



# Brass Electrical Fittings | OK Engineers

Precision, Durability & Innovation in Every Component

# Setting the Standard in Brass Electrical Fittings

Today, we'll explore why brass is the material of choice for electrical fittings, showcase OK Engineers' diverse product range, and highlight our unwavering commitment to quality and innovation.

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## Why Brass?

Understanding the Material Advantages

02

## Diverse Product Range

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## The OK Engineers Advantage

Quality, Precision & Global Reach

# Why Brass? The Ideal Material for Electrical Fittings

Brass, an alloy of copper and zinc, is highly prized for its excellent electrical conductivity and superior corrosion resistance. This makes it an indispensable material in the electrical industry, especially in environments prone to moisture or chemical exposure.

Its inherent durability ensures long-lasting performance, even under high temperatures and in harsh environmental conditions. Unlike other metals, brass maintains its structural integrity and electrical properties over time, reducing the need for frequent replacements.

Furthermore, brass is naturally antimicrobial and easy to maintain, contributing to cleaner and safer electrical systems in both industrial and residential settings. Its aesthetic appeal also allows for seamless integration into visible applications.



# Key Benefits of Brass in Electrical Applications



## Exceptional Conductivity

Minimizes energy loss and ensures efficient power transmission.



## Corrosion Resistance

Withstands harsh environments, preventing degradation and ensuring reliability.



## High Durability

Offers extended lifespan, reducing maintenance and replacement costs.



## Thermal Stability

Performs reliably across a wide range of operating temperatures.

# Diverse Brass Electrical Fittings by OK Engineers

OK Engineers offers a comprehensive array of brass electrical fittings, designed to meet the stringent demands of various applications. Each product category is engineered for optimal performance, safety, and longevity.

1

## Connectors & Terminals

Designed for secure, low-resistance wire connections, crucial for efficient power flow and preventing overheating.

2

## Cable Glands & Conduit Fittings

Provide robust protection for wiring against dust, moisture, and mechanical damage, ensuring system integrity.

3

## Grounding Clamps & Busbars

Essential for safety, offering reliable grounding and efficient power distribution within electrical panels.

4

## Switches, Sockets & Panelboard Fittings

Combine functionality with aesthetic appeal, suitable for both commercial and residential electrical installations.

# Applications Across Industries



OK Engineers' brass fittings are trusted in diverse sectors, including automotive, lighting, marine, and telecommunications, thanks to their adaptability and superior performance in critical applications.

# OK Engineers: Excellence in Brass Precision Components

With over 60 years of expertise and an ISO 9001:2015 certification, OK Engineers stands as a beacon of global quality. Our long-standing experience ensures that every brass component meets the highest international standards for performance and reliability.

We leverage advanced CNC machining to deliver components with high tolerance, seamless finishes, and the capability to produce complex custom parts. This technology enables us to achieve unparalleled precision, critical for modern electrical applications.

As a trusted supplier and exporter, our products reach markets across the USA, Germany, UK, and beyond. Our global footprint is a testament to the consistent quality and trust clients place in our offerings.

Our comprehensive product range is meticulously tailored for various industries, including electrical, automotive, lighting, and sanitary. This versatility allows us to cater to diverse client needs with specialized solutions.



# Our Commitment to Quality and Innovation

At OK Engineers, quality is not just a standard; it's our heritage. We continually invest in R&D to push the boundaries of brass component manufacturing, ensuring our clients receive cutting-edge solutions.

**60+**

**Years of Expertise**

**ISO**

**9001:2015 Certified**

**1M+**

**Components Produced  
Annually**



# The OK Engineers Advantage: Reliable Brass Fittings for Every Electrical Need

## **1 Enhanced Safety & Longevity**

Superior material and craftsmanship lead to safer, longer-lasting electrical installations, reducing risks and replacements.

## **2 Cost-Effective Solutions**

Precision engineering minimises maintenance needs and costly downtime, delivering long-term value.

## **3 Rigorous Quality Control**

Every product undergoes stringent checks, backed by customer-centric innovation to meet evolving demands.

## **4 Partner for Success**

Collaborate with OK Engineers for world-class brass electrical fittings that truly power your operations and contribute to your success.