SWS HARDWARE

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Brass Ball Race Butt Hinge with Ball Finial - 76.2mm x 51.2mm - Antique Brass (UK502)

Variant code: 1610.BALL.AB

The **Brass Ball Race Butt Hinge with Ball Finial** is a premium architectural hinge designed for **medium to heavy-weight flush doors**. Measuring **76.2 x 51.2mm** and finished in traditional **Antique Brass**, it combines a high-performance ball race construction with decorative detailing for door installations where both functionality and classic appearance are important.

The hinge incorporates **brass ball races running in hardened steel cups**, providing a bearing arrangement designed to support smooth hinge movement in suitable door installations. A **stainless steel pin**, substantial **3mm material thickness** and **7.8mm knuckle diameter** complement the construction, while the manufacturer-specified **40kg load capacity** makes it suitable for appropriate medium to heavy-weight flush doors.

Decorative **Ball Finial detailing** enhances the traditional appearance of the hinge, while the warm **Antique Brass finish** makes it particularly well suited to period-inspired interiors, renovation projects and traditional architectural joinery. The hinge is suitable for **right- and left-hand applications** and is backed by a **10-year performance guarantee** for additional confidence in long-term performance.

Product Features

- **Premium brass ball race butt hinge** with decorative Ball Finial styling
- Suitable for **medium to heavy-weight flush doors**
- Exact dimensions of **76.2 x 51.2mm**
- Traditional **Antique Brass finish**
- **Brass ball races running in hardened steel cups**
- Features a **stainless steel pin**
- Manufacturer-specified **40kg load capacity**
- **7.8mm knuckle diameter**

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- **3mm material thickness**
- Decorative **Ball Finial design** for traditional architectural styling
- 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

- **Ball race construction helps reduce friction and supports smooth hinge movement on suitable medium to heavy-weight flush doors**
- **40kg load capacity provides dependable support for appropriately specified door installations**
- **Antique Brass finish and Ball Finial detailing provide a classic architectural appearance ideal for traditional interiors**
- **10-year performance guarantee** provides additional confidence in long-term hinge performance
- Substantial **3mm 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
- Suitable for both **right- and left-hand installations** for greater project flexibility
- Decorative styling makes it particularly suitable for **period properties, refurbishment projects and bespoke traditional joinery**

Technical Characteristics

- **Product Type:** Ball Race Butt Hinge with Ball Finial
- **Material:** Brass
- **Finish:** Antique Brass
- **Finial Style:** Ball Finial
- **Bearing Construction:** Brass Ball Races Running in Hardened Steel Cups
- **Pin Material:** Stainless Steel
- **Overall Length:** 76.2mm
- **Overall Width:** 51.2mm
- **Material Thickness:** 3mm
- **Knuckle Diameter:** 7.8mm
- **Load Capacity:** 40kg
- **Handing:** Right & Left Hand
- **Performance Guarantee:** 10 Years

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- **Suitable For:** Medium to Heavy-Weight Flush Doors

Applications

The **Brass Ball Race Butt Hinge with Ball Finial** is designed for **medium to heavy-weight flush doors** where dependable hinge performance and decorative traditional styling are required. Its **76.2 x 51.2mm dimensions**, **40kg load capacity**, ball race construction and distinctive **Antique Brass finish** make it particularly suitable for **period properties, traditional interiors, renovation and refurbishment projects, quality interior doors and bespoke architectural joinery**. The decorative **Ball Finial** adds an additional classic detail for projects where the hinge forms a visible part of the overall door hardware scheme.

Property	Value
Finish	Antique Brass
Overall Length (mm)	76.2
Thickness (mm)	3
Overall Width (mm)	51.2
Screws (Required Qty)	6
Screws (Gauge)	8
Screws (mm)	8.1 x 25.4
Knuckle Diameter (mm)	7.8