

WDS extends scallop and star hand knob range with new materials, sizes and options

Engineering components manufacturer WDS Component Parts Ltd. has added aluminium scallop and star hand knobs to its portfolio, complimenting the Bakelite and thermoplastic products it already supplies.

Scallop and star knobs are a popular choice among engineers for a great range of duties where a manual turning action is required, because they fit comfortably into the hand and provide a good grip for turning in either direction. Potential applications include tightening and gripping, setting, adjustment and positioning of parts relative to one another.

The new aluminium star knobs are available in a range of sizes, from 40mm to 80mm diameter and overall heights from 25mm to 50mm, with the stem varying from 14mm to 30mm. Their weight is from 40g to 135g and they are available in a polished or matt finish.

The scallop knobs are available in the same diameters, but with the slightly greater height range of 26mm to 52mm and slightly shorter stems of 13mm to 25mm. Their fuller shape makes them notably heavier at 90g to 300g.

The central bore is reamed and threaded, with M6, M8, M10, M12 and M16 options available. There are also through-hole and stainless steel options available within the range.

John Marshall, an engineer at WDS explains why the range has been expanded: "The Bakelite and thermoplastic knobs are very popular and fulfil a wide range of application requirements. However, there is a market need for other materials too. This is partly a matter of appearance, but there are also more technical reasons.

"For instance, aluminium is strong, lightweight and very durable so has a long life expectancy. It is also very good for hygienic and sterile applications such as food processing and medical or surgical equipment. Aluminium's non-rusting credentials also make the new knobs ideal for use in marine, shoreside and corrosive environment applications such as chemical production."

Full details of the new products are available on the company's website, www.wdsltd.co.uk. This includes all dimensions, colours and finishes along with downloadable 2D drawings and 3D CAD models. The site is designed for one-stop usage, so having identified the exact part(s) required an order can be placed and paid for with just a few mouse clicks. Dispatch is usually same day, with overnight delivery in the UK.

If technical assistance or advice is needed, WDS has a helpline on 0845 606 6677. This number can also be used to place orders, maintaining the one-step approach for customers.

Image caption: scallop and star knobs are a popular choice among engineers for a great range of duties.

About WDS

WDS are the UK's leading manufacturer of standard parts for use in machine build components, standard parts, jigs & fixtures, and consumer products. The range of products available from WDS grows daily and so has the methods available to designers and engineers for identifying, specifying and purchasing any of the 20,000+ parts currently held in stock. For example, WDS has made ordering workholding solutions cheaper and quicker by removing small order surcharges.

The WDS range covers five main divisions, Standard Parts, Machine Accessories, Spencer Franklin Hydraulic Workholding, Broaching and General & Modular Workholding.

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Editor Contact

DMA Europa Ltd. : Lucy Powell

Tel: +44 (0)1562 751436

Fax: +44 (0)1562 748315

Web: www.dmaeuropa.com

Email: lucy@dmaeuropa.com

Company Contact

WDS Component Parts Limited : Sarah Gray

Tel: +44 (0)113 2909852

Fax: +44 (0)845 601 1173

Web: www.wdsltd.co.uk

Email: SGray@wdsLtd.co.uk