

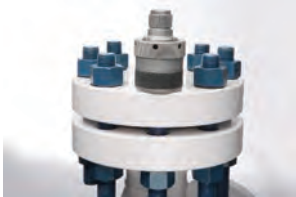
Hardware & Tools Innovation Alley ▶▶▶▶

▶▶▶▶ 五金暨工具新品大道

compiled by Fastener World

Hydratight Reveals New Pipeline Torque Tool ▶▶▶▶

英國Hydratight公司推出新的管線扭力工具



Hydratight has launched the new Gripping Socket™ torque accessory, which is designed to significantly improve operator

safety during bolting operations. The socket has been precision-engineered to grip onto a nut during the bolting process, reducing the need for the user to manually stabilise hydraulic wrenches. This gripping feature also enables the operator to perform bolting using a remote operating device, keeping vulnerable parts of the body such as hands and fingers away from pinch points. The socket's versatility is also enhanced by its ability to be used in any orientation on standard hexagonal nuts, including inverted positions. This reduces the potentially harmful effects of operator fatigue or tool slippage when under load.

New NutBee and PowerRiv Riveting Tools for Increased Reliability ▶▶▶▶



德國KVT-Fastening發表新NutBee和PowerRiv系列拉鉚工具

With the new NutBee and PowerRiv, and with immediate effect, KVT-Fastening has extended its product range with two programmable battery-powered riveting tools for reliable installation work: NutBee for power-controlled setting of pop rivets and blind rivbolts, and PowerRiv for processing pop rivets and lockbolts. One major advantage of these new tools: To ensure that the setting operation is carried out precisely with the required power, the latter can be individually adjusted with the HST Tool Manager software package. Thanks to this function, every connecting element can be set accurately with maximum precision. The tool immediately checks whether the correct reference value has been reached, and evaluates the operation. The result appears in the digital display. Another useful extension of this functionality is the optional barcode scanner, which permits existing programs to be loaded directly into the machine. Consequently, the operator must not select new software when changing to a different rivet. All it needs is a simple scan of the barcode.

MobileTron Launches AC Delco Torque Master ▶▶▶▶

車王電子(Mobiletron)公司推出AC德科扭矩扳手

The tool has up to 800Nm of reverse torque to remove wheels quickly whilst the forward torque is set at 70Nm. The Torque Master has a powerful brushless motor to increase reliability and give better control.

Business Development Manager Michael Gater said "There is an issue with garages over-tightening wheel nuts and studs. This can be just as bad as under-tightening as it can have an impact on the integrity of the thread potentially making the wheel become loose. Torque Master gives peace of mind that nuts will never be tightened to more than 70Nm whilst having the advantage of being able to remove wheels very quickly."

Torque Master is a patented technology and unique to AC Delco. Other tool manufacturers offer Impact Wrenches with variable torque setting; however there is still possibility of human error by selecting the incorrect torque setting whereas the Torque Master only has one torque setting and all risks are removed. The AC Delco Torque Master is set to be available in July or so. Mobiletron, a company which has been in business for 35 years now, entered the UK market 15 years ago.



Japanese Lobtex Rolls out In-line Type Pneumatic Riveter ARV-015MX ▶▶▶▶▶



日本Lobtex公司推出組裝線專用氣動鉚釘機「ARV-015MX」

Lobtex Co. Ltd. rolled out the In-line Type Pneumatic Riveter ARV-015MX, an improved version of the old models. It changes the position of chute hose to enable straight-line rivet mandrel ejection and prevent stuck mandrels in the hose, improving operating performance. Stroke is increased from 14mm (.55") of the old models to 16mm (.63"). It comes with Soft-Set shock-less function that reduces riveting impact on operators, and can pull 4.8mm(3/16") stainless steel rivets. One-touch detachable jaw case makes maintenance easier. Its vacuum system keeps rivets to the nosepiece so that they will not fall off downwards.

Hitachi Introduces its First 3-1/2" Palm Nailer ▶▶▶▶▶



美國Hitachi發表首支3-1/2" 掌上型緊固釘槍

Hitachi Power Tools (Hitachi Koki USA, Ltd.) announced the newest addition to its extensive Pro Preferred* Pneumatic Nailer lineup; a 3-1/2" Palm Nailer (Hitachi's first), model NH90AB. This Palm Nailer is designed specifically for driving bulk nails in confined spaces where a nailer might not fit, and there is no room to swing a hammer.

The NH90AB accepts commonly used bulk nails up to 3-1/2"; ranging from .113" - .162" in diameter. The magnetic nose secures a fastener in place so that the user can easily guide the nail tip into the material or various types of pre-punched metal connectors, safely and accurately.

The NH90AB's performance is only enhanced by its maneuverability. This tool is lightweight at just 1.3 lbs., for minimum fatigue during extended use or overhead applications.

New Montana Brand 2-in-1 Drywall Screw Setter ▶▶▶▶▶

美國Montana Brand公司推出新的2合1乾牆螺絲套筒



The new setter provides double duty functions for speed and convenience. The modular drive accessory works as a drywall screw setter and 3" magnetic bit holder. Made in the USA, the product countersinks screws accurately in drywall. Other features include spin-free screw setter sleeve, magnetic bit and 1/4" quick change shank.



HYTORC Unveils Lithium Ion Battery-Powered Torque Gun ▶▶▶▶▶

美國HYTORC推出鋰電池驅動的「LION-.25」扭矩槍

The LION-.25 is lightweight and portable, and is free of the loud noise and high vibrations. The tool is the world's first affordable precision bolting system with built-in data recording. The user simply needs to set the desired torque output on the LION's display and pull the trigger to get fast, precise, repeatable torque without excessive noise or vibration. The rotation angle can also be programmed for simple torque and angle bolting. After tightening, the LION automatically releases for fast movement from nut to nut.

Once the bolting application is complete, the LION Gun can be connected to a PC or tablet to export the recorded data into an Excel-friendly format for reporting, storage or additional analysis.

The LION Gun is perfect for applications in the aerospace, agriculture, aviation, marine, military, railroad, transportation maintenance, turbine and utilities industries. The 18-volt, 4.1 ampere hour torque gun is just 7 pounds (with battery) and designed for applications with bolts 3/8-inch to 3/4-inch in diameter and requiring 25-250 foot/pounds of torque.

Sumake North America Launches New Approach to Torque Readout Screwdrivers ▶▶▶▶▶

晶元實業有限公司在北美的分支(Sumake North America)推出可讀取扭矩數據的螺絲起子



The company's Sumake system captures vital screwdriver readings including torque range, fastener turns, fastening times and screw count at a fraction of the cost of competitors' readout systems. Combined with Sumake's premium brushless motor, torque, clutched screwdriver technology, the Smart Torque Readout Display provides instant torque readout values that can be recorded on a computer. The system's screw counting functionality assures that the operator has inserted the correct number of screws without stripping or cross-threading any.

Sumake is a Taiwan manufacturer and exporter specializing in pneumatic tools, power tools, electric screwdrivers and battery tools suited to a wide range of applications including electronic, industrial and automotive.

Sumake North America, founded in 2005, is located in Amherst, NH. Sumake North America is the exclusive distributor of Sumake tools in the US, Canada and Mexico.

Mac Tools Introduces New Cordless Brushless Impact Wrench And Impact Driver ▶▶▶▶

美國Mac Tools公司新推出無線無刷衝擊式扳手和衝擊式起子



Mac Tools announces the launch of its new 20V MAX* 1/4" Brushless Impact Driver (MCF886) and 20V MAX* 3/8" Brushless Impact Wrench (MCF891). These new tools are designed for automotive applications.

At just 5.69" in length and with 275 ft.-lbs. of breakaway torque, the MCF891 provides compact power. Likewise, the MCF886 is just 5.53" in length and provides 250 ft.-lbs. of breakaway torque. On both tools, three-speed settings and a variable speed trigger enables the user to control the tool's speed, delivering 0-1,700, 0-1,950, and 0-2,800 rpm. The variable speed trigger also features an electronic brake for optimal speed regulation.

Integrating efficient brushless motors, these tools offer long runtime, making the tools beneficial to the automotive technician. Both the MCF886 and MCF891 are designed with an ergonomic over-molded grip. Each tool includes a three-point LED light to help illuminate dark work areas and anti-mar bumpers for increased durability. In addition, both tools have glass-filled nylon housings to resist damage from most solvents present in an automotive environment.



Oregon Designer 's PlusMinus Screwdrivers are Meant to Live Outside the Toolbox ▶▶▶▶

美國奧勒岡州設計師設計的「正負螺絲起子」跳脫工具箱的限制

Oregon-based designer Erdem Selek has turned the everyday screwdriver into a desktop ornament with the PlusMinus tool set, which he will showcase at Milan design week. PlusMinus is a minimalist take on the traditional screwdriver, with a ping-pong-bat shape devised to fit the hand. The designer intends it to be kept out on display rather than tidied away into a toolbox. "The object questions the affordances of screwdrivers and tries to find a form that is intuitive and visually in tune with our living spaces" said Selek. The paddle-shaped, polished stainless steel handles taper into Phillips #2 and 3/16-inch flat-bladed screwdrivers. Plus and minus signs are engraved into the handles to encourage the user to "instinctively unscrew or screw".

Milwaukee Introduces SHOCKWAVE Locking Bit Holders ▶▶▶▶

美國米瓦奇公司公司推出SHOCKWAVE鎖固式鑽頭座

During fastening applications, many users turn to a c-ring bit holder with an internal clip that holds the bit. Unfortunately, c-ring designs don't create as secure a lock as needed in certain applications. For years manufacturers have tried to solve that problem through an array of bit holder designs, but each came with trade-offs. Some sacrificed size for more magnetism, while others have created compact designs with a good amount of magnetic transfer but with less durability. Milwaukee says the new SHOCKWAVE™ Locking Bit Holders are the most durable and strongest locking bit holders – without the trade-offs.



Each Bit Holder's auto locking design allows it to fit all inserts and 1/4-in. hex bits. These new Bit Holders feature two magnets to maximize magnetic transfer and holding power to the fastener. Their smaller profile and a Quick Release Collar also provide for easy one-handed bit changes. Each provides up to 30x longer life and absorbs 3x more torque to prevent from breakage.

Legacy Manufacturing's Flexzilla Pro Mini Impact Wrench

美國Legacy Manufacturing公司推出Flexzilla Pro迷你衝擊式扳手

The wrench has a half-inch drive and is available as a standalone tool or as part of a kit. The wrench is 4.4 inches long, weighs 2.5 pounds and has a breakaway torque of up to 800 lb.-ft. to help provide capabilities in hard-to-reach areas. It has an ergonomic grip with a forward/reverse toggle switch and a



torque selector, all to facilitate one-hand operation. A variable speed trigger and three torque settings allow for more precise control for different applications. The handle exhaust directs air away from the user, while the built-in swivel allows the hose to rotate freely.

AutomationDirect Introduces New Wera Hand Tool Sets

美國AutomationDirect 公司推出新的Wera手工具套組



AutomationDirect has added 14 new assorted Wera tools including miniature and insulated screwdriver sets, a driver-bit set, metric and Imperial T-handle and L-key hexdriver sets, an impact driver set and adjustable torque screwdrivers and torque wrenches.

The Wera 17-piece 5/16-inch hex socket drive impact driver set includes impact driver, Phillips bits, slotted bit, hex bits, Torx bit, and square socket adapters. A 20-piece miniature driver bit set has a Micro ESD (electrostatic discharge) safe miniature screwdriver with slotted, Phillips, hex, Torx and 5 lobe bits. Also new are 8-piece Wera T-handle hexdriver sets in both imperial and metric sizes. The torque screwdriver kit includes three torque drivers (ranging from 2.5 to 55 in-lb) and 24 driver bits. Wera adjustable torque wrenches with reversible ratchets are available in four torque ranges from 1.5 to 150 lb-ft. and three drive sizes (1/4, 3/8, 1/2 inch).

Vampire Tools Expands Line of Tools with New Recessed Screw Extractor

美國Vampire Tools公司擴增產品陣容推出新的含溝槽螺絲專用取出器

Vampire Tools, creators of the powerful V a m P L I E R S T M screw extracting pliers have tightened their grip on the market with a brand-new offering: the RSE-60, or recessed screw extractor. With the ability to lock on to stripped fasteners, the RSE-60's innovative design delivers unprecedented extraction ability for recessed or countersunk M3, M4, and M5 screws.



Where the RSE differs from previous stripped screw extraction methods is in its simplicity. No power or drilling is necessary, and for normally stripped screws, a hammer isn't required. For heavily stripped fasteners, the RSE-60 also comes with an alternate specially designed bit. With a simple tap of a hammer, the bit digs in to make extraction a snap.

In addition to the two bits that the RSE-60 currently comes with, Vampire Tools is in the process of developing additional bits, which will make the extraction of other standard fasteners simpler.



東佑典實業股份有限公司(三芳)

TAIWAN NYLON WASHER CO., LTD.

台南市政安路19號 (和順工業區)
 1F, NO.19, CHENG AN RD., AN NAN DIST., TAINAN, TAIWAN
 TEL: 886-6-355 6607 886-6-251 9718 FAX: 886-6-355 7778
 E-mail: twnylon.washer@msa.hinet.net
 http://taiwannylonwasher.com.tw
 http://www.fastener-world.com.tw/twnylon





Main Products

- Nylon Washer
- Plastic Nut
- Flat Washer
- Rubber O-Ring
- Cap Nut
- Various Plastic Products
- Plastic Screw

主要產品

- 尼龍華司
- 塑膠螺帽
- 墊圈、戴帽
- 橡膠O型環
- 塑膠螺絲
- 各類塑膠橡膠製品