



High Performance Ball Race Butt Hinge inc Screws 100 x 65mm – Polished Brass Unlacquered

Variant code: 1540.PBU

The **High-Performance Brass Ball Race Butt Hinge** is a substantial architectural hinge designed for **medium to heavy-weight flush doors**. Measuring **100 x 65mm** and finished in distinctive **Aged Brass**, it combines traditional decorative styling with a robust ball race construction for quality door and architectural joinery applications.

The hinge incorporates **brass ball races running in hardened steel cups**, providing a bearing arrangement designed to support smooth movement in suitable door installations. A **stainless steel pin**, substantial **3.5mm material thickness** and **9.2mm knuckle diameter** complement the hinge's construction, while its manufacturer-specified **60kg load capacity** makes it suitable for appropriate medium to heavy-weight flush doors.

Finished in characterful **Aged Brass** and featuring decorative **brass Button Tip ends**, the hinge offers a traditional architectural appearance suited to period-inspired and classic interior schemes. Suitable for **right- and left-hand applications**, it is also backed by a **10-year performance guarantee**, providing additional confidence when specified for appropriate door installations.

Product Features

- **High-performance brass ball race butt hinge** for architectural door applications
- Suitable for **medium to heavy-weight flush doors**
- Overall dimensions of **100 x 65mm**
- Traditional **Aged Brass** finish
- **Brass ball races running in hardened steel cups**
- Features a **stainless steel pin**
- Decorative **brass Button Tip ends**
- Manufacturer-specified **60kg load capacity**
- **9.2mm knuckle diameter**
- Substantial **3.5mm material thickness**

- Suitable for **right- and left-hand applications**
- Backed by a **10-year performance guarantee**
- **Security bolt and radius corner options** available within the hinge range

Product Benefits

- **60kg load capacity** provides substantial support for appropriately specified medium to heavy-weight flush doors
- **Ball race construction** helps reduce friction and supports smooth hinge movement during door operation
- **Aged Brass finish** provides a distinctive traditional appearance for period-inspired and classic interior schemes
- **10-year performance guarantee** provides additional confidence in long-term hinge performance
- Substantial **3.5mm material thickness** complements the hinge's intended medium to heavy-weight door applications
- **Stainless steel pin** forms part of the hinge's robust architectural construction
- Decorative **brass Button Tip ends** enhance its traditional architectural appearance
- Suitable for both **right- and left-hand installations**, providing flexibility across different door configurations

Technical Characteristics

- **Product Type:** Ball Race Butt Hinge
- **Material:** Brass
- **Finish:** Aged Brass
- **Bearing Construction:** Brass Ball Races Running in Hardened Steel Cups
- **Pin Material:** Stainless Steel
- **End Style:** Brass Button Tip Ends
- **Overall Length:** 100mm
- **Overall Width:** 65mm
- **Material Thickness:** 3.5mm
- **Knuckle Diameter:** 9.2mm
- **Load Capacity:** 60kg
- **Handing:** Right & Left Hand
- **Performance Guarantee:** 10 Years
- **Suitable For:** Medium to Heavy-Weight Flush Doors

Applications

The **High-Performance Brass Ball Race Butt Hinge** is designed for **medium to heavy-weight flush doors** requiring a substantial architectural hinge with a ball race bearing arrangement. Its **100 x 65mm dimensions, 60kg load capacity, 3.5mm material thickness** and traditional **Aged Brass finish** make it particularly suitable for **quality interior door installations, period-inspired properties, refurbishment projects, traditional interiors and bespoke architectural joinery** where dependable performance and decorative detailing are equally important.

Property	Value
Finish	Polished Brass Unlacquered
Load Capacity (kg)	60
Overall Length (mm)	100
Thickness (mm)	3.5
Overall Width (mm)	65
Screws (Required Qty)	8
Screws (Gauge)	10
Screws (mm)	9.5 x 32
Knuckle Diameter (mm)	9.2