

Slug-Retention Machine Prevents Slug Pulling

Tool and die designer and builder DTC Products, a division of Dec Tool Corp., St. Charles, IL, has developed a slug-retention machine that prevents slugs from pulling back onto the die block. The machine uses a pneumatically powered grinder to precisely machine a small angled groove into the sidewall of a stamping-die cavity. A micrometer cou-

The machined groove creates a precise amount of interference. During stamping, the slugs expand into these grooves, which prevents them from pulling back up to the top of the die block and onto the die surface, where they can damage the strip, the final part or even the die.

This solution helps reduce downtime

by eliminating the need to stop the press and remove slugs from the die and stripper surface. It also eliminates the significant costs associated with sorting parts in search of slug marks.

The slug-

retention machine measures less than 10 in. high, and features a magnetic base so it can mount temporarily but firmly in place on the die surface during the



pled to the drive of the machine's slide enables precise movement of the machine's carriage to control the depth of the slug-retention groove.

machine measures less than 10 in. high, and features a magnetic base so it can mount temporarily but firmly in place on the die surface during the

grooving operation. Use it to also machine grooves into die bushings and die inserts, as well as to vent guided stripper openings. At less than 10 lb., this unit is easily transportable within a sturdy carrying case, so stampers can use it in the toolroom or pressroom to work on dies while mounted in the press. Only a compressed-air connection is required for operation.

DTC Products, a division of Dec Tool Corp.:
866/682-3602; www.dectool.com

Oblong, Square Tooling Shipped Same Day

The American Punch Co., Cleveland, OH, announced its commitment to same-day shipping of stock oblong and square tooling, regardless of the keyways specified, on orders placed by 12:00 p.m. EST.

In addition, the firm, a supplier of punches, dies, shear blades and related tooling, has increased the amount of stock tooling components by adding 65 additional sizes of oblong tools and 60 additional sizes of square punches and dies.

American Punch Co.: 800/243-1492;
www.americanpunchco.com

Compound Tooling and Dieset Allows Cost-Effective Stampings in a Single Stroke

Dayton Progress, Dayton, OH, introduces DaySet high-precision compound tooling—a complete tooling system for the production of high-quality, cost-effective stamped products in a single-step operation. DaySet tooling allows 15-min. tool changeovers, making it ideal for short and medium runs, prototyping and quick-changeover environments. Based on the Hovis Die principle, but with an improved design, DaySet can eliminate the need for high-cost progressive dies for efficient production of stamped parts such as washers, in varying thicknesses,



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