



THE UK'S LEADING SUPPLIER OF  
**FASTENING  
AND ASSEMBLY  
SOLUTIONS**



***Finding the right solutions for you***

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# Zygology is the UK's leading supplier of fastening and assembly solutions.



As an engineering product specialist with over **40 years' experience** supplying high-quality fastener and assembly systems produced by leading manufacturers, our expertise and ability allow us to cater to our customers' requirements.

We work with **leading organisations** across a wide variety of industries including **automotive, marine, security** and **electronics**.

## THE UK'S LEADING SOLUTIONS SUPPLIER

Supplying assembly systems and fastening solutions.

## CROSS-SECTOR EXPERIENCE

Working with a range of suppliers to find the right product/service for you.

## COMPREHENSIVE SERVICE DELIVERY

Tailored solutions for cheaper acquisition and assembly costs.

Our brands include:

**southco**<sup>®</sup>

**STANLEY**<sup>®</sup>  
Engineered Fastening

**PEM** PennEngineering<sup>®</sup>

**QONNECT**

**Spiralock**<sup>®</sup>

**ZYGOLOGY**<sup>®</sup>  
ProGrip Rivet Nuts

*“Zygology has time and again helped us to adhere to our production schedule giving us a fast turnaround and making sure we always have what we need.”*

## SERVICES THAT GO ABOVE AND BEYOND

### Engineering design & consultancy

At **Zygology**, we are more than just a ‘middleman’ supplier – we provide a range of comprehensive services designed to maximise your project’s potential.

Our fully-equipped **demonstration room** helps you research and test various tools and fasteners in our catalogue. Bring your own materials and our experts will help you design and craft a fully assembled sample.

**FIND THE RIGHT  
FASTENER OR  
ASSEMBLY SOLUTION  
FOR YOUR DESIGN.**

**GET THE MOST  
COST-EFFECTIVE  
SOLUTION FOR YOUR  
APPLICATION.**

**REDUCE COSTS AND  
MAXIMISE PROFITS  
WITH EXPERT  
CONSULTANCY.**

**GET IN TOUCH AND ONE OF OUR EXPERTS WILL FIND THE RIGHT SOLUTION.**

*We even help source practical alternatives if parts are no longer in production.*



**CONTACT US**

**0808 123 1221 or email us at [sales@zygology.com](mailto:sales@zygology.com)**

# FASTENERS AND ASSEMBLY SOLUTIONS

southco®

## Electronic Access Solution

- Concealed, controlled, and secure access
- Vandal resistant
- Remote monitoring and operation
- Rotary, Pawl and multipoint options available
- Low-voltage operation
- Simple to integrate
- Plug and go



## Compression Latches

- Eliminate noise and rattle
- Compress gasket for environmental or EMI/RFI sealing
- Key and tool access options available
- Vice action, lift and turn lever latches with fixed or adjustable grip



## DZUS Quarter-Turn Fasteners and Captive Screws

- Provide fast access
- Suitable for high-frequency, repeated access applications
- Captive to panel – no lost hardware
- Various types and styles available
- Vibration resistant



# For over 70 years, Southco has helped the world's most recognised brands create value for their customers.

Their innovative access solutions are designed to enhance the touchpoints of their products in transportation and industrial applications, medical equipment, data centres and more.

## Draw Latches

- For co-planar and off-plane applications
- Eliminate rattles and compress gaskets
- Various sizes, styles and materials available



## Hinges and Position Control Devices

- Added functionality – position control and removal capability
- Concealed and surface mount
- Eliminate gas struts from your assembly



## Rotary Latch Systems

- Highly secure push to close latching
- Actuator and latch can be located independently
- Improved security with limited access to the latch and keeper
- Single and dual point systems easily designed and assembled
- Large range of actuator styles available – including stainless steel for use in marine and off-highway applications



# FASTENERS AND ASSEMBLY SOLUTIONS

# QONNECT

## Q-Blind Rivets

- Time and cost-saving installation
- Versatile and able to be used in all types of assembly
- Various head styles, sizes and materials available
- 3 - 6.4mm diameter



## Q-Rivet Nuts

- Hand or power tool assembly
- Various materials and body styles available
- M3 - M12 thread sizes



## Q-Power Structural Rivets

- High strength designed for heavy-duty applications
- Vibration resistant
- Various grip types and sizes available
- Up to 6.4mm diameter



## Q-Split Nut

- High strength, wide grip rivet nut
- Suitable for plastics, composites and thin sheet metals
- M6 - M10 thread sizes



## Q-Rivets with Special Features

- Designed to solve particular assembly problems
- Able to be used for joining less straightforward processes and less prevalent materials
- Various sizes available



## Q-Bolt Rivet Nut Studs

- Used in all thin sheet metals including box and round tube sections
- Various lengths available
- M4 - M8 thread sizes



# Qonnect has always been focused on the best available techniques for blind fastening.

It is deep rooted in their philosophy that their products should always deliver on their main purpose: **to connect**. C-parts must be the most reliable section in any production chain and application.

**Zygology** is the exclusive UK partner and distributor for **Qonnect** and their **Q range** of fasteners. We can supply a wide range of fasteners and installation tools with next-day delivery, in the quantities you need.

## Q-Rub Nuts

- Quick installation on a variety of materials
- Vibration resistant
- Various lengths and sizes available
- No tooling required
- M3 - M12 thread sizes



## Q-Fold Nut

- Designed for assembly line use in thin, soft, or brittle materials
- Permanent, reusable thread
- Hand or power tool assembly
- M4 - M8 thread sizes



## Q-Rivet and Rivet Nuts Kits

- Engineer kits for both tradesmen and hobbyists
- L-BOXX compatible cases



# NEW

## Q-wall



This 'Point of Sale' wall shows and demonstrates all Qonnect® products and ranges in a branded display. The middle shelf can be utilised for presentation and demonstration.

With this set-up you will instantly add a representative assortment of Qonnect® products to your sales-floor. Create a complete brand experience for your customers!

# FASTENERS AND ASSEMBLY SOLUTIONS



## Self-Clinching Fasteners

- Resistant to torque and push-out loads
- Available as nuts, studs, stand-offs, cable ties, panel fasteners and rivets
- Enhance cosmetic appearance and performance of any application
- Various materials including bronze and hardened stainless steel available
- Metric imperial threads



## SpotFast Sheet Joining Fasteners

- Rivet metal to metal or metal to PCB/plastics
- Flush sides for smooth joints
- Steel or stainless steel available



## Panel Fasteners

- Usable where quick access or captive fasteners are required
- Hand or power tool assembly
- Self-clinching, flare-in, floating, broaching and surface mounts available
- Various materials and styles available
- No loose parts to go missing



## TY/TD Cable Ties and Hooks

- Installed by self-clinching into metal panels or surface mounts onto PCBs
- Secure attachment points for mounting wires to circuit boards or enclosures
- Allow cables to slide through cavities for securing to PCBs
- Flexibility to press a cable in situ on a board
- Will not come loose like stick-on cable mounts





# PennEngineering has evolved from a family-owned business to a global leader.

They provide mechanically attached fasteners, installation equipment and component solutions across several markets, including automotive, consumer electronics, datacom and telecom, electric vehicles and industrial.

Zygology is the UK partner and distributor for PEM Assembly. We can supply a wide range of fasteners and installation tools with next-day delivery, in the quantities you need.

## Broaching and Surface Mount Fasteners for PCBs

- Various types of fasteners including nuts, studs, standoffs and panel fasteners available
- PEM electronic fasteners can be installed by pressing (broaching) or with supplied tape and reel for surface mount installation
- A variety of materials including steel, stainless steel, aluminium, phosphor and bronze available
- M2 - M4 thread sizes



## Inserts for Plastics

- Provide strong and durable metal threads for plastic joinery with frequent assembly/disassembly
- Ultrasonic tooling, heat staking, moulded or pressed in installation
- Through thread or closed end available
- Various materials available
- M2.5 - M8 thread sizes



## Micro PEM

- For use in very small assemblies (mobile phones, tablets etc.)
- Thread sizes down to M0.5
- Suitable with most used metals and plastics
- Threaded inserts, standoffs, tack pins and press-in removable screws available



## Weld Nuts

- Provide secure, strong thread in sheet materials
- Superior location and clean welds
- No re-tapping
- Works with standard spot welding equipment
- No clean up after installation



# FASTENERS AND ASSEMBLY SOLUTIONS

**STANLEY**  
Engineered Fastening

## Breakstem Rivet Systems

- Highly versatile and simple to install
- Functional for poorly prepared holes and varying metal thickness
- Automated installation for large-scale production
- Suitable for most metals, plastics, composites, woods and combined materials
- Various placing tools available
- Various sizes and materials available



## Speed Fasteners

- Cartridge-fed rivet system
- Suitable for metals, plastics, metal to wood and electronic assembly
- Repeatable results in every installation
- Variety of sizes and designs available



## Structural Breakstem Fasteners

- High shear and tensile performance
- Excellent hole fill and clamp-up
- Multi-grip and vibration resistant
- Heavy-duty assembly components in hi-stress applications
- Various materials and styles available



## Earth Tab (POP Avdel)

- Create earthing connection up to 240 volts
- Attach spade connectors to sheet metal panels
- Various sizes and materials available



## Avseal Sealing Plugs

- Cost-effective sealing off cross drillings in metal castings
- Ideal for low- or high-pressure hydraulic applications
- Permanently installed in seconds
- From 4mm diameter



## Nutserts

- High-quality, load bearing female threads
- Used with thin sheet metal material, box sections and tubing
- Don't damage surface
- Pull-out and push-out pressure resistant
- M3 - M12 thread sizes



# Stanley has been revolutionising fastening assembly technologies for almost 100 years.

With their rich history and success, they continue to inspire and manufacture some of the world's most advanced fastening assembly solutions.

Their brand encompasses industry-leading brands such as Avdel, POP, POPmfx, POPAvdel, Spirallock and Stanley Engineered Fastening Solutions.

## Jack Nuts

- Threaded insert
- Blind fastener
- Designed for assembly-line use
- Permanent, reusable threaded insert
- M4 - M6 thread sizes



## Versanuts

- High strength, wide grip threaded inserts
- Suited for plastics, composites and thin sheet materials
- Load spreading flanges
- Pull-out, high and high-torque resistant
- M4 - M8 thread sizes



## Lock Bolts

- Two-part fasteners providing secure, vibration-resistant and tamper-proof alternative to conventional nuts and bolts
- Fast, permanent assembly of heavy-duty components with repeatable results
- High shear and tensile performance



## Self-locking nut (Spirallock)

- Self-locking female thread with 30-degree wedge ramp
- Free spinning
- Reusable
- Vibration and load-bearing resistant



## Avdel® NeoBolt® Lockbolts

- Unique two-piece fastener system featuring locking grooves for added strength and vibration resistance
- No pin break, metal waste, installation shock or corrosion at the pin break surface
- Variety of sizes and lengths available



## QONNECT Rivet Q-Installation Tools

### Q-Tool L64XL Battery Driven Riveting Tool

- Compatible with 2.4-6.4mm rivets
- Plus structural rivets such as Monobolts and M-Power rivets



### Pull-Link AS-1 - AS-3 Pneumatic Riveting Tool Series

- Efficient air power tools
- High volume assembly
- Compatible with 3.0-6.44mm rivets



### Q-Tool R64 Riveting Hand Tool

- Long arm manual installation tool
- Compatible with 3.0-6.4mm in all materials
- Installation of larger rivets made easier



### Q-Tool R64PT Blind Rivet Hand Tool

- Heavy duty
- Easy installation of large rivets up to 6.4mm in all materials



### Q-Tool R64LT Lazy Tong Rivet Tool

- Compatible up to 6.4mm rivets
- Quick and easy manual installation



### Q-Tool R50 Hand Rivet Plier

- Spring clip to keep tool closed when not in use
- Compatible with 2.4-5.0mm rivets



## QONNECT Q Rivet Nut and Rivet Stud Tooling

### Q-Tool N12XL Battery Driven Rivet Nut Tool

- Battery powered with class-leading features
- Compatible with M3-M12 rivet nuts
- Automatic triggerless setting



### Pull-Link AS4 Pneumatic Rivet Nut Tool

- Compact air blind rivet nut tool
- Suited for large size blind rivets
- Compatible with M5-M12 rivet nuts



### AS12-PC Pneumatic Rivet Nut Tool

- Powerful air tool
- Capacity M4-M12 rivet nuts
- Pressure setting tool



### Q-Tool N12 Rivet Nut Tool

- Compact and heavy duty
- Built-in ratchet mechanism
- Easy installation of large sized inserts



### Q-Tool N12PT Blind Rivet Nut Tool

- Heavy duty
- Long arm manual installation
- Compatible with M4-M12 rivet nuts



### Q-Tool N10 Long Arm Rivet Nut Tool/Boxed

- Installation for larger rivet nuts
- Compatible with M5-M8 rivet nuts



# Trusted and dependable, whatever the job.

Qonnect and Stanley have been developing tools for decades. This range of battery-driven, pneumatic and hand tools are designed and built to perform.

## Q-Tool N10S Long Arm Rivet Nut Tool/Boxed

- Threaded spindle for even faster assembly
- Compatible with M5-M8 rivet nuts



## Q-Tool N6 Riveting Hand Tool

- Entry level rivet nut / bolt tool
- Compatible with M3-M6 rivet nuts and M4-M6 rivet bolts



## Q-Tool R50 Riveting Hand Tool

- Entry level rivet tool
- Compatible with 2.4 - 5mm blind rivets and 3-5mm nosepieces



## Q-Tool P12XL Battery Rivet Nut Tool

- Converts pre-drilled holes for hex body rivet nuts
- Suitable for materials up to 5.0mm thick
- For threads M4 to M8



**STANLEY**  
Engineered Fastening

## Assembly Technologies Installation Tools

### ProSet XT Air Rivet and Lockbolt Series

- Models 1-4
- Suitable for all
- Pneumatic and hydraulic powered
- Compact and lightweight



### ProSet PB2500 Rivet Tool

- High-end battery tool
- Cordless for improved mobility
- 3.2 - 5.0mm rivets



### ProSet PB3400 Battery Powered Tool

- Battery tool
- Powerful high specification
- 6.4mm rivets and structural fasteners



### NB08PT-18 Stanley Battery Powered Nut Tool

- Ergonomic design
- M3-M10 rivet compatible
- Digital screen for tool setting and data storage



### ProSet XTN20 Rivet Nut Tool

- High speed blind rivet nut installation
- Pull-to-stroke and pull-to-force settings
- Lightweight for ease of use



### Avdel 74200 Nutsert Air Tool

- Spin-pull functionality
- Threaded insert compatible
- Capable of placing aluminium, steel and stainless steel inserts up to M12



### Avdel 7537 Speed Rivet Air Tool

- Standard 753 nose equipment
- Ergonomic design, lightweight tool
- Toughened plastic body and heavy duty rubber base



### SB25PT-05 Rivet Battery Tool

- Installs 800 Steel 3/16" NeoSpeed fasteners with a single charge
- Longer barrel design improves accessibility to narrower spaces



### 07530 MkII Speed Tool with Mechanical Cursor

- High-performance, hydropneumatic hand tool
- Can fit 1500 fasteners p/h
- Extensive range of options to meet individual assembly needs



### Avdel 73200 Lockbolt Air Tool

- Air powered lockbolt tool
- Installs lockbolts up to 10mm diameter and Avseal plugs up to 16mm diameter



# SERVICES

As an authorised tool service centre for **Stanley and Qonnect**, we offer a comprehensive range of products to meet the needs of whatever project you're working on.

## TOOL REPAIR AND SERVICE

With a three-month warranty on all servicing and repairs from the date of invoice, you can be confident our fully-trained service engineers will provide a high-quality and responsive service.



## SERVICE YOUR OWN TOOLS

Our extensive range of spare parts is readily available for next-day delivery. Additionally, we provide an extensive list of Advel, POP, Masterfix and Qonnect tool manuals you can download to keep your tools at their best.



## TOOL HIRE

Our short- and long-term hire services are the perfect solution, whether you're working a one-off contract or needing to address sudden production capacity needs.



## SIMPLE BIN STOCKING SYSTEM

At Zygology, we can offer a simple, self-managed stock management solution. It has a low cost to implement, and is suited to companies that would like a stock management system, but don't want to commit to a full blown JIT system. Our system is totally flexible, scalable and can be set up quickly.





# INDUSTRIAL MACHINERY AND EQUIPMENT

Our robust and reliable hardware solutions are ideal for any industrial machinery and equipment. Whether it's access control for manufacturing equipment, handles, latches, or hinges for machine guards, we offer innovative products from industry leaders that ensure secure and efficient operations.

## CONSTRUCTION AND BUILDING MAINTENANCE

Mounting mirrors, attaching trims, fixing signs, or securing carpets, Tesa tape and other fastening solutions provide a reliable and durable bonding solution. They offer high strength and weather resistance – making our products suitable for both indoor and outdoor applications.

## TRANSPORTATION AND AUTOMOTIVE

From sturdy latches for truck compartments to quick-access fasteners for consoles, our solutions ensure security, convenience, and durability. Products such as lock bolt systems are resistant to vibrations and can be utilised in passenger and commercial vehicles, trains, and aircraft.

## MEDICAL AND HEALTHCARE EQUIPMENT

We offer specialised hardware solutions for medical and healthcare equipment. These solutions meet strict industry standards, ensuring safety, reliability, and compliance. From ergonomic hinges to access hardware for medical cabinets – providing secure and efficient products for hospitals, clinics, laboratories, and medical devices.

## ELECTRONICS AND DATA CENTRES

Zygology supplies hardware solutions for the electronics and data centre industry, ensuring proper equipment protection and access control. Our products, such as captive screws, latches and installation equipment, provide secure connections and easy maintenance. These solutions are widely used in rack-mounted equipment, server cabinets, networking systems and data centres.

## MARINE AND OFFSHORE APPLICATIONS

Corrosion-resistant hardware solutions are designed to withstand harsh marine and offshore environments. From hinges and latches to watertight access solutions, our products are suitable for boat hatches, storage compartments, shipboard equipment, and offshore platforms – ensuring reliable performance in demanding marine conditions.



## **CONTACT US**

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