



## Solid Drawn Brass Butt Hinge (76 x 40 x 1.5mm) – Brass

Variant code: HSD3

### Premium Solid Drawn Brass Butt Hinge | 76mm x 40mm x 1.5mm

Upgrade your cabinetry and interior doors with the timeless reliability of our **Solid Drawn Brass Butt Hinge**. Engineered for those who value both form and function, this hinge is manufactured using a "solid drawn" process. Unlike cheaper pressed alternatives, solid drawn brass offers superior strength, tighter tolerances, and a seamless finish that ages beautifully.

Measuring **76mm (3") in height** and **40mm in width**, with a precise **1.5mm thickness**, this hinge is the "gold standard" for medium-weight internal doors, high-end wardrobes, and bespoke furniture projects.

#### Product Specifications

- **Material:** 100% Solid Drawn Brass (Corrosion-resistant)
- **Dimensions:** 76mm (Height) x 40mm (Open Width)
- **Thickness:** 1.5mm
- **Finish:** Natural Polished Brass
- **Pin Type:** Fixed Pin for enhanced security and stability
- **Durability:** High wear resistance, ideal for high-traffic residential use

#### Why Choose Solid Drawn Brass?

- **Seamless Construction:** The "drawn" manufacturing process ensures the metal is extruded into shape, resulting in a grain structure that is significantly stronger than cast or pressed brass.
- **Corrosion Resistance:** Perfect for coastal environments or humid rooms (like kitchens and bathrooms) where

steel hinges might rust.

- **Smooth Operation:** The precision-machined knuckles provide a whisper-quiet swing, reducing friction and preventing "hinge sag" over time.
- **Aesthetic Longevity:** Can be polished to a mirror shine or allowed to develop a natural, sophisticated patina over the years.

## Installation Hints & Pro-Tips

- **Pre-Drill is Essential:** Brass is a softer metal than steel. When installing, always pre-drill your pilot holes and use a steel "lead screw" to thread the wood first. This prevents the heads of your decorative brass screws from snapping.
- **Check Your Clearance:** At 1.5mm thick, ensure your "mortise" (the recess cut into the door and frame) is depth-matched to ensure a flush fit and a tight "reveal" when the door is closed.
- **Orientation Matters:** Always install with the knuckle facing the direction the door opens.

## Frequently Asked Questions (FAQ)

**Q: Is this hinge suitable for heavy external doors?**

**A:** While incredibly strong for its size, a 76mm x 1.5mm hinge is best suited for **standard internal doors, heavy cupboards, or shutters**. For heavy-duty solid oak external doors, we recommend moving up to a 100mm (4") ball-bearing brass hinge.

**Q: Does it come with screws?**

**A:** Most premium solid brass hinges are sold without screws to allow you to choose the length that fits your specific door thickness. We recommend using **No. 8 Gauged Wood Screws**.

**Q: Will the brass tarnish over time?**

**A:** Yes, being authentic solid brass, it will naturally oxidise into a deep, rich bronze tone. If you prefer the bright gold look, a quick buff with a specialized brass cleaner will restore its original luster.

## Q&A for Semantic Search

**What are the benefits of using a 76mm brass butt hinge for interior design?** The 76mm (3 inch) size is the most versatile dimension for residential interior doors. Using solid brass specifically adds a "luxury hardware" feel that increases the perceived value of the home while providing a rust-proof solution that lasts decades longer than zinc-plated alternatives.

**What is the difference between a pressed brass hinge and a solid drawn brass hinge?** Pressed hinges are stamped from thin sheets and often have hollow knuckles, making them prone to bending. **Solid drawn hinges** are extruded from solid blocks of brass, offering a much higher load-bearing capacity and a precision fit that prevents door rattling.