

WDS launches low head knurled thumb screw to DIN standard

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Leeds manufacturer and supplier of standard parts and components, WDS Components, has launched a new DIN 653 knurled thumb screw variant. The new thumb screw is based on the brand's existing design but features a wider, low profile head that conforms to the DIN standard. The new release is also joined by a new range of knurled thumb nuts, designed to the DIN 6303 standard.

The new WDS knurled thumb screw DIN 653 has been developed to meet the requirements of machine builders, as well as end users, that require DIN design standardisation. DIN (Deutsches Institut für Normung), the German Institute for Standardisation, covers various products for manufacturing and design, to ensure product quality, safety and compatibility.

Also known as a cylindrical head screw or flat thumb screw, the new thumb screw design features a knurled circumference that features a raised triangular pattern. This knurled perimeter enhances control and enables fine adjustment by improving grip. This design is ideal if the operator intends to tighten the thumb screws with pliers or with a gloved hand, or if grease or moisture are present.

Constructed from stainless steel, WDS' knurled thumb screws are highly resistant to corrosion and can be used in clean room environments for industries such as food & beverage, medical and pharmaceutical. The highly durable design also makes the DIN-compliant thumb screw ideal as a general fastener, including use

with jigs and fixtures, construction processes involving aluminium profile, as well as integration with OEM machinery.

The knurled thumb screws are available in sizes ranging from thread diameter M3 through to M10. Various thread lengths are available and custom sizes can be provided on request. The full part specification, including free to download CAD drawings in a variety of formats, is available on wdscomponents.com under part number 8914.

WDS also provides a corresponding range of knurled thumb nuts to DIN standard 6303, offering the same low profile knurled head, but with a female thread in place of a threaded stem. A standard version is available, as well as a variant with a cross-drilled hole, enabling the thumb nut to be pinned in position to a shaft, or allowing insertion of a set screw.

The DIN standard knurled thumb nut, WDS part number 8911, is also manufactured from stainless steel and is available in female thread diameters M5 to M12. A full specification is available on wdscomponents.com.

Image Captions:



Image 1: WDS Knurled low Head Screws and Stainless-Steel Thumb Screws.

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About WDS Components Ltd

WDS Components is the home of standard parts and machine accessories. Established in 1952 'Woodside Die Sinking Company' made jig and die parts to speed up production in tool rooms, WDS Components has grown from humble beginnings to become a leading European manufacturer and global distributor of high quality durable parts at competitive prices. We supply components, standard parts and machine accessories to original equipment manufacturers, maintenance engineers, small businesses and individuals all over the world. Over 98% of our range is available from stock and can be shipped the same day from our global distribution centre in the UK, using best in class worldwide logistics companies.

We provide unrivalled choice and unequalled availability.

WDS Components are proud to support some of the most prestigious engineering companies and brands in the world, who all trust WDS Components to service their needs.

We are committed to engineering excellence and continuous improvement. Our team of in-house engineers has expertise spanning several decades and is a blend of highly experienced and new generation graduate engineers who focus on the latest developments in design and manufacturing technology.

Our entire range of products is available to purchase on our website [WDS COMPONENTS.COM](https://www.wds-components.com) where designers and manufacturers alike can download 3D models of all components in the widest range of formats available.

WDS Components provide solutions for customers who require a wide and growing range of high quality, competitively priced products, coupled with incredible product availability and same day despatch, backed up by easily accessible technical support.

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