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DME to Display Thin Wall Sleeves, Sleeve Extensions and Core Pin Retainers at K Show

Madison Heights, Mich. – DME Company, the broadest supplier of mold technologies worldwide, will display three new components at K 2010 that are designed to help standardize mold ejection: Thin Wall Sleeves, Sleeve Extensions and Core Pin Retainers.

DME will be exhibiting these components at its K 2010 booth: Hall 1, Stand C25. The international plastics and rubber trade fair runs from Oct. 27 to Nov. 3 in Dusseldorf, Germany.

“These three products provide more standardization and versatility for the mold ejection process,” said Trevor Pruden, Mechanical Engineering Manager for DME. “They enable moldmakers to reduce costs and add efficiencies for a variety of specialized applications.”

Thin Wall Sleeves

Thin Wall Sleeves are designed specifically for thinner plastic wall sections. They reduce cost by replacing the need for moldmakers to buy expensive custom ejector sleeves or to machine steps in standard sleeves.

All Thin Wall Sleeves have a 0.03-inch wall thickness, and their inner diameters range from 0.09375 to 0.375 inches. They come in standardized lengths of 4 or 6 inches. The bearing lengths, similar to those of standard sleeves, contain 2 inches of bearing and a long tapered lead-in from the end of the sleeve.

Units are made from A-2 steel, enabling a cross-section that steps out to a wider shoulder and head diameter. Both the inner and outer diameters of the sleeves are treated with Nikolon to provide wear resistance and lubricity.

Sleeve Extensions

Sleeve Extensions are designed to eliminate the need for special orders. Often, large molds require longer-than-standard sleeves. Sleeve Extensions can provide an extra 3 inches of height, while maintaining industry-standard counterbores in the ejector retainer plates.

Sleeve Extensions are manufactured from 1215 steel and etched for identification. They are easily installed in the pin plates. After that, the ejector sleeve simply slides into the extension's 'T' slot with no additional machining.

Core Pin Retainers

In addition to these standard products, Core Pin Retainers from DME simplify and cost-effectively retain the center core pin in ejector sleeve applications.

Core Pin Retainers use a standard thread size, similar to a set screw. However, its head enables the retainer to bottom out instead of threading into the core pin head. This allows the pin to float slightly for optimum pin-to-sleeve performance and eliminates the need for extra machining or space-obtrusive plates.

About DME

DME Company is an essential mold technologies resource to customers worldwide. Through aggressive new product development, global product standardization and a powerful combination of in-house manufacturing centers of excellence and strategic global partnerships, DME is helping customers succeed in changing times. The company's standard-setting, comprehensive product line — including hot runner systems; control systems; mold bases and components; mold making and molding supplies; and cold runner systems for elastomers — is backed by expert technical service every step of the way. DME also manufactures and sells standard tooling for the die-casting industry. Visit www.dme.net for more information.

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