

Tooling Update

Quick-Change Fasteners Streamline Setups

Tooling Technology, Fort Loramie, OH, introduces the Segen quick-change system that replaces nuts, bolts, fasteners and hand tools to reduce the time required to prepare platen, die and mold setups requiring clamping, fixturing and alignment. Segen quick-change devices consist of a steel cylinder lock and a corresponding knob. The cylinder lock, designed to receive and mate with a conical male knob, locates and positions the knob to within 0.0002 in. with a holding force as great as 25,000 lb./device, depending on cylinder specifications. Positively locked in a static state, the cylinder lock actuates when air pressure is applied to release or receive the knob. The cylinder locks stay mechanically locked until pneumatic pressure is applied to automatically release them.



A typical tool setup that might take several hours to change out can be changed in a matter of minutes using the quick-change cylinder locks. Use the cylinders for precisely and quickly locating tools, jigs or fixtures, making changeovers and setups simple, safe and secure.

Tooling Technology: 937/295-3672; www.segen-online.com

Versatile, New Press-Brake Tooling Line

Wila, Hanover, MD, introduces a new line of American Vintage precision press-brake tooling, manufactured in traditional Imperial dimensioning using high-quality tool steel. All punches and dies are available in solid 20-in. lengths, and in 8- and 18.5-in. sectionalized sets. This allows a fabricator to quickly develop any needed tooling length, from 3/4 in. up to machine length, in 1/4-in. increments.

American Vintage Punch lengths weighing 28 lb. or less come with Wila's patented Safety-Clicks for vertical loading and unloading. The punches can be used in standard American ram clamps available on all press brakes designed for American tooling. The punch tangs are pre-



chined with self-seating grooves for use with Wila American Style hydraulic clamping systems, for quick setups.

All American Vintage tools are CNC-hardened at the bending radii to minimum Rockwell HRC-52 to a minimum depth of 0.080 in., and are precision ground to ±0.0008 in. The punches come in a standard working height of 4.750 in. Tools are available for air and bottom bending.

Wila USA: 443/459-5511; www.wilausa.com

Die-Design Software Developer Earns UK's Queen's Award

Vero Software Plc, a manufacturer of CAD/CAM/CAE software for the tooling industry, earned the Queen's Award for Enterprise 2010, the UK's most prestigious business award. The recognition comes on the advice of an independent advisory committee serving the Queen and Prime Minister that includes representatives of government, industry and commerce, and the trade unions.

Vero, which creates software for design and manufacture of stamping dies, plastic-injection molds and similar products, earned the award in recognition of its growing export earnings into markets such as North America and the Far East.

Vero Software: www.vero-software.com

Pins, Punches and Perforators

A 29-pg. illustrated catalog from Royal Diversified Products, Warren, RI, presents the company's 2010 lineup of die and mold components, and describes the firm's coating and heat-treatment processes. Chart after chart detail product specifications and dimensions, and