

NEW OEM TYPE / CUSTOM INJECTION SCREWS

**For all Makes, Models & Sizes of Injection
and Extrusion Screws**



Typical Designs In Stock

- G.P. 3:1 Compression Ratio's
- ABS 2:1 Compression Ratio's
- Nitralloy Nitrided
- Stellite #12 & Chrome
- Colmonoy #56 & Chrome

Custom screws with our "Performance Guarantee" Molders Choice can improve most OEM screw designs depending on the plasticizing or mixing deficiencies you are presently experiencing.

The cost of plastic materials & additives such as Glass, Talc, Colorants, etc are all increasing drastically. Now's the time to modify or change your plasticizing screw to improve the process and lower your operating COSTS.

We Offer:

- Improved designs for processing regrind.
- Mixing sections to assure proper dispersion of color.
- A variety of tool steels and surface treatments to prolong the life of the screw.



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24 Hour Service - 7 Days a week

1-800-809-4623

WebSite: www.molderschoice.com • Email: molders@molderschoice.com

HTM High Performance Screw

Improves Part Quality and Productivity

Front-to-back Heat Transfer Device:

- Draws Excess Heat from Mixer Area
Prevents Overheating
- Transfers Heat Back to Transition Zone
Melts Pellets Quicker

Highest Levels of Mixing

Lowest Levels of Shear

Provides:

- ***Better Melt Quality*** – for Better Part Quality
- ***Faster Melt*** – for Faster Recovery Times
- ***Lower Front-End Temperatures*** – for Shorter cooling Times



Can Improve Cycle Time by 15%

Available Sizes: from 1-3/8" (or 35 mm) to 6" (or 155 mm)

Available Materials:

- Nitralloy, Heat Treated and Nitrided
- 4140 with Colomonoy 56, Heat Treated and Chrome Plated
- 4140 with Stellite 12, Heat Treated and Chrome Plated
- CPM9V, Heat Treated
- Stainless, Carbide and Most Other Specified Materials

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