



**HALSPAN**® to the core and more...

## Hardware Range

Product Data Sheets





A pioneer in its field, Halspan developed an entirely new way of constructing doors in the 1990s, using pre-tested door blanks made from our unique 3-layer particle board. For the industry, having Halspan at the core of a door has been an assurance of quality and integrity ever since.

Over the years, we've extended our product range so that today Halspan offers the full system of components used in the manufacture of doorsets and door assemblies – from fully-certified fire door blanks and cores to seals, hardware, steel frames and more – all backed by Halspan primary test evidence.

This brochure focuses on essential hardware and contains product data sheets for our full range of locks, closers, hinges and ancillary items, including our PAS 24 tested locks and Hygienilac coated antimicrobial hardware. A handy classification guide is provided at the back for your reference.

For information on approved seals, fire and non-fire rated door blanks and cores, please refer to the relevant Halspan product brochures and third party scope data.

**to the core and more...**



# Contents

## Closers

	Page
Halspan® 6000 Series 2-4 Eco Closer	<a href="#">5</a>
Halspan® 6100 Series 2-4 Eco Closer	<a href="#">7</a>
Halspan® 9000 Series 2-5 Power Closer	<a href="#">9</a>
Halspan® 9100 Series 2-5 Power Closer	<a href="#">11</a>
Halspan® 6200 Series NFR Eco Concealed Closer	<a href="#">13</a>
Halspan® 30/60 6200 Series Eco Concealed Closer	<a href="#">15</a>
Halspan® NFR 9200 Series Power Concealed Closer	<a href="#">17</a>
Halspan® 30/60 9200 Series Power Concealed Closer	<a href="#">19</a>

## Hinges

	Page
Halspan® Grade 13 Radius & Square Corner Hinges	<a href="#">21</a>
Halspan® Grade 14 Radius Corner Hinges	<a href="#">24</a>

## Locks

	Page
Halspan® 90 Lock Case	<a href="#">27</a>
Halspan® DIN Standard Radius Forend Dead Locks	<a href="#">30</a>
Halspan® DIN Standard Radius Forend Bathroom Lock	<a href="#">33</a>
Halspan® DIN Standard Radius Forend Escape Sash Lock	<a href="#">36</a>
Halspan® DIN Standard Radius Forend Mortice Latch	<a href="#">39</a>
Halspan® DIN Standard Radius Forend Mortice Nightlatch	<a href="#">42</a>
Halspan® DIN Standard Sash Locks	<a href="#">45</a>
Halspan® Three Point Lock - PAS24 compliant	<a href="#">48</a>

## Cylinders

	Page
Halspan® Kinetica 3* Cylinder - PAS24 compliant	<a href="#">51</a>

## Letterplates

	Page
Halspan® TS008 Letterplate Internal - PAS24 compliant	<a href="#">54</a>
Halspan® TS008 Letterplate External - PAS24 compliant	<a href="#">54</a>

## Handles / Finger Plates

	Page
Halspan® DUO Door Handle - PAS24 compliant	<a href="#">57</a>
Halspan® Lever Handles	<a href="#">60</a>
Halspan® Pull Handles	<a href="#">60</a>
Halspan® Finger Plates	<a href="#">61</a>

# Contents

## Ancillary Items

	Page
Halspan® Radius Flush Bolt	<a href="#">64</a>
Halspan® Door Viewer - PAS24 Compliant	<a href="#">67</a>
Halspan® Door Chain - PAS24 Compliant	<a href="#">69</a>
Halspan® Bathroom Turn & Release	<a href="#">61</a>
Halspan® Escutcheon	<a href="#">62</a>

## SteriTouch® Coated Hardware

	Page
Halspan® SteriTouch® Lever Handles	<a href="#">71</a>
Halspan® SteriTouch® Pull Handles	<a href="#">71</a>
Halspan® SteriTouch® Finger Plates	<a href="#">72</a>
Halspan® SteriTouch® Bathroom Turn & Release	<a href="#">72</a>
Halspan® SteriTouch® Escutcheon	<a href="#">73</a>

## Signage

	Page
Fire Door Keep Shut	<a href="#">75</a>
Fire Door Keep Locked Shut	<a href="#">75</a>
Fire Door Keep Clear	<a href="#">75</a>
Automatic Fire Door Keep Clear	<a href="#">75</a>
Male Sex Symbol	<a href="#">76</a>
Female Sex Symbol	<a href="#">76</a>
Unisex Symbol	<a href="#">76</a>
Disabled Facilities Symbol	<a href="#">76</a>
Baby Change Symbol	<a href="#">76</a>
Shower Symbol	<a href="#">77</a>

## Smart Tags

	Page
Halspan Smart Tag 25mm	<a href="#">78</a>
Halspan Smart Tag 28mm	<a href="#">78</a>

## Additional Information

	Page
Classification Guides	<a href="#">79</a>



# Halspan® 6000 Series 2-4 Eco closer

## Fire Rated Eco Door Closers



Halspan® 6000 Series 2-4 Eco closers are efficient, durable and stylish variable power overhead door closers. Suitable for most applications, particularly those in constant use and which require a backcheck function. With fire certification up to 90 minutes, Halspan 6000 range eco closers offer outstanding durability and great value



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-ECO-100

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead door closer
- Size: Power size EN2-4 by spring
- Mechanism: Rack and pinion
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1100mm
- Max Door Weight: 80kg
- Opening Angle: 180°
- Application: LH and RH doors - universal application

<b>Classification Number*</b>	4	8	2 4	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Product Codes

Product Name	Halspan 6000 Series 2-4 Eco Closer Size 2-4	
Colour	Product Codes	
● Brushed Stainless Steel	CLR-ECO-100-BSS	
● Silver	CLR-ECO-100-SIL	



**Note:** the codes above replace the former product codes CLR-AGN-100, CLR-AGN-101 & CLR-AGN-102.

## Design Guide



All dimensions are in mm.



## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually. Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment. If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle. If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

**The information in this datasheet is correct at time of going to press however our designs, specifications and certifications may change in the interest of product development following publication. If you would like to make a query about any of the details in this document, please contact Halspan via our website, or call our office in the UK on +44 (0)3300 563836.**



# Halspan® 6100 Series 2-4 Eco closer

## Fire Rated Eco Door Closers



**Halspan® 6100 Series 2-4 Eco closers** are high efficiency, true cam action slide arm closers. Suitable for most applications, particularly those with public use. Also suitable for Non fire rated, 30, 60 and 90 minute doorsets.

With fire certification up to 90 minutes, Halspan® 6100 Eco cam action closers offer outstanding durability combined with great value.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-CAM-024

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead cam action slide arm door closer
- Size: Power size EN2-4 by spring
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1100mm
- Max Door Weight: 80kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 733mm
- Application: LH and RH doors - universal application
- 25 year guarantee\*\*

<b>Classification Number*</b>	<b>3</b>	<b>8</b>	<b>2</b> <b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

\*\*Halspan 6100 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

### Product Codes

<b>Product Name</b>	<b>Halspan 6100 Series 2-4 Eco Cam Action Closer Size 2-4</b>	
<b>Colour</b>	<b>Product Codes</b>	
● Brushed Stainless Steel	CLR-CAM-024-BSS	
● Silver	CLR-CAM-024-SIL	



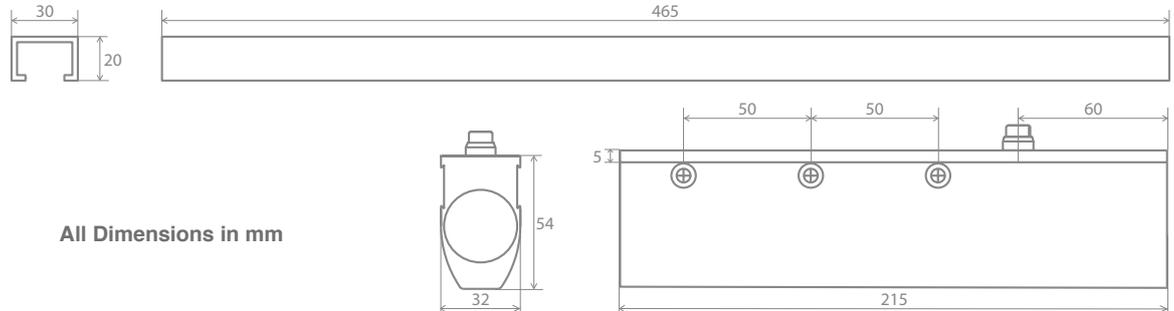
**Note:** the codes above replace the former product code CLR-CAM-100.

# Halspan® 6100 Cam Action Closers

Fire Rated Eco Door Closers



## Design Guide



All Dimensions in mm

## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually.

Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment.

If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle.

If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# Halspan® 9000 Series 2-5 Power Closer

## Fire Rated Power Door Closers



**Halspan® 9000 Range Power Closers** are highly efficient, durable and stylish variable power overhead door closers. Suitable for most applications, particularly those with public use. With fire certification up to 120 minutes, Halspan 9000 range eco closers offer outstanding durability and great value. Halspan® 9000 power closers also come equipped with adjustable delayed action.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-PWR-100

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead door closer
- Size: Power adjustable by spring EN2-5
- Mechanism: Rack and pinion
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Delayed Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1250mm
- Max Door Weight: 100kg
- Opening Angle: 180°
- DDA BS 8300: Minimum door width 830mm in parallel arm (DDA Test Report No 155717)
- Application: LH and RH doors - universal application

<b>Classification Number*</b>	4	8	2 5	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

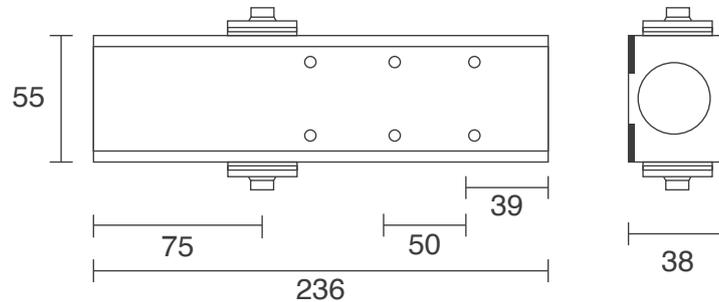
### Product Codes

Product Name	Halspan 9000 Series 2-5 Power Closer Size 2-5
<b>Colour</b>	<b>Product Codes</b>
● Brushed Stainless Steel	CLR-PWR-100-BSS
● Silver	CLR-PWR-100-SIL



**Note:** the codes above replace the former product codes CLR-BSS-100, CLR-BSS-101, CLR-BSS-102 & CLR-BSS-103.

### Design Guide



All dimensions are in mm.  
Cover not shown

### General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

#### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually. Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment. If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle. If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

#### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

#### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

#### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# HALSPAN®



## Halspan® 9100 Series 2-5 Power Closer Fire Rated Power Door Closers



**Halspan® 9100 Power cam action closers** are high efficiency, true cam action slide arm closers. Suitable for most applications, particularly in high traffic areas. Also suitable for Non fire rated, & 30, 60, 90, 120 minute Doorsets.

Where a higher level of performance is required, Halspan® 9100 cam action closers are ideal for use on wider, heavier doors, providing up to 120 minutes' fire certification for additional peace of mind.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2008 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-CAM-025

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead cam action slide arm door closer
- Size: Power size EN2-5 by spring
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1250mm
- Max Door Weight: 100kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 767mm
- Application: LH and RH doors - universal application
- 25 year guarantee\*\*

<b>Classification Number*</b>	3	8	2 5	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

\*\*Halspan® 9100 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

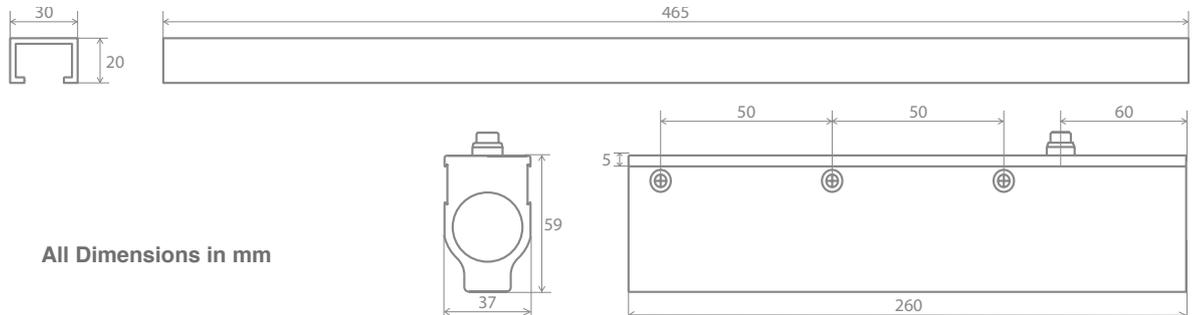
### Product Codes

<b>Product Name</b>	<b>Halspan 9100 Series 2-5 Power Cam Action Closer Size 2-5</b>
<b>Colour</b>	<b>Product Codes</b>
● Brushed Stainless Steel	CLR-CAM-025-BSS
● Silver	CLR-CAM-025-SIL



**Note:** the codes above replace the former product code CLR-CAM-103.

## Design Guide



All Dimensions in mm

## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually. Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment. If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle. If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# HALSPAN®



## Halspan® 6200 Series NFR Eco Concealed Closer Eco Door Closers



Halspan® 6200 Series NFR Eco concealed closers are high efficiency, true cam action concealed slide arm closers. Suitable for most applications, particularly those with public use.

Halspan 6200 series concealed closers are compliant with Approved Document M, providing excellent ease of use.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-CCL-024

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

### Specification

- Type: Overhead concealed slide arm door closer
- Size: Power size EN2-4 by spring
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1100mm
- Max Door Weight: 80kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 733mm
- Application: LH and RH doors - universal application
- 25 year guarantee\*\*

<b>Classification Number*</b>	3	8	2 4	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

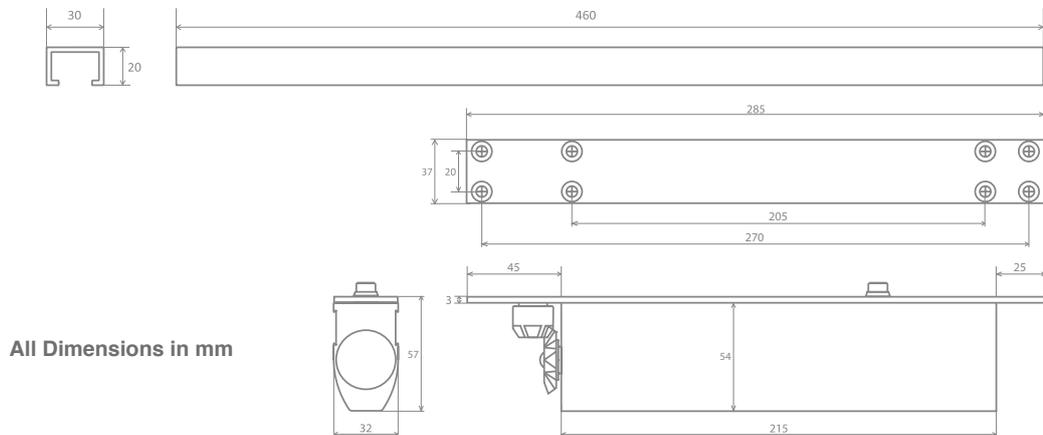
\*\*Halspan® 6200 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

### Product Codes

Product Name	Halspan 6200 Series NFR Eco Concealed Closer Size 2-4	
Colour	Product Codes	
● Brushed Stainless Steel	CLR-CCL-024-BSS	
● Silver	CLR-CCL-024-SIL	



## Design Guide



## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually. Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment. If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle. If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# HALSPAN®



## Halspan® 30/60 6200 Series Eco Concealed Closer Fire Rated Eco Door Closers



Halspan® 30/60 6200 Eco concealed closers are high efficiency, true cam action concealed slide arm closers. Suitable for most applications, particularly those with public use.

With fire certification up to 60 minutes, Halspan® 6200 Eco concealed closers offer outstanding durability combined with great value.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: BOM-CCL-024

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

### Specification

- Type: Overhead concealed slide arm door closer
- Size: Power size EN2-4 by spring
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1100mm
- Max Door Weight: 80kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 733mm
- Application: LH and RH doors - universal application
- Full intumescent protection pack to suit fire rating included
- 25 year guarantee\*\*

<b>Classification Number*</b>	3	8	2 4	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

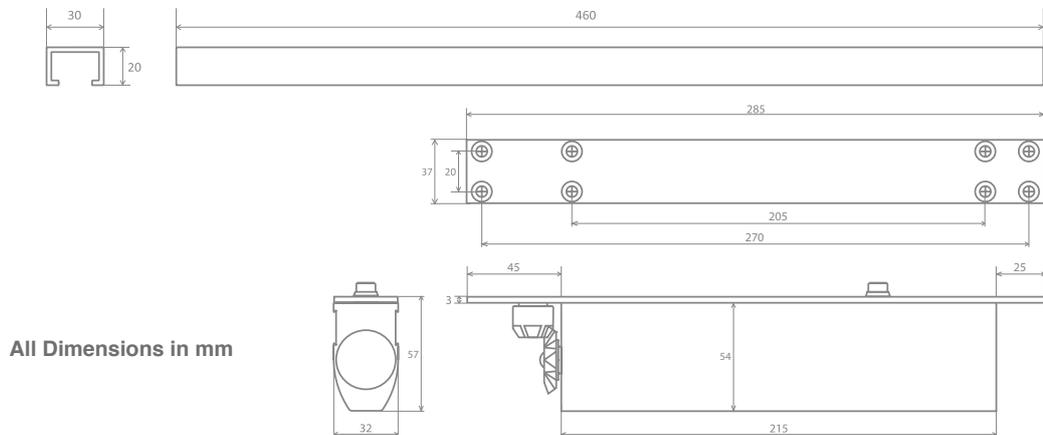
\*\*Halspan® 6200 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

### Product Codes

<b>Product Name</b>	Halspan 30/60 6200 Series Eco Concealed Closer Size 2-4. Includes Intumescent protection	
<b>Colour</b>	<b>Product Codes</b>	
● Brushed Stainless Steel	BOM-CCL-024-BSS	
● Silver	BOM-CCL-024-SIL	



## Design Guide



All Dimensions in mm

## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually. Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment. If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle. If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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## Halspan® NFR 9200 Series Power Concealed Closer Power Door Closers



**Halspan® 9200 Range** concealed closers are high efficiency, true cam action concealed slide arm closers. Suitable for most applications, particularly those with public use. Where a higher level of performance is required, Halspan® 9200 concealed closers are ideal for use on wider, heavier doors.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: CLR-CCL-025

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead concealed slide arm door closer
- Size: Power adjustable by spring EN2-5
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1250mm
- Max Door Weight: 100kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 767mm
- Application: LH and RH doors - universal application
- 25 year guarantee\*\*

<b>Classification Number*</b>	3	8	2 5	1	1	3
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

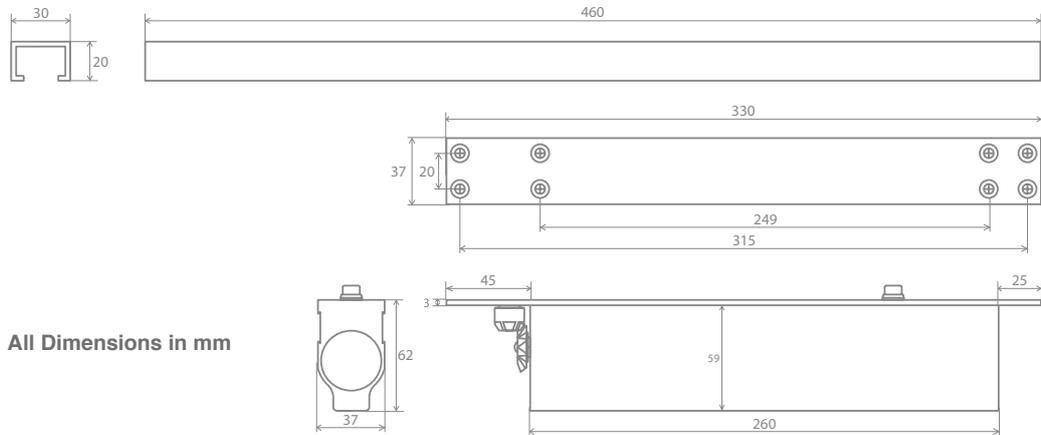
\*\*Halspan® 9200 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

### Product Codes

Product Name	Halspan NFR 9200 Series Power Concealed Closer Size 2-5	
Colour	Product Codes	
● Brushed Stainless Steel	CLR-CCL-025-BSS	
● Silver	CLR-CCL-025-SIL	



## Design Guide



All Dimensions in mm

## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually.

Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment.

If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle.

If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# HALSPAN®



## Halspan® 30/60 9200 Series Power Concealed Closer Fire Rated Power Door Closers



**Halspan® 9200 Range** concealed closers are high efficiency, true cam action concealed slide arm closers. Suitable for most applications, particularly those with public use. Where a higher level of performance is required, Halspan® 9200 concealed closers are ideal for use on wider, heavier doors. With fire certification up to 60 minutes, Halspan® 9200 Power concealed closers offer outstanding durability combined with exceptional reliability.



### Fire

<b>Tested in Accordance with:</b>	EN 1634: Part 1:2014 BS 476: Part 22:1987
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### Product Codes & Specification

#### Master Product Code: BOM-CCL-025

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

#### Specification

- Type: Overhead concealed slide arm door closer
- Size: Power adjustable by spring EN2-5
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1250mm
- Max Door Weight: 100kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 767mm
- Application: LH and RH doors - universal application
- Full intumescent protection pack to suit fire rating included
- 25 year guarantee\*\*

<b>Classification Number*</b>	<b>3</b>	<b>8</b>	<b>2/5</b>	<b>1</b>	<b>1</b>	<b>3</b>
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

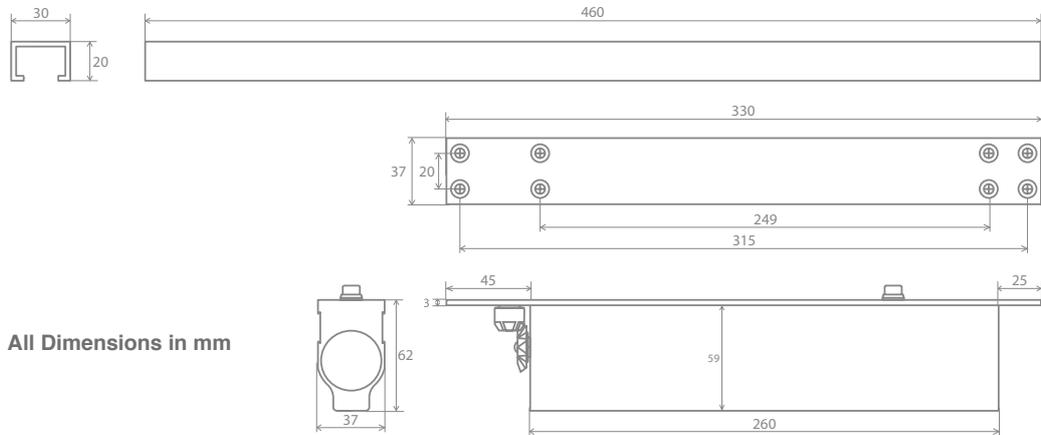
\*\*Halspan® 9200 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

### Product Codes

<b>Product Name</b>	Halspan 30/60 9200 Series Power Concealed Closer Size 2-5. Includes Intumescent protection	
<b>Colour</b>	<b>Product Codes</b>	
● Brushed Stainless Steel	BOM-CCL-025-BSS	
● Silver	BOM-CCL-025-SIL	



## Design Guide



All Dimensions in mm

## General Maintenance & Operational Notes

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

### CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually.

Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment.

If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle.

If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

### CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

### CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

### ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

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# Halspan Grade 13 Hinges

## Radius or Square Corner Options



**Halspan® Grade 13 Hinges** provide strength and durability to complement Halspan's full range of NFR, 30, 60 and 90 minute door cores. Fully certified and backed by our extensive fire test evidence, Halspan® 90 grade 13 hinges have also undergone rigorous durability testing, showing little sign of wear after passing a 200,000 cycle test, ensuring suitability for use on doorsets from non-fire rated (NFR) up to 90 minutes, doors in heavy duty application.

### Fire

<b>Tested in Accordance with:</b>	EN1634-1**
	BS 476: Part 22:1987
	**When fitted with approved intumescent hinge pads (supplied)

### Product Codes & Specification

#### Specification

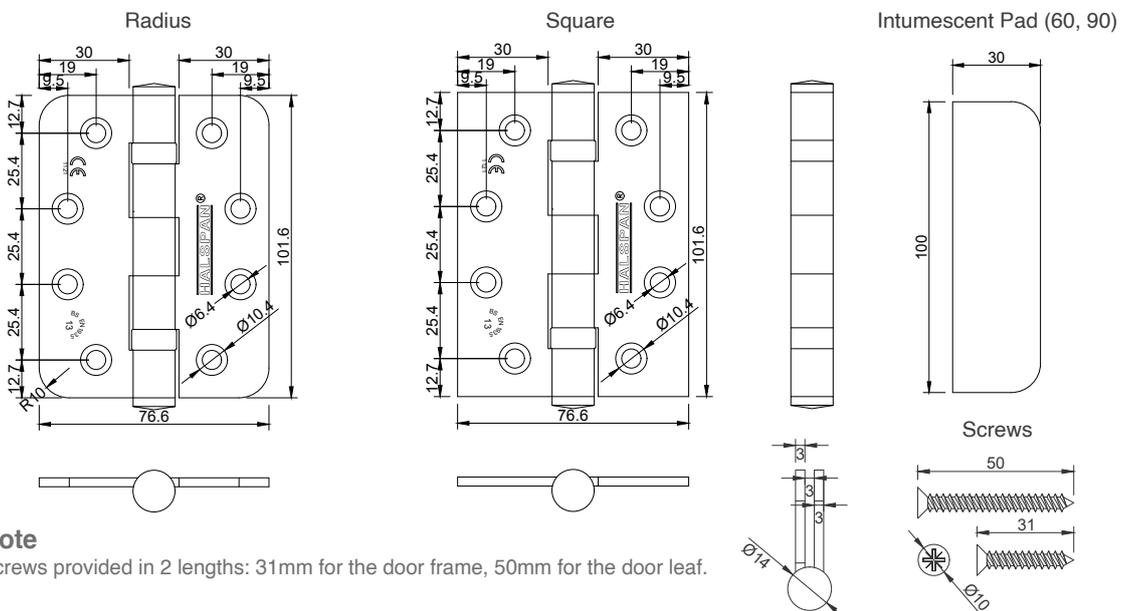
- 101.6 x 76 x 3mm Triple knuckle Butt Hinge
- BS EN 1935:2022 Grade 13
- UKCA & CE 1121 - Certifire Certificate CF6059
- Suitable for use with backcheck door closers
- Maximum adjusted door weight 120kg
- Maintenance free, guaranteed for 10 years
- Supplied with 31mm screws for the frame and 50mm screws for the door

#### Classification Number\*

**4 7 6 1 1 4 0 13**

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Design Guide



#### Note

Screws provided in 2 lengths: 31mm for the door frame, 50mm for the door leaf.

# Halspan Grade 13 Hinges

## Radius or Square Corner Options



### Non Fire Rated & 30 minute Hinges

**Product Name** Halspan 30 Grade 13 Square Corner Hinge Includes 31mm & 50mm screws

Master Code	HIN-BSS-103
Colour	Product Codes
● Brushed Stainless Steel	HIN-BSS-103-BSS
● Polished Stainless Steel	HIN-BSS-103-PSS
● Brass	HIN-BSS-103-BRS



**Product Name** Halspan 30 Grade 13 Radius Corner Hinge Includes 31mm & 50mm screws

Master Code	HIN-BSS-104
Colour	Product Codes
● Brushed Stainless Steel	HIN-BSS-104-BSS
● Polished Stainless Steel	HIN-BSS-104-PSS
● Brass	HIN-BSS-104-BRS



### 60 minute Hinges

**Product Name** Halspan 60 Grade 13 Square Corner Hinge Includes 31mm & 50mm screws and 1mm Intumescent Pads

Master Code	BOM-HIN-200
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-200-BSS
● Polished Stainless Steel	BOM-HIN-200-PSS
● Brass	BOM-HIN-200-BRS



**Product Name** Halspan 60 Grade 13 Radius Corner Hinge Includes 31mm & 50mm screws and 1mm Intumescent Pads

Master Code	BOM-HIN-201
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-201-BSS
● Polished Stainless Steel	BOM-HIN-201-PSS
● Brass	BOM-HIN-201-BRS



### 90 minute Hinges

**Product Name** Halspan 90 Grade 13 Square Corner Hinge Includes 31mm & 50mm screws and 2mm Intumescent Pads

Master Code	BOM-HIN-102
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-102-BSS
● Polished Stainless Steel	BOM-HIN-102-PSS
● Brass	BOM-HIN-102-BRS



**Product Name** Halspan 90 Grade 13 Radius Corner Hinge Includes 31mm & 50mm screws and 2mm Intumescent Pads

Master Code	BOM-HIN-103
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-103-BSS
● Polished Stainless Steel	BOM-HIN-103-PSS
● Brass	BOM-HIN-103-BRS



# Halspan Grade 13 Hinges

## Radius or Square Corner Options



Brushed Stainless Steel (BSS)	Polished Stainless Steel (PSS)	Brass (BRS)
		



### General Maintenance & Operational Notes

- Test data is based on a standard 3 hinges fitted to a doorset, as is the most common method of fixing. This is based upon 120kg max. weight door which is tested to 200,000 cycles in accordance with BS EN 1935:2002.
- Fitting configurations may need to be adapted based on door size, door weight and / or door hardware.
- It is recommended that routine maintenance is undertaken on a bi-annual basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- Newly fitted hinges containing ball-bearing races packed with grease may experience a small amount of grease seepage following installation, as excess grease is expelled from the bearing as it beds in. This grease should be wiped from the hinge knuckle using a cloth moistened with white spirit.
- It is also recommended that upon inspection hinges may be lubricated using a fine machine “3 in 1” type oil. Care must be taken not to over-lubricate. Wipe off excess and ensure protection is placed on floor directly under hinges to prevent any overspill to floor surface. It is recommended to lubricate approx every 25,000 cycles.
- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- As a prerequisite of compliance, it is recommended to keep a log of the adopted maintenance schedule for each installation.

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# Halspan Grade 14 Hinges

## Radius Corner

**Halspan® Grade 14 Hinges** provide strength and durability to complement Halspan's full range of fire rated and non-fire rated door cores. Fully certified and backed by our extensive fire test evidence, Halspan® Grade 14 hinges have also undergone rigorous durability testing, showing little sign of wear after passing a 1,000,000 cycle test, ensuring suitability for doors in severe duty application. Halspan® Grade 14 hinges are maintenance free and come with 25 year guarantee



### Fire

<b>Tested in Accordance with:</b>	BS 476: Part 22:1987
	BS EN 1634-1:2014
	**When fitted with approved intumescent hinge pads (supplied)



### Product Codes & Specification

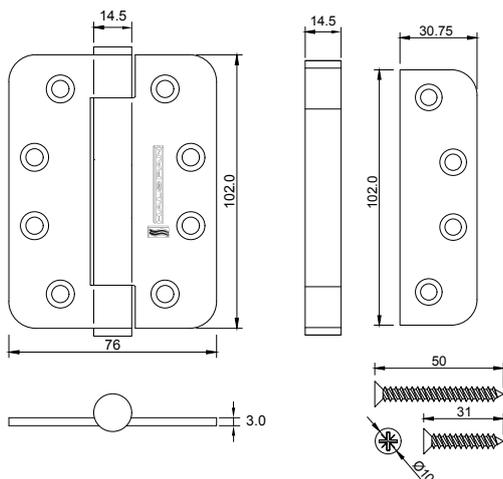
#### Specification

- 102 x 76 x 3mm Concealed bearing butt hinge
- BS EN 1935:2022 Grade 14
- UKCA & CE 1121
- Suitable for use with backcheck door closers
- Maximum adjusted door weight 160kg
- Maintenance free, guaranteed for 10 years
- Tested to 1,000,000 cycles
- Supplied with 31mm screws for the frame and 50mm screws for the door
- Satin Stainless Steel

<b>Classification Number*</b>	4	7	7	1	1	4	0	14
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\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Design Guide



#### Note

Screws provided in 2 lengths: 31mm for the door frame, 50mm for the door leaf.

# Halspan Grade 14 Hinges Radius Corner



## Non Fire Rated & 30 minute Hinges

**Product Name** Halspan 30 Grade 14 Radius Corner Hinge Includes 31mm & 50mm screws

Master Code	HIN-BSS-108
Colour	Product Codes
● Brushed Stainless Steel	HIN-BSS-108-BSS
● Polished Stainless Steel	HIN-BSS-108-PSS
● Brass	HIN-BSS-108-BRS



## 60 minute Hinges

**Product Name** Halspan 60 Grade 14 Radius Corner Hinge Includes 31mm & 50mm screws

Master Code	BOM-HIN-202
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-202-BSS
● Polished Stainless Steel	BOM-HIN-202-PSS
● Brass	BOM-HIN-202-BRS



## 90 and 120 minute Hinges

**Product Name** Halspan 90/120 Grade 14 Radius Corner Hinge Includes 31mm & 50mm screws and 2mm Intumescent Pads

Master Code	BOM-HIN-104
Colour	Product Codes
● Brushed Stainless Steel	BOM-HIN-104-BSS
● Polished Stainless Steel	BOM-HIN-104-PSS
● Brass	BOM-HIN-104-BRS



Brushed Stainless Steel (BSS)	Polished Stainless Steel (PSS)	Brass (BRS)

# Halspan Grade 14 Hinges Radius Corner



## General Maintenance & Operational Notes

- Test data is based on a standard 3 hinges fitted to a doorset, as is the most common method of fixing. This is based upon 120kg max. weight door which is tested to 200,000 cycles in accordance with BS EN 1935:2002.
- Fitting configurations may need to be adapted based on door size, door weight and / or door hardware.
- It is recommended that routine maintenance is undertaken on a bi-annual basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- Newly fitted hinges containing ball-bearing races packed with grease may experience a small amount of grease seepage following installation, as excess grease is expelled from the bearing as it beds in. This grease should be wiped from the hinge knuckle using a cloth moistened with white spirit.
- It is also recommended that upon inspection hinges may be lubricated using a fine machine "3 in 1" type oil. Care must be taken not to over-lubricate. Wipe off excess and ensure protection is placed on floor directly under hinges to prevent any overspill to floor surface. It is recommended to lubricate approx every 25,000 cycles.
- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- As a prerequisite of compliance, it is recommended to keep a log of the adopted maintenance schedule for each installation.

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# Halspan® Lock Cases

## Euro DIN Standard Lock Cases

**Halspan® 90 and 120 Lock Cases** have been specifically tested by Halspan in our FD90 and FD120 door cores along with our intumescent kits to ensure compliance. Tested to 200,000 cycles, they offer durability, strength and ease of use. The interchangeable forend and keeps included as standard enable this lock to be used in sashlock, deadlock or mortice latch configurations.



### Fire

**Tested in Accordance with:** EN 1634-1:2014 & BS 476: Part 22:1987



### Product Codes & Specification

#### Specification

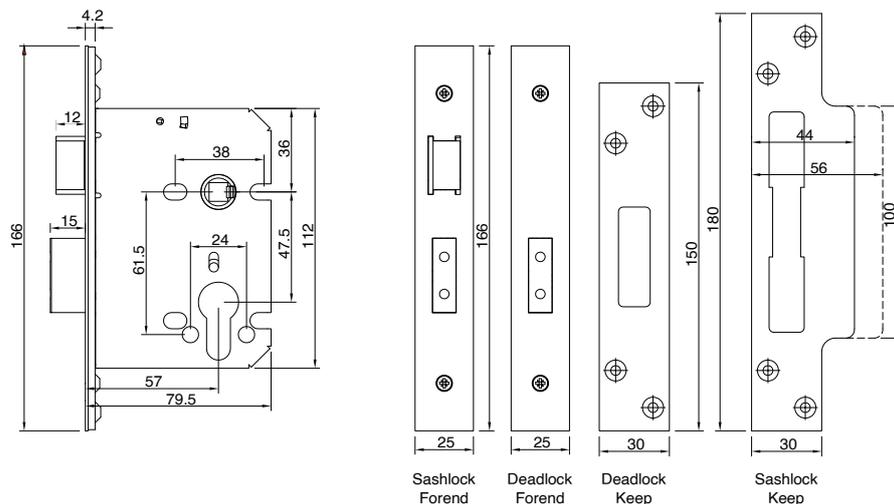
- **Case:** Pierced to accept 24mm and 38mm centre bolt through fixing escutcheons and 38mm centre horizontally opposed bolt through fixing furniture
- **Latchbolt:** Brass, reversible. Projection 12mm.
- **Deadbolt:** Brass, with two hardened steel rollers. Throw 15mm.
- **Follower:** Brass, to suit 8mm square spindle. One-way action. Sprung to suit unsprung lever handle furniture.
- **Intumescent:** Unique formulation for the application.
- **Classification Standard:** BS EN 12209:2016

**Classification Number\***

**2 H 8 1 0 G 2 B A 2 0**

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Design Guide



### Halspan 90 Lock Case

<b>Product Name</b>	Halspan 90 Lock Case Includes faceplates, strikes and 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-102	Finish
	BOM-LCK-102-BSS	●
<b>Product Codes</b>		



### Halspan 120 Lock Case

<b>Product Name</b>	Halspan 120 Lock Case Includes faceplates, strikes and 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-103	Finish
	BOM-LCK-103-BSS	●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
- All locks should be maintained on a regular basis and it is recommended that a log of bi-annual inspections is kept and maintained. Maintenance checks should include suitable functional tests inclusive of all fitted accessories (dependant on lock type and function) and suitable visual inspection.
- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- As a prerequisite of compliance, it is recommended to keep a log of the adopted maintenance schedule for each installation.

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### Halspan NFR Radius Forend Dead Lock

<b>Product Name</b>	Halspan NFR Radius Forend Dead Lock	
<b>Master Code</b>	LCK-BSS-102	Finish
	LCK-BSS-102-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 30 Radius Forend Dead Lock

<b>Product Name</b>	Halspan 30 Radius Forend Dead Lock Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-107	Finish
	BOM-LCK-107-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 60 Radius Forend Dead Lock

<b>Product Name</b>	Halspan 60 Radius Forend Dead Lock Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-108	Finish
	BOM-LCK-108-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 90/120 Radius Forend Dead Lock

<b>Product Name</b>	Halspan 90/120 Radius Forend Dead Lock Includes 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-116	Finish
	BOM-LCK-116-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
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- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
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# Halspan® Din Standard Bathroom Locks

## Lock With Radius Forend

The **Din Standard Bathroom Locks** have been specifically tested by Halspan to 200,000 cycles, they offer durability, strength and ease of use. The Halspan DIN Standard lock family offers consistency of quality, materials and sizes across the whole range.



### Product Codes & Specification

#### Specification

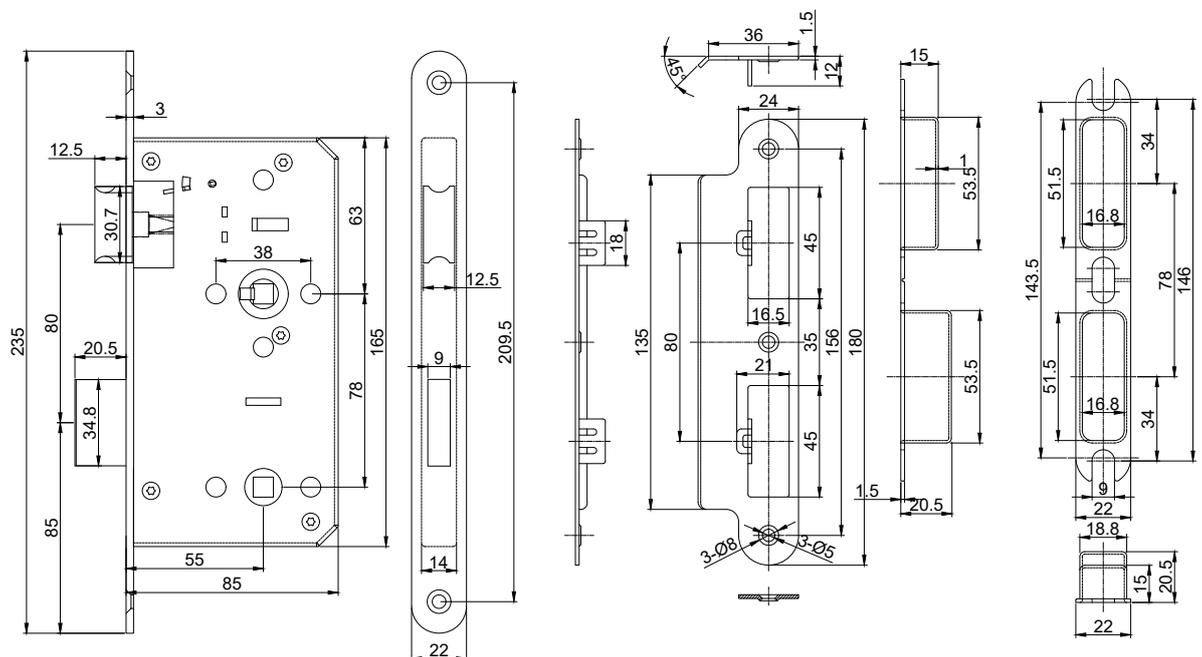
- Tested to 200,000 cycles
- BS EN 12209:2003 Grade 3
- Radius profile - 22mm Grade 304 stainless steel forend
- Grade 304 stainless steel latchbolt & deadbolt
- Double throw deadbolt
- Anti-rattle strike
- Grip tight follower
- 10 year mechanical guarantee

Classification Number\*

**3 X 8 1 0 G - B G 2 0**

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Design Guide



# Halspan® DIN Standard Bathroom Locks

Lock with Radius Forend



## Halspan NFR Radius Bathroom Dead Lock

<b>Product Name</b>	Halspan NFR Radius Bathroom Lock	
<b>Master Code</b>	LCK-BSS-103	Finish
	LCK-BSS-103-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



## Halspan 30 Radius Bathroom Lock

<b>Product Name</b>	Halspan 30 Radius Forend Bathroom Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-109	Finish
	BOM-LCK-109-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



## Halspan 60 Radius Bathroom Lock

<b>Product Name</b>	Halspan 60 Radius Forend Bathroom Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-110	Finish
	BOM-LCK-110-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external & exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains & marks use a soft cloth, sponge or brush with a small amount household, detergent free mild abrasive.
- Surface oxidation can appear as a result of contaminants, its is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool & steel brushes can leave particles in surfaces leading to rust, these should be avoided.
- All locks be maintained on regular basis & its is recommend that a log of bi-annual inspections is kept and maintained. Maintenance checks should include suitable functional tests inclusive of all fitted accessories (dependant on lock type and function) and suitable visual inspection.
- It is recommended that routine cleaning is undertaken on a monthly basis & in areas of extreme environment or contaminants this should be increased accordingly.
- As a prerequisite of compliance it is recommended to keep a log of the adopted maintenance schedule for each installation

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## Halspan® Din Standard Escape Sash Locks

### Lock with Radius Forend

Halspan® Din Standard Escape Sash Locks have been specifically tested by Halspan to 200,000 cycles, they offer durability, strength and ease of use. The Halspan DIN Standard lock family offers consistency of quality, materials and sizes across the whole range. Halspan Escape Sash Locks are also compliant with EN 179 when combined with compatible lever handles, permitting keyless exit.



#### Product Codes & Specification

##### Specification

- Tested to 200,000 cycles
- BS EN 12209:2003 Grade 3
- BS EN 179:2008 (with compatible levers)
- Radius profile - 22mm Grade 304 stainless steel forend
- Grade 304 stainless steel latchbolt & deadbolt
- Double throw deadbolt
- Anti-rattle strike
- Grip tight follower
- 10 year mechanical guarantee

Classification No (EN179)\*

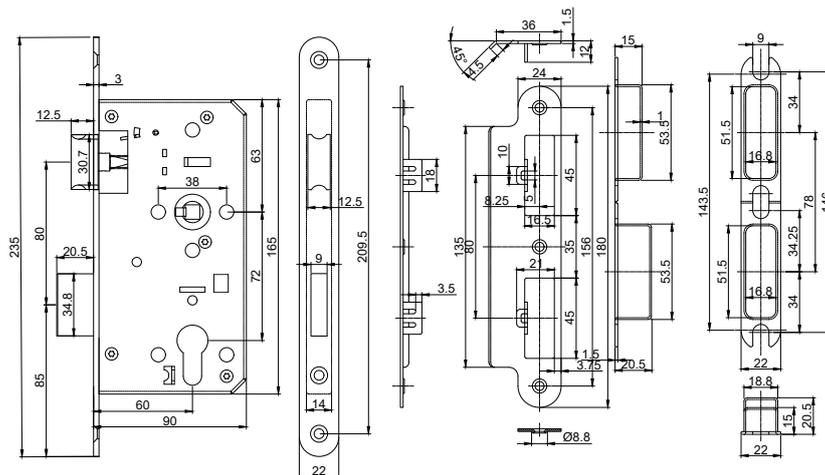
3 7 6 B 1 4 5 2 A B/D

Classification Number (EN 12209)\*

3 X 8 1 0 G 2 B C 0 0

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

#### Design Guide



### Halspan NFR Radius Forend Escape Sash Lock

<b>Product Name</b>	Halspan NFR Radius Forend Escape Sash Lock	
<b>Master Code</b>	LCK-BSS-106	Finish
	LCK-BSS-106-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 30 Radius Forend Escape Sash Lock

<b>Product Name</b>	Halspan 30 Radius Forend Escape Sash Lock Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-118	Finish
	BOM-LCK-118-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 60 Radius Forend Escape Sash Lock

<b>Product Name</b>	Halspan 60 Radius Forend Escape Sash Lock Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-121	Finish
	BOM-LCK-121-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 90/120 Radius Forend Escape Sash Lock

<b>Product Name</b>	Halspan 90/120 Radius Forend Escape Sash Lock Includes 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-113	Finish
	BOM-LCK-113-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
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- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
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# Halspan® DIN Standard Mortice Latches

## Lock with Radius Forend

Halspan® Din Standard Mortice Latches have been specifically tested by Halspan to 200,000 cycles, they offer durability, strength and ease of use. The Halspan DIN Standard lock family offers consistency of quality, materials and sizes across the whole range.



### Product Codes & Specification

#### Specification

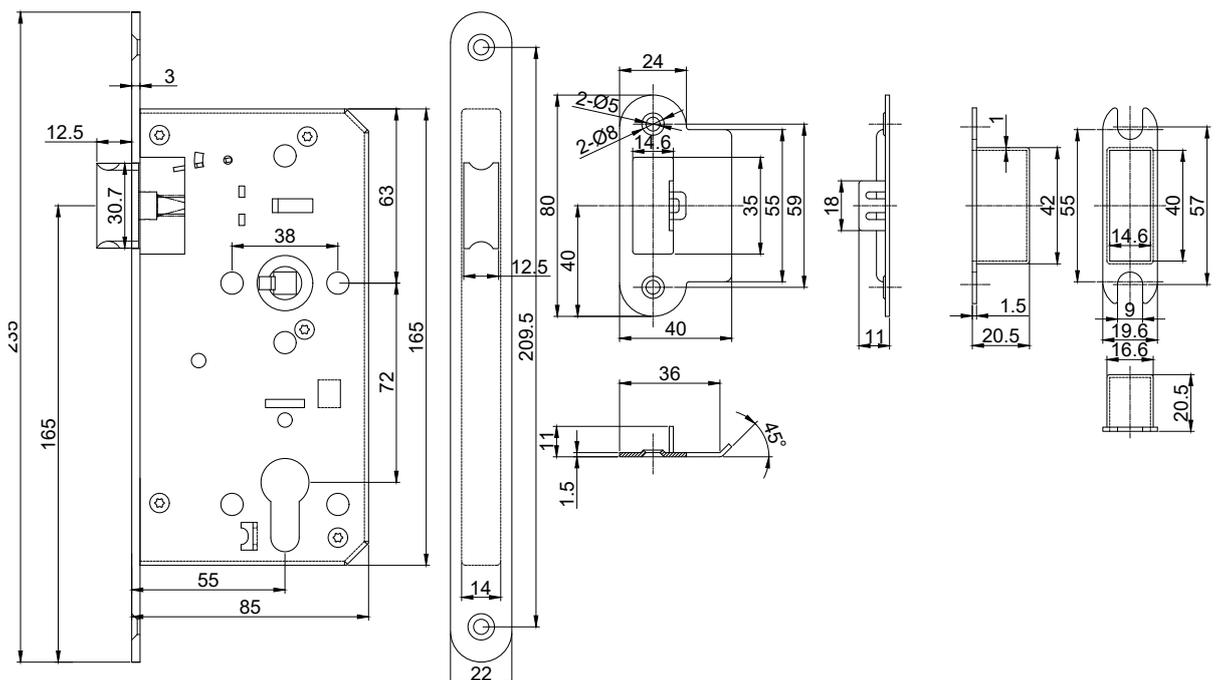
- Tested to 200,000 cycles
- BS EN 12209:2003 Grade 3
- Radius profile - 22mm Grade 304 stainless steel forend
- Grade 304 stainless steel latchbolt
- Anti-rattle strike
- Grip tight follower
- 10 year mechanical guarantee

Classification Number\*

3 X 8 1 0 G - B 0 2 0

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

### Design Guide



# Halspan® DIN Standard Mortice Latches

Lock with Radius Forend



## Halspan NFR Radius Forend Mortice Latches

<b>Product Name</b>	Halspan NFR Radius Forend Mortice Latch	
<b>Master Code</b>	LCK-BSS-107	Finish
	LCK-BSS-107-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



## Halspan 30 Radius Forend Mortice Latches

<b>Product Name</b>	Halspan 30 Radius Forend Mortice Latch Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-119	Finish
	BOM-LCK-119-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



## Halspan 60 Radius Forend Mortice Latches

<b>Product Name</b>	Halspan 60 Radius Forend Mortice Latch Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-122	Finish
	BOM-LCK-122-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



## Halspan 90/120 Radius Forend Mortice Latches

<b>Product Name</b>	Halspan 90/120 Radius Forend Mortice Latch Includes 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-115	Finish
	BOM-LCK-115-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
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# Halspan® DIN Standard Mortice Nightlatch Lock with Radius Forend

Halspan® Din Standard Mortice Nightlatches have been specifically tested by Halspan to 200,000 cycles, they offer durability, strength and ease of use. The Halspan DIN Standard lock family offers consistency of quality, materials and sizes across the whole range.



## Product Codes & Specification

### Specification

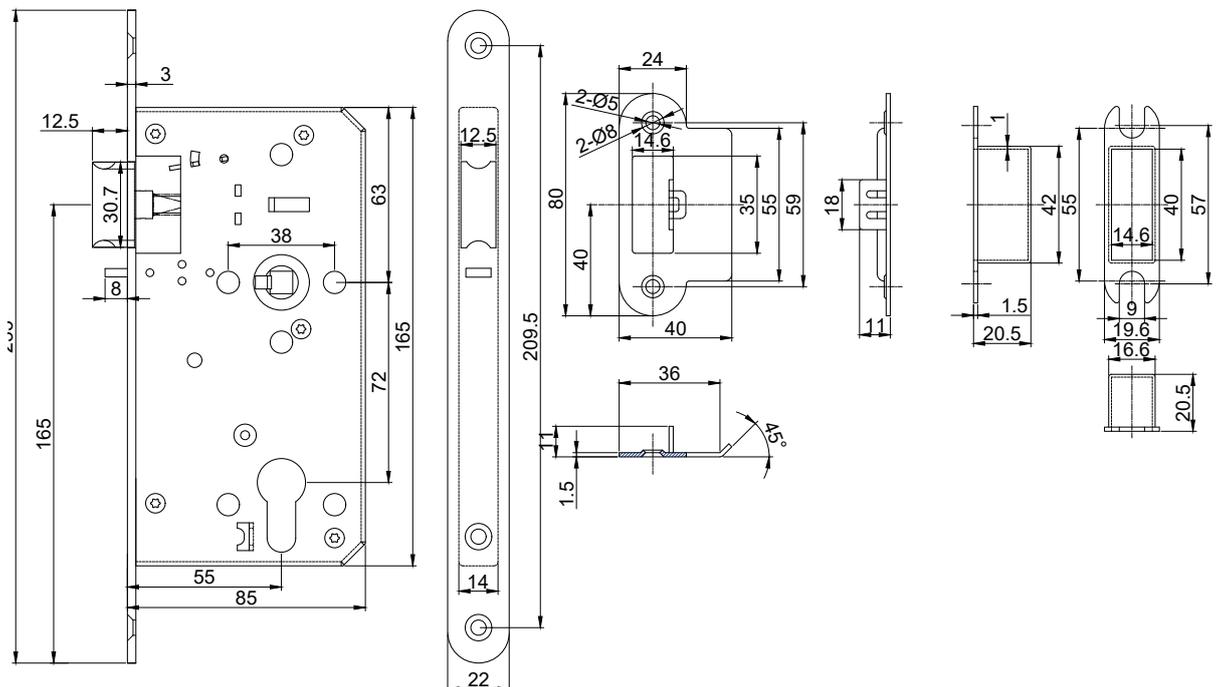
- Tested to 200,000 cycles
- BS EN 12209:2003 Grade 3
- Radius profile - 22mm Grade 304 stainless steel forend
- Grade 304 stainless steel latchbolt
- Anti-thrust pin
- Anti-rattle strike
- Grip tight follower
- 10 year mechanical guarantee

Classification Number\*

3 X 8 1 0 G 1 B B 2 0

\*For Classification details refer to guidance notes available to download at [www.halspan.com](http://www.halspan.com), under Hardware.

## Design Guide



### Halspan NFR Radius Forend Mortice Nightlatch

<b>Product Name</b>	Halspan NFR Radius Forend Mortice Nightlatch	
<b>Master Code</b>	LCK-BSS-105	Finish
	LCK-BSS-105-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 30 Radius Forend Mortice Nightlatch

<b>Product Name</b>	Halspan 30 Radius Forend Mortice Nightlatch Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-117	Finish
	BOM-LCK-117-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 60 Radius Forend Mortice Nightlatch

<b>Product Name</b>	Halspan 60 Radius Forend Mortice Nightlatch Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-120	Finish
	BOM-LCK-120-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 90/120 Radius Forend Mortice Nightlatch

<b>Product Name</b>	Halspan 90/120 Radius Forend Mortice Nightlatch Includes 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-114	Finish
	BOM-LCK-114-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		





### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
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# Halspan® Din Standard Sash Locks

## Lock with Square or Radius Forend Options



### Halspan NFR Sash Lock

<b>Product Name</b>	Halspan NFR Square Forend Sash Lock	
<b>Master Code</b>	LCK-BSS-100	Finish
	LCK-BSS-100-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



<b>Product Name</b>	Halspan NFR Radius Forend Sash Lock	
<b>Master Code</b>	LCK-BSS-104	Finish
	LCK-BSS-104-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 30 Sash Lock

<b>Product Name</b>	Halspan 30 Square Forend Sash Lock Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-106	Finish
	BOM-LCK-106-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



<b>Product Name</b>	Halspan 30 Radius Forend Sash Lock Includes 1mm Intumescent protection (forend & keep)	
<b>Master Code</b>	BOM-LCK-104	Finish
	BOM-LCK-104-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### Halspan 60 Sash Lock

<b>Product Name</b>	Halspan 60 Square Forend Sash Lock Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-105-BSS	Finish
	BOM-LCK-105-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



<b>Product Name</b>	Halspan 60 Radius Forend Sash Lock Includes 1mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-111	Finish
	BOM-LCK-111-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



# Halspan® Din Standard Sash Locks

## Lock with Square or Radius Forend Options



### Halspan 90/120 Sash Lock

<b>Product Name</b>	Halspan 90/120 Radius Forend Sash Lock Includes 2mm Intumescent protection (forend, keep & lock body)	
<b>Master Code</b>	BOM-LCK-112	Finish
	BOM-LCK-112-BSS	Brushed Stainless Steel ●
<b>Product Codes</b>		



### General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
- All locks should be maintained on a regular basis and it is recommended that a log of bi-annual inspections is kept and maintained. Maintenance checks should include suitable functional tests inclusive of all fitted accessories (dependant on lock type and function) and suitable visual inspection.
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# Halspan® Three Point Locks

## PAS 24 Tested Locks



Halspan® Three Point Locks are engineered to provide long-term reliability and security. With auto-locking function, top and bottom deadbolts with a central latch and deadbolt, Halspan® Three point Locks are secure, adaptable, UKAS tested to PAS 24 standard and licensed to the Police approved Secured by Design standard.



### Features & Materials

- PAS 24 tested
- Top & bottom deadbolts and central deadbolt and latch
- Dual spindle
- Easily reversible latch as standard
- Supplied complete with strike plates
- Auto-locking function
- Integral hold back latch function on lock faceplate
- Available in dual spindle for use with 92mm/92mm or 92mm/62mm long backplate handles
- 10 year mechanical guarantee\*

### Materials

- **Top and Bottom Deadbolt:** Chrome plated A3 hardened cast steel
- **Centre Deadbolt:** CZ122 brass stamping
- **Faceplate:** 20mm 304 austenitic stainless steel
- **Gearbox:** Zinc and clear passivated mild steel

For maximum security the Halspan Three Point Lock can should be used with the Kinetica 3 star BSI Kitemarked TS007 cylinder



### Operational & Durability

<b>Corrosion Resistance</b>	BS EN 1670 Grade 5 (480 hours)
<b>Cycle Operation</b>	Cycle tested to 50,000 operations

\*Subject to terms and conditions available from Halspan.

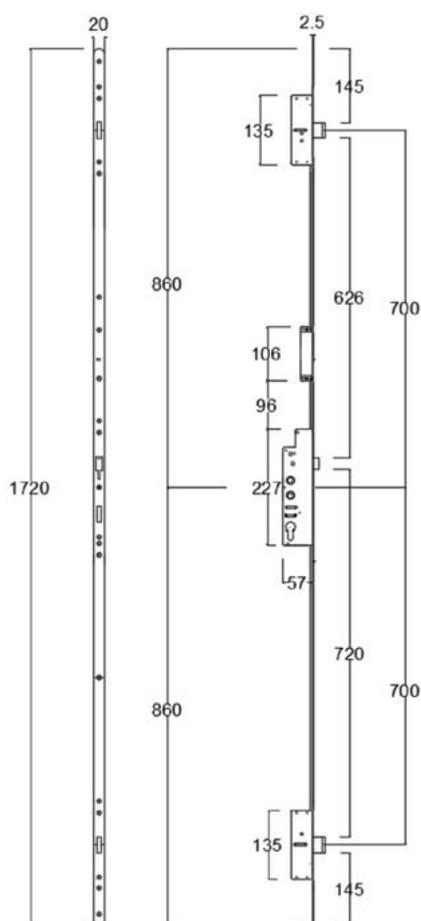


### Product Codes & Specification

#### Passivated Mild Steel Faceplate: 1720mm x 20mm - 700mm Three Point Lock

Fire Rating	Spindle	Backset Size	Handle Backplate	Handle Centres	No of Hooks	No of Deadbolts	No of Mushrooms	Product Code
NFR	Dual	45mm	243mm	92mm or 92/62mm	0	3	0	LCK-BSS-310-NFR

### Design Guide





## General Maintenance & Operational Notes

- The multi point locks should be cleaned monthly with a moist cloth and not with any form of cleaning agent. The internal workings should be lightly sprayed with 3 in 1 or a light machine oil (or similar) every 12 weeks.

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# Halspan® Kinetica 3\* Cylinder

Euro Cylinders for Three Point and DIN Standard Locks

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24



The **Kinetica 3 star cylinders** are produced to the highest security standard and remove the need for upgrading handles or adding extra security devices when used with the Halspan Three Point Lock. Halspan Kinetica 3 star cylinders are also suitable for use with DIN standard locks for added peace of mind.

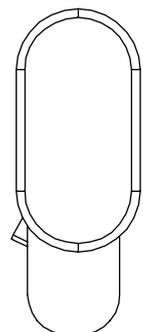
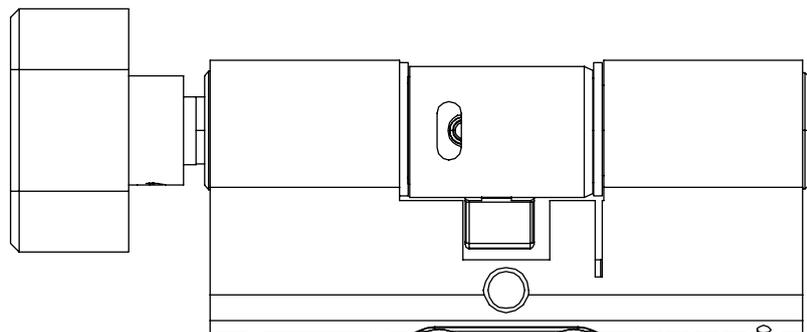


## Product Codes & Specification

### Specification

- Available in Brass, Chrome and Satin Nickel
- BSI 3\* Kitemarked
- Secured by Design approved
- Sold secure Diamond Standard
- Supplied with 5 keys
- Sacrificial cut, anti-bump, anti-drill and anti-pick
- Special shaped thumb turn - designed for the elderly, people with arthritis and limited hand movement
- Tested to 30 & 60 minutes fire resistance and PAS24 by Halspan

## Design Guide



# Halspan® Kinetica 3\* Cylinder

Cylinders for Three Point Locks



## Halspan Kinetica 3\* Cylinder

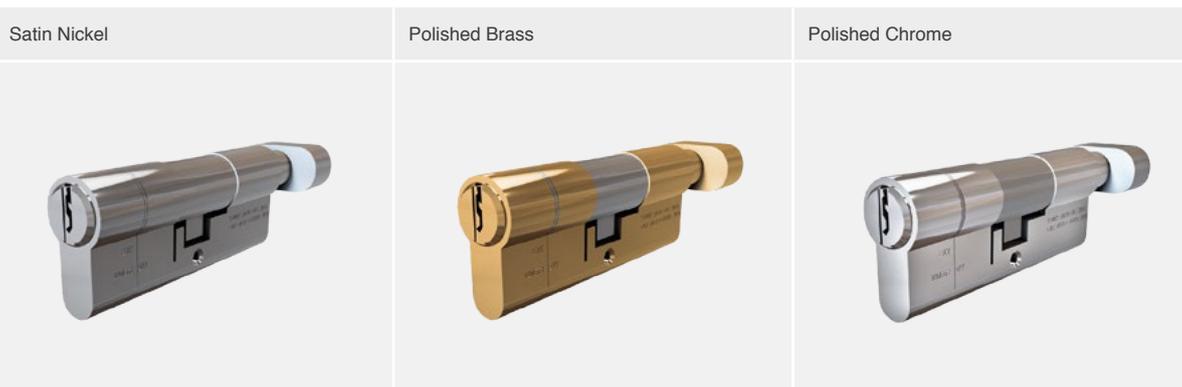
**Product Name** Halspan Kinetica 3\* Cylinder To suit 44mm doors PAS24 compliant Includes 5 keys

<b>Master Code</b>	KIN-CYL-044
<b>Colour</b>	<b>Product Codes</b>
● Satin Nickel	KIN-CYL-100-SNK
● Polished Brass	KIN-CYL-100-PBS
● Polished Chrome	KIN-CYL-100-PCR



**Product Name** Halspan Kinetica 3\* Cylinder To suit 54mm doors PAS24 compliant Includes 5 keys

<b>Master Code</b>	KIN-CYL-054
<b>Colour</b>	<b>Product Codes</b>
● Satin Nickel	KIN-CYL-054-SNK
● Polished Brass	KIN-CYL-054-PBS
● Polished Chrome	KIN-CYL-054-PCR



# Halspan® Kinetica 3\* Cylinder

## Cylinders for Three Point Locks



### General Maintenance & Operational Notes

We guarantee that the cylinders will not tarnish on the door for the guarantee period\* given subject to:

- The cylinders are applied to a door or door panel, and no item of door furniture on the door or door panel are sealed or fixed using any form of silicone sealant or the like.
- The cylinder is fixed correctly and the right way around using the correct fixings, and are not scratched or damaged at any time during the installation process or thereafter.
- The cylinder is installed inland (defined as 25 miles from the coast or 5 miles from highly populated industrial areas) and are cleaned monthly with a moist cloth. At no point should any form of cleaning agents be used.
- The internal workings of the cylinder should be lightly sprayed with a silicone lubricant (or similar) every 4 weeks. A suitable, widely available product is GT85. Dry graphite maintenance powder is a suitable alternative. Do not use WD-40 or oil-based lubricants as these may attract debris.
- It's very easy to do. If you are using GT85, spray it into your Euro profile cylinder whilst inserting your key in and out several times. If the internal side of your cylinder features a thumbturn, this will also need lubricating. Spray the silicone lubricant into the gap in the neck of the thumbturn whilst turning clockwise and anti-clockwise. Doing so will keep your lock operating smoothly. If you are using dry graphite maintenance powder, follow the instructions provided.
- They should be cleaned monthly with a moist cloth. At no point should any form of cleaning agents be used.
- No claim will be accepted for any cylinder that is scratched or mutilated or fitted incorrectly.
- The guarantee only applies if the cylinder is fixed to the original door for which it was bought and fitted by the installer. The guarantee will cease immediately if the cylinder is removed from the original door or door panel.

\*Coating Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "2 years inland."

We guarantee that the cylinder will not fail mechanically the door for the guarantee period given above subject to the conditions outlined above

Mechanical Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "2 years."

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# Halspan® Letterplates

## TS008 Certified Letterplates

**Halspan® Letterplates** are stylish, streamlined, secure and suitable for suitable for Non fire rated, 30 and 60 minute doorsets. The ultimate TS008 certified letterplate, designed to both protect and perfect doors, Halspan® letterplates are highly engineered with over 120 different processes in each letterplate, setting them apart from anything else currently on the market.

Compliance with TS008, which sets the enhanced security requirements for letterplates, is a requirement of PAS 24:2016, the updated security standard for doorsets in the UK. As well as key fishing, TS008 also covers preventing unlocking the door through the letterplate, while allowing postal items to pass freely through it.



### Fire

<b>Tested in Accordance with:</b>	BS EN 1634-1: 2014
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### Product Codes & Specification

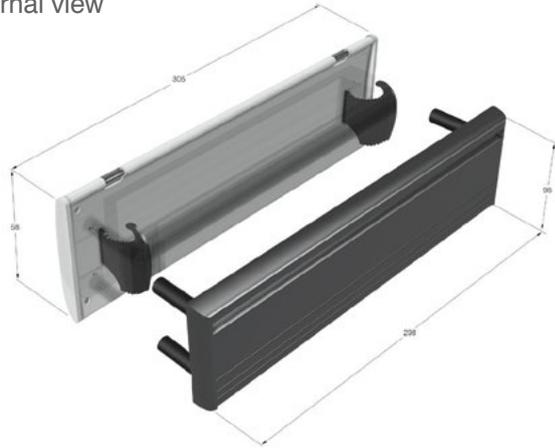
Our mix and match solution gives you the freedom to choose which finish you want for the internal and external frame. Whether it is a black inner frame with a white outer frame, or a traditional gold inner flap and gold outer flap, the choice is yours! Choose from six different finishes: chrome, gold anodised, silver anodised, polished silver, black and white.

<ul style="list-style-type: none"> <li>• Designed for 44mm - 70mm composite and timber doors</li> <li>• Full unrestricted door opening – minimal internal flap projection of only 14mm from the door falls within the end of the door handle meaning the door will open FULLY without the letterplate stopping it doing so</li> <li>• Aluminium flap construction</li> </ul>	<ul style="list-style-type: none"> <li>• Quick and easy fitting</li> <li>• Can withstand thousands of openings</li> <li>• Smooth working mechanism</li> <li>• No visible fixings</li> <li>• Anti-Vandal® feature</li> <li>• Offers maximum protection from key fishing</li> </ul>
<ul style="list-style-type: none"> <li>• Type: TS008 certified</li> <li>• Internal Letterplate Length: 298mm</li> <li>• Internal Letterplate Height: 98mm</li> <li>• Internal Frame Material: Stainless Steel</li> <li>• Flap Material: Aluminium</li> </ul>	<ul style="list-style-type: none"> <li>• Distance between screw holes: 277mm</li> <li>• External Letterplate Length: 305mm</li> <li>• External Letterplate Height: 58mm</li> <li>• External Letterplate Material: Aluminium</li> <li>• Cavity Hole Size: 54mm x 259mm</li> </ul>

Chrome	Gold	Satin Silver	Polished Silver	Black	White

**Design Guide**

External view



Internal view



**Design Guide**

**Product Name** Halspan TS008 Letterplate Internal

Master Code	Colour	LTP-INT-100
Product Codes	● Chrome	LTP-INT-100-CRM
	● Gold	LTP-INT-100-GLD
	● Satin Silver	LTP-INT-100-SSL
	● Polished Silver	LTP-INT-100-PSL
	● Black	LTP-INT-100-BLK
	○ White	LTP-INT-100-WHT



**Product Name** Halspan NFR TS008 Letterplate External

Master Code	Colour	LTP-EXT-100
Product Codes	● Chrome	LTP-EXT-100-CRM
	● Gold	LTP-EXT-100-GLD
	● Satin Silver	LTP-EXT-100-SSL
	● Polished Silver	LTP-EXT-100-PSL
	● Black	LTP-EXT-100-BLK
	○ White	LTP-EXT-100-WHT



**Product Name** Halspan 30 TS008 Letterplate External

Master Code	Colour	LTP-EXT-X30
Product Codes	● Chrome	BOM-LTP-X30-CRM
	● Gold	BOM-LTP-X30-GLD
	● Satin Silver	BOM-LTP-X30-SSL
	● Polished Silver	BOM-LTP-X30-PSL
	● Black	BOM-LTP-X30-BLK
	○ White	BOM-LTP-X30-WHT



**Product Name** Halspan 60 TS008 Letterplate External

Master Code	Colour	BOM-LPT-x60
Product Codes	● Chrome	BOM-LTP-X60-CRM
	● Gold	BOM-LTP-X60-GLD
	● Satin Silver	BOM-LTP-X60-SSL
	● Polished Silver	BOM-LTP-X60-PSL
	● Black	BOM-LTP-X60-BLK
	○ White	BOM-LTP-X60-WHT





## General Maintenance & Operational Notes

We guarantee that the letterplates will not tarnish on the door for the guarantee period\* subject to;

- The letterplates are applied to a door or door panel, and no item of door furniture on the door or door panel are sealed or fixed using any form of silicone sealant or the like.
- The letterplates are fixed correctly and the right way around with the brushes facing to the outside using the correct fixings, and are not scratched or damaged at any time during the installation process or thereafter.
- Nanocoast 304 or 316 grade stainless steel based letterplates are cleaned with a lemon based very mild soap solution and a soft cloth once a month, or every 2 weeks in areas of high sea salt such as coastal areas. At no point should any form of cleaning agents be used.
- Aluminium based letterplates are installed inland (defined as 25 miles from the coast or 5 miles from highly populated industrial areas) and are cleaned monthly with a moist cloth. At no point should any form of cleaning agents be used.
- No claim will be accepted for any letterplate that is scratched or mutilated or fitted incorrectly.
- Aluminium based letterplates are installed inland (defined as 25 miles from the coast or 5 miles from highly populated industrial areas) and are cleaned monthly with a moist cloth. At no point should any form of cleaning agents be used.
- The guarantee only applies if the letterplate is fixed to the original door for which it was bought and fitted by the installer. The guarantee will cease immediately if the letterplate is removed from the original door or door panel.

\* Coating Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "5 years inland" on aluminium based flap letterplates or "Lifetime" on Nanocoast 304 or 316 grade stainless steel based flap letterplates.

We guarantee that the letterplates will not fail mechanically the door for the guarantee period# subject to the conditions outlined above.

#Mechanical Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "5 years inland" on aluminium based flap letterplates or "10 years" on Nanocoast 304 or 316 grade stainless steel based flap letterplates.

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# Halspan® DUO Door Handle

## Handle for Three Point Locks

The **DUO door handle** is a high quality lever on backplate which is suitable for both internal and external use. These levers are aimed at the fabricator who wants to offer a high quality designed front door handle. The DUO door handle has a tube shaped handle, which gives a very comfortable grip when operating. The DUO handle is also compatible with Halspan three point locks and 3\* cylinders.

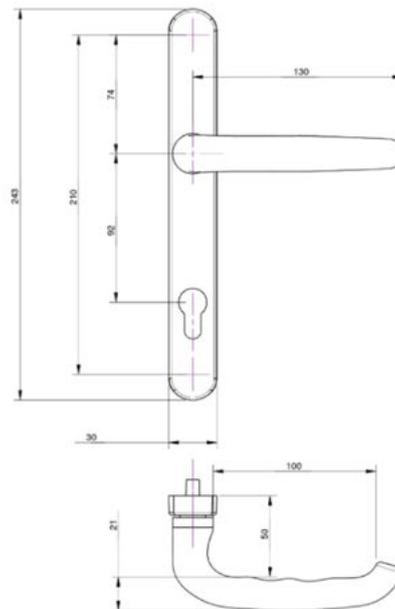


### Product Codes & Specification

#### Specification

- Handle also complies with DDA regulations
- 243mm long backplate
- Each handle comes with a LIFETIME coating guarantee\*
- Tube handle gives a very comfortable grip when operating
- Salt spray tested to ASTM B117 for 2,000 hours

### Design Guide



# Halspan® DUO Door Handle

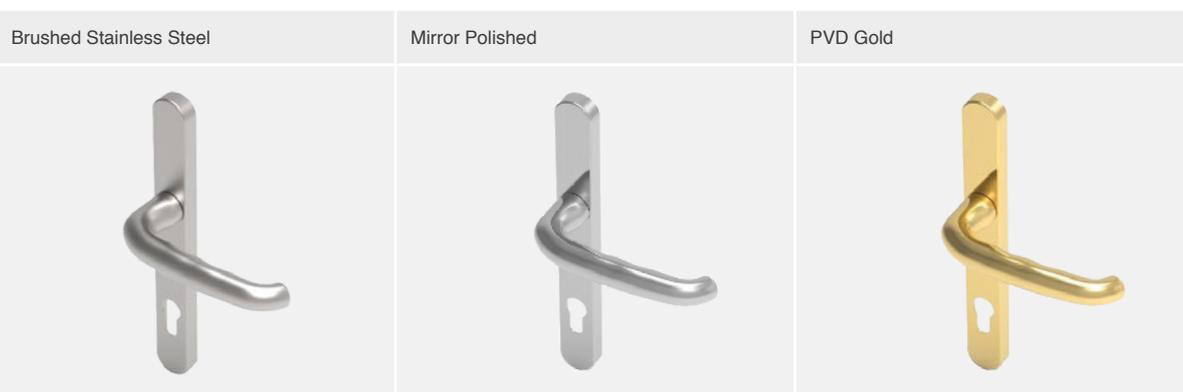
Handle for Three Point Locks



## Halspan DUO Door Handle

**Product Name** Halspan DUO Door Handle PAS24 compliant For use with three point locks

<b>Master Code</b>	DUO-HDL-100
<b>Colour</b>	<b>Product Codes</b>
● Brushed Stainless Steel	DUO-HDL-100-BSS
● Mirror Polished	DUO-HDL-100-MRP
● Gold	DUO-HDL-100-GLD





### General Maintenance & Operational Notes

Every product must be inspected before they are fitted on to a door, window frame or door panel for any defects. If any defects are found then the product must not be fitted and the fault reported immediately to UAP Limited. Any product fitted is assumed to have been inspected and approved as being fit for purpose.

We guarantee that the door handles will not tarnish on the door for the guarantee period\* subject to:

- The door handles are applied to a door or door panel, and no item of door furniture on the door or door panel are sealed or fixed using any form of silicone sealant or the like.
- The door handles are fixed correctly and the right way around using the correct fixings, and are not scratched or damaged at any time during the installation process or thereafter.
- Nanocoast 316 grade stainless steel based door handles are cleaned with a lemon based very mild soap solution and a soft cloth once a month, or every 2 weeks in areas of high sea salt such as coastal areas. At no point should any form of cleaning agents be used.
- Aluminium and zamak based door handles are installed inland (defined as 25 miles from the coast or 5 miles from highly populated industrial areas) and are cleaned monthly with a moist cloth. At no point should any form of cleaning agents be used.
- No claim will be accepted for any door handle that is scratched or mutilated or fitted incorrectly.
- The guarantee only applies if the door handle is fixed to the original door for which it was bought and fitted by the installer. The guarantee will cease immediately if the door handle is removed from the original door or door panel.

\*Coating Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "5 years inland" on aluminium and zamak based door handles or "Lifetime" on Nanocoast 316 grade stainless steel based door handles.

We guarantee that the door handles will not fail mechanically the door for the guarantee# period given below subject to the conditions outlined above.

# Mechanical Guarantee = the sooner of "the guarantee supplied for the door or window from the manufacturer" or "5 years inland" on aluminium and zamak based door handles or "10 years" on Nanocoast 316 grade stainless steel based door handles.

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# Halspan® Hardware Range

## Hardware



**Halspan® Hardware** range of durable stainless steel hardware products including lever handles, pull handles, bathroom turn & release handles, finger plates and escutcheons.



### Product Codes & Specification

#### Lever Handles

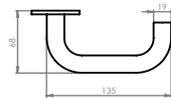
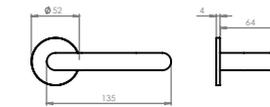
**Product Name** Halspan Lever Handles Slim Rose 20mm dia - 140mm x 20mm

**Finish Code** AB

**Size** 140 x 20

**Product Code** LVR-100-BSS

20mm dia UNSPRUNG safety lever handles on 50x4mm rose with grub screw fixing. Will suit mortice latch or lock.



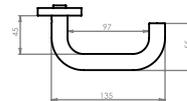
**Product Name** Halspan Lever Handles Sprung Rose 20mm dia - 140mm x 20mm

**Finish Code** SS

**Size** 140 x 20

**Product Code** LVR-200-BSS

20mm dia spring loaded safety lever handles on 50x8mm rose with grub screw fixing. Will suit mortice latch or lock.



#### Pull Handles

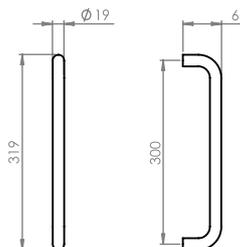
**Product Name** Halspan Pull Handle 19mm dia - 300mm x 19mm

**Finish Code** AB

**Size** 300 x 19

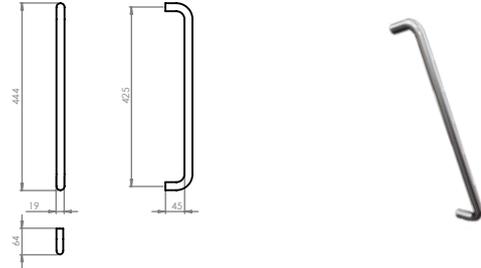
**Product Code** PUL-300-BSS

19mm dia x 300mm round pull bar handle with bolt through fixing.



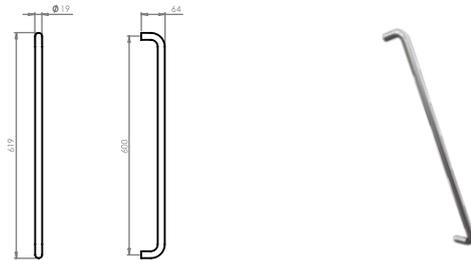
<b>Product Name</b>	<b>Halspan Pull Handle 19mm dia - 425mm x 19mm</b>
Finish Code	AB
Size	425 x 19
Product Code	PUL-425-BSS

19mm dia x 425mm round pull bar handle with bolt through fixing.



<b>Product Name</b>	<b>Halspan Pull Handle 19mm dia - 600mm x 19mm</b>
Finish Code	AB
Size	600 x 19
Product Code	PUL-600-BSS

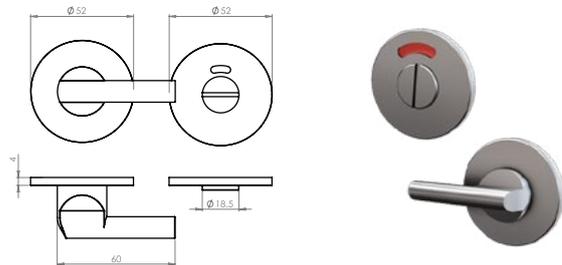
19mm dia x 600mm round pull bar handle with bolt through fixing.



### Bathroom Turn & Release

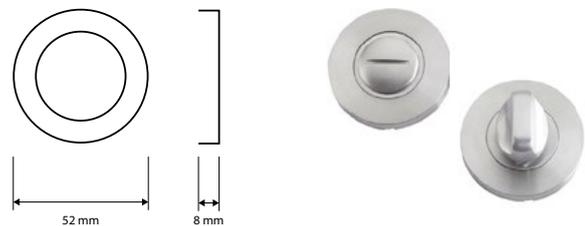
<b>Product Name</b>	<b>Halspan Bathroom Turn &amp; Release 52mm dia x 4mm</b>
Finish Code	SS
Size	52
Product Code	BTR-524-BSS

19mm dia x 300mm round pull bar handle with bolt through fixing.



<b>Product Name</b>	<b>Halspan Bathroom Turn &amp; Release 52mm dia x 8mm</b>
Finish Code	SS
Size	52
Product Code	BTI-524-BSS

Thumb Turn and Release complete with escutcheons & 5mm Spindle



### Finger Plates

<b>Product Name</b>	<b>Halspan Finger Plate 350mm x 75mm</b>
Finish Code	SS
Size	350 x 75
Product Code	FGP-350-BSS

Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews.



### Product Name Halspan Finger Plate 475mm x 75mm

Finish Code	SS
Size	475 x 75
Product Code	FGP-475-BSS

Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews.



### Product Name Halspan Finger Plate 650mm x 75mm

Finish Code	SS
Size	650 x 75
Product Code	FGP-650-BSS

Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews.

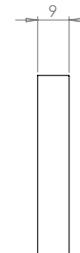
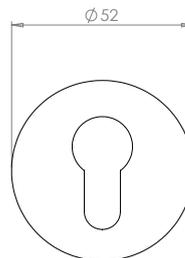


## Escutcheons

### Product Name Halspan Escutcheon 52mm dia x 8mm

Finish Code	AB
Size	52 x 8
Product Code	ESC-528-BSS

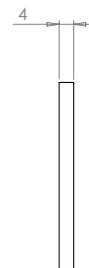
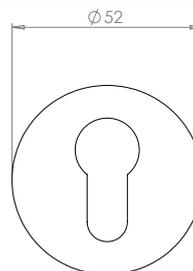
Push Plate with radius corners 1.2mm thick drilled and countersunk and supplied with woodscrews.



### Product Name Halspan Escutcheon 52mm dia x 4mm

Finish Code	SS
Size	52 x 4
Product Code	ESC-524-BSS

Euro profile cylinder escutcheon concealed fix.





### General Maintenance & Operational Notes

- All external & exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains & marks use a soft cloth, sponge or brush with a small amount household, detergent free mild abrasive.
- Surface oxidation can appear as a result of contaminants, its is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool & steel brushes can leave particles in surfaces leading to rust, these should be avoided.
- It is recommended that routine cleaning is undertaken on a monthly basis & in areas of extreme environment or contaminants this should be increased accordingly.
- As a prerequisite of compliance it is recommended to keep a log of the adopted maintenance schedule for each installation.

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# Halspan® Radius Flush Bolt

## Lever Action Flush Bolt

Halspan® Radius Flush Bolt have been specifically tested by Halspan in our FD30 and FD60 door cores along with our intumescent kits to ensure compliance. Tested to 200,000 cycles, they offer durability, strength and ease of use.



### Fire

<b>Tested in Accordance with:</b>	BS EN 1634-1 and BS 476 part 22
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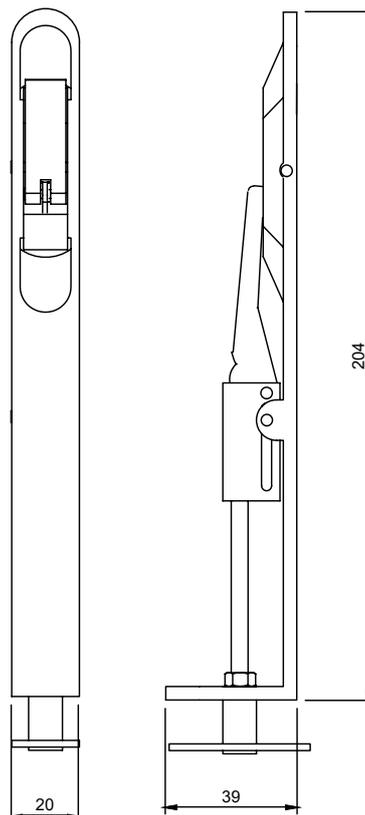


### Product Codes & Specification

#### Specification

- 11 Diameter bolt
- 15mm adjustable bolt throw
- Material: 304 grade Stainless Steel
- 10 year mechanical guarantee

### Design Guide



# Halspan® Radius Flush Bolt

## Lever Action Flush Bolt



### Halspan Radius Flush Bolt

<b>Product Name</b>	<b>Halspan NFR Radius Flush Bolt 203mm x 19mm</b>		
<b>Master Code</b>	<b>BLT-FLS-203</b>	<b>Finish</b>	
<b>Product Codes</b>	BLT-FLS-203-BSS	●	Brushed Stainless Steel
	BLT-FLS-203-PSS	●	Polished Stainless Steel



### Halspan 30 Radius Flush Bolt

<b>Product Name</b>	<b>Halspan 30 Radius Flush Bolt 203mm x 19mm. Includes Intumescent protection</b>		
<b>Master Code</b>	<b>BOM-BLT-030</b>	<b>Finish</b>	
<b>Product Codes</b>	BOM-BLT-030-BSS	●	Brushed Stainless Steel
	BOM-BLT-030-PSS	●	Polished Stainless Steel



### Halspan 60 Radius Flush Bolt

<b>Product Name</b>	<b>Halspan 60 Radius Flush Bolt 203mm x 19mm Includes Intumescent protection</b>		
<b>Master Code</b>	<b>BOM-BLT-060</b>	<b>Finish</b>	
<b>Product Codes</b>	BOM-BLT-060-BSS	●	Brushed Stainless Steel
	BOM-BLT-060-PSS	●	Polished Stainless Steel





## General Maintenance & Operational Notes

- All external and exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains and marks use a soft cloth, sponge or brush with a small amount of household, detergent-free mild abrasive.
- Surface oxidation can appear as a result of contaminants. It is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool and steel brushes can leave particles in surfaces leading to rust, and should therefore be avoided.
- All locks should be maintained on a regular basis and it is recommended that a log of bi-annual inspections is kept and maintained. Maintenance checks should include suitable functional tests inclusive of all fitted accessories (dependant on lock type and function) and suitable visual inspection.
- It is recommended that routine cleaning is undertaken on a monthly basis. In areas of extreme environment or contaminants, this should be increased accordingly.
- As a prerequisite of compliance, it is recommended to keep a log of the adopted maintenance schedule for each installation.

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# Halspan® Door Viewers

## Door Viewers With Glass Lens



Halspan® Door Viewers for fire doors provide a 180 degree angle of vision and are suitable for both FD30 and FD60 ratings.



### Fire

<b>Tested in Accordance with:</b>	BS EN 1634-1
<b>FD30</b>	Without intumescent
<b>FD60</b>	Aperture must be lined with intumescent mastic or 1mm graphite wrap

For fire rated applications please refer to Halspan Field of Application documents for intumescent requirements.



### Product Codes & Specification

#### Specification

- Type: Door Viewer with glass lens
- Size: 14mm diameter.
- Viewing Angle: 180 degrees
- Application: Suitable for 35-55mm doors
- 10 year guarantee

### Product Codes

Product Name	Halspan Door Viewer	
Master Code	DOR-VWR-100	Colour
Product Codes	DOR-VWR-100-PBR	● Polished Brass
	DOR-VWR-100-PCR	● Polished Chrome
	DOR-VWR-100-SCR	● Satin Chrome





## General Maintenance & Operational Notes

All external & exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.

For persistent stains & marks use a soft cloth, sponge or brush with a small amount household, detergent free mild abrasive.

Surface oxidation can appear as a result of contaminants, its is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.

After each and every clean, wipe down products with a separate clean dry cloth.

The use of steel wool & steel brushes can leave particles in surfaces leading to rust, these should be avoided.

It is recommended that routine cleaning is undertaken on a monthly basis & in areas of extreme environment or contaminants this should be increased accordingly.

As a prerequisite of compliance it is recommended to keep a log of the adopted maintenance schedule for each installation.

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# Halspan® Door Chains

## Heavy Duty Door Chains



Halspan® Door Chains for fire doors provide an additional security feature. Suitable for both domestic and commercial applications.



### Fire

<b>Tested in Accordance with:</b>	BS EN 1634-1
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### Product Codes & Specification

#### Specification

- Type: Heavy duty door chain
- Chain Length: 200mm
- Material: Brass
- Fixing: Face
- Application: LH and RH doors - universal application
- 10 year guarantee

### Product Codes

Product Name	Halspan Door Chain	
Master Code	DOR-CHN-100	Colour
Product Codes	DOR-CHN-100-PBR	● Polished Brass Finish
	DOR-CHN-100-PCR	● Polished Chrome Finish
	DOR-CHN-100-SCR	● Satin Chrome Finish



Polished Brass	Polished Chrome	Satin Chrome
		



### General Maintenance & Operational Notes

All external & exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.

For persistent stains & marks use a soft cloth, sponge or brush with a small amount household, detergent free mild abrasive.

Surface oxidation can appear as a result of contaminants, its is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.

After each and every clean, wipe down products with a separate clean dry cloth.

The use of steel wool & steel brushes can leave particles in surfaces leading to rust, these should be avoided. It is recommended that routine cleaning is undertaken on a monthly basis & in areas of extreme environment or contaminants this should be increased accordingly.

As a prerequisite of compliance it is recommended to keep a log of the adopted maintenance schedule for each installation.

**The information in this datasheet is correct at time of going to press however our designs, specifications and certifications may change in the interest of product development following publication. If you would like to make a query about any of the details in this document, please contact Halspan via our website, or call our office in the UK on +44 (0)3300 563836.**



# Halspan® SteriTouch® Hardware

## SteriTouch® Coated Antimicrobial Hardware



Halspan® SteriTouch Coated Hardware range is proven to kill 99.9% of all superbugs. Thanks to its low water solubility and resistance to UV light, it goes on providing protection from infection for 10 years – guaranteed\* – in hospitals, care homes, nurseries, schools, offices and in people’s homes.



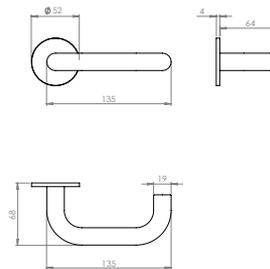
### Product Codes & Specification

#### Lever Handles

##### Product Name Halspan Steritouch Lever Handles Slim Rose 20mm dia - 140mm x 20mm

Finish Code	AB
Size	140 x 20
Product Code	STE-LVR-100-BSS

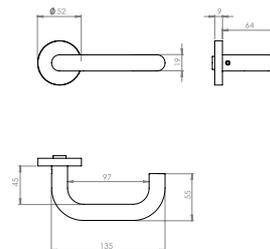
20mm dia UNSPRUNG safety lever handles on 50x4mm rose with grub screw fixing. Will suit mortice latch or lock. With SteriTouch antimicrobial coating.



##### Product Name Halspan Steritouch Lever Handles Sprung Rose 20mm dia - 140mm x 20mm

Finish Code	SS
Size	140 x 20
Product Code	STE-LVR-200-BSS

20mm dia spring loaded safety lever handles on 50x8mm rose with grub screw fixing. Will suit mortice latch or lock. With SteriTouch antimicrobial coating.

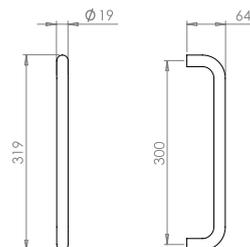


#### Pull Handles

##### Product Name Halspan Steritouch Pull Handle 19mm dia - 300mm x 19mm

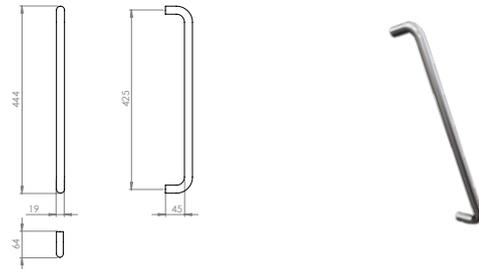
Finish Code	AB
Size	300 x 19
Product Code	STE-PUL-300-BSS

19mm dia x 300mm round pull bar handle with bolt through fixing. With SteriTouch antimicrobial coating.



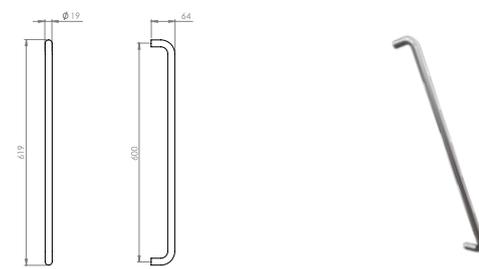
**Product Name** Halspan Steritouch Pull Handle 19mm dia - 425mm x 19mm

Finish Code	AB
Size	425 x 19
Product Code	STE-PUL-425-BSS
19mm dia x 425mm round pull bar handle with bolt through fixing. With SteriTouch antimicrobial coating.	



**Product Name** Halspan Steritouch Pull Handle 19mm dia - 600mm x 19mm

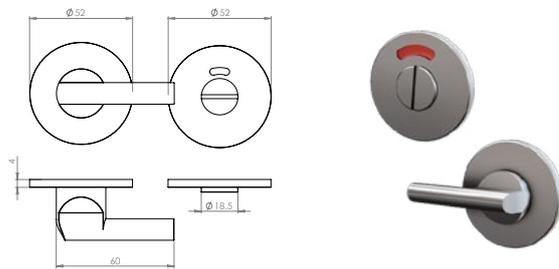
Finish Code	AB
Size	600 x 19
Product Code	STE-PUL-600-BSS
19mm dia x 600mm round pull bar handle with bolt through fixing. With SteriTouch antimicrobial coating.	



**Bathroom Turn & Release**

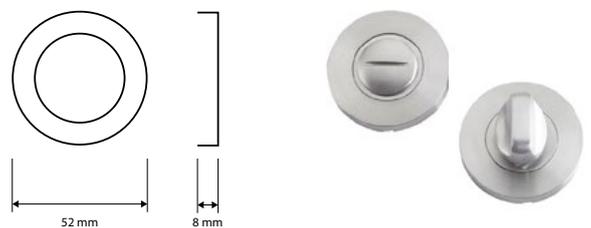
**Product Name** Halspan Steritouch Bathroom Turn & Release 52mm dia x 4mm

Finish Code	SS
Size	52
Product Code	STE-BTR-524-BSS
19mm dia x 300mm round pull bar handle with bolt through fixing. With SteriTouch antimicrobial coating.	



**Product Name** Halspan Steritouch Bathroom Turn & Release 52mm dia x 8mm

Finish Code	SS
Size	52
Product Code	BTI-524-BSS
Thumb Turn and Release complete with escutcheons & 5mm Spindle	



**Finger Plates**

**Product Name** Halspan Steritouch Finger Plate 350mm x 75mm

Finish Code	SS
Size	350 x 75
Product Code	STE-FGP-350-BSS
Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews. With SteriTouch antimicrobial coating.	



**Product Name** Halspan Steritouch Finger Plate 475mm x 75mm

Finish Code	SS
Size	475 x 75
Product Code	STE-FGP-475-BSS

Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews. With SteriTouch antimicrobial coating.



**Product Name** Halspan Steritouch Finger Plate 650mm x 75mm

Finish Code	SS
Size	650 x 75
Product Code	STE-FGP-650-BSS

Push Plate with radius corners 1.5mm thick drilled and countersunk and supplied with woodscrews. With SteriTouch antimicrobial coating.

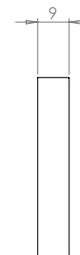
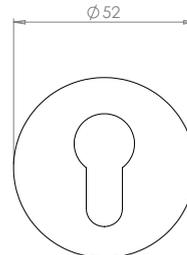


**Escutcheons**

**Product Name** Halspan Steritouch Escutcheon 52mm dia x 8mm

Finish Code	AB
Size	52 x 8
Product Code	STE-ESC-528-BSS

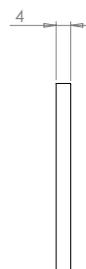
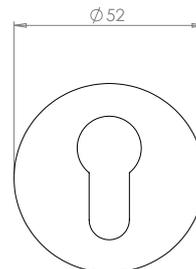
Push Plate with radius corners 1.2mm thick drilled and countersunk and supplied with woodscrews. With SteriTouch antimicrobial coating.



**Product Name** Halspan Steritouch Escutcheon 52mm dia x 4mm

Finish Code	SS
Size	52 x 4
Product Code	STE-ESC-524-BSS

Euro profile cylinder escutcheon concealed fix. With SteriTouch antimicrobial coating.





### General Maintenance & Operational Notes

- SteriTouch prevents the growth of bacteria, biofilm, mould and other viruses by up to 99.99% for the life time of the product.
- Silver ions embedded in the material substrate are released via ambient moisture and enter the cell membrane. The silver ions destabilise the cell, stop respiration and inhibit cell division, whilst blocking the replication of DNA, killing the cell.
- Recent independent testing demonstrated no loss in antimicrobial performance, even after 10 years of accelerated ageing. Ionic silver-based additives will not lose efficacy due to leaching or migration, and since they are evenly dispersed throughout the material, even scratches and abrasion do not affect performance.
- Importantly, additives are unaffected by cleaning chemicals such as chlorine bleach, disinfectants and alcohol. Even harsh industrial products like MEK (methyl ethyl ketone) do not diminish the antimicrobial properties of products that have been protected.
- The antimicrobial performance of all end products is confirmed by independent testing to the international standards JIS Z 2801 and ISO 22196.

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# Halspan® Door Signage Range

## Stainless Steel Door Hardware



The Halspan® range of Grade 201 stainless steel door signage including facility and fire exit signs. For use with any of the Halspan® stainless steel product ranges.



### Product Codes & Specification

#### Fire Door Keep Shut

<b>Product Name</b>	<b>76mm Satin Stainless Steel Fire Door Keep Shut Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Fire door keep shut</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-DKS-076-SSS</b>



#### Fire Door Keep Locked Shut

<b>Product Name</b>	<b>76mm Satin Stainless Steel Fire Door Keep Locked Shut Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Fire door keep locked shut</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-DKL-076-SSS</b>



#### Fire Door Keep Clear

<b>Product Name</b>	<b>76mm Satin Stainless Steel Fire Door Keep Clear Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Fire door keep clear</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-DKC-076-SSS</b>



#### Automatic Fire Door Keep Clear

<b>Product Name</b>	<b>76mm Satin Stainless Steel Automatic Fire Door Keep Clear Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Automatic fire door keep clear</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> </ul>
<b>Product Code</b>	<b>SGN-AKC-076-SSS</b>



### Male Sex Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Male Sex Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Male sex symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-MAL-076-SSS</b>



### Female Sex Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Female Sex Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Female sex symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-FEM-076-SSS</b>



### Unisex Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Unisex Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Unisex symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-UNI-076-SSS</b>



### Disabled Facilities Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Accessibility Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Disabled facilities symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-ACS-076-SSS</b>



### Baby Change Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Baby Change Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Baby change symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-BAB-076-SSS</b>



### Shower Symbol

<b>Product Name</b>	<b>76mm Satin Stainless Steel Shower Sign</b>
<b>General Properties</b>	<ul style="list-style-type: none"> <li>• Shower symbol</li> <li>• 76mm dia.</li> <li>• Face-fix</li> <li>• Stainless steel</li> <li>• BS EN 1634-1</li> </ul>
<b>Product Code</b>	<b>SGN-SHW-076-SSS</b>



### General Maintenance & Operational Notes

- All external & exposed surfaces require regular / weekly cleaning with a soft cloth, using warm water and mild detergent to remove built up dirt.
- For persistent stains & marks use a soft cloth, sponge or brush with a small amount household, detergent free mild abrasive.
- Surface oxidation can appear as a result of contaminants, its is recommended to clean with a cloth and warm water, before cleaning with stainless steel cleaner.
- After each and every clean, wipe down products with a separate clean dry cloth.
- The use of steel wool & steel brushes can leave particles in surfaces leading to rust, these should be avoided.
- It is recommended that routine cleaning is undertaken on a monthly basis & in areas of extreme environment or contaminants this should be increased accordingly.
- As a prerequisite of compliance it is recommended to keep a log of the adopted maintenance schedule for each installation.

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## Halspan® Smart Tag 25mm & 28mm

**Halspan Smart Tag** - with Near Field Communication technology readable via Halspan Tracker app on Apple or Android mobile devices. Back of tag fitted with 3M self-adhesive tape. CSV file per batch with UID code numbers for upload to Halspan Database.



### Halspan Smart Tag 25mm - countersunk installation

Tag Size	25mm nominal size (standard), 3mm thick
Colour	Black
Product Code	TAG-D25-BLK
Installation	Machine a recess into the hinge side of the door, remove backing for self adhesive application.
Minimum order quantity	Min 10 No.



### Halspan Smart Tag 28mm - adhered face fix

Tag Size	28mm nominal size, 1mm thick
Colour	Black
Product Code	TAG-D28-BLK
Installation	Apply to the hinge side of the door, remove backing for self adhesive application.
Minimum order quantity	Min 10 No.



### Recommended Installation

Recommended **Halspan Smart Tag** location, as fire tested, to be installed in the door approximately 150mm below the top hinge. Note: please consult Halspan if you wish to locate elsewhere.

# Classification Guides

## BS EN 12209: 2003 Mechanically Operated Locks, Latches and Locking Plates

Products tested to British and European standards provide greater durability, longer warranty periods, peace of mind and evidence of professional specification.

Under the standard, each product is tested and classified accordingly to show its compliance.

The identification of an 11-digit code is visible on the individual product. Each digit represents a category and how the product measured against the standard to which it was tested.

Example:



### Digit 1: Category of use

- 1 = Light use. For use by people with a high incentive to exercise care and with a small chance of misuse.
- 2 = Normal use. For use by people with some incentive to exercise care but where there is some chance of misuse.
- 3 = Extreme use. For use by people where there is little incentive to exercise care and where there is a high chance of misuse.

### Digit 2: Durability

- A = 50,000 test cycles; no load on latch bolt.
- B = 100,000 test cycles; no load on latch bolt.
- C = 200,000 test cycles; no load on latch bolt.
- F = 50,000 test cycles; 10 N load on latch bolt.
- G = 100,000 test cycles; 10 N load on latch bolt.
- H = 200,000 test cycles; 10 N load on latch bolt.
- L = 100,000 test cycles; 25 N load on latch bolt.
- M = 200,000 test cycles; 25 N load on latch bolt.
- R = 100,000 test cycles; 50 N load on latch bolt.
- S = 200,000 test cycles; 50 N load on latch bolt.
- W = 100,000 test cycles; 120 N load on latch bolt.
- X = 200,000 test cycles; 120 N load on latch bolt.

### Digit 3: Door mass and closing force

- 1 = up to 100kg door mass; 50 N maximum closing force.
- 2 = up to 200kg door mass; 50 N maximum closing force.
- 3 = above 200kg door mass or specified by the manufacturer; 50 N maximum closing force.
- 4 = up to 100kg door mass; 25 N maximum closing force.
- 5 = up to 200kg door mass; 25 N maximum closing force.
- 6 = above 200kg door mass or specified by the manufacturer; 25 N maximum closing force.
- 7 = up to 100kg door mass; 15 N maximum closing force.
- 8 = up to 200kg door mass; 15 N maximum closing force.
- 9 = above 200kg door mass or specified by the manufacturer; 15 N maximum closing force.

### Digit 4: Suitability for use on fire/smoke doors

- 0 = not approved for use on fire/smoke resisting door assemblies.
- 1 = suitable for use on fire/smoke resisting assemblies, subject to satisfactory assessment of the contribution of the lock or latch to the fire resistance of specified fire/smoke resisting door assemblies.

# BS EN 12209 - Continued

## Digit 5: Safety

Only 1 grade of safety is identified.

O = no safety requirement.

## Digit 6: Corrosion resistance and temperature

O = no defined corrosion resistance, no temperature requirement.

A = low corrosion resistance, no temperature requirement.

B = moderate corrosion resistance, no temperature requirement.

C = high corrosion resistance, no temperature requirement.

D = very high corrosion resistance, no temperature requirement.

E = moderate corrosion resistance, temperature requirement from -20°C to +18°C.

F = high corrosion resistance, temperature requirement from -20°C to +18°C.

G = very high corrosion resistance, temperature requirement from -20°C to +18°C.

## Digit 7: Security and drill resistance

1 = minimum security and no drill resistance.

2 = low security and no drill resistance.

3 = medium security and no drill resistance.

4 = high security and no drill resistance.

5 = high security with drill resistance.

6 = very high security and no drill resistance.

7 = very high security with drill resistance.

## Digit 8: Field of door application

15 grades of door application are identified and summarised in the table below:

Grade	Type	Application 1	Application 2	Application 3
A	Mortice	Unrestricted application		
B	Mortice	Hinged door		
C	Mortice	Sliding door		
D	Rim	Unrestricted application		
E	Rim	Hinged door		
F	Rim	Sliding door		
G	Bored lock	Unrestricted application		
H	Mortice	Hinged door	Supported	
J	Rim	Hinged door	Inwards	
K	Mortice	Hinged door		Locked from inside
L	Mortice	Sliding door		Locked from inside
M	Rim	Hinged door		Locked from inside
N	Rim	Sliding door		Locked from inside
P	Mortice	Hinged door	Supported	Locked from inside
R	Rim	Hinged door	Inwards	Locked from inside

## Digit 9: Type of key operation and locking

O = not applicable.

A = cylinder lock or latch, manually locking.

B = cylinder lock or latch, automatically locking.

C = cylinder lock or latch, manually locking with intermediate locking.

D = lever lock or latch, manually locking.

E = lever lock or latch, automatically locking.

F = lever lock or latch, manually locking with intermediate locking.

G = lock or latch without key operation, manually locking.

H = lock without key operation, automatically locking.

## Digit 10: Type of spindle operation

O = lock or latch without follower.

1 = lock or latch for knob or sprung lever handle operation.

2 = lock or latch for unsprung lever handle operation.

3 = lock or latch for heavy duty unsprung lever handle operation.

4 = lock or latch for heavy duty unsprung lever handle operation specified by the manufacturer.

## Digit 11: Key identification requirement

O = no requirements.

A = minimum three detaining elements.

B = minimum five detaining elements.

C = minimum five detaining elements, extended number of differs.

D = minimum six detaining elements.

E = minimum six detaining elements, extended number of effective differs.

F = minimum seven detaining elements.

G = minimum seven detaining elements extended number of effective differs.

H = minimum eight detaining elements, extended number of effective differs.

## Marking:

The standard requires the following additional information to accompany the CE Marking required for locks and latches intended for use on fire resisting doors and smoke control doors.

- The identification number of the notified certification body.
- The name or identifying mark of the manufacturer.
- The registered address of the manufacturer.
- The last two digits of the year in which the marking was applied.
- The number of the EC certificate of conformity, reference to EN 12209:2003.
- The classification code of the product.

## Example

2 H 5 1 0 E 5 A F 2 0

The above code signifies a mechanically operated lock and locking plate for use in an application where people have an incentive to exercise care, able to withstand a durability of 200,000 cycles with a 10 N load on the latch bolt, on a door with a mass of up to 200kg and a maximum closing force of 25N, suitable for use on a fire/smoke resisting door assembly, no safety requirement, moderate corrosion resistance in temperatures ranging from -20°C to +18°C, with high security and drill resistance for any use in any mortice application, with a manual locking lever lock or latch unsprung lever handle operation, a minimum of five deadlocking elements and an extended number of effective differs.

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# BS EN 1935:2002 – Single Axis Hinges

This European standard specifies requirements for single-axis hinges for windows and doors opening in one direction only, whose rotation axis is no more than 30 mm from the face of the sash or door. It covers both fixed pin and lift-off hinges, and contains additional requirements for hinges intended for use on fire doors.

BS EN 1935:2002 classifies hinges by using an 8-digit coding system. Each digit refers to a particular feature of the product measured against the standard's performance requirements.

## Digit 1: Category of use

Four categories of use are identified:

- 1 = Light duty
- 2 = Medium Duty
- 3 = Heavy Duty
- 4 = Severe Duty

## Digit 2: Durability

Three grades are identified for single-axis hinges manufactured to this European standard:

- 3 = 10,000 test cycles, for light duty hinges on windows only
- 4 = 25,000 test cycles, for light duty hinges on windows and doors
- 7 = 200,000 test cycles, for medium, heavy and severe duty hinges on doors only

## Digit 3: Test door mass

Eight door mass grades related to single-axis hinges are identified in this European standard as shown in table below.

Test door mass grade	Door mass
0	10 kg
1	20 kg
2	40 kg
3	60 kg
4	80 kg
5	100 kg
6	120 kg
7	160 kg

## Digit 4: Suitability for use on fire/smoke doors

Two grades of suitability are identified for single-axis hinges:

- 0 = not suitable for fire/smoke resistant door assemblies
- 1 = suitable for fire/smoke resistant door assemblies subject to satisfactory assessment of the contribution of the single axis hinge to the fire resistance of the specified fire/smoke door assemblies.

## Digit 5: Safety

Single-axis hinges are required to satisfy the essential requirements of safety in use. Therefore, only grade 1 is identified.

## Digit 6: Corrosion resistance

Five grades of corrosion resistance are identified in accordance with BS EN 1670:2007

Grade 0 = no defined corrosion resistance

Grade 1 = mild resistance

Grade 2 = moderate resistance

Grade 3 = high resistance

Grade 4 = very high resistance

## Digit 7 – Security

Two grades of security are identified for single-axis hinges:

Grade 0 = not suitable for use on burglar-resistant door assemblies

Grade 1 = suitable for applications requiring a degree of security  
Annex C of this European standard details the hinge grade to use for the level of security required.

## Digit 8 – Hinge grade

Fourteen grades are identified in this European standard and are detailed in table 2 below. The full classification is shown in the standard.

Grade	Usage	Test Cycles	Door Mass
1	Window	10,000	10 kg
2	Window	10,000	20 kg
3	Window/Door	25,000	20 kg
4	Door	200,000	20 kg
5	Window	10,000	40 kg
6	Window/Door	25,000	40 kg
7	Door	200,000	40 kg
8	Window	10,000	60 kg
9	Window/Door	25,000	60 kg
10	Door	10,000	60 kg
11	Door	200,000	80 kg
12	Door	200,000	100 kg
13	Door	200,000	120 kg
14	Door	200,000	160 kg

# BS EN 1154:1997 – Door Closing Devices

BS EN 1154:1997 – the European standard for the performance of controlled door closing devices.

Providing details on product types, classification by use, test cycles, door mass, corrosion resistance, as well as definitions, product performance requirements, test apparatus, test methods and marking of products.

BS EN 1154:1997 classifies door closers by using a 6-digit coding system.

## Digit 1: Category of use

Two categories are defined:

Grade 3 = for closing doors from at least 105° open

Grade 4 = for closing doors from at least 180° open

## Digit 2: Number of test cycles

Only one category is identified:

Grade 8 = 500,000 cycles

## Digit 3: Test door mass

Seven test door mass grades and related door closer power sizes are identified according to table 1 of this standard. Where a door closer provides a range of power sizes both the minimum and the maximum sizes shall be identified.

Door Closer Power Size	Recommended Door Leaf Width max. mm	Test Door Mass (kg)
1	<750	20
2	850	40
3	950	60
4	1100	80
5	1250	100
6	1400	120

## Digit 5: Safety

All door closers are required to satisfy the essential requirements of safety in use. Therefore only grade 1 is identified.

## Digit 6: Corrosion resistance

Five categories are defined in accordance with BS EN 1670:2007

Grade 0 = no defined resistance

Grade 1 = mild resistance

Grade 2 = moderate resistance

Grade 3 = high resistance

Grade 4 = very high resistance





Halspan's **VISION** is to be the world's leading supplier of trusted, high-performance building products, specialising in fire, acoustic and service life excellence.

Halspan's **MISSION** is to be the world's leading supplier of innovative, quality, sustainably-sourced building product solutions, specialising in fire, acoustic and service life performance. Using our trusted Halspan brand and supporting test data to differentiate our portfolio of fire and non-fire rated door blanks, cores and associated doorset system components, we aim to develop existing and new product lines that markets around the world can rely on.

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