

## Date Stamps

### **Product Description/Purpose:**

Provides product traceability by molding Year, Month, Day, Shift, and other details directly into the part. Can be used for batch identification, quality control and process control.

### **Speaking Points:**

#### CH-Series

- Shorter length prevents interference with water lines.
- Available with added outer rings providing characters typically used in automotive industry.
- Examples:
  - 0-9
  - A-M
  - N-Z
  - Blank ( for custom information )
- Center insert easily adjusted and/or replaced from the front of the mold.
- Manufactured from hardened 420 series stainless steel, ideal for wear and corrosion resistance.
- Maximum operating temp. 450°F/230°C.

#### 20 Series

- 20 mm length provides interchangeability with competitive styles.
- Center insert easily adjusted and/or replaced from the front of the mold.
- Manufactured from hardened 420 series stainless steel, ideal for wear and corrosion resistance.
- Maximum operating temp. 450°F/230°C.

#### D-Series

- Deeper character engraving (.020) allows part marking when molding less viscous materials, rubber, and may be used in certain blow mold applications.
- Shorter length prevents interference with water lines.
- Center insert easily adjusted and/or replaced from the front of the mold.
- Manufactured from hardened 420 series stainless steel, ideal for wear and corrosion resistance.
- Maximum operating temp. 450°F/230°C.

#### RF-Series

- Center insert remains flush with outer ring throughout entire 360 degree adjustment.
- 3mm diameter not offered by competitors.
- Available with recessed or raised letters.
- Easily adjusted and/or replaced from the front of the mold.
- Manufactured from hardened stainless steel, ideal for wear and corrosion resistance.
- Maximum operating temp. 450°F/230°C.

#### Multi – Daters

- Provides multiple date information on the part with only one date insert.
- Allows complete traceability and identification on a plastic part where space for traditional date inserts is limited.
- Reduces overall costs incurred by replacing center year arrow each year.
- Easily adjusted and/or replaced from the front of the mold.

- Manufactured from hardened stainless steel, ideal for wear and corrosion resistance.
- Maximum operating temp. 450°F/230°C.

#### LG Series

- Larger Diameters ideal for large compression, structural foam and blow molds.
- Available with recessed or raised letters.
- Simple construction reduces cost and makes for easy installation and adjustment.
- Manufactured from high strength brass for high heat transfer and corrosion resistance.

#### H-Series

- Compatible with Hasco Z482 & Z483 series date inserts ...With Exceptions:
  - Progressive's made from hardened stainless steel ideal for wear and corrosion resistance.
  - Max operating temp 450°F/230°C.
  - Hasco made from H series tool steel ( H-11 ) can be used in injection molds.
- Ideally suited for die cast tools.
  - Both adjusted from the front of the mold.
  - Progressive's center insert can be changed from the front of the mold while Hasco style requires disassembly of the mold to replace the center insert.

#### FD-Series

- Ideal when plastic part detail or mold design requires small date insert footprint.
- 3 & 4mm diameter.
- Center insert remains flush throughout entire 360 degree adjustment.
- Manufactured from hardened stainless steel, ideal for wear and corrosion resistance.

### **Comparisons to Competitive Products**

Progressive offers the most comprehensive line of Date Inserts, offering innovative features while maintaining compatibility and interchangeability with most popular brands on the market.

Progressive's center replacement inserts are laser etched with supplier information to eliminate the frustration of ordering the proper part number at years end.

Progressive's global supply network insures replacement inserts regardless where the tool was built and where the tool is in production.

#### **F.A.Qs:**

Q. What are the tolerances that must be held on the OD and pocket length when installing these inserts?

A. H 7 tolerances should be used. (Note to OS – H7 is a European dimensioning standard)

Q. Can the inserts be welded, if so what precautions must be observed?

A. YES, typically the material is 420 SS, compatible welding material must be adhered to, excessive heat from welding can cause deforming and may alter the hardness.

Q. Are there any precautions that should be taken if these inserts are located in an area that is to be textured or etched?

A. Height of the Date Plug will change by .2 / .3 mm as the Date plug is rotated.

Q. During repair or maintenance of a mold, can the inserts be subjected to any kind of cleaner or solvents including ultrasonic cleaning methods without damage to internal components?

A. Yes.

Q. What if I lose a spring when replacing the center arrow, are they available?

A. Yes.