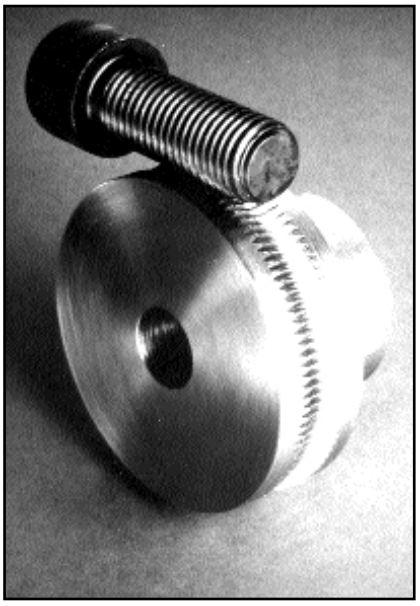


Precision Gearing from Dynamic Automation

The precision gear from Dynamic Automation works with a standard machine screw or long-length threaded rods. It can adapt to rotary or linear motion applications.

According to the company's press release, this gear was used to solve one of the toughest engineering problems at McClellan Air Force Base in a minimum available space. The gear has been used to drive sample carriers 100" deep under water at a speed of 10" per minute.

The precision gear is available in a variety of standard sizes and can be custom ordered. In addition, it is capable of fine adjustment and positive positioning.

For more information, contact Dynamic Automation of Chicago, IL, by telephone at (312) 782-8555 or on the Internet at *www.dynamicgear.com.*

New Gear Tester from Wenzel

The new gear tester from Wenzel is equipped with a scanning probe system, an integrated rotary table and air bearings for high precision spur, helical and bevel gear measurement.

The GearStar 400 operates on workpieces with min./max. diameters of 5–400 mm, a module range of 1–20, and operates on four axes.

The GearStar 800 has a diameter of 5–800 mm and a module range of 1–20, with four axes as well.

For more information, contact Wenzel GearTech of Karlsruhe, Germany by telephone at (49) 172-698-2349 or by visiting their website at *www.wenzel-geartec.com.*

New Fine Gear Cutting Machine from Wahli

The Wahli 100 CNC is a fine gear cutting machine that's fully controlled by CNC and designed for the microtechniques industry.

According to the company's press release, the machine is a synthesis of a high level simplified mechanical part and modern electronics. Its three-point

Corrections • Corrections • Corrections

A number was omitted from one of the equations in "Application of Statistical Stability and Capability for Gear Cutting Machine Acceptance Criteria." The article was written by Thomas J. "Buzz" Maiuri and was published in *Gear Technology*'s November/December 2003 issue. The omission occurred on page 38, in the equation about the lower capability index (CPL).

The CPL equation should have included a 3 in the denominator, like the denominator for the upper capability index (CPU). So the CPL equation should have read:

$$CPL = \frac{(\bar{\bar{X}} - LSL)}{3\hat{\sigma}_{\bar{\bar{X}}}}$$

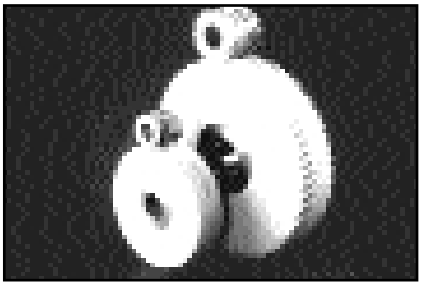
Also, in the industry news section of the November/December 2003 issue of *Gear Technology*, on page 18, we reported that Applied Process specializes in austempering *non-ferrous* materials. The company's correct specialty is austempering, a high performance heat treating process for *ferrous* materials.

We apologize for any inconvenience.

—The Editors

structure is welded and isostatic. There is a numerical interpolation for each feed axis. The high rapid traversing speed is rated at 4 meters per minute, and the spindle operates at a speed of 15,000 RPM.

For more information, contact Wahli Ltd. of Safnern, Switzerland, by telephone at (41) 32-356-0273 or the Internet at *www.lambert-wahli.ch.*



Gear Material from Intech

Intech Power-Core is a hybrid composite gear material that wraps around a sturdy metal core.

According to the company's press release, the hybrid gear design features a sturdy material that is gravity-cast directly onto a rugged, knurled metal core. The gear material is engineered to offer high performance tensile and flexural properties over a range of operating conditions. Gear teeth are hobbed into the outer plastic portion of the gear material.

A bore directly machined into the metal core secures the shaft connection that enables the designer to attach the composite gear using traditional metal gear methods.

A gear blank is mounted directly onto an arbor of the hobbing machine and enables the cut of a precision bore into the metal, serving as a reference point for the gear's critical dimensions.

For more information, contact Intech Corp. of Closter, NJ, by telephone at (201) 767-8066 or on the Internet at *www.intechpower.com.*

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