

New 316 stainless steel hinges add durability and corrosion resistance

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WDS Components Ltd has expanded its range of leaf hinges, adding highly robust, anti-corrosion designs. The Yorkshire-based manufacturer and supplier of standard parts and components has also released new lift-off detachable hinges, allowing fast and simple door removal. Both of the new hinge types are manufactured from high quality 316 stainless steel.

316 stainless steel leaf hinges

The high grade stainless steel leaf hinge design (part number WDS 8605) has been developed for use on doors in hygienic applications, as well as marine environments, providing strong resistance to salt water corrosion. The durable hinges are also well suited to machinery and industrial cabinets, and their construction also means they can be used long-term in any outdoor environment.

Made from 316 stainless steel, the hinges can be used in environments subject to regular washdown with aggressive detergents. The design provides long-term resistance to corrosion, and rounded edges prevent accumulation of bacteria, enabling an easier and more effective wash-down.

The new hinges are also available in a stud fitting that can be inserted directly into a door or panel and secured with a nut. This metric-size stud design removes the need for fitting with screws and doesn't leave the hinge exposed. This creates smooth edges without any crevices, adding to the hygienic credentials. This design also protects the hinge from removal, making it tamper-proof and well suited for protecting factory

machinery or outdoor cabinets. Traditional countersunk designs that can accommodate screws or bolts are also now available in 316 stainless steel.

The hinges feature a high quality polished mirror finish, ideal for luxury and premium environments, as well as a matt style, which is more forgiving and ideal for concealing blemishes and hand prints. Hinge lengths are available in 30mm and 48mm, and the new range joins WDS' existing line up of hinges that are available in a variety of materials, designs, and sizes.

The new leaf hinges are also part of WDS' stock guarantee programme that guarantees the availability of a specified order quantity in return for a 10% discount on any unavailable units. They are also competitively priced, especially compared to specialist suppliers, such as traders to the marine market.

316 stainless steel lift off hinges

Alternatively, WDS' new lift off, detachable hinges (WDS 8620), also made from 316 stainless steel, are designed for fast, simple access when door removal is required, for example to aid installation or maintenance procedures.

The design comprises two different leaves that can be removed with a simple lift off action, while firmly securing together when the top plate is positioned over the hinge pin. As the hinges include countersunk holes on both sides, it's a reversible design that can be used on left- or right-hand hinges, unlike most competing designs of detachable hinge that are designed for use on one side only. This saves time in design and adds ease and flexibility in ordering and on-site installation.

Also made from 316 stainless steel, the detachable hinges have a high quality mirror finish and are durable for long-life use. They're also rust-free and can be used in aggressive environments.

The hinges are 50mm long and are available in a wide range of countersunk hole position layouts. They are able to support a maximum weight of 50kg.

The detachable hinges are also available from WDS' stock guarantee programme, and full details of both hinge designs, including free to download CAD images, can be found on wdscomponents.com.

Image Captions:

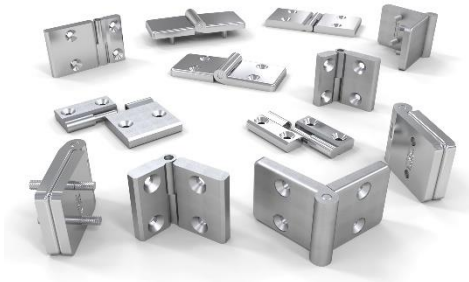


Image 1: WDS Components range of leaf hinges, highly robust and anti-corrosion designs



Image 2: WDS hinges manufactured from high quality 316 stainless steel for use on doors in hygienic applications, as well as marine environments, providing strong resistance to salt water corrosion.

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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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