WDS Components Help Desk

Aluminium Clevis Forks Provide Lightweight, Durable Linkage

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Leeds manufacturer and supplier of standard parts and components, WDS Components Ltd, has released a range of aluminium clevis forks. The fork attachments create a strong linkage for applications that need a lightweight design. The black anodised forks are easily installed to any rod connection and are available in diameters ranging between M4 and M12. The new aluminium range extends WDS' existing line of heavy-duty steel clevis forks.

The new aluminium clevis forks have been launched following demand from WDS customers for a more lightweight version of the brand's existing heavy-duty range. The aluminium design makes the clevis forks suitable linkages for aviation and automotive applications, and the aluminium construction also saves significant weight for OEM machine builds. Significant weight saving can be made, especially when larger thread sizes, such as M12 diameters, are required. The lightweight linkage is also ideal to optimise go-cart design and build, as well as other hobbyist applications.

To install the clevis fork linkage, the fork head attachment is quickly screwed onto a connecting rod, with available thread diameters including M4, M5, M6, M8, M10, and M12. When a connecting clevis pin is inserted, the forks are easily and firmly secured by a choice of e-clip, as well as a c-clip, also known as a circlip, or for additional reinforcement, a safety spring clip.

The forks' anodised coating adds protection against corrosion, and the black finish is ideal for installation in optically sensitive environments. This enables the new clevis forks to blend in with engine bays and machines, and the linkages are also ideal for installation in theatre sets where the black coating obscures them from audience view.

Full specification of WDS' aluminium clevis forks range (part number WDS 451) is available on wdscomponents.com, including free to download CAD files in a range of formats. The new aluminium clevis forks also feature on WDS' Stock Guarantee programme for order quantities ranging up to 500-plus units, according to details on the WDS website. Stock Guarantee means that 10% discount is applied to a subsequent order for any outstanding volume that cannot be provided with the initial request.

WDS' new aluminium range of clevis forks adds to the component manufacturer's existing steel models that extend durability for heavier duty applications. WDS' steel clevis fork components are available as individual items as well as complete kits, comprising the fork, the connecting clevis pin, as well as the fixing to secure the joint.

The steel range includes robust zinc-plated designs, as well as stainless steel models, ideal for use in corrosive environments such as hygienic applications, as well as areas of saline concentration, including maritime uses. To secure the steel clevis forks, a range of fasteners are available, including cotter pins, spring clips, and e-clips.

WDS' full clevis fork range is available on wdscomponents.com..



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