



TRITECH Concealed Bearing High Performance Hinges inc Screws – 101.6 x 100mm – Midnight

Variant code: 1760.MID

The **TRITECH Concealed Bearing High Performance Projection Hinge** is a premium **solid brass hinge** designed for demanding **heavy weight flush door** applications. Measuring **101.6 x 100mm**, its projection hinge design provides a robust and dependable solution for substantial doors where smooth operation and long-term durability are required.

Featuring a **high performance concealed bearing system**, the hinge is engineered to provide smooth and reliable movement during regular opening and closing. With a **weight carrying capacity of up to 160kg**, it is particularly suited to heavy weight flush doors in demanding commercial, public and professional architectural environments.

Manufactured from **solid brass**, this high-performance hinge combines robust construction with a **maintenance-free design** to help minimise ongoing servicing requirements. A **25-year performance guarantee** provides long-term assurance, while **security bolt and radius corner options** are available to accommodate different door and installation requirements.

Product Features

- **High performance concealed bearing projection hinge**
- **101.6 x 100mm** hinge dimensions
- Manufactured from **solid brass**
- Designed for **heavy weight flush doors**
- **Weight carrying capacity up to 160kg**
- **Concealed bearing system** for smooth operation
- Designed to be **maintenance free**
- Backed by a **25-year performance guarantee**
- **Security bolt option** available
- **Radius corner options** available

Product Benefits



- **Up to 160kg weight carrying capacity** provides dependable support for heavy weight flush doors
- **High performance concealed bearing system** promotes smooth and reliable door movement
- **Solid brass construction** provides a robust solution for demanding door installations
- **Projection hinge design** provides additional clearance where required by the door configuration
- **Maintenance-free design** helps minimise ongoing servicing requirements
- **Security bolt and radius corner options** provide flexibility for different installation requirements
- **25-year performance guarantee** provides confidence in long-term performance

Technical Characteristics

- **Product Type:** Concealed Bearing Projection Hinge
- **Material:** Solid Brass
- **Dimensions:** 101.6 x 100mm
- **Bearing Type:** High Performance Concealed Bearing
- **Weight Carrying Capacity:** Up to 160kg
- **Suitable For:** Heavy Weight Flush Doors
- **Maintenance:** Maintenance Free
- **Performance Guarantee:** 25 Years
- **Additional Options:** Security Bolt & Radius Corners Available

Applications

The **TRITECH Concealed Bearing High Performance Projection Hinge** is designed for **heavy weight flush doors** in demanding commercial, public and architectural environments. Combining **solid brass construction, a high performance concealed bearing system and a weight carrying capacity of up to 160kg**, it provides a durable solution for high-use door installations where **smooth movement, dependable support and long-term performance** are required.



Property	Value
Finish	Midnight
Load Capacity (kg)	160
Overall Length (mm)	100
Thickness (mm)	3.5
Projection (mm)	50
Overall Width (mm)	101.6
Screws (Required Qty)	10
Screws (Gauge)	10
Screws (mm)	9.5 x 32
Knuckle Diameter (mm)	13