

D-M-E Catalog Number System

The catalog number system employed by D-M-E not only prevents the duplication of catalog numbers, but helps lessen the chances of error in the writing and production of orders. This is accom-

plished by incorporating actual dimensional data into the catalog numbers as indicated below.

MOLD BASES — "A" AND "B" SERIES

The catalog 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 catalog number for a $9\frac{7}{8}$ x 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 catalog numbers for the Stripper Plate Series Mold Bases 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 $1\frac{3}{8}$, $1\frac{7}{8}$ 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 catalog number.

For Example: 1818X-5-13 is the catalog number for a $17\frac{7}{8}$ x 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 catalog 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 catalog number.

For Example: 1212AX-13-37 is the catalog number for an $11\frac{7}{8}$ x 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 catalog 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 catalog number.

For Example: 1012T-23-17 is the catalog number for a $9\frac{7}{8}$ x $11\frac{7}{8}$ "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 catalog 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 catalog num-

bers of Standard Mold Bases).

For Example: 1215-33-47 is an $11\frac{7}{8}$ x 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 catalog 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 $13\frac{3}{8}$ x 18" Mold Plate, $4\frac{7}{8}$ thick.

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