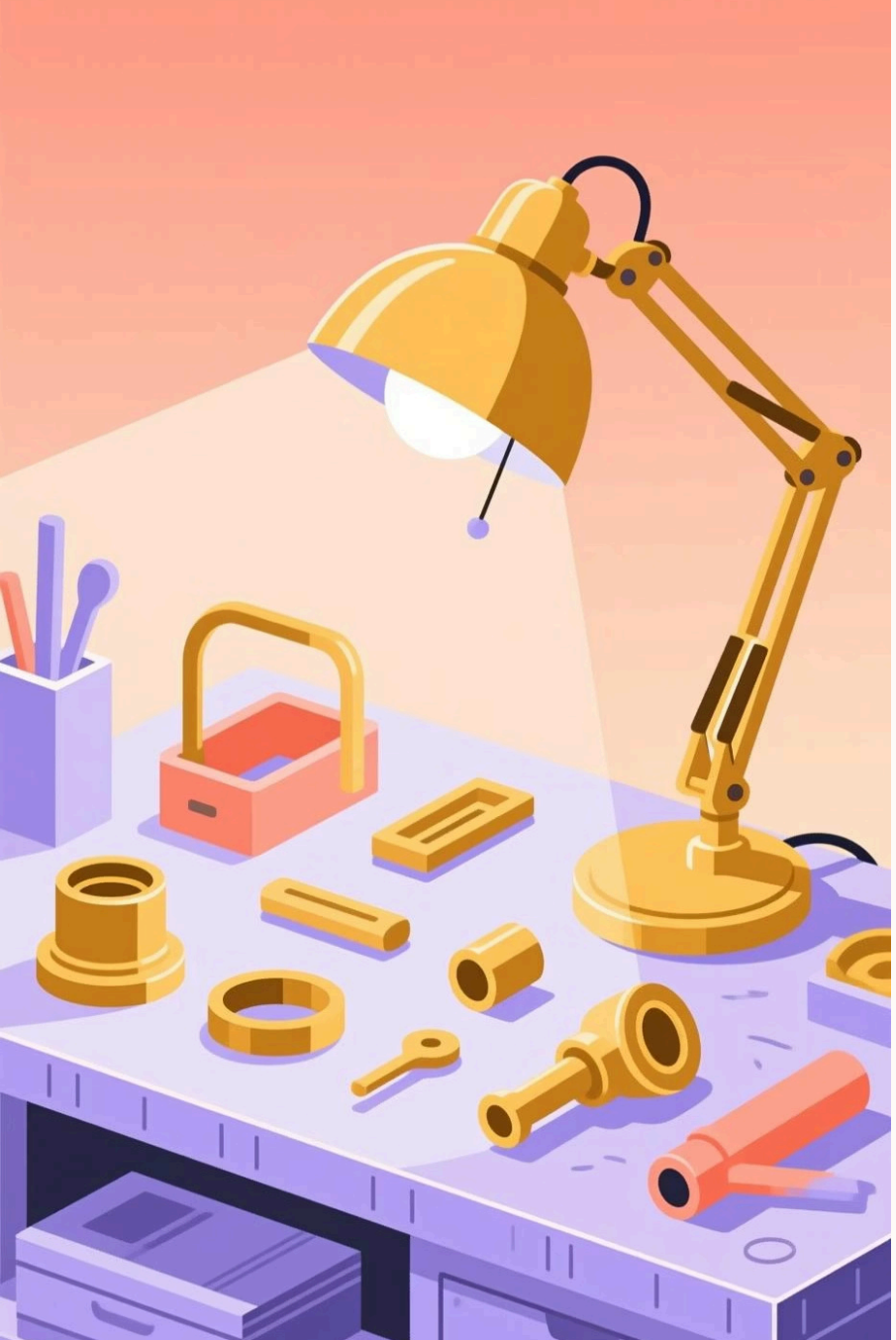


Brass Lamp Components | Ok Engineers

A technical guide to the structural anatomy and material properties of classic lighting fixtures.

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Essential Brass Lamp Parts Overview

In the world of lamp engineering, **brass** remains the gold standard. It is not merely an aesthetic choice but a functional one, prized for its unique combination of mechanical durability and natural corrosion resistance.

Understanding the interplay between these components is essential for designing fixtures that are both structurally sound and visually cohesive.



Material Excellence

Brass offers superior tensile strength and corrosion resistance, ensuring fixtures withstand the test of time.

Component Hierarchy

The assembly relies on a precise ecosystem of parts: Base, Neck, Socket, Harp, Finial, and Cord fittings.

Critical Function

Every component serves a dual purpose: contributing to the lamp's structural integrity while defining its style.

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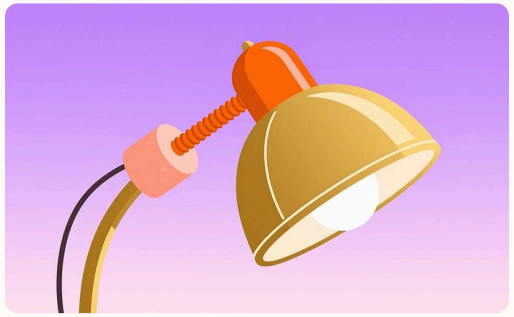
Core Components and Their Functions

A detailed breakdown of the primary structural elements required for high-quality lamp assembly.



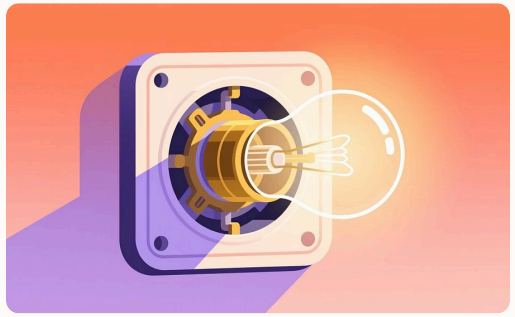
The Base

The foundation of the fixture. Ideally cast in heavy brass to provide a low center of gravity and prevent tipping.



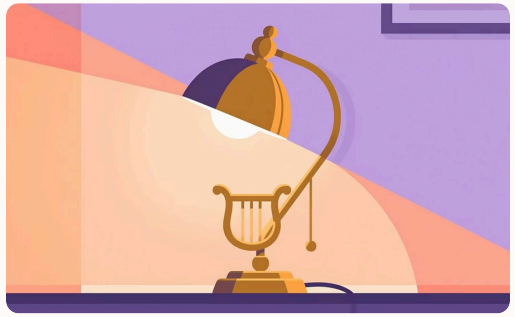
Neck & Lamp Rod

The structural spine connecting the base to the socket. The hollow rod acts as a conduit for internal wiring.



The Socket

The electrical heart of the lamp. Solid brass shells ensure safety, heat dissipation, and longevity.



Harp & Finial

The shade support system. The harp frames the bulb, while the finial locks the shade in place with a decorative flourish.

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Additional Brass Parts & Accessories

Beyond the core structure, a successful build requires precision hardware for customization and adaptation.

Customization Hardware

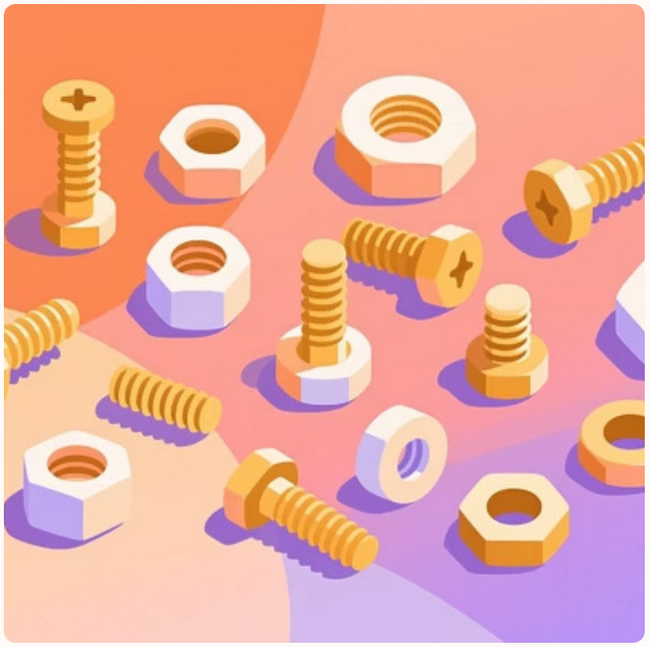
Fine-tune the assembly with caps, decorative knobs, lock nuts, spindles, and couplings. These small parts are crucial for securing elements and adding refined detail.

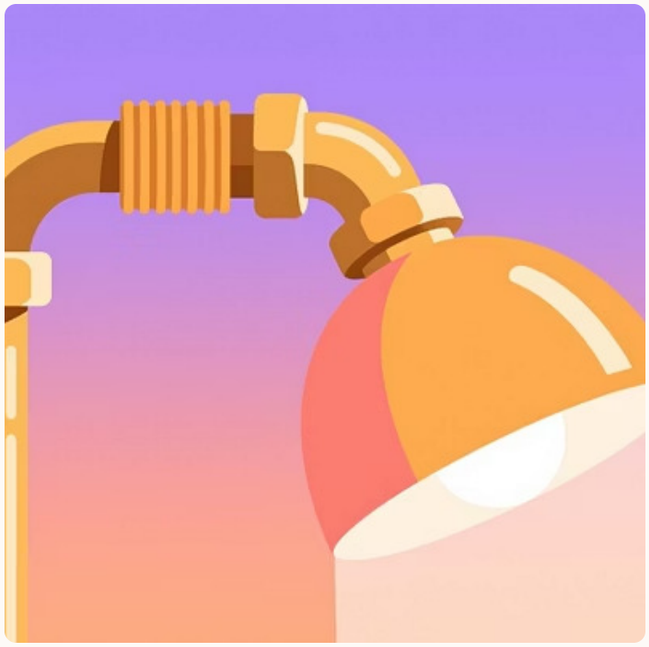
Adaptation & Connection

Threaded reducers and connectors allow for the integration of disparate parts, enabling engineers to adapt vintage components to modern standards.

Sourcing Heritage

Reliable supply chains matter. Suppliers like **Grand Brass Lamp Parts** provide extensive inventories backed by history dating back to 1913.







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Why Choose Brass for Lamp Engineering?

Mechanical Strength & Finish

Brass provides the perfect balance of industrial strength and elegant finishing, resisting wear while maintaining a classic luster.



Machinability

It is a dream material for bespoke projects, easily machined, threaded, and customized without compromising structural integrity.

Professional Trust

From restoration experts to modern designers, professionals rely on brass for both new builds and historical preservation.

Ready to build? Explore detailed parts, diagrams, and expert support at grandbrass.com.

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