

PRODUCT NEWS

Welcome to our Product News page. Here we will feature new products of interest to the gear and gear products markets. To get more information on these items, please circle the Reader Service Number shown.



High-Lubricity Alloy Coating

Microfin Corp. introduces a new plating process with outstanding lubricity, wear resistance and hardness. Lubralloy®, a chemically deposited alloy process, is said to be far superior to electro-deposited coatings, producing uniform, smooth and wear-resistant deposits on complex shapes. It works with aluminum, titanium, stainless steel, high-nickel alloys and copper, as well as most basic materials.

Circle Reader Service No. A-27



Tetrabond Coatings Available in Small Lots

Multi-Arc Inc. has initiated small lot production of its amorphous diamond coating, Tetrabond. These amorphous carbon-based coatings have diamond-like properties and can be deposited at temperatures below 150°C.

Circle Reader Service No. A-29



Factory Gage Management Software

Allen-Bradley's DataMyte Business Unit has announced the release of EnGage!® factory gage management system for PC applications. Designed to accommodate factory auditing certification requirements, EnGage! software incorporates a fully functional tracking and recall system with calibration entry and storage, integrated import/export capability, help screens and integrated word processing features. It produces recall, inventory, cost and calibration worksheets, reports on gages due for calibration, event histories and overdue/out-of-tolerance gage listings and performs certification of calibration reports.

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Honing System for Increased Production Capacity

Sunnen Products Co. announces the new ECA-3500 automated honing system, which provides consistent bore size and finish without the labor costs of a dedicated operator. Consisting of the company's EC-3500 standard honing machine and the ECA-7500 standard automation package, the system will increase production capacity, double the speed of existing honing machines and reduce load/unload times.

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Adjustable Pitch Diameter Inspection Gage

Moore Products Co. offers a new adjustable pitch diameter inspection gage for measuring the over-ball or over-pin characteristics of gears and splines either in the gear lab or on the production floor. Standard equipment includes the pitch diameter inspection gage, one set of ball/pin anvils, a part-holding stand, the digital readout, the Data Gage 873 measuring system for automatic calculation of tooth thickness and dimensions over balls and pins and a workbench with storage drawer. Options include center assembly, printer and interface with a LAN (local area network).

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Targa-VH Bond Abrasive Products

Norton Company introduces a new product line of advanced ceramic abrasives, the Targa-VH line. The products deliver increased wheel life, aggressive cutting and improved form holding capabilities in demanding jobs such as cylindrical and plunge centerless grinding. Available in two concentrations (50%

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and 30%) for both difficult-to-grind materials, small contact areas and heavy stock removal and easy-to-grind materials, large contact areas and light stock removal respectively. Available in a variety of grit sizes and wheel dimensions.

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Economy Wastewater Evaporators

Landa, a manufacturer of water cleaning systems, introduces a line of economy wastewater evaporators. The all-electric Hot Box evaporators are designed for handling low volumes of wastewater from mop water to machine coolant rinse water. Available in two models, the Hot Box can evaporate waste streams in either batch process or continuous flow at up to 7 gallons per hour.

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TRU-VOLUTE® the first name in gear generating tools

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Hydraulic Clamping Device for Hobbers

Albert Schrem announces its Polyma-Adjusta No. DAKK 92 hydraulic-mechanical clamping device for gear hobbers and skiving machines. The device has a controlled axial clamping pressure and a floating clamping surface. A bevel spring between the arbor and the clamping device prevents radial movement of the part and at the same time retracts the piston to the zero position when unclamping. Also offers easy runout adjustment system.

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