

Aluminium handwheel range now includes solid dish design

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WDS Components LTD has extended its three spoke aluminium handwheel range, adding a solid wheel plus a two spoke design. The solid handwheels increase safety by removing the risk of finger trap, ideal if greater speed of rotation is required or for use in more hazardous environments. The new two spoke option provides flexibility in look and cost. Aluminium construction is highly durable and provides resistance to corrosion, as well as a lustrous finish. Anodised options also provide greater protection for longer-lasting use.

The handwheels are ideal for machine applications involving adjustment or calibration and can also be used for manual valve control. While the designs are commonly used for precision machine operation, including the accurate control of cutters, the handwheels can be used across any application requiring shaft rotation control.

The handwheel designs include handgrips that enable greater force to be applied, adding flexibility for use across various machine and shaft sizes and weights. The grip also increases precision of adjustment when increased accuracy is needed. The grips are available in a fixed or revolving version that enables faster, easier use with the revolving handle spindle-mounted for easy rotation.

Grip material options include aluminium, matching the body of the handwheel, as well as robust polyamide, or a durable yet cost-effective Bakelite option. Handwheels are also available with tapped holes in the rim for the installation of custom grip options.

Handwheel diameters extend from 80mm up to 315mm, with the larger sizes increasing the rotational force that can be applied. The number of centre bore sizes has also increased, now extending from 10mm to 26mm, providing greater flexibility for shaft mounting and machine installation. Bore designs also include round, square, or keyway, covering a variety of shaft mounting styles, and the handwheels can be secured with a variety of methods, including nut and keys.

The new handwheels join WDS' existing range that includes a wide variety of designs, materials, and sizes. Spoked and solid dish handwheels are available in various metals, including cast iron as well as a choice of plastics. Diverse hand grip styles are available, including folding options. The full range is located on [wdscomponents.com](https://www.wdscomponents.com).

Image Captions:



Image 1: Three spoke aluminium handwheel range with solid wheel and a two spoke design from WDS Components Ltd.

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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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