

## Super Wear-Resistant Steel

### *Why do I need Super Wear-Resistant Tool Steel?*

Typically, OEMs use General Purpose Steels for their injection units. Most molders, however, are using a variety of resins which can quickly wear out the general purpose steels. As a result, these barrels and screws are not designed or capable of handling any type of abrasive resins for more than a couple of months.

For this reason, Services For Plastics, Inc. recommends that when you order a new machine, you also order a SFP Replacement High Abrasion-Resistant Injection Unit and use the General Purpose OEM Unit as a backup. Having this spare unit on the shelf will help ensure minimized downtime for your machine.

SFP specializes in the design and manufacturing of High-Performance, Wear-Resistant Barrels, Screws, and Tip Assemblies. Services For Plastics combines premium raw materials and uniquely designed surface treatments to create components which are extremely abrasion/wear-resistant. By changing the molecular structures in the steel composition, SFP has developed the most wear-resistant, robust and corrosion-resistant components available in today's industry. This technology, combined with accurate designs from SFP's experienced engineering design team, provide exceptional wearability and performance for even the most abrasive applications.



## Thermoplastic / Thermoset Conversions

Many molders are entering into new frontiers for their perspective businesses. Molders used to be categorized as either thermoplastic or thermoset molders. With today's changing economy and competitive markets, it is necessary for molders to become more flexible in order to meet the demands of their customers.

SFP's Engineering Design Team can help you meet these challenges. Our team of full-time design engineers are experts in both thermoplastic and thermoset injection unit design. Unlike our competition, our staff is known for their design manufacture capabilities and guaranteed performance. So don't settle for less. Expect expert solutions from a company you can trust... Services For Plastics.



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**800-627-1033**