

Winners of Reddot, iF Design, and Taiwan Excellence Awards 2026



2026紅點設計獎、iF設計獎、
台灣精品獎得主

Compiled by Fastener World



Chair Castor DE-SERIES

The DE-SERIES chair castors combine smooth rolling performance with integrated electrical conductivity, meeting the specific requirements of laboratories and medical facilities. Their internal structure incorporates a slot for iron wires that serve as a conduction pathway. Electrical charge is safely transferred through the metal shaft and dissipated via the conductive material of the outer wheels. By minimising the amount of conductive material used, the castors maintain both dimensional stability and flexibility.

Manufacturer: Jenpjou Enterprise Co., Ltd., Taiwan



Fanttik 3.7V Electric Screwdriver S2 Pro

This home electric screwdriver transforms screw fastening from a chore into a smooth, precise, and one-stop experience. Through systematic innovation, it solves core user pains—not by stacking specs, but via electromechanical torque control for accuracy, integrated design for convenience, and advanced interaction and aesthetics for emotional appeal. It redefines home assembly and repair as a more effortless, confident, and orderly modern lifestyle.

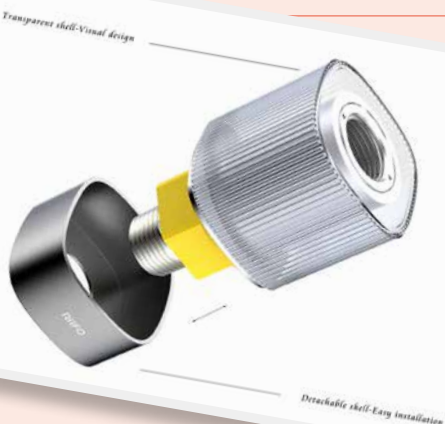
Manufacturer: Shenzhen Fanttik Technology Innovation Co., Ltd., China



David Gas electricity-insulating Pipe Fittings

David is a gas-insulated pipe fitting product, and its application scene is mainly located at the joint between the gas water heater and the pipeline. The main function of this product is to make the voltage at the joint end of the gas corrugated pipe zero when the water heater has a leakage accident, so as to avoid the gas safety accident caused by the electric spark caused by the leakage of the gas corrugated pipe. At the same time, the mixed use of transparent materials and lights makes the alert prompt more obvious and quick. It also better meets the needs of users and enhances the product experience.

Manufacturer: Rifeng Enterprise Group Co., Ltd, China





CoreCap - BTI-166 Bicycle valve

Stop struggling with Presta's fragility and the "ridiculous to-do list". CoreCap is engineered to remove the flaws. For tubeless performance, the "big ball valve" generates 300% flow, making seating the bead a "breeze". This high flow and an anti-clogging design eliminates the "mess and all the effort for nothing" with no unscrewing cores anymore. For ebike/commuter ease of use, it provides full Schrader pump compatibility, meaning no adapter needed. This durable, toolless design delivers the simplicity and reliability valued by urban users, fixing Presta's physical weakness.

Manufacturer: BBB Cycling, The Hague, NL

HOTO PivotDrive Cordless Screwdriver

The PivotDrive is a versatile household tool, designed specifically for narrow and hard-to-reach spaces. Its unique 90° pivot design allows effortless switching between straight and pistol grip modes, ensuring comfort across different scenarios. The innovative biased axis structure eliminates blind spots at corners, enabling precise screwdriving even close to walls and frames. Equipped with torque adjustment across seven levels, it handles everything from delicate electronics to demanding wooden joints, with real-time values displayed on an integrated LCD. A pressure-sensitive trigger provides precise low-speed and powerful high-speed.



HOTO PixelDrive Cordless Screwdriver

The HOTO 4V PixelDrive Cordless Screwdriver delivers precision fastening through precise torque control (0.5–6.0Nm) and an intuitive dot-matrix display for real-time battery/torque monitoring. Its dual-stage trigger enables gentle starts (100RPM) or rapid driving (250RPM), while an auto-illuminating LED ensures visibility in confined spaces. The modular 3-layer case organizes 30 corrosion-resistant bits, eliminating clutter. Tailored for tasks from electronics repair to furniture assembly, its compact cylindrical form with ergonomic textured grip reduces hand fatigue, and elevates DIY into a seamless experience.

Manufacturer: Shanghai HOTO Technology Co., Ltd., China



CONU Kegelmutter Conical Nut, Taper Nut, Screw Nut

The CONU® cone nut revolutionizes fastening technology. Its conical shape with a larger angle creates a unique self-locking and self-countering effect, without extra components. It forms a flat, clean surface that enhances safety, aesthetics, and aerodynamics. Easy to mount, vibration-proof, and as strong as traditional nuts. CONU® proves that even a nut can embody design – flat, safe, strong.

Manufacturer: F. REYHER Nchfg. GmbH & Co. KG, Germany





OLYM Casters

The OLYM Series casters are specifically designed for seamless integration with tubular trolleys. The hollow single-wheel construction not only enhances load-bearing capacity but also gives the product a sleek and streamlined appearance, optimizing spatial collaboration and flexibility. The customizable color options cater to the diverse needs of users and environments, allowing each trolley to showcase its unique style.

Manufacturer: Robby Technology (Zhongshan) Co., Ltd., China

Adjustable Super Duty Air Ratchet Wrench

This product embodies INNOVALUE by pioneering a tool-free $\pm 40^\circ$ angle adjustment mechanism, surpassing conventional 30° limits and eliminating the need for external tools. This breakthrough directly addresses a common pain point in narrow-space operations, offering both flexibility and safety. Ergonomic design with balanced weight and anti-slip grip enhances user comfort, while rear exhaust and dustproof features reduce environmental interference. Through precision casting and lifecycle-focused engineering, the product also supports sustainability and durability. It not only innovates in function but delivers tangible value to professional users in automotive, aerospace, and industrial fields.

Manufacturer: KUANI GEAR CO., LTD., Taiwan



Delta Smart Screwdriving System SD3 Series

A high-precision screwdriving tool integrating servo motor control, real-time torque sensing, and intelligent software. Engineered for demanding applications in electrical and automotive electronics, it delivers fastening accuracy, quality assurance, and operational efficiency.

Key features include:

1. Real-time torque and angle monitoring to prevent screwdriving errors.
2. Multi-axis synchronized screwdriving boosts productivity and product alignment.
3. Supports data upload and traceability to reduce human error and ensure consistent quality.
4. Provides 3 modular designs: straight, right-angle, and telescopic options.
5. Smart Screwdrivers apply lightweight matte black metal housing with laser-engraved branding for durability and design.
6. Ergonomic anti-slip rubber grip enhances operational stability and safety.

Manufacturer: DELTA ELECTRONICS, INC., Taiwan



XRW101 Mini Stubby Ratchet Wrench

XRW101 delivers high performance and innovation in a compact, durable electric manual ratchet wrench. Delivering 320 RPM and 62 Nm of torque, it enhances fastening efficiency by up to 20 times, significantly reducing operation time. The USB-C fast-charging system offers quick and convenient power with minimal downtime. Engineered with premium motors, precision gear sets, and a patented anti-loosening jaw, the XRW101 ensures outstanding durability and a long service life. Its soft-grip body offers anti-slip protection and shock absorption for stable, comfortable operation during extended use. Weighing only 0.5 kg and measuring 220 mm, it is the world's smallest electric + manual ratchet wrench. Additional features include built-in LED lighting, a forward/reverse switch, and a trigger lock for safe, intuitive control. Eco-friendly materials and a modular design further enhance user experience and support sustainable manufacturing. 

Manufacturer: BASSO INDUSTRY CORP., Taiwan

