

# bigHead<sup>®</sup>





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## Secure fasteners for composites

bigHead fasteners were invented in 1966 to solve a fastening problem that traditional fasteners could not; how to achieve a strong and efficient fastening in a composite material. Since then, the bigHead bonding fastener has become an industry standard for customers using composites.

Many of our customers design-in bigHeads to save assembly time and enhance their product quality. As an original designer and manufacturer ourselves, we understand the flexibility you need and the attention to detail you rely on.




































Our experienced team is dedicated to making our unique products and providing an excellent service. We look forward to hearing from you.

*Visit our website*

Our website [www.bighead.co.uk](http://www.bighead.co.uk) has lots more information on our products and services, and over 40 case studies from industry.

# Standard bigHeads

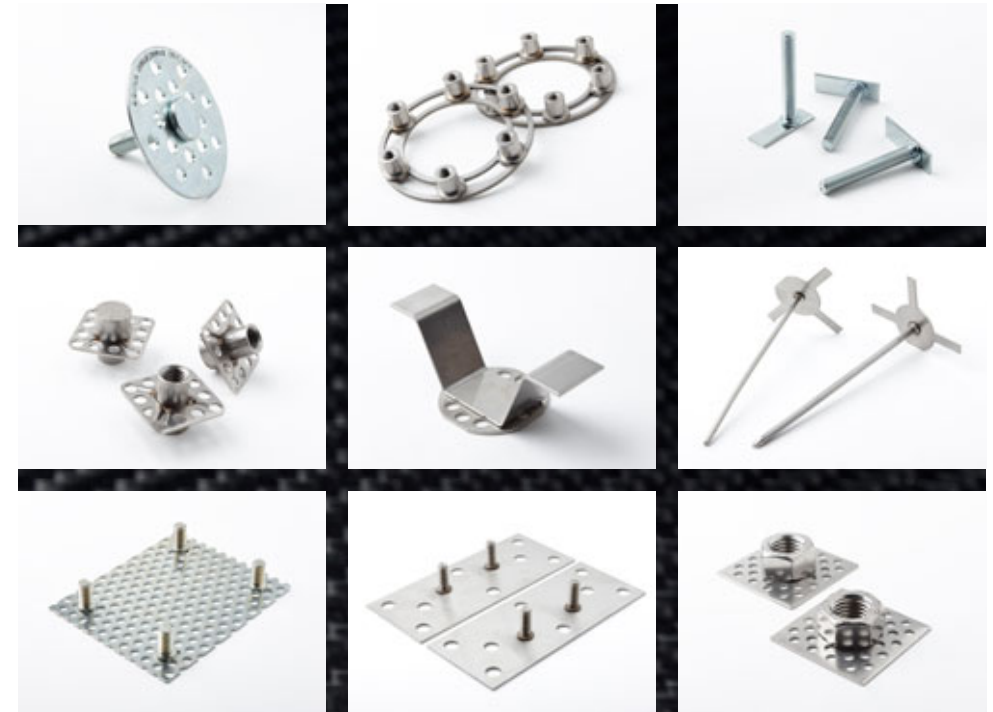
Over 400 standard bigHeads are available at short notice in a wide range of sizes in mild or 316 stainless steel. An even wider range of non-standard combinations and sizes can also be created.

Head type	M1 Threaded stud	F2 Threaded collar*	F1 Threaded nut*	M5 Nail	M4 Plain pin
 <b>B15</b> 15mm square			N/A		
 <b>B20</b> 20mm diameter					
 <b>B23</b> 23mm diameter					
 <b>B30</b> 30mm diameter					
 <b>B32</b> 32mm square					
 <b>B38</b> 38mm diameter					

\* These are available sighted  or blind 

For more information on all the sizes and combinations available please visit our website [www.bighead.co.uk](http://www.bighead.co.uk), or contact us on +44 (0) 1202 574 601.

Head type	M1 Threaded stud	F2 Threaded collar*	F1 Threaded nut*	M5 Nail	M4 Plain pin
 <b>T38</b> 38mm x 15mm rectangle					
 <b>B50</b> 50mm diameter					
 <b>B58</b> 58mm square					
Head type	Cable Tyrap	M7 Loop 45 degrees	M8 Loop 90 degrees	M6 Hook	
 <b>B32</b> 32mm square					
 <b>B38</b> 38mm diameter					



## Special bigHeads

### Special bigHeads for customer specific applications

In more than 40 years bigHead has made over 5,000 special bigHeads for customers.

Designing and manufacturing under one roof gives us the control and flexibility to respond very quickly to produce drawings and prototypes.

To support innovative design and engineering, the minimum order quantity for most special bigHeads is kept very low at just 500 fasteners.

*Shown here are just a handful of bigHeads from automotive, wind-power, offshore oil and gas, construction and general industrial applications. Visit our website to see a much wider range of special bigHeads or even design your own bigHead using our interactive Build Your Own bigHead tool. We look forward to hearing from you.*

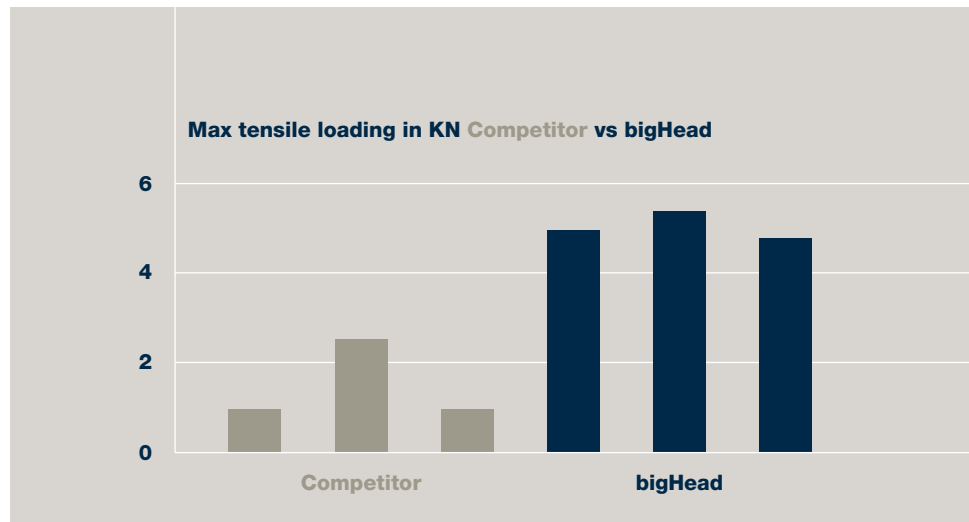
# Quality

bigHeads are manufactured by one company in one location under one quality system. This unity guarantees exceptional quality and flexibility.

## Strength and reliability

bigHeads are known for their high strength and reliability. We have continuously invested in innovative production techniques to ensure consistent product performance.

The graph below shows recent test results for a bigHead copy. It clearly demonstrates the superior strength and consistency of the original bigHead.



*Tensile and torque strength data is available by product type on our website*

## Quality systems

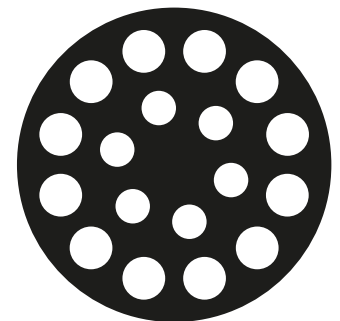
bigHead maintains a Quality Management System that has been approved by Lloyd's Register Quality Assurance and is certified ISO 9001:2008.

bigHead is a BMW approved supplier to Roll Royce Motors, and has been approved by many other OEM's and Tier 1 automotive suppliers. Customer audits are welcomed and can be arranged by appointment.

Our meticulous attention to detail and robust quality system enabled us to achieve a zero PPM defect rate on the bigHead weld for the 12 months of 2012.

## Lean manufacturing

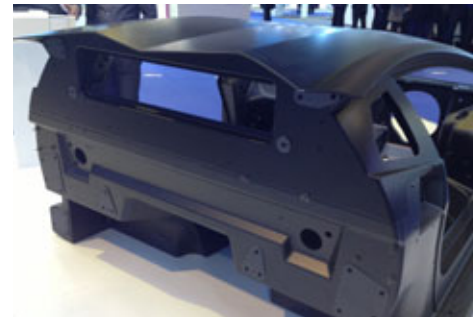
bigHead is committed to continuous improvement. Lean Manufacturing is an important part of this commitment. We rigorously analyse data to streamline our operations and reduce waste and inefficiency. This ensures our service to customers is always accurate, responsive, flexible and good value.

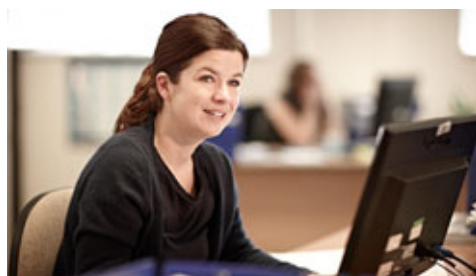
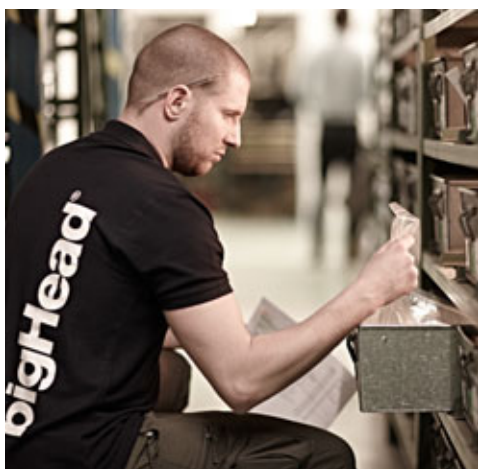


**Client applications**

bigHead fasteners are designed-in to 1000's of high quality products. Clients include:

Rolls Royce Motors, Bentley, Lotus, Sunseeker Yachts, RNLI, Bombardier, F1 McLaren, Ferrari, Aston Martin, Azimut Yachts, VT Group, BAE Systems, Lamborghini, Ford Motors, and many more.





# bigHead®

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