WDS Components Help Desk

WDS Launches Environmentally Friendly Hand Knobs

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UK manufacturer and supplier of standard parts and components, WDS Components, has launched a range of environmentally friendly hand knobs. Ideal for machinery and OEM use, the new hand knobs are made from a sustainable, biological source and are 100% recyclable. The range is also highly durable, making them an environmentally friendly substitute for standard polymer designs in the majority of use cases.

WDS has duplicated its entire range of glass-reinforced polymer hand knobs in a biopolymer source, specially supplied from European forestry. Crucial for industrial use, the company has made extensive research to partner with a supplier that can provide sustainable and recyclable materials that are as durable as a standard polymer design. As a result, the new hand knobs can be used across virtually all of the same applications as standard polymer designs.

The new designs are well suited to outdoor use and activities in rugged locations. As a result, the environmental hand knobs can be specified for applications such as the adjustment of cameras and optical equipment, through to outdoor machinery. They are also an ideal replacement for indoor machinery for environmentally conscious organisations.

The new hand knobs are created to the DIN6336 star knob design, and comprise a black biopolymer knob grip with a zinc plated steel shaft. The range is available in thread diameters ranging from M5 up to M12, and both male and female designs are available.

“The new range of environmental hand knobs has been introduced to fulfil demand for companies with a focus on sustainability,” says Sam Wilkinson, Design Engineer, WDS Components. “This impetus was recognised by WDS Components’ Sustainability Task Force, an inter-departmental team that focuses on sustainable development covering all areas of business operations, including new product development. Our challenge was to add a hand knob to the WDS catalogue that is from a biological source that was as durable as a standard polymer, and we’ve achieved that with our new range thanks to a special design that is supported by the right material sourcing.” As a result of the success of the new product launch, WDS expects to release further standard parts and components constructed from the environmentally friendly biopolymer.

WDS holds extensive stock of the new hand knobs, making them suitable for high volume OEM order. To assist design engineers, full specification details are available on wdscomponents.com, including free to download CAD images in nine major formats.



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 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.

Further Information:

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