

FASTENINGS & FIXINGS



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Challenge – Your Product Manufacturing Partner for Nuts, Bolts, Screws and Washers

Quality has always been a top priority for **Challenge**, reflected both in the product range of our stock, and in the service we provide. **Challenge** gained the ISO9001 award for quality in 1997, and the company is a member of the Engineering Industries Association. The **Challenge** service enables us to supply systems such as **VENDOR MANAGED INVENTORY (VMI)**, **KANBAN**, **JIT AND LINEFEEDS**.

We also offer a specialised manufacture, sub-assembly and packing service, allowing customers products to be supplied in the most efficient format. Combined with the availability of our own UK delivery fleet, the service that **Challenge** offer small to medium sized manufacturers cannot be surpassed.



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Nut Products



- > Fullnuts (Din 934) & Locknuts (Din 439)
- Nyloc Nuts Type 'P' (Din 982) & 'T' (Din 985)
- Combi / Cage Nuts
- Square Nuts / Tee Nuts
- Weld Nuts
- Flange Nuts (Plain & Serrated)
- Binx / Castle Nuts
- Philidas Nuts







Bolt Products



- Hexagon Head Bolts (Din 931) / Setscrews (Din 933)
- Cup Square Hex (Coach Bolts)
- Mushroom Head Roofing Bolts
- Coach Screws
- Studding / Allthreads
- Thumb Screws
- Engineer Studs
- Hook Bolts









Socket Screws



- Socket Head Capscrews (Din912)
- Socket Button Head Screws (ISO7380)
- Countersunk Socket Screws (Din7991)
- Socket Setscrews Cup (Din916), Cone (Din914),
 Dog (Din915) and Flat Point (Din913)
- Socket Shoulder Screws
- Allen Keys







Screw Products



- **Self Tapping Screws**
- Self Drilling Screws
- Plastites Thread Forming Screws for Plastics
- Taptities Thread Forming Screws for Metal
- Window Fixing Screws
- Chipboard Screws/ Spax Screws
- Hammer Drive Screws
- Woodscrews
- Mirror Screws
- **Dry Wall Screws**











RIVETS



- Blind (POP) Rivets
- Semi/Solid Tubular Rivets
- Rivet Nuts
- Rivet Bushes
- Self-Clinching Studs
- Weld Studs









WASHERS



- Flat Washers Form A, B, C and D
- Mudguard (Penny) Washers
- Spring Washers (Square & Rectangular Section)
- Lockwashers (Internal & External)
- Crinkle Washers
- Cup Washers
- Belleville/Disc Spring Washers
- Grip Washers
- Fibre Washers
- Dowty Washers / Bonded Seals
- Special Washers to Drawings











PINS



- Split Cotter Pins
- Dowel Pins
- Groove Pins
- Spring Tension pins
- Spiral Pins
- > Taper Pins





MISCELLANEOUS

- Lubricants, Adhesives & Sealants
- Tools & Abrasives
- Bearings & 'O' Rings
- Push-On-Fixings
- Fixings (Throughbolts Etc...)
- Wall Plugs
- Circlips
- Inserts
- **Spacers**



- Cable Ties
- **Security Screws**
- Pre-Packs
- **Sub-Assemblies**
- Threaded Protection Caps & Plugs
- Hose Clips
- Tool Clips
- Free Running Wire Inserts (Helicoil)
- Taps, Dies & Drills





