



# GLEAM

Architectural Hardware



**PRODUCT**  
**BROCHURE**

contact us:

**EXPORT HARDWARE**

Quality the World Trusts



## ABOUT US

Gleam Architectural Hardware UK Ltd, a London-based company, designs and produces a variety of door hardware, such as mortise locks, lever handles, cylinders, exit devices, door closers, hinges, and builder's hardware. Thanks to constant research, creative design, and cutting-edge technology, we now rank among the top producers of extremely trustworthy goods with a high aesthetic value. We make sure that every product is reviewed and certified in compliance with industry standards that are third-party, internationally renowned testing institutes that are independent. At every level of production, the people who made the product consider quality. Every employee participates in a culture of continuous quality control and is responsible for their part in the development and production of the product, from design to machine operation to assembly to inspection. Both form and function define Gleam products.

Every employee participates in a culture of continuous quality control and is responsible for their part in the development and production of the product, from design to machine operation to assembly to inspection. Both form and function define Gleam products. The opportunity to be your go-to top architectural hardware specifier, distributor, and technical service provider for the global construction industry will be an honor for Gleam. We not only offer top-notch products but also a diversity of product expertise at rates that are unequalled in the hardware industry. Whether they are brand-new constructions or renovations, good buildings will always need great quality fittings, and Gleam will be there to supply them.

Reach out to us for comprehensive information and technical support services which are available by contacting:

Tel : +44 20 3286 7228

Email : [info@gleamhardware.co.uk](mailto:info@gleamhardware.co.uk)

**Gleam**



[www.gleamhardware.co.uk](http://www.gleamhardware.co.uk)

Architectural Hardware





## ICON LEGEND



Using the UK Conformity Assessed (UKCA) label, products marketed in Great Britain are said to be in compliance with the relevant regulations.



A product must bear the CE marking in order to be considered compliant when it is placed on the market. The CE marking on a product signifies to the producer that the product complies with the relevant Construction Products Directive's fundamental requirements.



Suitable for use on fire doors.



BS EN1935 is the British/European Standard requirement for single axis hinges.



BS EN12209 is the British/ European Standard requirement for locks, latches and locking plates.



This British/European standard specifies a method for determining the fire resistance of door and shutter assemblies and openable windows.



BS EN1906 is the British/ European Standard requirement for lever handles and knob furniture.



BS EN1303 is the British/ European Standard requirement for cylinders for locks.



BS EN1154 is the British/European Standard requirement for controlled door closing devices.



BS EN1125 is the British/ European Standard requirement for panic exit devices.



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## CERTIFICATE OF APPROVAL

### No CF 6084

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This is to certify that, in accordance with TS00 General Requirements for Certification of Fire Protection Products The undermentioned products of

## Gleam Architectural Hardware (UK) LTD

71-75 Shelton Street, London. WC2H 9JQ UNITED KINGDOM  
Tel: +447912286488

Have been assessed against the requirements of the Technical Schedule(s) denoted below and are approved for use subject to the conditions appended hereto:

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#### CERTIFIED PRODUCT

Gleam Architectural Hardware  
Steel Hinges

#### TECHNICAL SCHEDULE

TS24 The Contribution of  
Single Axis Hinges to the Fire  
Resistance of Door Assemblies

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 21<sup>st</sup> April 2022  
Valid to:

Page 1 of 10



This certificate is the property of Warringtonfire Testing and Certification Limited





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## CERTIFICATE OF APPROVAL

### No CF 6085

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This is to certify that, in accordance with TS00 General Requirements for Certification of Fire Protection Products The undermentioned products of

## Gleam Architectural Hardware (UK) LTD

71-75 Shelton Street, London. WC2H 9JQ UNITED KINGDOM  
+447912286488

Have been assessed against the requirements of the Technical Schedule(s) denoted below and are approved for use subject to the conditions appended hereto:

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### CERTIFIED PRODUCT

Range of Tubular Latches, and  
Mortice Locks and Latches

### TECHNICAL SCHEDULE

TS23 The Contribution of  
Locks and Latches to The  
Performance of Fire  
Resisting Doorsets

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan  
Certification Manager



Issued: 11<sup>th</sup> June 2022  
Valid to: 28<sup>th</sup> April 2027

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## Hinges : Introduction

A hinge is a exible joint or device that connects unrelated objects or serves as the pivot point for the opening and closing of a door, gate, or lid. The hinges from Gleam have BS EN 1935 certi cation and can resist heavy use. The majority of our hinges can be used with door closers and will contribute to the door's smooth operation. The following should be possible for a hinge to accomplish:

- Fix the window or door to the frame.
- Carry the door's weight without sagging.
- Give the door room to swing freely and with little resistance.
- Withstand the pressure that door closers apply to it and through it.
- Do all of the above for a long time.

The key parts of a hinge are as follows:

- Two aps
- Knuckles
- Hinge Pin
- Holes for the screw xings

## CE Marking

A European Commission directive known as the Construction Products Directive governs single axis hinges used on smoke- and re-resistant doors. As a result, this criterion is viewed as being "harmonised," and applying the CE mark is permitted if it is met and is supported by su cient proof.

Due to the crucial safety role that re/smoke door hinges play, a noti able certi cation authority will need to be involved in the CE mark application process to verify the compliance claims. This will entail the product being initially type-tested in accordance with EN 1935, the manufacturer's factory production control being initially inspected, and the factory production control being continuously monitored and approved. The noti ed authority issues an EC Certi cate of Conformity upon successful completion of these procedures, allowing the maker to certify compliance and apply the CE label to his product.





## Technical Considerations

### Door Size, Door Weight, Location and Intended Use

To choose the right hinge, many factors must be taken into consideration. Although the majority of situations are straightforward and present few problems, specifiers must be aware of when extra care is required to ensure long-lasting and trouble-free operation. The article is aimed to illustrate some of the potential trouble locations and clarify certain underlying principles, even though it is impossible to be prescriptive due to the wide variety of conditions that exist.

### Considerations for Choosing Hinges:

- Is it an exit for emergencies, re-entries, or smoke?
- How much does the door weigh, and what are the door's dimensions (height, breadth, and thickness)?
- What materials were utilized to construct the door, and are there any distinguishing characteristics that could affect the hinges?
- In what location is the door, for instance, whether it is internal or external; is it near the ocean or a swimming pool?
- What type of environment, such as a school hallway, office, or hospital, would the door be exposed to in terms of use or abuse?
- What additional hardware, such as door closers or door stops, will be installed, and how might it affect the hinge's functionality?
- Any additional peculiar characteristics, such as a bifold door or a door with a radius top.

### Forces Operating on the Door:

The hinge must contend with two primary forces. The vertical load; and, as hinged doors are side-hung, the horizontal or lateral load. The gross door weight directly causes the vertical load. The following causes the horizontal load:

- The door's mass
- The ratio of door height to width.
- The location of the hinges.

The larger the side load that the hinges and their attachments must support, the wider the door must be in relation to its height.

## Ball Bearing Butt Hinges

### Product Description :

- Ball bearing race ideal for improved quality.
- Square corners.
- 304 stainless steel provides improved corrosion resistance.
- Also available in Grade SS316 upon request.
- Available with Template or ZigZag xing pattern:  
Please specify requirement on order.
- Available with timber (W) or metal (M) door xings:  
Please specify requirement on order.
- Dog bolt hinges for additional security (D).
- 2 ball bearing hinge.
- Non handed.
- 10 Year's Guarantee
- Door opening angle of 180



ITEM CODE	SIZE	LENGTH	WIDTH	THICKNESS
GH433BB-SS	4"X3"	101	76	3.0
GH4353BB-SS	4"X3.5"	101	90	3.0
GH443BB-SS	4"X4"	101	101	3.0
GH4543.4BB-SS	4.5"X4"	114	101	3.4
GH533BB-SS	5"X3"	125	76	3.0
GH633BB-SS	6"X3"	150	76	3.0



### Finishes :

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.

### Standards :

- Certi re certi cate number 6084
- EN 1935:2002 performance-tested to 200,000 cycles on 120 kg door mass
- Butt hinges according to BS EN 1935 with a hinge grading of 13

### Applications :

High performance butt hinge for metal and hardwood doors that ush-close in heavy demanding applications.

## Adjustable Concealed Hinge

### Product Description :

- Weight limit for doors : 120KG.
- Handing : Right or Left.
- Minimum Door Thickness : 40KG.
- Opening inclination: 180 degrees.
- CE Marked : Yes
- Suitable for Fire Doors : Timber FD90.
- 3-dimensional adjustment for better alignment between door and frame.
- Mounting cover plate included.

### Finishes :

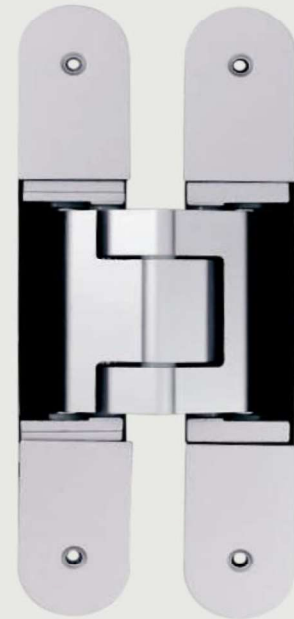
Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.

### Standards :

High Corrosion Resistance tested according to EN1670:2007  
200,000 cycles tested on 120kg door mass according to EN1935: 2002

### Applications :

Gleam's concealed hinge enables unrebated doors to fit completely flush and integrate into a room's design with straight lines.



ITEM CODE	SIZE	LENGTH	WIDTH
G-IV548-21	134X21	134	21
G-IV548-28	159X28	159	28
G-IV548-32	200X32	200	32





## Mortice Locks : Introduction

Since more than 20 years, the Gleam name has been associated with mortice locks. Gleam manufactures a wide range of products now that are appropriate for both home and architectural application.

### Locking Mechanism :

- Latch
- Deadlocking latch
- Deadbolt

### Deadlocking :

Locking the bolt so that it cannot be forced back.

- Automatic - Every time the door is closed it is deadlocked
- Key - External or internal operation
- Thumbturn - Internal knob

## CE Marking

An order issued by the European Commission under the Construction Products Directive mandates that mechanically operated locks and latches used on re/smoke control doors inside the EEA\* be compliant. As a result, this criterion is viewed as being "harmonised," and applying the CE mark is permitted if it is met and is supported by sufficient proof.

Therefore, locks and latches serve a vital safety purpose. A notified body will be needed to apply the CE mark and provide confirmation of the compliance claims. The product must first undergo type testing in accordance with EN 12209 and EN 1634-1, initial factory production control inspection by the manufacturer, and ongoing monitoring and approval of the factory production control. The notified authority issues an EC Certificate of Conformity upon the successful completion of these procedures, allowing the maker to certify compliance and apply the CE mark to his product.

## BS EN 12209

This standard covers requirements and test procedures for all mechanical locks and latches, including associated or separately supplied locking plates, intended for use on pedestrian doors in buildings, but it does not include locks for windows, padlocks, safes, furniture, or prisons. It also does not cover multi-point locks and their locking plates, locks for windows, or locks for safes.

BS EN 12209 classifies mechanically operated locks, latches and locking plates using an 11 digit coding system.

BS EN 12209 Classification

Example:

2	M	4	1	0	F	2	B	C	1	0				
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## Euro Profile Sash Lock Body (72mm Centre)

### Product Description :

- Easy reversible mechanism - Push from Rear & Turn.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Zinc Dead Bolt, Brass Follower.
- Available with bolt through provision for 38 to 40 mm bolt through
- Live Bolt Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Profile Cylinders.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set..



### Finishes :

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-MSLR40-106, G-MSLR40-130, G-MSLR40-154)



CF 6085



12209:2003



1634-1

### Standards :

Certification CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

### Applications :

For doors hinged on the left or right and requiring key and lever handle operation.

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-MSL40-105	50X72	50	78X165	1	10	1080
G-MSL40-129	55X72	55	83X165	1	10	1080
G-MSL40-153	60X72	60	88X165	1	10	1080

2M410F2BC10



**Euro Pro le Latch only in Lock Body (72mm Centre)**

**Product Description :**

- Easily reversible mechanism by turning live bolt as suitable for inward / outward opening door & screwing main face plate.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Zinc Follower.
- Available with bolt through provision for 38 to 40 mm bolt through centre.
- Live Bolt Tested for 200,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-EPM-L-R-16-184, G-EML-R-16-146, G-EML-R-16-147)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right requiring lever handle operation.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EPM-L16-183	50X72	50	78X165	1	10	1080
G-EPM-L16-144	55X72	55	83X165	1	10	1080
G-EPM-L16-145	60X72	60	88X165	1	10	1080

3X810G-B020





**Euro Pro le Dead Bolt Lock only in Sash Lock Body (72mm Centre)**

**Product Description :**

- Strike Plate & Face Plate Stainless Steel.
- Zinc Dead Bolt.
- Available with bolt through provision for 38 to 40 mm bolt through centre.
- Dead Bolt Tested for 50,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.

**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-MDLR40-118, G-MDLR40-142, G-MDLR40-166)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key operation only.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-MDL40-117	50X72	50	78X165	1	10	1080
G-MDL40-141	55X72	55	83X165	1	10	1080
G-MDL40-165	60X72	60	88X165	1	10	1080

2M410F2BC00



**Euro Pro le Lock Body Single Throw (72mm Centre)**

**Product Description :**

- Easily reversible mechanism by turning live bolt as suitable for inward / outward opening door & screwing main face plate.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Brass Dead Bolt, Zinc Follower.
- Available with bolt through provision for 38mm bolt through centre.
- Live Bolt Tested for 200,000 Cycles and Dead Bolt for 50,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-EPM-R-16-132, G-EPM-R-16-133)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring lever handle operation.



CF 6085

12209:2003 1634-1

**TECHNICAL DATA**

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EPM16-130	55X72	55	83X165	1	10	1080
G-EPM16-131	60X72	60	88X165	1	10	1080

3X810G3BA20



**Bathroom Lock Body Double Turn (72mm Centre)**

**Product Description :**

- Easy reversible mechanism - Push from Rear & Turn.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Zinc Dead Bolt, Brass Follower.
- Available with bolt through provision for 38 to 40 mm bolt through.
- Live Bolt Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Turn for 5mm Square Snib.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.

Also Available In Single Turn (G-MWCL41-111, G-MWCL41-117) Also Available in Single Turn Radius Corner ( G-MWCLR41-112, G-MWCLR41-118)

Also Available in Double Turn Radius Corner (G-MWCLR41-126, G-MWCLR41-132, G-MWCLR41-138)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring turn and emergency release functions.



12209:20031634-1

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-MWCL41-125	50X72	50	78X165	1	10	1080
G-MWCL41-131	55X72	55	83X165	1	10	1080
G-MWCL41-137	60X72	60	88X165	1	10	1080

2M410F0BG10





**Euro Pro le Dead Bolt only in Lock Body Single Throw (72mm Ce**

**Product Description :**

- Strike Plate & Face Plate Stainless Steel.
- Brass Dead Bolt
- Available with bolt through provision for 38 to 40 mm bolt through centre.
- Dead Bolt tested for 50,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.

**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-EMD-R-16-150, G-EMD-R-16-151)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key operation only.



CF 6085

12209:20031634-1

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EMD-16-148	55X72	55	83X165	1	10	1080
G-EMD-16-149	60X72	60	88X165	1	10	1080

3X810G3BA00



**Euro Pro le Dead Bolt only in Lock Body Double Throw (85mm C**

**Product Description :**

- Strike Plate & Face Plate Stainless Steel.
- Brass Dead Bolt
- Available with bolt through provision for 38 to 40 mm bolt through centre.
- Dead Bolt tested for 50,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.

**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.  
 Also Available In Radius Corner (G-MDHD-R-8550-56-116, G-MDHD-R-8555-56-117, G-MDHD-R-8560-56-118)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key operation only.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-MDHD-8550-56-107	50X85	50	78X165	1	10	1080
G-MDHD-8555-56-108	55X85	55	83X165	1	10	1080
G-MDHD-8560-56-109	60X85	60	88X165	1	10	1080

3X810G3BC00



**Euro Pro le Latch only in Sash Lock Body (72mm Centre)**

**Product Description :**

- Easy reversible mechanism - Push from Rear & Turn.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Brass Follower.
- Available with bolt through provision for 38 to 40 mm bolt through centre.
- Live Bolt Tested for 200,000 Cycles.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-MLR40-112, G-MLR40-136, G-MLR40-160)



**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-ML40-111	50X72	50	78X165	1	10	1080
G-ML40-135	55X72	55	83X165	1	10	1080
G-ML40-159	60X72	60	88X165	1	10	1080

2M 4 1 0 F -B 0 1 0

**Applications :**

For doors hinged on the left or right and requiring lever handle operation.



**Euro Pro le Lock Body (85mm Centre)**

**Product Description :**

- Easily reversible mechanism by moving Snib on body up, turning livebolt as suitable and pushing it back.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Brass Dead Bolt, Brass Follower.
- Available with bolt through provision for 38 to 42 mm bolt through centre.
- Live Bolt Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Cylinders.
- Available as latch only and dead lock only variants.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.

Also Available radius corner (G-MSL-R-30-144, G-MSL-R-30-145, G-MSL-R-30-146, G-MSL-R-30-147).

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key operation only.

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-MSL30-108	45X85	45	70X170	1	10	1080
G-MSL30-109	50X85	50	75X170	1	10	1080
G-MSL30-110	55X85	55	80X170	1	10	1080
G-MSL30-111	60X85	60	85X170	1	10	1080

2	M	4	1	O	F	2	B	C	1	0
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**Euro Pro Ie Roller Lock Body Single Throw (72mm Ce**

**Product Description :**

- Roller Latch Body for dual side opening doors.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Zinc Roller Bolt, Brass Dead Bolt, Brass Follower.
- Available with bolt through provision for 38mm bolt through centre.
- Roller Bolt Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Cylinders.
- Available as latch only and dead lock only variants.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-EP-RLB-ST-R1819, G-EP-RLB-ST-R1820)

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key and pull handle operation.

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EP-RLB-ST-1817	55X72	55	83X165	1	10	1080
G-EP-RLB-ST-1818	60X72	60	88X165	1	10	1080





**Euro Pro 1e Roller Lock Body Double Throw (72mm C**

**Product Description :**

- Roller Latch Body for dual side opening doors.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Zinc Roller Bolt, Brass Dead Bolt, Brass Follower.
- Available with bolt through provision for 38mm bolt through centre.
- Roller Bolt Tested for 200,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Cylinders.
- Available as latch only and dead lock only variants.
- Compatible with G-R1235, G-R1240, G-R1245 Rebate Set.



12209:20031634-1

**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-EP-RLB-DT-R1828, G-EP-RLB-DT-R1829, G-EP-RLB-DT-R1830)

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EP-RLB-DT-1825	50X72	50	78X165	1	10	1080
G-EP-RLB-DT-1826	55X72	55	83X165	1	10	1080
G-EP-RLB-DT-1827	60X72	60	88X165	1	10	1080

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.



**Applications :**

For doors hinged on the left or right and requiring key and pull handle operation.

**Escape Lock Body**

**Product Description :**

- Easily reversible mechanism by turning live bolt suitable for inside /outward & screwing main face plate.
- Follower is suitable for 8mm square spindle.
- Strike Plate & Face Plate Stainless Steel.
- Brass Live Bolt, Brass Dead Bolt, Brass Follower.
- Available with bolt through provision for 36 to 38mm bolt through centre.
- Live Bolt Tested for 100,000 Cycles & Dead Bolt for 50,000 Cycles.
- Operation: Deadbolt operated by Euro Cylinders.
- Available as latch only and dead lock only variants.



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request.

Also Available in Radius Corner (G-EPM-EL40-184).

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key and pull handle operation.



179 : 2008      CF 6085      12209:20031634-1

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-EPM-EL40-183	60X72	60	90X165	1	10	1080

EN 12209:2003	3	S	8	1	0	G	3	B	A	2	0
EN 179:2008	3	7	6	B	1	3	4	2	A	B/D	



## Round Tubular Latch Bolt (Easy Latch)

### Product Description :

- Suitable for 100,000 Cycles.
- Zinc Live Bolt, Zinc follower, Zinc Faceplate, Aluminium Striker Plate.
- Follower suitable for 8mm square spindle.
- Suitable for light doors.
- To be used with Sprung furniture.
- Suitable for bolt through fixing of 32-38mm.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-RTL-B0251	2.5"	45	67X20	10	100	6000
G-RTL-B0252	3"	57	77X20	10	100	6000

### Finishes :

EB, NP, SNP, CP

## Round Tubular Dead Bolt

### Product Description :

- Suitable for 100,000 Cycles.
- Zinc Dead Bolt, Zinc follower, Zinc Faceplate, Aluminium Striker Plate.
- Follower suitable for 5mm square spindle.
- Suitable for bolt through fixing of 32-38mm.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-RT-DB-0261	2.5"	45	58X20	10	100	6000
G-RT-DB-0262	3"	57	70X20	10	100	6000

### Finishes :

EB, NP, SNP, CP



**Tubular Latch (Bolt Through) - CE Cert**

**Product Description :**

- Suitable for 200,000 Cycles.
- Zinc Live Bolt, Zinc follower, MS Faceplate, MS Striker plate & MS Body.
- Two piece faceplate assembly.
- Follower suitable for 8mm square spindle.
- Suitable for internal doors.
- To be used with Sprung furniture.
- Suitable for bolt through fixing of 32-38mm.
- Rebate set available (G-R0010).



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special nish available upon request. Also Available In Radius Corner (G-TLBRZ11-3.00-2.5", G-TLBRZ12-3.00-3", G-TLBRZ13-3.00-4", G-TLBRZ14-3.00-5")

**Standards :**

Certi cation CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

**Applications :**

For doors hinged on the left or right and requiring key and pull handle operation.



ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-TLBZ21-3.00	2.5"	45	67X20	10	100	6000
G-TLBZ22-3.00	3"	57	79X20	10	100	6000
G-TLBZ23-3.00	4"	83	104X22	10	100	3600
G-TLBZ24-3.00	5"	107	129X22	5	80	3600
				NPDM41	0F-B010	





**Tubular Latch - CE Certified**

**Product Description :**

- Suitable for 200,000 Cycles.
- Zinc Live Bolt, Zinc follower, MS Faceplate, MS Striker plate & MS Body.
- Follower suitable for 8mm square spindle.
- Suitable for internal doors.
- To be used with Sprung furniture.
- Rebate set available (G-R0010).



**Finishes :**

Satin Stainless Steel, Polished Stainless steel, and Special finish available upon request.  
 Also Available In Radius Corner (G-TLRZ44-3.00-2.5", G-TLRZ45-3.00-3", G-TLRZ46-3.00-4", G-TLRZ44-3.00-5")



CF 6085



12209:2003



1634-1

**Standards :**

Certification CE Marked to EN 12209 UKCA Marked to EN 12209, Fire tested to EN 1634-1 for use on re doors up to 90 mins timber / 4hr steel.

ITEM CODE	SIZE	BACKSET	CASE SIZE	PCS. IN INNER	PCS. IN OUTER	PCS. IN PALLET
G-TLZ60-3.00	2.5"	45	67X22	10	100	6000
G-TLZ61-3.00	3"	57	79X22	10	100	6000
G-TLZ62-3.00	4"	82	104X22	10	100	3600
G-TLZ63-3.00	5"	107	129X22	5	80	3600

NPDM41 0F-B010

**Applications :**

For doors hinged on the left or right and requiring key and pull handle operation.



## Lever Handles : Introduction

Gleam offers an extensive selection of modern and commercially styled door levers and pull handles to meet all home and commercial needs. Designed with the newest trends in mind to aid in establishing the ideal ambiance for homes and work spaces. a skillful selection of architectural designs, components, and materials.

### **Sprung**

When a door handle is described as being "sprung," it signifies that a spring is installed in the backplate or rose, allowing the handle to snap back into place when released.

### **Unsprung**

Unsprung handles use the door lock to restore to their original position.

### **Bolt through Fixings**

Bolt through fixings join a pair of handles through the doors, forming a stable connection that will last longer and have no maintenance requirements.

### **Concealed Fixings**

Fixings that are hidden from view once the product is installed are referred to as concealed fixings.

### **Privacy Function**

Our privacy button works with a basic tubular latch to lock bathroom doors and is operated by a push button.

### **Rose**

It is a component containing the door handle mechanism. All Gleam lever furniture features a round rose design.

### **Non-Handed**

Since every piece of Gleam door furniture is non-handed, it can be utilized on either the left or right side of the door.

## Standards and Legislations

### **EN - 1906**

In order to ensure that the standard is complimentary to the application of the product, such as durability, safety, and fire resistance, EN 1906 - standard classifies door furniture by utilizing an 8 coded format to detail the performance of the product.



1906

## Technical Considerations

### Selecting a Door Handle

- What type of handle do you need?
- What type of lockcase is it being fitted with?
- What is the application?
- Is it being fitted on a fire door?

### Door Levers, Knobs or Pull Handles?

Depending on the function of each door in the building and your preferred style, you should decide which door lever or pull handle to employ. Due to accessibility and convenience of use, some individuals like door knobs while others favor door levers and pull handles..

### Lockcases and Door Handles?

We provide a full selection of door furnishings that may be used with DIN and UK lockcases. For the majority of door operations, the series offers a variety of rose mounted lever furniture with coordinating escutcheons and a coordinated pull handle.



### Stainless Steel Mitred Lever Handle

#### Product Description :

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-2

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7003-LHE	304	135	52	10	1	20
G-7003-LHC	201	135	52	10	1	20

#### Finishes :

SSS, PSS

### Stainless Steel Curve Lever Handle

#### Product Description :

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-2

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7004-LHE	304	135	52	10	1	20
G-7004-LHC	201	135	52	10	1	20

#### Finishes :

SSS, PSS

**Stainless Steel Mitred Lever Handle**

**Product Description :**

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-2

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7005-LHE	304	140	52	10	1	20
G-7005-LHC	201	140	52	10	1	20

**Finishes :**

SSS, PSS

**Stainless Steel Curve Lever Handle**

**Product Description :**

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-2

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7006-LHE	304	135	52	10	1	20
G-7006-LHC	201	135	52	10	1	20

**Finishes :**

SSS, PSS



**Stainless Steel Radius Lever Handle**

**Product Description :**

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



**Finishes :**

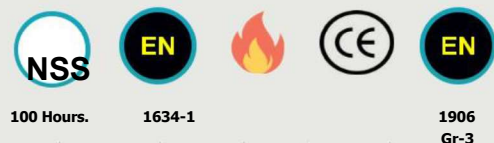
SSS, PSS

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7001-LHE	304	135	52	10	1	20
G-7001-LHC	201	135	52	10	1	20

**Stainless Steel Return to Door Lever Handle**

**Product Description :**

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



**Finishes :**

SSS, PSS

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7002-LHE	304	140	52	10	1	20
G-7002-LHC	201	140	52	10	1	20

### Stainless Steel Return to Door Lever Handle with Privacy Function

#### Product Description :

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7102-LHE	304	135	52	10	1	20
G-7102-LHC	201	135	52	10	1	20

#### Finishes :

SSS, PSS

### Stainless Steel Mitred Lever Handle with Privacy Function

#### Product Description :

- Pair of lever handles on roses.
- Sprung, for use with standard duty followers.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material SS, PHE - Grade 304, PHC- Grade 201.
- Grade 304 with brass spindle housing, Grade 201 With Aluminum Spindle Housing.
- Supplied with all xings.



100 Hours.



1634-1



1906  
Gr-3

#### Finishes :

SSS, PSS

ITEM CODE	SS GRADE	LENGTH	ROSE DIA	HEIGHT	PCS. IN INNER	PCS. IN OUTER
G-7103-LHE	304	135	52	10	1	20
G-7103-LHC	201	135	52	10	1	20

**Rawcliffe Lever on Round Rose**

**Product Description :**

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with spacers.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5831-ZC	114	51	10	0.460	1	10

**Finishes :**

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP

**Shield Lever on Round Rose**

**Product Description :**

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with spacers.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5100-LHZ	130	51	10	0.505	1	10

**Finishes :**

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP

### Greenwich Lever on Round Rose

#### Product Description :

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with xings.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5032-LHZ	130	51	10	0.515	1	10

#### Finishes :

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP

### Adelaide Scroll Lever Handle on Round Rose

#### Product Description :

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with xings.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5021-LHZ	94	51	10	0.310	1	10

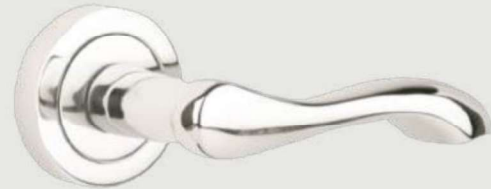
#### Finishes :

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP

**Windsor Lever on Round Rose**

**Product Description :**

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with xings.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5331-LHZ	117	51	10	0.535	1	10

**Finishes :**

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP

**Newcastle Lever Handle on Round Rose**

**Product Description :**

- Pair of lever handles on face round rose.
- Sprung, for use with standard duty latches.
- Suit doors up to 44mm thick.
- 8mm square spindle included for lever operation.
- Material Zinc alloy.
- Tested to EN1906 to Grade 3.
- 100 hours salt spray tested as per ASTM B117:2016.
- Fire tested to 30/60 minutes as per EN1634-1.
- Supplied with xings.



100 Hours.



1634-1



1906  
Gr-3

ITEM CODE	LENGTH	ROSE DIA	HEIGHT	WT/PAIR	SET IN INNER	SET IN OUTER
G-5037-LHZ	119	51	10	0.635	1	10

**Finishes :**

NP, CP, ABR, ACB, SB, SNP, DC, BPC, WPC, IPC, PP, SP



## Stainless Steel Return to Door Type Pull Handle

### Product Description :

- D type pull handle.
- Bolt through xing.
- Suit doors up to 55mm thick.
- Material Stainless Steel Grade 316 & Grade 304.
- Grade 316 with brass bolt housing, Grade 201 With Aluminum bolt housing.
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber re doors.
- Cycle tested to 200,000 cycles.



ITEM CODE	GRADE	LENGTH	DIA
G-719-150PH-SS	316	150	19
G-719-225PH-SS	316	225	19
G-719-300PH-SS	316	300	19
G-719-425PH-SS	316	425	19
G-719-600PH-SS	316	600	19
G-719-150PHE-S	304	150	19
G-719-225PHE-S	304	225	19
G-719-300PHE-S	304	300	19
G-719-425PHE-S	304	425	19
G-719-600PHE-S	304	600	19
G-719-150PHC-S	201	150	19
G-719-225PHC-S	201	225	19
G-719-300PHC-S	201	300	19
G-719-425PHC-S	201	425	19
G-719-600PHC-S	201	600	19

### Finishes :

SSS, PSS



## Stainless Steel Curve Guardsman Pull Handle Bolt Fix

### Product Description :

- Single Pull Handle.
- Bolt through xing.
- Suit doors up to 55mm thick.
- Material Stainless Steel Grade 316 & Grade 304.
- Grade 316 with brass bolt housing, Grade 201 With Aluminum bolt housing.
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber re doors.
- Cycle tested to 200,000 cycles.



ITEM CODE	LENGTH	DIA
G-7001-FHC	4"	19
G-7002-FHC	6"	19
G-7003-FHC	8"	19
G-7004-FHC	10"	19
G-7005-FHC	12"	19
G-7006-FHC	14"	19
G-7007-FHC	16"	19
G-7008-FHC	18"	19
G-7009-FHC	24"	19

### Finishes :

SSS, PSS



**Stainless Steel Pull Handle on Plate**

**Product Description :**

- Bolt through xing.
- Suit doors up to 55mm thick.
- Material Stainless Steel Grade 316 & Grade 304.
- Grade 316 with brass bolt housing, Grade 201 With Aluminum bolt housing.
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber re doors.
- Cycle tested to 200,000 cycles.



**Finishes :**

SSS, PSS



**Stainless Steel Pull Handle on Rose**

**Product Description :**

- Single Pull Handle.
- Bolt through xing.
- Suit doors up to 55mm thick.
- Material Stainless Steel Grade 316 & Grade 304.
- Grade 316 with brass bolt housing, Grade 201 With Aluminum bolt housing.
- All sizes available as PHS-19/22103, PHE-19/22103 &PHC-19/22103.
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber re doors.
- Cycle tested to 200,000 cycles.



ITEM CODE	DIA
G-719203-PHE	19
G-722203-PHE	22

**Finishes :**

SSS, PSS



## Door Closers : Introduction

Door closers are crucial, to safely and deliberately close a door. We have a wide selection of goods for any type of application, from overhead door closers to concealed door closers, all of which meet the appropriate re safety regulations. We can assist with doors of any weight or size.

### Overhead Door Closers

Our overhead closers are all completely CE marked and re door tested in all the tting positions, and they are made to t on the face of a door or frame.

### Concealed Door Closers

Concealed door closers, which t inside the door leaf, are best for settings where the closer shouldn't be visible. Great for doors with a high degree of visual appeal and for residential doors, as well as everywhere a decreased risk of vandalism or tampering would be advantageous.

## Terminology

### Power Size

The closer's power (torque) and capacity to provide dependable, regulated closing for a speci c door size.

### Backcheck

To lessen the risk of harm to the door and surrounding walls, the door's opening speed is slowed before it reaches a 90-degree angle.

### Latching Action

Speed of the door leaf during the nal closing motion, which is intended to help the door overcome a door latch's resistance and close smoothly.

### Closing Speed

Speed of door leaf when its closing.

## BS EN 1154

A requirement given by the European Commission's Construction Products Directive applies to door closers meant for use on smoke- and re-resistant doors. This is why, this standard is thought of as a "harmonised" standard, and use of the CE mark is permitted if it is complied with and is supported by appropriate proof.

Since closers for re/smoke doors provide a crucial safety function, a noti able certi cation organization will need to be involved in the application process in order to verify the compliance claims. This will entail the product being initially type-tested in accordance with EN 1154, the manufacturer's factory production control being initially inspected, and the factory production control being continuously monitored and approved. The noti ed authority issues an EC Certi cate of Conformity upon the successful completion of these requirements, allowing the maker to declare compliance and apply the CE label to his product.

## Concealed Door Closer : Cam Action G-DC-26

### Product Description

- Efficient Cam and Roller design.
- Rapid decrease in opening force makes doors easy to open, yet provides maximum closing force at the latch.
- Suitable for interior wood, hollow metal, and aluminum doors and frames.
- Invisible when door is closed.
- Adjustable spring force size.
- Sweep and latch valve adjustment easily accessible after installation.
- Optional hold open adjustable between 80° and 120°.
- Maximum door opening approximately 130°.
- Cushioned stop position adjustable between 80°–130°.



SIZE (MM)	FOOTPRINT	DOOR WEIGHT	DOOR WIDTH	POWER
241(L) X 42(H) X 32(W)	320MM X 32MM	40KG - 85KG	<=1100MM	EN 2-4 ADJ

### Finishes

- Silver
- White
- Black
- Special finish available upon request subject to minimum order quantity.

## Concealed Door Closer : Cam Action G-DC-26

### Product Description

- Compact closer body is designed to fit into headers as small as 1-3/4"×4".
- Closer body is non-handed.
- One closer for both single-acting or double-acting doors.
- Accommodates maximum door weight of 250 lb (interior) or 200 lb (exterior), including all hardware.
- A pressure relief valve protects closer from damage caused by forced closing.
- An integral cushion limits door swing to 90° or 105°. An auxiliary stop must always be installed.
- A mechanical back-check slows down the door prior to contact with the cushion.
- Closing speeds are controlled by two non-critical adjustment valves. Sweep area is from 105°–20°. Latch area is from 20°–0°.



SIZE (MM)	FOOTPRINT	DOOR WEIGHT	DOOR WIDTH	POWER
242(L) X 52(H) X 32(W)	320MM X 32MM	25KG - 85KG	<=1050MM	EN 2-4

### Finishes

- Silver
- White
- Black
- Special finish available upon request subject to minimum order quantity.



## Heavy-Duty Door Closer : G-DC-6505

### Product Description

- Allow maximum flexibility for indoor or outdoor use.
- Accommodate reduced rail heights.
- Retro-fit compatible features.
- Slim design that works with your design aesthetic.
- Non-handed with a range of arm, stop and finish options.
- Two arm types: a tri-pack arm and heavy duty arm.

SIZE (MM)	FOOTPRINT	DOOR WEIGHT	DOOR WIDTH	POWER
248(L) X 72(H) X 44(W)	230MM X 19MM	80KG - 120KG	<=1200MM	EN 5-6
248(L) X 72(H) X 44(W)	230MM X 19MM	100KG - 150KG	<=1500MM	EN 5-6



### Finishes

- Silver
- White
- Black
- Special finish available upon request subject to minimum order quantity.

## Light-Duty Door Closer : G-DC-3207

### Product Description

- Smaller, narrower footprint.
- Includes many premium design components without costly upcharges.
- Wide range of available options.
- Retro-fit compatible features.
- Non-handed and universal mount flexibility.
- Available in 4 unique arm options that feature variant arm and stop types.

SIZE (MM)	FOOTPRINT	DOOR WEIGHT	DOOR WIDTH	POWER
180(L) X 62(H) X 41(W)	165MM X 19MM	40KG-65KG	<=950MM	EN 2-3



### Finishes

- Silver
- White
- Black
- Special finish available upon request subject to minimum order quantity.



## Cylinders : Introduction

We provide a wide variety of easy-to-install cylinder profiles, finishes, and functions for every form of cylinder lock, regardless of the kind of cylinder you're looking for. We can assist in meeting the expectations of any project, including master keying options encompassing various security levels, as well as euro and rim cylinders.

### Euro Cylinder

The top of the cylinder's slender body is where the euro cylinder plug and key passage are located. It is offered in three variations: singles, doubles, and thumb turns. All three are fixed into a euro profile lockcase via their common fixing point.

### Rim Cylinder

In order to work with a rim lock, the rim cylinder is made with a large round body profile, securing holes on the back, and a long tail bar. The plug and keyway are then placed at the cylinder's base.

## Technical Consideration

### Selecting the correct cylinder size

For both security and aesthetic reasons, it's crucial to specify the proper cylinder length. To lessen the possibility of the cylinder being removed, it is crucial to make sure it is flush with the surrounding hardware.

### What to consider

- Door thickness.
- Hardware thickness (e.g. cylinder roses).
- Lock position

The mortice locks will typically be installed on the door's centerline. So, a typical cylinder of same length may be employed. However, an offset cylinder must be given if the lock is installed off-center.

## BS EN 1303

Cylinders are categorized by an 8-digit code according to EN 1303:2015. Each element of the standard is a characteristic that the cylinder is compared to in order to demonstrate how well it performs in terms of qualities including toughness, resilience to wear and corrosion, key-related security, and attack resistance.

## Cylinders

### Product Description

- 6 pin euro pro le cylinders
- Manufactured according to EN 1303
- Available in key alike, key di er & Master key system
- Available in various lengths
- Supplied with 3 Nickel plated brass keys.

ITEM CODE	LENGTH	TO CENTRE OF CAM
G-ESC45MM-SC	45MM	35MM
G-ESC50MM-SC	50MM	40MM
G-ESC55MM-SC	55MM	45MM
G-ESC60MM-SC	60MM	50MM

### Single Cylinder



ITEM CODE	OVERALL LENGTH	KEYSIDE TO CENTRE OF CAM	CENTRE OF CAM TO KEYSIDE
G-EDC60MM-SC	60MM	30MM	30MM
G-EDC65MM-SC	65MM	32.5MM	32.5MM
G-EDC70MM-SC	70MM	35MM	35MM
G-EDC75MM-SC	75MM	37.5MM	37.5MM
G-EDC80MM-SC	80MM	40MM	40MM
G-EDC85MM-SC	85MM	42.5MM	42.5MM
G-EDC90MM-SC	90MM	45MM	45MM
G-EDC95MM-SC	95MM	47.5MM	47.5MM
G-EDC100MM-SC	100MM	50MM	50MM
G-EDC105MM-SC	105MM	52.5MM	52.5MM
G-EDC110MM-SC	110MM	55MM	55MM
G-EDC115MM-SC	115MM	57.5MM	57.5MM
G-EDC120MM-SC	120MM	60MM	60MM

### Double Cylinder



ITEM CODE	OVERALL LENGTH	KEYSIDE TO CENTRE OF CAM	CENTRE OF CAM TO KEYSIDE
G-EKT60MM-SC	60MM	30MM	30MM
G-EKT65MM-SC	65MM	32.5MM	32.5MM
G-EKT70MM-SC	70MM	35MM	35MM
G-EKT75MM-SC	75MM	37.5MM	37.5MM
G-EKT80MM-SC	80MM	40MM	40MM
G-EKT85MM-SC	85MM	42.5MM	42.5MM
G-EKT90MM-SC	90MM	45MM	45MM
G-EKT95MM-SC	95MM	47.5MM	47.5MM
G-EKT100MM-SC	100MM	50MM	50MM
G-EKT105MM-SC	105MM	52.5MM	52.5MM
G-EKT110MM-SC	110MM	55MM	55MM
G-EKT115MM-SC	115MM	57.5MM	57.5MM
G-EKT120MM-SC	120MM	60MM	60MM

### Key & Turn Cylinder



ITEM CODE	OVERALL LENGTH	TURN TO CENTRE OF CAM	CENTRE OF CAM TO TURN
G-ETE60MM-SC	60MM	30MM	30MM
G-ETE65MM-SC	65MM	32.5MM	32.5MM
G-ETE70MM-SC	70MM	35MM	35MM
G-ETE75MM-SC	75MM	37.5MM	37.5MM
G-ETE80MM-SC	80MM	40MM	40MM
G-ETE85MM-SC	85MM	42.5MM	42.5MM
G-ETE90MM-SC	90MM	45MM	45MM
G-ETE95MM-SC	95MM	47.5MM	47.5MM
G-ETE100MM-SC	100MM	50MM	50MM
G-ETE105MM-SC	105MM	52.5MM	52.5MM
G-ETE110MM-SC	110MM	55MM	55MM
G-ETE115MM-SC	115MM	57.5MM	57.5MM
G-ETE120MM-SC	120MM	60MM	60MM

### Turn & Emergency Cylinder



### Finishes

- Satin Chrome - SC
- Polished Brass - PB
- Polished Chrome - PC
- Special nish available upon request subject to minimum order quantity.



## Keying Systems & Combinations

- Each cylinder in the set has a special key that can only be used in that particular cylinder.
- Using one key to open all of the locks in a set is possible. When a single individual uses several locks, this choice is a terrific time-saving alternative because it requires only one key to operate all the locks.
- Each lock in a master keyed system can only be opened with a key made specifically for that lock, but there is also one key that can open all the locks in a set (this is a Master Key). Managers and supervisors should maintain master keys on hand in case they need to remove a lockout device or override the system when individual keys go missing.
- Apartments or student housing benefit greatly from common entrance units. It permits each key holder to open a shared entrance with their own key but just for their own unit. Additionally, a key that only opens the common entry can be made. Ideal for maintaining common areas.

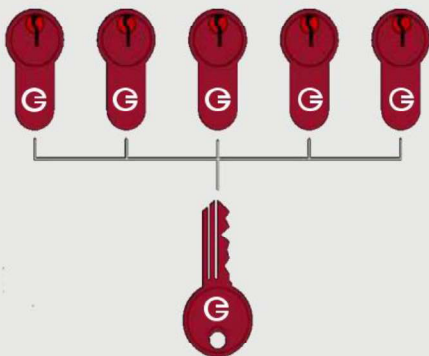
### Keyed Alike

When cylinders are all keyed alike it means that every lock is operated by the same key. A single combination will be used at every cylinder meaning one key will operate every cylinder. This is useful in a space where a limited number of keys is required, such as areas with storage closets or common rooms that only need one combination.

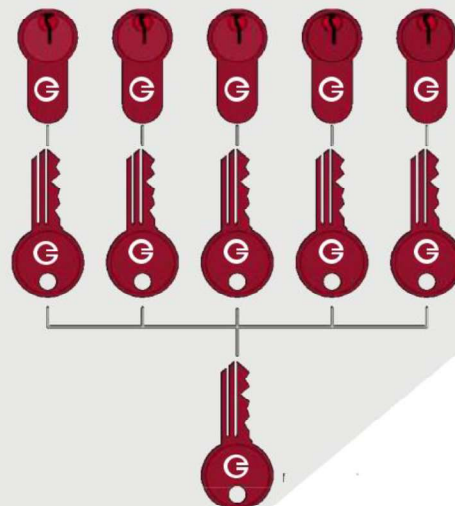
### Master Keyed

Cylinders that have been master keyed have one or more master pins on top of the standard pins. Master pins will create an additional shear line that allows the master key that matches the master pin combination to operate the cylinder. The master pin combination can be used in cylinders where someone with higher clearance needs to have access, such as the building owner or the company president, as well as the employees. Any cylinder that has been master keyed will operate with the master key as well as the standard operating change key.

#### Keyed Alike System



#### Master Key System



## Exit Hardware : Introduction

With designs and features that are appropriate for standard, commercial, and industrial use, Gleam offers extensive varieties of exit hardware. The ranges offer options for double or outward-opening doors as well as a variety of outside access mechanisms.

Building exits can be made quickly and safely thanks to panic and emergency gear. Due to the simplicity of their control, they are typically utilized on escape doors. For single or double doors, our selection of panic and emergency hardware comprises push bar and pad devices with either a single latch or a two point bolt locking.

### Push Bar Panic Escape Hardware

When a facility needs to be evacuated quickly, panic escape hardware must span at least 60% of the door's width to be accessible. According to the law, these devices must be utilized in public areas if building inhabitants are unfamiliar with the layout and escape routes.

### Push Pad Emergency Exit Hardware

Push pad operated emergency exit devices can only be used where operators are familiar with hardware and how to use it.

## Selecting Panic Exit Hardware

- Is the door in a public or busy area?
- Is it a single or double door?
- Is it for timber or metal doors?
- Is entry into a building required through this door?

## BS EN 1125

The European Commission's Construction Products Directive requirement covers panic and emergency exit devices intended for use on escape route doors. This is why this standard is thought of as a "harmonised" standard, and use of the CE mark is permitted if it is complied with and is supported by appropriate proof..

Application of the CE mark will necessitate the involvement of a notable certification authority to provide verification of the compliance claims because panic and emergency exit devices serve a crucial safety purpose. This will entail the product being initially type-tested to either EN 1125 or another standard, the manufacturer's factory production control being initially inspected, and the factory production control continuing to be monitored and approved. The notified authority issues an EC Certificate of Conformity upon the successful completion of these requirements, allowing the maker to declare compliance and apply the CE label to his product.

### Push-Bar Panic Latch - Gleam-873

#### Product Description

- CE Marked to EN 1125.
- Certificate approved.
- Can be used on timber fire doors (up to FD120) or metal fire doors (up to FD240) up to 1200mm x 2440mm tall.
- It can be cut to size on site to fit each door.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.

#### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.



### Panic Bolt for Single Doors - Gleam-859-BS

#### Product Description

- CE Marked to EN 1125.
- Certificate approved.
- Can be used on timber fire doors (up to FD120) or metal fire doors (up to FD240) up to 1200mm x 2440mm tall.
- Top and bottom bolt rods can be cut to size on site to fit each door.
- Bar can be cut to size on site to fit each door.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.

#### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.





## Double Rebated Panic Set - Gleam-854-RPS

### Product Description

- CE Marked to EN 1125.
- Certificate approved.
- Can be used on timber rebated doors (up to FD120) or metal rebated doors (up to FD240) up to 1200mm x 2440mm tall.
- Top and bottom bolt rods can be cut to size on site to fit each door.
- Bar can be cut to size on site to fit each door.
- Automatic top trips only release bolts as the door closes into the frame, protecting the door and frame from harm.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.



### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.

## Emergency Push Pad Latch - Gleam-847-PL

### Product Description

- CE Marked to EN 179.
- Certificate approved.
- Can be used on timber rebated doors (up to FD120) or metal rebated doors (up to FD240) up to 1200mm x 2440mm tall.
- Less than 100 mm of the door face is exposed by the slim design.
- The best choice for normal exit escape doors where every user is familiar with the building architecture and hardware.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.



### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.

## Emergency Push Pad Bolt - Gleam-863-P

### Product Description

- CE Marked to EN 1125.
- Certificate approved.
- Can be used on timber fire doors (up to FD120) or metal fire doors (up to FD240) up to 1200mm x 2440mm tall.
- Top and bottom bolt rods can be cut to size on site to fit each door.
- Complete with "Push" signage.
- Automatic top trips only release bolts as the door closes into the frame, protecting the door and frame from harm.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.



### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.

## Outside Access Device - Gleam-854-L

### Product Description

- CE Marked to EN 179.
- Certificate approved.
- Can be used on timber fire doors (up to FD120) or metal fire doors (up to FD240) up to 1200mm x 2440mm tall.
- Delivered with cylinder to enable door to be immediately secured or delivered without cylinder to accommodate masterkey requirements.
- Uses a standard 45mm single cylinder.
- Standardly suitable for doors up to 60 mm thick; separately available accessories are available for thicker doors.
- Bolt through screws on the internal door face are covered by a panic or emergency device.
- 96 hours corrosion resistance.
- Completed 200,000 cycles in durability testing.
- 10 year guarantee.



### Finishes

- Silver
- Dark Metallic Grey
- Special finish available upon request subject to minimum order quantity.

**Floor Mounted Door Stopper**

**G-FM791 Stainless Steel**  
 • Supplied with SS screw



**G-FM792 Stainless Steel**  
 SUITABLE FOR DOORS WITH 15MM UNDERCUT  
 • Supplied with SS screw



**G-FM793 Stainless Steel  
Copper Tone**  
 • Supplied with SS screw



**G-FM794 Antique Brass**  
 • Supplied with SS screw



**G-FM795 Antique Stainless Steel**  
 • Supplied with SS screw



**G-FM796 Zinc Alloy**  
 • Supplied with SS screw



**G-FM797**  
 • Supplied with SS screw



**G-FM798**  
 • Supplied with SS screw



**G-FM799**  
 • Supplied with SS screw



**Wall Mounted Door Stopper**

**G-WM803 Skirting Door Stop**  
 • Supplied with SS screw



**G-WM804 Brass Round Shielded Door Stop**  
 • Supplied with SS screw



**G-WM805 Aluminium Tubular Door Stop**  
 • Supplied with SS screw



**Magnetic Door Holder**

**G-MH812**

- Supplied with SS screw



**G-MH813**

- Supplied with SS screw



**G-MH814**

- Supplied with SS screw



**Coat and Hat Hooks**

**G-CH816**

- Supplied with SS screw



**G-CH817**

- Supplied with SS screw



**G-CH818**

- Supplied with SS screw



**G-CH821**

- Supplied with SS screw



**G-CH822**

- Supplied with SS screw



**G-CH823**

- Supplied with SS screw



**Door Guard & Door Chain**

**G-DCG828 SS Door Guard**

- Supplied with SS screw



**G-DCG831 SS Door Chain**

- Supplied with SS screw



## Flush Bolts

### G-FB834 Metal Door Flush Bolt

- Supplied with SS screw



### G-FB835 Lever Action Flush Bolt

- Supplied with SS screw



### G-FB836 Dust Excluding Socket

- Supplied with SS screw



## Flush Pulls



### G-FP837 Rectangular Pull

- Supplied with SS screw



### G-FP838 Rounded Pull

- Supplied with SS screw



### G-FP839 Semi-Circular Pull

- Supplied with SS screw

### G-FP840

- Supplied with SS screw



### G-FP841

- Supplied with SS screw



### G-FP843

- Supplied with SS screw



PUSH

### G-PP844

## Push Plates

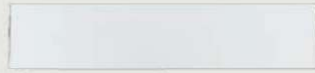
### G-PP845

● Supplied with SS screw

● Supplied with SS screw



**Letter Plates**
**G-LP846 Brass Letter Plate**

**G-LP851 Aluminium Front Fix Letter Plate**

**G-LP855 Black Antique Letter Plate**

**Stainless Steel Signage**

**SIGN A**  
Female Symbol

**SIGN B**  
Male Symbol

**SIGN C**  
Disabled Symbol

**G-SGN871 Rectangular Signage 150 X 100 MM**

**SIGN A**  
Unisex Symbol

**SIGN B**  
Female Symbol

**SIGN C**  
Male Symbol

**SIGN D**  
Disabled Symbol

**G-SGN872 Circular Signage 76 MM**

**SIGN E**  
Baby Change

**SIGN F**  
Fire Door Keep Shut

**SIGN G**  
Fire Door Keep Clear

**SIGN H**  
Fire Door Keep Locked

Finish Available : SSS, PSS, MAB, PB



# GLEAM

Architectural Hardware



Gleam Architectural Hardware UK Ltd. is a global pioneer in architectural designer and ironmongery products. We are committed to meeting end-user demands for security, safety, and convenience.

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