GUIDE FOR PURCHASERS

CLASSIFICATIONS OF INJECTION MOLDS UP TO 400 TONS

The following contains a brief synopsis of the various mold classifications and the detailed descriptions of each mold class. Again, it is our recommendation that a **MOLD DATA SHEET** (an example of which is in the back of this Guide) be included with each request for quotation.

CLASS 101 MOLD

*Cycles: One million or more

Description: Built for extremely high production. This is the highest-priced mold and is made with only the highest quality materials.

CLASS 102 MOLD

*Cycles: Not exceeding one million

Description: Medium to high production mold, good for abrasive materials and/or parts requiring close tolerances. This is a high quality, fairly high-priced mold.

CLASS 103 MOLD

*Cycles: Under 500,000

Description: Medium production mold. This is a very popular mold for low to medium production needs. Most common price range.

CLASS 104 MOLD

*Cycles: Under 100,000

Description: Low production mold. Used only for limited production preferably with non-abrasive materials. Low to moderate price range.

CLASS 105 MOLD

*Cycles: Not exceeding 500

Description: Prototype only. This mold will be constructed in the least expensive manner possible to product a very limited quantity of prototype parts.

(Important: refer to the general specifications to complete the details of this section, except for prototype molds.)

CLASS I UNIT INSERT**

*Cycles: Approximately 500,000

Description: Top quality materials for medium to high production requirements.

CLASS II UNIT INSERT**

*Cycles: Under 100,000

Description: Similar to Class 104 Mold. Most commonly used insert. Low to medium production.

CLASS III UNIT INSERT**

*Cycles: Less than 500

Description: Similar to Class 105 Mold. Least expensive insert for very limited quantities. Insert built with the lease expensive materials.

** Cycles are approximate and for comparison only.*
*** When buying inserts, the customer pays only for the insert. The unit mold base is owned by the molder. Because of the large variation in insert sizes, it should be kept in mind that it will be impossible to have product produced by another vendor without having to purchase a mold base.*

(Important: refer to the general specifications to complete the details of this section, except for prototype molds.)