

## D-M-E Item Number System

The item number system employed by D-M-E not only prevents the duplication of item numbers, but helps lessen the chances of error in the writing and production of orders. This is accomplished by incorporating actual dimensional data into the item numbers as indicated below.

### MOLD BASES — “A” AND “B” SERIES

The item numbers for Standard Mold Bases in the “A” and “B” Series combine the NOMINAL Size (width and length), the Series (A or B) and the thicknesses of the “A” (or “A”-Clamping) and “B” Plates.

Since all the standard mold plate thicknesses are a combination of a whole number and either  $\frac{3}{8}$  or  $\frac{7}{8}$ , the designation 13 indicates 1 and  $\frac{3}{8}$ ; 17 indicates 1 and  $\frac{7}{8}$ ; 23 indicates 2 and  $\frac{3}{8}$ , etc.

**For Example:** 1016A-13-37 is the item number for a  $9\frac{7}{8} \times 16$  “A” Series Mold Base with “A” plate  $1\frac{3}{8}$  and “B” plate  $3\frac{7}{8}$  thick.

### MOLD BASES — “X” OR STRIPPER PLATE SERIES

The item numbers for the Stripper Plate Series Mold Base combine the NOMINAL Size (width and length), the letter “X” for Stripper Plate, the numeral 5 or 6 (plate series) and the “AX” plate thickness.

Since the “X” plate thickness is constant at  $\frac{7}{8}$  or  $1\frac{3}{8}$ , and the “BX” plate thickness is constant at  $\frac{3}{8}$ ,  $1\frac{7}{8}$  or  $2\frac{3}{8}$ , depending on the mold base nominal size and number of plates in the assembly, these thicknesses are not represented in the item number.

**For Example:** 1818X-5-13 is the item number for a  $17\frac{7}{8} \times 18$ , 5-plate “X” series Mold Base with a  $1\frac{3}{8}$  thick “AX” plate. (In this case, the “X” plate is  $1\frac{3}{8}$  thick, and the “BX” plate is  $2\frac{3}{8}$  thick).

### “AX” AND “T” SERIES MOLD BASES

The item numbers for the “AX” Series Mold Bases combine the NOMINAL Size (width and length), the letters “AX” and the thickness of the “A” and “B” plates. The “X-1” plate thickness is specified when ordering and is omitted from the item number.

**For Example:** 1212AX-13-37 is the item number for an  $11\frac{7}{8} \times 12$  “AX” Series Mold Base with a  $1\frac{3}{8}$  thick “A” plate and  $3\frac{7}{8}$  thick “B” plate. The “X-1” plate thickness (e.g.  $\frac{7}{8}$ ) is then specified when ordering.

The item numbers for the “T” Series Mold Bases combine the NOMINAL Size (width and length), the letter “T” and the thickness of the “X-2” and “B” plates.

Since the thickness of the “A”-Clamping plate is constant at  $1\frac{7}{8}$  or  $2\frac{3}{8}$  and the “X-1” plate thickness is constant at  $\frac{7}{8}$  or  $1\frac{3}{8}$ , depending on the nominal size of the mold base, these thicknesses are not represented in the item number.

**For Example:** 1012T-23-17 is the item number for a  $9\frac{7}{8} \times 11\frac{7}{8}$  “T” Series Mold Base with a  $2\frac{3}{8}$  thick “X-2” plate and  $1\frac{7}{8}$  thick “B” plate. (In this case, the “A”-Clamping plate is  $1\frac{7}{8}$  thick and the “X-1” plate is  $\frac{7}{8}$  thick).

### CAVITY RETAINER SETS

Since Cavity Retainer Sets are made up solely of an “A” and “B” plate, the item numbers combine the NOMINAL Size, and the “A” and “B” plate thicknesses. (The absence of the letter “A”, “B”, “AX”, or “T” distinguish these numbers from the item numbers of Standard Mold Bases).

**For Example:** 1215-33-47 is an  $11\frac{7}{8} \times 15$  Cavity Retainer Set with “A” plate  $3\frac{3}{8}$  and “B” plate  $4\frac{7}{8}$  thick.

### MOLD PLATES

The same principle used for numbering Cavity Retainer Sets is applied to Standard Mold Plates; however, only one plate thickness is required. (Since the item numbers for retainer sets will always indicate two separate plate thicknesses, the distinction between these two items is easily identified).

**For Example:** 1318-47 is a  $13\frac{3}{8} \times 18$  Mold Plate,  $4\frac{7}{8}$  thick.

**NOTE:** While an understanding of this item number system can be very helpful in identifying and referring to the various standard sizes, the D-M-E catalog should be consulted when ordering any standard item.