

Hardware & Tools Innovation Avenue

五金暨手工工具新品大道



Snap-on® Proudly Introduces New, Completely Reimagined Flank Drive® Xtra (FDX™) Socket System

美國Snap-on®發表改良款 Flank Drive®
Xtra (FDX™) 螺絲套筒

In its continued tradition of providing technicians with reliable tools that improve productivity and mechanical prowess in the shop, Snap-on is introducing its new Flank Drive Xtra (FDX) socket system. The first redesigned Snap-on socket since the patented Flank Drive system developed in 1965, the FDX takes the brand's innovative socket and makes it even better, offering more turning power, a more secure fastener engagement and greater efficiency.

“Snap-on has taken its genius, often imitated Flank Drive design and completely reimagined a new, improved socket that delivers even better performance than before,” said Brian Benes, a Snap-on Tools product manager. “We’re proud to take everyday shop tools and turn them into revolutionary, time-saving solutions, and the FDX is just one example of Snap-on raising the bar.”

Five standout benefits make the FDX unique from any other sets of six-point sockets:

- 1) Small but mighty: in an improved design that grips fasteners further off the corners, the FDX offers up to 25 percent more strength than Flank Drive® sockets.
- 2) Rounded corner, no problem: with its angled contour, the socket wall grips damaged fasteners more closely for 50 percent more turning power.
- 3) Upgraded shape: an optimally chamfered lip on both the hex and drive ends of the socket allows for a better grip and more turning power, especially for shallow-headed fasteners and fasteners with limited top clearance.
- 4) Efficiently engineered: FDX sockets feature grooved, grippable outer walls, a unique design feature that makes them easier to remove.
- 5) Easily identified: easier identification and improved readability are both achieved through large, distinctive markings on the socket exterior.

Japanese Tohnichi Rolls out WIFI- enabled Torque Wrench

日本東日製作所推出搭載無線WIFI連線機能的扭力扳手



CEM3-WF wireless torque wrench developed by Tohnichi can communicate under 2.4/5GHz IEEE802.11 wireless network with a wide communication range up to 50 meters. It supports 8 fastening modes and has a torque range of 2~850Nm. It launched sales starting October 21. With wireless connection, large factories can use multiple torque wrenches and manage real-time fastening data.

Japanese Tohnichi Rolls out Water-resistant Torque Wrench

日本東日製作所開發出防水扭力扳手



Tohnichi Mfg. Co., Ltd successfully developed "CLWP series water-resistant torque wrench" which in the stained state can be cleaned through water. The head of the wrench is replaceable. The series includes 6 models with adjustable torque range within 5-200Nm and fastenable screw size ranging from M6 to M18. The series was launched for sale starting from June 21, 2018.

1. Most suitable for construction and infrastructure applications where sands, dust and dirt water are expected.
2. IP55/IP57 grade water and dust resistance powered by high anti-corrosion heat treatment.
3. The wrench head is replaceable for multiple fastening applications.

Market Launch of the BECK LignoLoc® F60 System 奧地利 BECK發表全新 LignoLoc® F60系列釘槍

On 1 December 2018, the BECK Fastener Group from Austria will make the market launch of the further development of the award-winning LignoLoc® wood nail system. The new F60 system offers larger dimensions, better pull-out and shear values and more possibilities for ecological timber construction.

One year after the market launch of LignoLoc®, the first collated wooden nail, BECK presents the further development of the innovation product. The system consists of the F60 LignoLoc® pneumatic nailer and beech wood nails with a length of 45 to 90 mm in diameters of 4.7 and 5.3 mm.



Especially the ecological wooden house construction benefits from the new dimensions due to new metal-free fastening options, for example for prefabrication of the laminated timber ceilings or in the production of solid wood wall systems.

Floating Clamps with a Compact Design by Halder

德國Halder發表精巧設計型浮動緊固夾件工具

Every single day workers have to deal with spatial constraints caused by the machine, the component, and even the fixture while clamping workpieces. This handicap can quickly turn into a challenge when the task is to clamp complex components. The floating clamps made by Erwin Halder KG are uniquely suited to handle additional clamping points and clamp components that are extra thin and particularly sensitive to bending. The new compact design of these products makes them a superb choice for work in limited space.



Simpson Strong-Tie® Quik Stik™ Fastening Tool Reduces Worker Fatigue and Increases Productivity

美國Simpson Strong-Tie® Quik Stik™緊固工具協助減低工人疲勞並增加生產力

Simpson Strong-Tie, the leader in engineered structural connectors and building solutions, has introduced the Quik Stik rafter and truss fastening system, a new solution for overhead fastening designed to reduce the risk of construction work-related injuries while boosting jobsite efficiencies, with speedier and more accurate fastening of rafter and truss assemblies.



With a reach exceeding 43", the Quik Stik installation tool can eliminate the need for ladders and replace heavy pneumatic power nailers and compressor lines and the jobsite hazards and injuries they pose. Simply attach the Quik Stik to any corded or cordless drill or impact driver, load a Strong-Drive® SDWC Truss screw into the Quik Stik head, and drive the screw quickly, accurately, and easily.

Features and benefits of the Quik Stik fastening system include the following:

- Fast installation with the ability to drive screws overhead from a standing position without the need for ladders
- Enhanced job safety via rafter or truss fastening from inside the structure
- Operational simplicity to enable less experienced users to work more quickly and efficiently
- Built-in angle guidelines and a detachable bubble level to help ensure proper screw installation angles
- Designed for use with any drill motor or impact driver

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Brass | Iron | Aluminum |
Stainless Steel |
Plastic

DEWALT® Debuts TOOL CONNECT™ 20V MAX* XR® 1/2" Mid-Range Impact Wrench

美國DEWALT® 發表支援TOOL CONNECT™工具無線連結系統的中階 20V MAX* XR® 1/2"衝擊扳手



DEWALT adds to its growing line of 20V MAX* tools with the XR® 1/2" Mid-Range Impact Wrench featuring the TOOL CONNECT™ system (DCF896). The TOOL CONNECT™ system allows for tool control through its PRECISION WRENCH™ and PRECISION TAP™ control features, as well as a variety of additional customizable settings within the TOOL CONNECT™ app.

The TOOL CONNECT™ 20V MAX* XR® 1/2" Mid-Range Impact Wrench achieves 0-2000 RPM, 3100 impacts per minute, and a maximum torque of 330 ft.-lbs. in forward and 600 ft.-lbs. in reverse. At only 6.95" in length and 3.48 lbs. (tool only), it's a compact choice available in both Hog Ring and Detent Pin configurations. This wrench also features an efficient brushless motor, variable speed trigger, convenient belt clip, and bright LED for illuminating low-lit work areas.



German Stahlwille Releases New 1/4" Mini Fine-tooth Ratchets

德國Stahlwille新推出1/4英寸迷你型細牙棘輪扳手

The STAHLWILLE family of fine-tooth ratchets continues to grow: with the 1/4" 418QR mini fine-tooth ratchet and the 1/4" 418B mini fine-tooth bit ratchet.

Space-saving. Perfectly suited for tight spaces where manageability and efficiency are essential requirements. The mini bit ratchet features a slim, compact shape without a 2-component grip and the special STAHLWILLE mechanism with 80 teeth. This guarantees a tiny ratchet angle of only 4.5°.

Eight teeth. And as you work, no less than eight teeth are engaging simultaneously. Despite the compact dimensions, this enables extremely high power transmission without damaging the mechanical systems.

Ergonomically designed. Even without the 2-component grip, the mini fine-tooth ratchets with their steel handles are safe and comfortable to hold, ensuring strain-free working.

CNC Auto Lathe

Major Products: Fiber-optic Telecommunications Equipment, Hydraulic/Pneumatic Components, Shafts, Mechanic Components, Electronic Components, Wire-cutting, Housing, Computer Connectors, Auto/Motorcycle Parts, Radio Wave Launchers, Radio Frequency Generators
Materials: Phosphor Bronze, Aluminum, Copper Beryllium, Free Cutting Copper, Stainless Steel

.SMA	BNG
.SMB/SMC	TNC
.MCX	1.0/2.3
.MMCX	1.6/5.6
.N	7/16



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