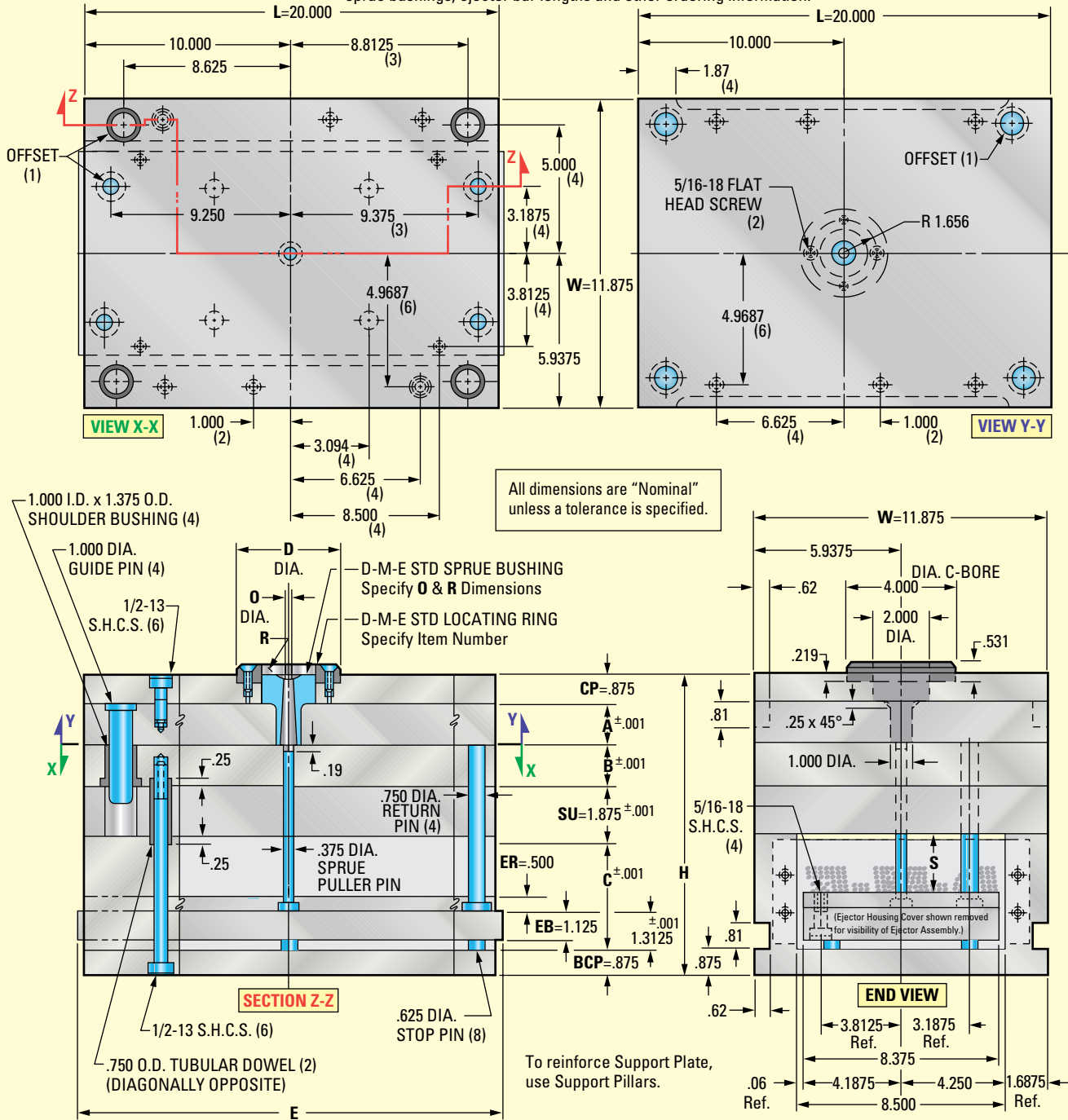


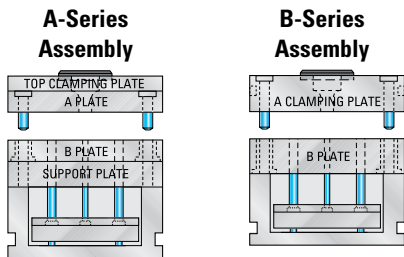
11⁷/₈ x 20" A-Series Mold Bases

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



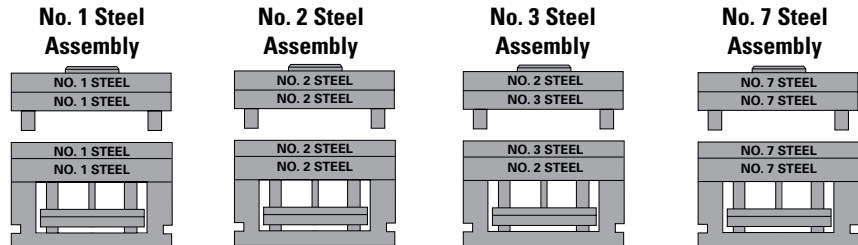
A-Series Mold Bases | 11⁷/₈ x 20 A-Series Mold Bases

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.

1 1/8 x 20" A-Series Mold Bases

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|---------------|-------|--------|------------|-------------------|---------|
| .875 (7/8) | 0.875 | 3.000 | 8.375 | 1220A-7-7 | 491 |
| | 1.375 | 3.000 | 8.875 | 1220A-7-13 | 525 |
| | 1.875 | 3.000 | 9.375 | 1220A-7-17 | 558 |
| | 2.375 | 3.500 | 10.375 | 1220A-7-23 | 601 |
| | 2.875 | 3.500 | 10.875 | 1220A-7-27 | 635 |
| | 3.375 | 4.000 | 11.875 | 1220A-7-33 | 678 |
| | 3.875 | 4.000 | 12.375 | 1220A-7-37 | 712 |
| | 4.875 | 4.500 | 13.875 | 1220A-7-47 | 788 |
| 5.875 | 4.500 | 14.875 | 1220A-7-57 | 856 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 2.375 (2-3/8) | 0.875 | 3.000 | 9.875 | 1220A-23-7 | 592 |
| | 1.375 | 3.500 | 10.875 | 1220A-23-13 | 635 |
| | 1.875 | 3.500 | 11.375 | 1220A-23-17 | 669 |
| | 2.375 | 3.500 | 11.875 | 1220A-23-23 | 702 |
| | 2.875 | 4.000 | 12.875 | 1220A-23-27 | 746 |
| | 3.375 | 4.000 | 13.375 | 1220A-23-33 | 779 |
| | 3.875 | 4.000 | 13.875 | 1220A-23-37 | 813 |
| | 4.875 | 4.500 | 15.375 | 1220A-23-47 | 890 |
| 5.875 | 4.500 | 16.375 | 1220A-23-57 | 957 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 3.875 (3-7/8) | 0.875 | 3.500 | 11.875 | 1220A-37-7 | 702 |
| | 1.375 | 3.500 | 12.375 | 1220A-37-13 | 736 |
| | 1.875 | 4.000 | 13.375 | 1220A-37-17 | 779 |
| | 2.375 | 4.500 | 14.375 | 1220A-37-23 | 822 |
| | 2.875 | 4.500 | 14.875 | 1220A-37-27 | 856 |
| | 3.375 | 4.500 | 15.375 | 1220A-37-33 | 890 |
| | 3.875 | 4.500 | 15.875 | 1220A-37-37 | 923 |
| | 4.875 | 4.500 | 16.875 | 1220A-37-47 | 991 |
| 5.875 | 4.500 | 17.875 | 1220A-37-57 | 1058 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 1.375 (1-3/8) | 0.875 | 3.000 | 8.875 | 1220A-13-7 | 525 |
| | 1.375 | 3.000 | 9.375 | 1220A-13-13 | 558 |
| | 1.875 | 3.000 | 9.875 | 1220A-13-17 | 592 |
| | 2.375 | 3.500 | 10.875 | 1220A-13-23 | 635 |
| | 2.875 | 3.500 | 11.375 | 1220A-13-27 | 669 |
| | 3.375 | 4.000 | 12.375 | 1220A-13-33 | 712 |
| | 3.875 | 4.000 | 12.875 | 1220A-13-37 | 746 |
| | 4.875 | 4.500 | 14.375 | 1220A-13-47 | 822 |
| 5.875 | 4.500 | 15.375 | 1220A-13-57 | 890 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 2.875 (2-7/8) | 0.875 | 3.000 | 10.375 | 1220A-27-7 | 625 |
| | 1.375 | 3.500 | 11.375 | 1220A-27-13 | 669 |
| | 1.875 | 3.500 | 11.875 | 1220A-27-17 | 702 |
| | 2.375 | 3.500 | 12.375 | 1220A-27-23 | 736 |
| | 2.875 | 4.000 | 13.375 | 1220A-27-27 | 779 |
| | 3.375 | 4.000 | 13.875 | 1220A-27-33 | 813 |
| | 3.875 | 4.000 | 14.375 | 1220A-27-37 | 846 |
| | 4.875 | 4.500 | 15.875 | 1220A-27-47 | 923 |
| 5.875 | 4.500 | 16.875 | 1220A-27-57 | 991 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 4.875 (4-7/8) | 0.875 | 3.500 | 12.875 | 1220A-47-7 | 770 |
| | 1.375 | 3.500 | 13.375 | 1220A-47-13 | 803 |
| | 1.875 | 4.000 | 14.375 | 1220A-47-17 | 846 |
| | 2.375 | 4.500 | 15.375 | 1220A-47-23 | 890 |
| | 2.875 | 4.500 | 15.875 | 1220A-47-27 | 923 |
| | 3.375 | 4.500 | 16.375 | 1220A-47-33 | 957 |
| | 3.875 | 4.500 | 16.875 | 1220A-47-37 | 991 |
| | 4.875 | 4.500 | 17.875 | 1220A-47-47 | 1058 |
| 5.875 | 4.500 | 18.875 | 1220A-47-57 | 1125 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 1.875 (1-7/8) | 0.875 | 3.000 | 9.375 | 1220A-17-7 | 558 |
| | 1.375 | 3.000 | 9.875 | 1220A-17-13 | 592 |
| | 1.875 | 3.000 | 10.375 | 1220A-17-17 | 625 |
| | 2.375 | 3.500 | 11.375 | 1220A-17-23 | 669 |
| | 2.875 | 3.500 | 11.875 | 1220A-17-27 | 702 |
| | 3.375 | 4.000 | 12.875 | 1220A-17-33 | 746 |
| | 3.875 | 4.000 | 13.375 | 1220A-17-37 | 779 |
| | 4.875 | 4.500 | 14.875 | 1220A-17-47 | 856 |
| 5.875 | 4.500 | 15.875 | 1220A-17-57 | 923 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 3.375 (3-3/8) | 0.875 | 3.500 | 11.375 | 1220A-33-7 | 669 |
| | 1.375 | 3.500 | 11.875 | 1220A-33-13 | 702 |
| | 1.875 | 3.500 | 12.375 | 1220A-33-17 | 736 |
| | 2.375 | 4.000 | 13.375 | 1220A-33-23 | 779 |
| | 2.875 | 4.000 | 13.875 | 1220A-33-27 | 813 |
| | 3.375 | 4.500 | 14.875 | 1220A-33-33 | 856 |
| | 3.875 | 4.500 | 15.375 | 1220A-33-37 | 890 |
| | 4.875 | 4.500 | 16.375 | 1220A-33-47 | 957 |
| 5.875 | 4.500 | 17.375 | 1220A-33-57 | 1024 | |

| A | B | C | H | ASSEMBLY ITEM NO. | NET WT. |
|------------------|-------|--------|-------------|-------------------|---------|
| 5.875 (5-7/8) | 0.875 | 3.500 | 13.875 | 1220A-57-7 | 837 |
| | 1.375 | 4.000 | 14.875 | 1220A-57-13 | 880 |
| | 1.875 | 4.500 | 15.875 | 1220A-57-17 | 923 |
| | 2.375 | 4.500 | 16.375 | 1220A-57-23 | 957 |
| | 2.875 | 4.500 | 16.875 | 1220A-57-27 | 991 |
| | 3.375 | 4.500 | 17.375 | 1220A-57-33 | 1024 |
| | 3.875 | 4.500 | 17.875 | 1220A-57-37 | 1058 |
| | 4.875 | 4.500 | 18.875 | 1220A-57-47 | 1125 |
| 5.875 | 4.500 | 19.875 | 1220A-57-57 | 1192 | |

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.

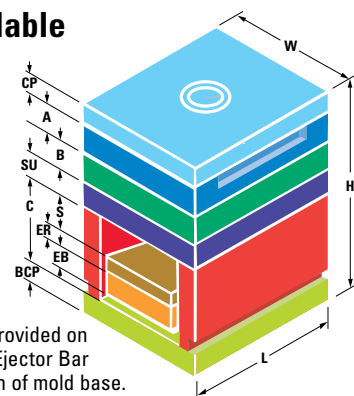
| C RISER | | |
|----------------|------------------|------------------------------|
| C RISER HEIGHT | RISER HEIGHT NO. | S MAX. STROKE OF EJECTOR BAR |
| 3.000 | 30 | 1.188 |
| 3.500 | 35 | 1.688 |
| 4.000 | 40 | 2.188 |
| 4.500 | 45 | 2.688 |
| 5.000 | 50 | 3.188 |
| 5.500 | 55 | 3.688 |
| 6.000 | 60 | 4.188 |

See Item 8 below.

| EB EJECTOR BAR | |
|----------------|------------------------|
| E LENGTH NOM. | EJECTOR BAR LENGTH NO. |
| 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.)