ALL YOU NEED TO KNOW ABOUT BOLTS

IDEAL BOLT MEASURING TOOLS
For precision measuring we would recommend the use of Digital Vernier Callipers and a Thread Gauge to measure thread pitch. For standard bolts in the range of M5 – M12 we offer our own Pro-bolt Measuring Gauge – see our website for details.

IMPORTANT
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MEASURING A FASTENER
Shank Diameter
Also called Major diameter. The diameter of a bolt is the Shank diameter, expressed in millimetres for Metric bolts. Because this is approximately the same as the Major or Thread diameter the thread diameter measurement can be used for fully threaded bolts.

Shank Length
Fastener length is measured from where the material surface is assumed to be, to the end of the fastener. For fasteners where the head usually sits above the surface, the measurement is from directly under the head to the end of the fastener. For fasteners that are designed to be countersunk, the measurement is made from the point on the head where the surface of the material is, to the end of the fastener.

Thread Pitch
Metric fasteners are specified with a thread pitch instead of a thread count. The thread pitch is the distance between threads expressed in millimeters (measured along the length of the fastener). For example a thread pitch of 1.5 means that the distance between one thread and the next is 1.5mm. In general smaller fasteners have finer thread so they have lower thread pitch.
Note: Not all sizes are available in ALL materials, please refer to relevant material section.

Standard Allen Key Socket Cap Bolts

M3 (0.5)

M4 (0.7)

M5 (0.8)

M6 (1.00)

M8 (1.25)

Tapered Socket Cap Bolts

M4 (0.7)

M5 (0.8)

M6 (1.00)

M7 (1.00)

M8 (1.25)

M10 (1.50) also available in fine (1.25) pitch
Flanged Hex Head Bolts

- M4 (0.7)
- M5 (0.8)
- M6 (1.00)
- M8 (1.25)
- M10 (1.50)
  - Also available in fine (1.25) pitch
  - Longer lengths available in fine (1.25) pitch

Countersunk Bolts

- M4 (0.7)
- M5 (0.8)
- M6 (1.00)
- M8 (1.25)

Dome Head/Fairing Bolts

- M4 (0.5/0.7)
- M5 (0.8)
- M6 (1.00)
- M8 (1.25)
- M10 (1.25)

High quality fasteners manufactured in the UK
Aluminium | Titanium | Stainless Steel
Note: Not all sizes are available in ALL materials, please refer to relevant material section.

Flat Washers

M3, M4, M5, M6, M8, M10

M8, M12

Drilled Washers

M5, M6, M8, M10, M12

Countersunk Bodywork Washers

M5, M6, M8
Pro-Bolt®

High Quality Fasteners Manufactured in the UK

Race Spec Bolts

Race Spec Bodywork Bolts

PRODUCT PROFILES

ALUMINIUM | TITANIUM | STAINLESS STEEL