

## PEEK Components (Polyether ether ketone)

PEEK (Polyether Ether Ketone) fasteners are **lightweight, high-strength alternatives** to metal fasteners, offering exceptional chemical resistance, thermal stability, and mechanical properties. PEEK fasteners are ideal for applications requiring high purity, low outgassing, and resistance to harsh environments.

We manufacture and stock a wide range of PEEK fasteners, including cap head screws, hexagon bolts, spacers, set screws, ultra-low head machine screws, and countersunk screws. Known for their **high strength, corrosion resistance, and lightweight properties**, these fasteners are ideal for demanding industries such as aerospace, automotive, electronics, and medical.

PEEK fasteners withstand extreme temperatures, aggressive chemicals, and high-stress environments, making them a superior alternative to traditional metal fasteners in specialised applications.



## Materials & Technical



**Natural Polyether ether ketone (PEEK). Beige.**  
A high performance plastic with very good durability, wear resistance and chemical resistance. Performs well at temperatures up to 260°C.



**Polyether ether ketone (PEEK). Blue.**  
Manufactured for industries with a hygienic requirement, eg food processing, these products are made with an x-ray opaque or metal detectable filler, in blue, for optical detection.



**Polyether ether ketone (PEEK). Green.**  
Manufactured primarily for medical industry applications, these products are in a variant of PEEK which is refined for biocompatibility.

## In-House

As well as manufacturing our PEEK fasteners in-house, we make and stock a wide range of other precision fasteners; captive, shoulder and vented screws among others. We can custom make special executions of our standard fasteners, varying thread length, thread size and material with an extremely efficient production time. Get in touch with our technical team to discuss your ideas and see how we can help you with your project.



### Shoulder Screws

A vast lineup of shoulder screws in different materials and head styles.



### Vented Screws

The highest quality vented fasteners, made in Chichester, for your application.



### Captive Screws

Our popular range of captive screws, ideal for panel applications.



### Low Head Screws

Wide range suitable for weight-sensitive applications such as aerospace.



### Sealing Screws

We are the only manufacturers in Europe for Integral O-ring Sealing Screws.