



Grade 14 High Performance Butt Hinge – 102 x 76mm – Polished Stainless Steel – Radiused Corners

Variant code: 2205.01R.PSS

Grade 14 High Performance Butt Hinge is a premium heavy-duty hinge engineered for demanding commercial and residential door applications. Certified to **BS EN 1935:2002 Grade 14**, it delivers exceptional strength, durability and smooth operation, making it ideal for high-traffic environments. Finished in **Polished Stainless Steel (PSS)**, the hinge provides a bright, contemporary appearance while offering excellent corrosion resistance and long-lasting performance.

Manufactured in a **102 x 76mm** format, this high-performance butt hinge is available with either **square** or **radiused corners**, providing flexibility to suit different door preparations. Featuring a **self-lubricating bearing system**, it requires minimal maintenance while ensuring consistently smooth door movement throughout its service life. Designed to support doors weighing up to **160kg**, the hinge is **CE & UKCA marked** and **Certifire approved**, offering confidence for use in fire door and specification-led projects. **Intumescent hinge pads are available separately** for fire-rated installations where required.

Combining high performance, recognised certification and durable stainless steel construction, this Grade 14 butt hinge is a dependable solution for architects, contractors and facilities managers seeking premium architectural ironmongery.

Product Features

- **Grade 14 high performance butt hinge**
- Certified to **BS EN 1935:2002 Grade 14**
- **102 x 76mm** hinge size
- Available with **Square** or **Radiused** corners
- **Polished Stainless Steel (PSS)** finish
- **Self-lubricating** for smooth operation
- **Low maintenance** design
- Suitable for doors weighing up to **160kg**
- **CE & UKCA marked**
- **Certifire approved**
- **Intumescent hinge pads available**

separately

Product Benefits

- Designed for demanding commercial and high-use environments
- Smooth, self-lubricating operation reduces ongoing maintenance
- Supports heavy doors up to 160kg
- Choice of square or radiused corners accommodates different door preparations
- Polished stainless steel finish provides a premium architectural appearance
- Corrosion-resistant construction ensures long service life
- Certified to recognised UK and European standards for confidence in specification
- Compatible with fire door installations when used with appropriate intumescent hinge pads

Technical Characteristics

- **Product Type:** High Performance Butt Hinge
- **Performance Grade:** Grade 14
- **Standard:** BS EN 1935:2002 Grade 14
- **Hinge Size:** 102 x 76mm
- **Corner Options:** Square or Radiused
- **Material:** Stainless Steel
- **Finish:** Polished Stainless Steel (PSS)
- **Maximum Door Weight:** Up to 160kg
- **Operation:** Self-Lubricating
- **Certification:** CE Marked, UKCA Marked, Certifire Approved
- **Fire Door Accessory:** Intumescent Hinge Pads Available Separately

Applications

The **Grade 14 High Performance Butt Hinge** is ideal for **commercial offices, schools, hospitals, hotels, apartment buildings, retail premises, public buildings and high-quality residential developments**. Suitable for **medium to heavy-duty timber doors weighing up to 160kg**, it provides smooth, reliable operation with minimal maintenance. Available with **square or radiused corners**, the hinge offers installation flexibility while its **Polished Stainless Steel finish, Grade 14 certification, and CE, UKCA and Certifire approvals** make it an excellent choice for specification-led and fire door projects.

Property	Value
Finish	Polished Stainless Steel (PSS)
Length (mm)	102
Height (mm)	76
Material	Stainless Steel
Max Door Weight (kg)	Up to 160kg
Certification	CE Marked, UKCA Marked, CERTIFIRE Approved
Thickness (mm)	3.4
Product Type	High Performance Butt Hinge
Standards Tested	BS EN 1935:2002 Grade 14
Bearing Type	Self Lubricating
Corner Type	Radius