

Hardware & Tools Innovation Alley

compiled by Fastener World

五金暨手工工具新品大道

Bülte Launches The “SF” Range

The range of levelling/adjustable feet has recently been extended with the “adjustable feet SF” range. The product is composed of a round base (various diameter available) and a hexagon shaped base above the foot. These new adjustable feet have been introduced to the market at the beginning of February 2019. This new range of adjustable feet is fully in Nylon, both the threaded part and the feet, contrary to the levelling feet usually available on the market that are more of a mix between metal and plastic.

In comparison with the metal-plastic combined products, Nylon offers various advantages; it is lighter, cheaper, and easier to recycle. It does not conduct electricity and is also not subject to corrosion. Polyamide thus allows the use of our “adjustable feet SF” in areas subject to corrosion which, for reasons of hygiene or for specific regulations, require materials resistant to it.

The hex end in the base allows for fastening with a spanner. The nylon base, available in 4 different diameters, provides a smooth non-abrasive surface that protects floors. The adjustable

feet then allows adjustment under load. This item is ideal for spanner height adjustable when the product is in application. The adjustable feet with a hex end is an excellent solution for the levelling and height adjustment of a piece of furniture, machinery or general appliance. The hexagon which can be found at the top of the thread can be used for adjusting the height of the feet from above the foot, without having to remove it from the application they are attached to. They are easy to install without specific tools and make sure your work surfaces are both even and secure.

In terms of design, the standard colour of the “adjustable feet SF” is black nylon. But as Polyamide can be colored as one wishes, according to the RAL chart, the “adjustable feet SF” range will be in line with every kind of industrial application, whatever their color might be.



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Stanley 60-Volt Cordless Nutrunner

STANLEY Assembly Technologies, a brand of STANLEY Engineered Fastening, is extending its B-Series cordless tool line to include the B44L angle-lever cordless nutrunner. Thanks to its 60-volt DEWALT® FLEXVOLT™ battery, the B44L is the most powerful cordless nutrunner available to the assembly market.

For added convenience, the B44L can store data for up to 500 fastening cycles and two trace sequences. It also has a built-in controller with wireless capability. This allows seamless

integration with the plant's existing communications system.

The B44L is available in four models with speed ratings from 243 to 573 rpm and maximum torque ranges of 55 to 120 Nm. The 1/2" drive is also offered in square, double-ended and flush socket configurations.



Chicago Pneumatic CP7748 Impact Wrench

Chicago Pneumatic has introduced a new powerful 1/2" impact wrench for vehicle service specialists. Built upon the heritage of the successful previous model, the CP7748 has been designed to offer operators unparalleled levels of power, comfort and durability and is suitable for workshop or roadside assistance tasks such as tire changing.

Weighing in at just 4.4 lbs (2 kg) and delivering 960 ft. lbs (1,300 Nm) of power in reverse, the CP7748 impact wrench provides a high power-to-weight ratio.

At the heart of the design is an innovative forward/reverse and power control set up based on a ring system, which is more ergonomic than controls on the back of the tool. Users can either change direction by pushing buttons easily with one hand, or simply by turning the ring from anywhere around the tool. The CP7748 also offers two different



settings in the forward position (40 per cent of maximum power and full power) and a full power setting in reverse. This ring system facilitates the use of the CP7748 in tight places without having to remove the tool to change direction.

The CP7748 can comfortably be used in confined spaces since it is compact. The tool measures only 6.89 inches (175 mm) in length.

Chicago Pneumatic has designed the new impact wrench with durability in mind. Featuring a hard chromium aluminum cylinder that surrounds the motor and twin hammer mechanism, the CP7748 wrench delivers optimum performance in the toughest operating environment.

The CP7748 is also available in 2" anvil.



Lobtex Hybrid Adjustable Angle Wrench X

Advanced function I: “90th anniversary laser marking (PAT). Advanced function II: “G-LESS (loose grip prevention) mechanism” (PAT).

The G-LESS mechanism minimizes any loosening in this direction, resulting in improved ease of use.

Advanced function III: “X-DRIVE”

Thanks to the stress relief structure, the new “X-DRIVE” disperses more stress applied to the edges than the conventional tools. Thus, the X-DRIVE can easily apply torque, enabling stable tightening and

loosing work, without collapsing the edges.

Advanced function IV: B-Less (backlash-free) mechanism.

The lower jaw rack is sandwiched by “Worm A” and “Worm B” to the point that there is no gapping.

Advanced function V: RFH (Round form handle).

The newly shaped (round) handle easily fits the hand.

Tohnichi Mistake-proofing Torque Wrench

The CSPFHW series wireless torque wrench can detect if the user forgets he or she has tightened a fastener and is trying to re-tighten it. This product comes with no torque sensor but instead comes with the unique ability to check for repeated tightening.



- Repeated tightening on an already tightened bolt or nut would be regarded by the wrench as a repetition and the red NG lamp would turn on.
- This wireless wrench operates in conjunction with a signal receptor, configuration box, and multi-port box.
- 7-digit English and numeric characters and a 3-digit ID can be set for the wrench to trace its usage data.
- The battery can sustain through over 150 thousand times of use. In the case of fastening 3600 pieces of fastener per day, the battery can be used for over two months.
- The wrench head can be exchanged for a ratchet head and other head types for compatibility with various fastening operations.

"The Better Bit" From ICCONS

The dynamic Australian owned and operated construction supplies wholesaler dedicated to supporting the independent distribution channel with an extensive range of products, ICCONS, has recently introduced a new product called "The Better Bit." This is a decking bit that can cover 8, 10, and 12 gauge decking

screws and whose control collet can be simply adjusted to set the countersink depth. According to ICCONS, this new bit is perfectly suited for applications in carpentry, woodworking, furniture making, deck building, DIY construction, etc.



'Dios' Thread Rolling Dies by Sanmei

High-hardness screws for their reduced weight are increasingly used on car engines and other safety critical components. Therefore, wear of dies has become a task to tackle with. To cope with that, Sanmei Works developed "Dios", a thread rolling die widely adopted by carmakers. The sales of this product in the latest 12-month period grew 50% year on year. "Dios" is for forming threads of high-hardness screws which are made of stainless steel or other materials or have been heat treated. Its forming capacity reaches 50-90 thousand pieces and its service life is more than 200% longer.



Sanmei Works is a thread rolling machine maker representing 50% of market shares in Japan. Its revenues in the latest 12-month period reached JPY 2 billion. As a product under the company's diversified business, Dios represents 10% of the total revenues. In the future the company will raise the proportion of the dies business.

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AIR DUATOOL, AIR BLOW GUN series



Made from High-quality aluminum alloy and can be fixed, connected, and lock on the machine or solid parts.

Recommended air compression: Min. 0.75 km (1HP)~Max. 10HP
Recommended air pressure: Min. 90 PSI (6.3kg / cm²)~Max. 240PSI
They can be used for cooling, drying, vacuum, blowing dust, cleaning and transport of materials.

Fit for:

1. CNC precision lathe cleaning system
2. Fine powder conveyance
3. Liquid pumping
4. Iron dust or crushed glass cleaning
5. Cotton mill cleaning system

powder, poly foam, plastics conveyance

patented
NO. M416501
NO. M489022

High pressure use



WS-500

L - W - H 250-250-100mm
Weight:2.5kg
Inner Diameter:50mm



WS-400

L - W - H 190-190-70mm
Weight:1kg
Inner Diameter:40mm



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