WDS Components Help Desk

WDS Releases Retained Hand Knobs with Internal Thread

2023-11-29 - Mark Moody - Sales and Marketing Director - News and Media

WDS Components has released new styles of retained hand knobs with lanyards in an internal thread fit. The UK manufacturer and supplier of standard parts and components has extended its range of retained hand knobs, adding to its existing external thread designs. The retained design prevents loss, giving advantages in safety, cost saving, and ease of use. Retained hand knobs come in three lanyard styles and are made from stainless steel, enabling use across a variety of heavy duty applications.

The new retained design gives a practical advantage by enabling the hand knob to remain attached to its host application with a durable lanyard, even when it has been unscrewed. The new design follows market demand with the majority of hand knobs requested for supply with internal thread.

Retained hand knobs can be used on machinery including vehicles to enhance safety by preventing the loss of protective guards. The lanyard-equipped hand knobs can also be used to protect people when securing items at height, such as stage and theatre equipment. The retained devices also protect machinery from damage that could be caused by drops, and the design also minimises the cost of frequent loss. Used in locations with resupply challenges, such as the marine environment, the lanyard attachment also gives practical benefit.

The retained hand knobs with internal thread are available in sizes M6, M8, and M10. The design features a standard four-lobe, DIN 6335 style and are constructed throughout from high grade 316 stainless steel, giving them strength and durability. 316 stainless steel also maintains its structural integrity at high temperatures, making the hand knobs suitable for applications exposed to heat or thermal cycling.

Lanyard styles include a braided stainless steel cable with a nylon sheath. This style minimises marking o host equipment, and optimises strength, making it suitable for use in anti-corrosion environments such as marine applications. There’s also a version with a stainless steel ball-and-chain lanyard without the nylon sheath, making it suitable for hygienic environments such as food preparation areas or medical settings. A third variant with a keyring attachment also enables a label reference to be added to the location. The hand knobs are available in both polished and matt finishes.

The WDS retained hand knob with internal thread is a design that is unique to the market, affording greater security and strength. Most internal thread hand knobs currently available on the market include a lanyard attached with a spring clip. This design is used because of the challenge in attachment between the lanyard and knob. However, spring clips can be removed, creating both a security and safety risk. Instead, the new WDS development is hand made, and the lanyard is permanently fixed, meaning that it cannot be removed except with high force.

Full details are available on wdscomponents.com including free to download CAD images in all major files. Non-specialist 3D image files are also free to download. Same day shipping is also available to ensure rapid supply.



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:

Website: WDS COMPONENTS.COM

Email: Sales@wdscomponents.com