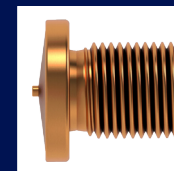
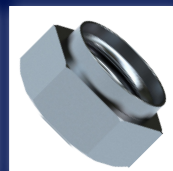
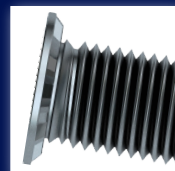
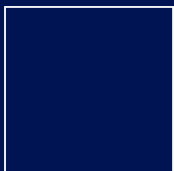
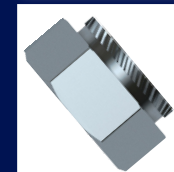
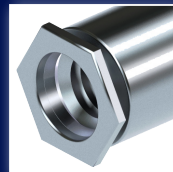
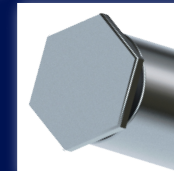
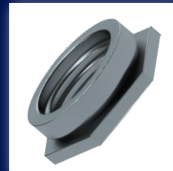
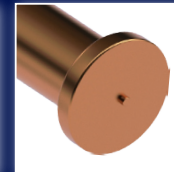
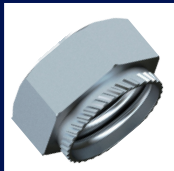
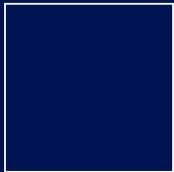


PRODUCT PROFILE No. 9.1
REISSUE

FASTENERS
— FOR —
SHEET METAL



Lancaster Fastener Co Ltd
Threadforming Screw Specialists





Lancaster Fastener

is a specialist importer and stockist of small diameter industrial threaded fasteners

Trading within the fastener industry for over 35 years, we have developed a brand that is synonymous with exceptional standards of quality and customer service.

Product ranges are sourced from quality assured manufacturers and supplied to a network of fastener distributors in over 50 countries worldwide.

Supplying many of the leading multi-national fastener distribution groups whilst also offering support to smaller distribution companies, our position in the market forms an essential supporting stock interface between the fastener distributor and the Asian manufacturer, reacting largely to the infill demands of the industry.

It is the major depth of our range and our narrow, specialist stockholding that differentiates us from competition within the industry. From over 3,000 tonnes of stock, comprising over 10,500 product lines, customers are offered a fast and efficient pallet and carton service supported by an excellence in worldwide logistics.

Customers in the UK are offered a next day delivery service and typical transit times throughout Europe and to the United States of America are 2-3 days from receipt of order.



Our Mission Statement

It is our continual aim to be respected by customers by exceeding expectations and providing outstanding performance in every aspect of our business.



Customer Support
in over 50 Countries



Complete
Quantity Flexibility



Bulk Quantities
at Low Prices



Multi-lingual
Sales Team



10,500
Product Lines



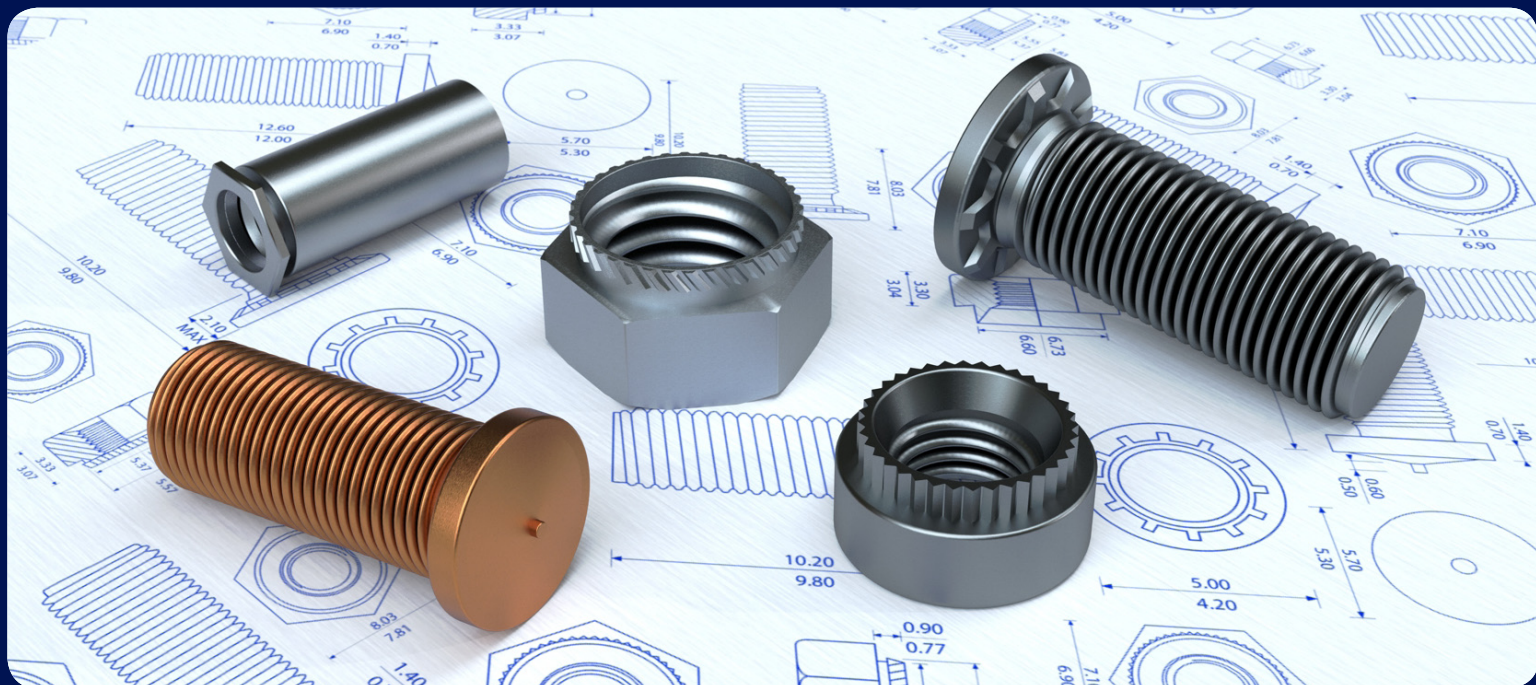
10,000
Pallet Locations



3,000
Tonnes of Stock

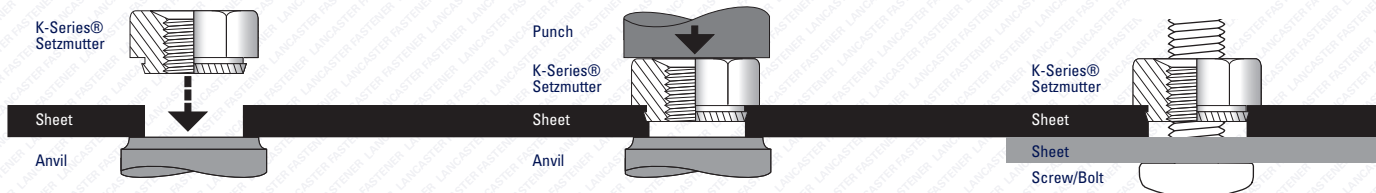


Barcoded
Batch Traceability



K-Series® Setzmutter (Press Nuts)

K-Series® Setzmutter offer a permanent female thread in sheet steel and in some plastic applications that are too thin to be tapped by conventional methods. Designed specifically for use in applications with a minimum sheet thickness of 1mm, K-Series® Setzmutter, when installed, offer a female thread for attaching equivalent metric externally threaded fasteners. K-Series® Setzmutter can be easily installed into the parent material without the need for specialist tooling. When inserted the underhead shank serrations provide a permanent thread with a high prevailing torque and a resistance to turning.



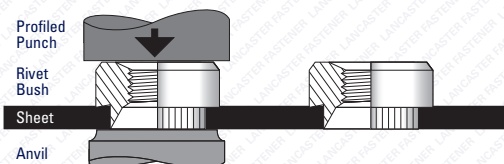
Prior to installation the K-Series® Setzmutter must be aligned squarely with the pre-drilled or pre-pressed hole in the host material.

Ideally using a punch the K-Series® Setzmutter is pressed into the host material. As the nut rotates it bites into the wall of the sheet causing the host material to flow around the spigot of the nut. The slanted serrations provide a secure fit with a strong resistance to rotation.

When the K-Series® Setzmutter has been installed an externally threaded fastener can be used to join the two materials together. The K-Series® Setzmutter is secured from the serrated side.

Rivet Bushes

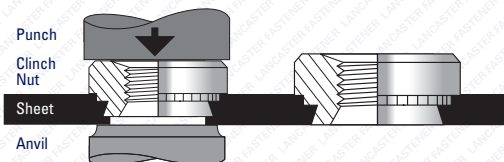
Rivet Bushes offer a permanent thread in sheet steel and plastics that are too thin to be tapped by conventional methods; they can be installed into panels as thin as 0.5mm. They may also be suitable for installation in stainless steel applications.



Rivet Bushes can be installed using a variety of methods, ideally a press incorporating a profile punch. However, they can be installed using a simple hammer and ball bearing.

Self-Clinching Fasteners

Self-Clinching Fasteners are used when good pull out and torque loads are required in sheet metal that is too thin to be tapped by conventional methods. When correctly installed, Self-Clinching Fasteners are prevented from rotating in the host material and become a permanent part of the application. Whilst taking up less space and requiring fewer assembly operations, they also have greater reusability and more holding power than sheet metal screws.



Self Clinching fasteners must be squeezed into place by applying a constant squeezing action and not a blow (or trauma) type force. In short, an automated press of some type must be used for installation.

CD Weld Studs

Capacitor Discharge (CD) stud welding is used to weld small diameter studs to thin base materials such as mild steel, stainless steel or aluminium.

The capacitor discharge welding process operates on the principle that the energy stored in a capacitor battery is discharged within between 1 and 3 milliseconds through the ignition pip of the part being welded. In view of the fact that the welding process is completed instantaneously, welds can be made without evident distortion, burn-through or reverse side discolouration. CD stud welding eliminates secondary operations by removing the need for pre-drilled or pre-tapped holes and can also reduce costs through offering savings to labour and material expenditure.

K-Series® & CASTLE® are registered trade marks of Lancaster Fastener Co Ltd.



LANCASTER

Branded Product Ranges



“Complete Quantity Flexibility”

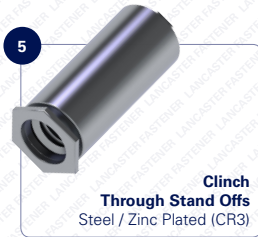
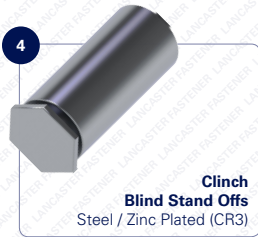
Full and partial bulk carton quantities.
Small box quantities of 250, 500 or 1,000 pieces.

Self-Clinching Nuts



Products -
“Over 3,000 tonnes of stock, comprising over 10,500 product lines.”

Self-Clinching Stand Offs and Studs



Service Commitment -
“To hold at least 95% of product lines in stock at all times & respond to customer enquiries within 30 minutes”

Rivet Bushes



Market Position -
“An essential supporting stock interface between the distributor & the Asian manufacturer, reacting largely to the infill demands of the global fastener industry.”

* Grade depends on method of manufacture.

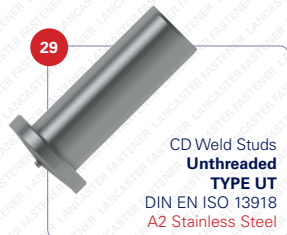
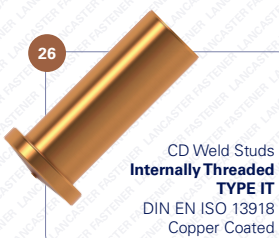
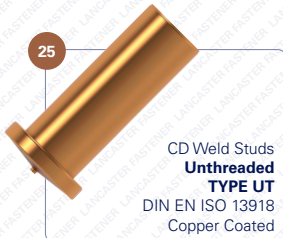
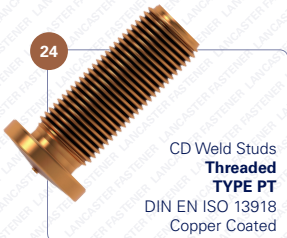
K-Series® Setzmuttern (Press Nuts)



Market Position -

“Core business competencies allow Lancaster to service a wide-spread customer base that includes globally present multi-national fastener distributors through to small, single location wholesalers.”

Capacitor Discharge (CD) Weld Studs



A Global Presence -

“Lancaster Fastener support fastener distributors in over 50 countries across the globe.”



CASTLE®
Branded Product Ranges



Competitively priced commodity product ranges for volume bulk carton quantities.

“Bulk Quantities at Low Prices”

K-Series® Setzmuttern (Press Nuts)



Service Commitment -

“To be respected by customers by exceeding expectations and providing outstanding performance in every aspect of the business.”

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Lancaster Fastener Co Ltd

Threadforming Screw Specialists

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BS EN ISO 9001:2015
CERT No. RS28449

A
TRIFAST PLC GROUP
COMPANY

