. |
| 8.00 | 8 |
| 11.875 | 12 |
| 16.00 | 16 |
| 20.00 | 20 |
| 23.50 | 23 |
| 29.50 | 29 |

See Item 6 below.

Ejector Housing Covers provided on both ends of mold when Ejector Bar Length E is nominal length of mold base. Customer to fabricate ejector housing covers for extended ejector bars.



WHEN ORDERING, PLEASE SPECIFY:

- Quantity
- Assembly Item Number (For "B" Series, replace "A" with "B")
- 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 CP Top Clamp Plate or SU Support Plate thicknesses as needed (Recommended thicknesses are highlighted in yellow)
- 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.)