SWS HARDWARE

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Grade 14 High Performance Butt Hinge - 102 x 76mm - Satin Stainless Steel - Radiused Corners

Variant code: 2205.01R.SSS

Grade 14 High Performance Butt Hinge is a premium heavy-duty architectural hinge designed for demanding commercial and residential applications. Certified to **BS EN 1935:2002 Grade 14**, it delivers exceptional strength, smooth operation and long-term durability for high-frequency use. Finished in **Satin Stainless Steel (SSS)**, the hinge provides a modern, understated appearance while offering excellent corrosion resistance for 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 and installation requirements. Its **self-lubricating bearing system** ensures consistently smooth door movement with minimal maintenance, while its robust construction is suitable for doors weighing up to **160kg**. The hinge is **CE & UKCA marked** and **Certifire approved**, making it suitable for specification-led and fire door projects. **Intumescent hinge pads are available separately** where required for fire-rated door assemblies.

Combining recognised certification, low-maintenance operation and premium stainless steel construction, this Grade 14 butt hinge is an excellent choice for architects, contractors and facilities managers seeking reliable, high-performance 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
- **Satin Stainless Steel (SSS) finish**
- **Self-lubricating** bearing system
- **Low maintenance** operation
- Suitable for doors weighing up to **160kg**
- **CE & UKCA marked**
- **Certifire approved**
- **Intumescent hinge pads available**

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separately

Product Benefits

- Provides reliable performance for demanding commercial environments
- Self-lubricating design reduces maintenance requirements
- Supports heavy doors up to 160kg
- Choice of square or radiused corners suits different door preparations
- Satin stainless steel finish complements modern architectural interiors
- Corrosion-resistant construction ensures long service life
- Certified to recognised UK and European standards for specification confidence
- Suitable for 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:** Satin Stainless Steel (SSS)
- **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 **offices, hospitals, schools, hotels, apartment buildings, retail premises, public buildings and residential developments**. Suitable for **medium to heavy-duty timber doors weighing up to 160kg**, it delivers smooth, dependable operation with minimal maintenance. Available with **square or radiused corners**, the hinge provides installation flexibility while its **Satin Stainless Steel finish**, **Grade 14 certification**, and **CE, UKCA and Certifire approvals** make it an ideal solution for specification-led projects and fire door applications.

Property	Value

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Property	Value
Finish	Satin Stainless Steel
Length (mm)	102
Height (mm)	76
Material	Grade 201 Stainless Steel
Max Door Weight (kg)	Up to 160 kg
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