

# ALUMINIUM HINGES



*Quality Hinges Since 1939*

August 2016

# McCALLUM AUSTRALIA *Cover Project: Parliament House*

Quality Hinges Since 1939

In the late 1980's, the Fraser government raised the idea and subsequent design competition for a 'New Parliament House' in Canberra. The final building design selected from the two-stage competition was the New York-based architectural company of Mitchell & Giurgola.

Many factors were considered by the architects for the new Parliament House, including the size and stunning grandeur, the relationship to the Burley Griffin master plan for the city within which it occupies the symbolic central area - known as the Parliamentary Triangle - was also a crucial factor. The new building was not designed to dominate the Canberran landscape, but rather be an intimate part of the view scape.

Being the major meeting point for the most influential people in the country, the standard of construction was specified to be of the highest quality, from its external environments through to the substructure and furnishings. McCallum Australia was chosen for the original installations and continues to be the selected supplier of Hinge Hardware for the thousands of doorways within the building.

*"The building should nest with the hill, symbolically rise out of the Australian landscape, as true democracy rises from the state of things."* **Romaldo Giurgola - Architect**



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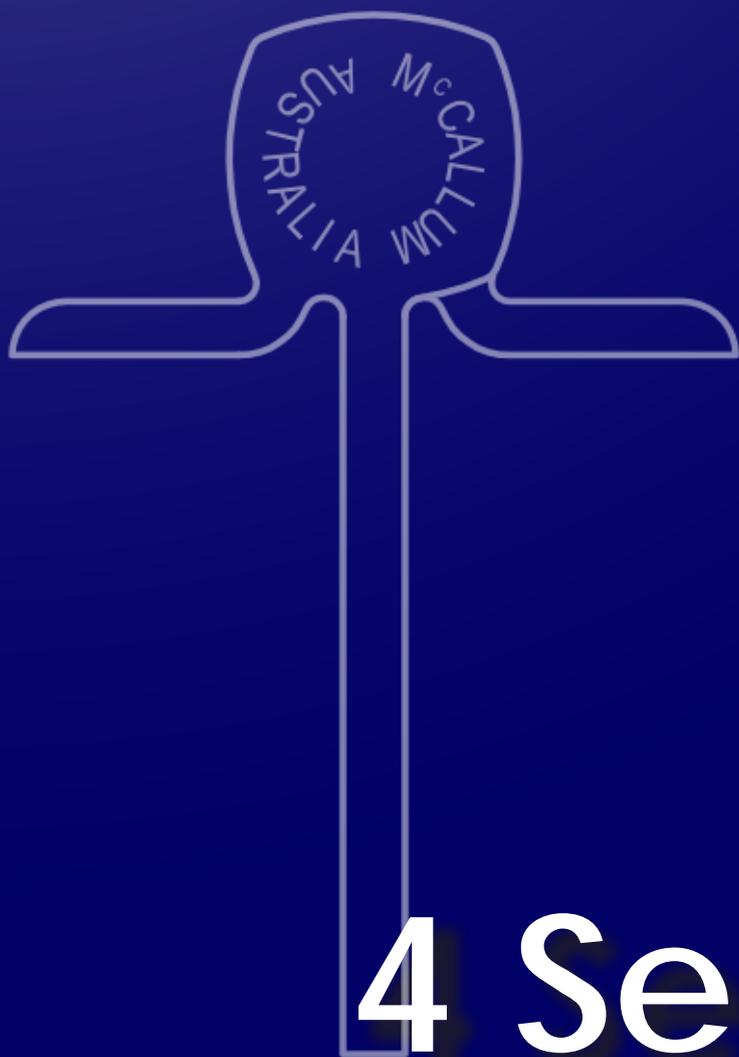
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Selected Kits Available	120
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\* PLEASE NOTE: We are currently updating a number of our codes across our range or products. The new code numbers are listed above with the old code beside in brackets. Thank you for your patience, McCallum Australia. \*

# INTERFOLD HINGES



## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

Code No. A 104

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 100 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
  - When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
  - Standard Door: 2040 (H) x 820 (W)
  - Oversize Door: Turn over for further information.
  - The wing locator allows for fast fixing.
- THE 1.0MM ALUMINIUM PACKER, PLACED UNDER THE WING, ALLOWS FOR BETTER ALIGNMENT OF THE DOOR, AND FOR THE CORRECT POSITIONING AGAINST THE RUBBER SEAL, IF REQUIRED. THE PACKER, A104 SPACER, IS AVAILABLE AS A SEPARATE ITEM FROM YOUR SUPPLIER.**

### FIXING

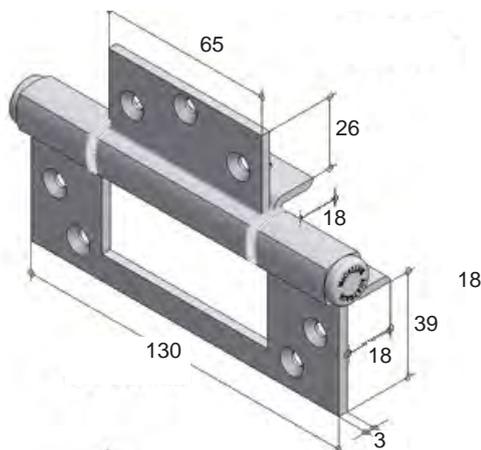
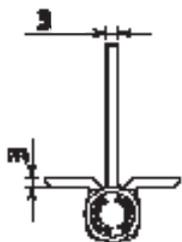
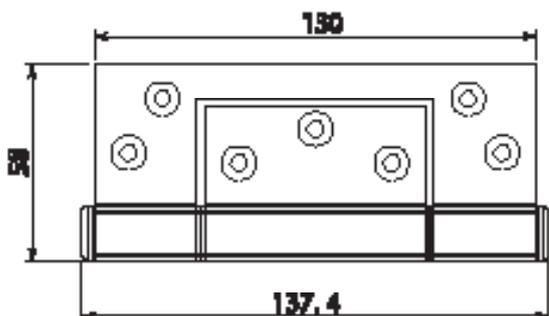
- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A104 F

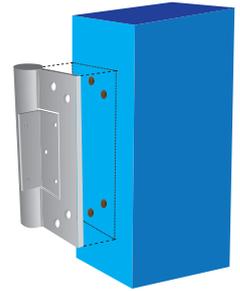


Code No. A 104

## INTERFOLD HINGE INFORMATION

### Standard Application:

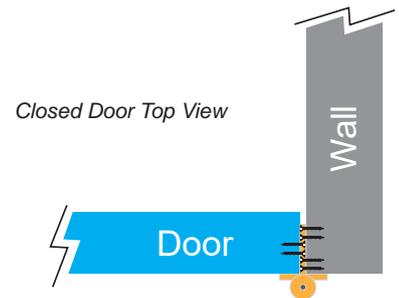
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

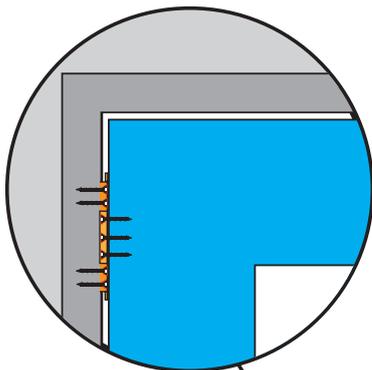
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



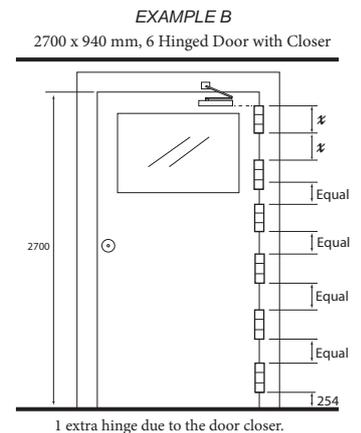
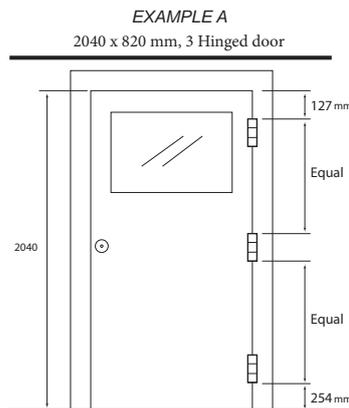
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 900 x 100kg - 3 Hinges
- Please refer to the table below for more sizes.



Mounted View



### Number of Hinges Required per Door Size

	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H) to 2300 mm (H)	3	4	5
2500 mm (H) to 2700 mm (H)	4	5	6
2900 mm (H)	5	6	7

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

Code No. A 114

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 60 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Locator allows for fast fixing.

### FIXING

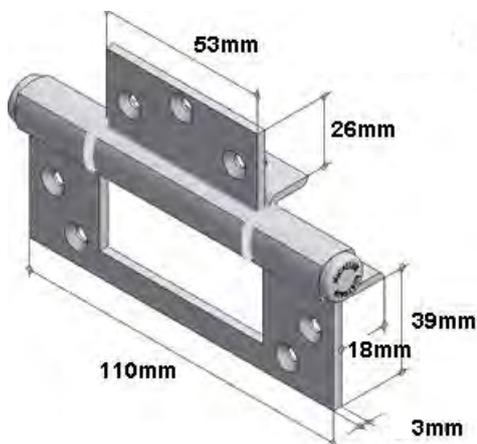
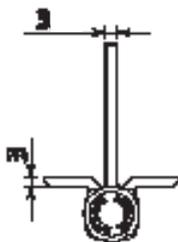
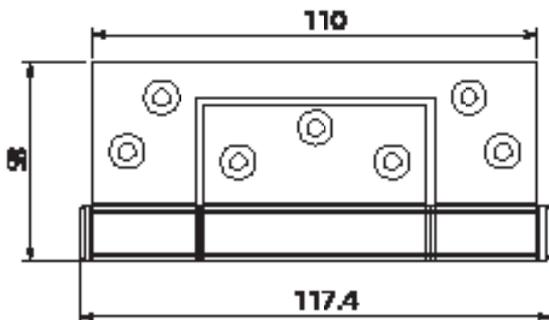
- **Fastening screws supplied.**
- Locator allows for Fast-Fixing.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A104 MF

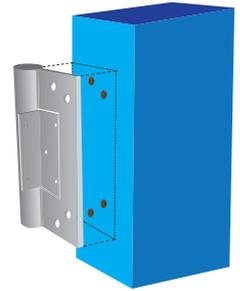


Code No. A 114

## INTERFOLD HINGE INFORMATION

### Standard Application:

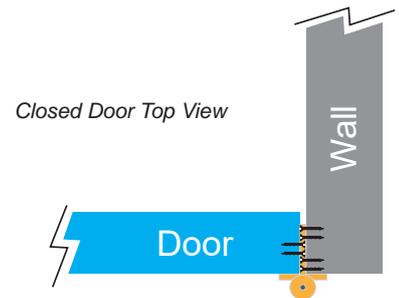
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

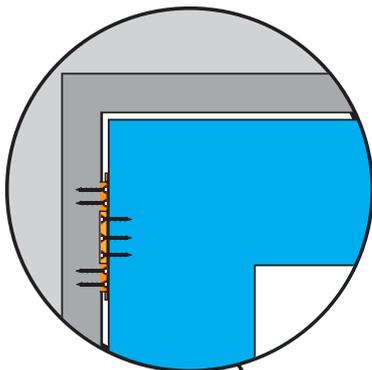
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



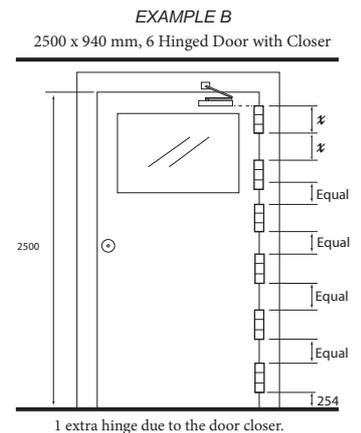
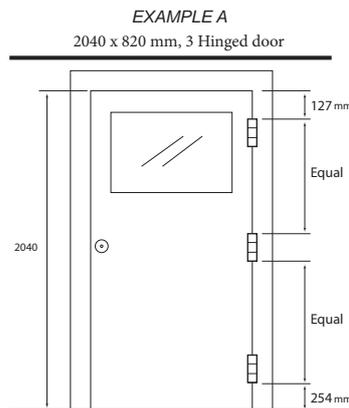
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 900 x 60kg - 3 Hinges
- Please refer to the table below for more sizes.



Mounted View



### Number of Hinges Required per Door Size

	820 - 900 mm (W)	900 - 1000 mm (W)
2100 mm (H) to 2300 mm (H)	3	4
2500 mm (H) to 2700 mm (H)	4	5
2900 mm (H)	5	6

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## ALUMINIUM INTERFOLD HINGE

### Code No. A 124

#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

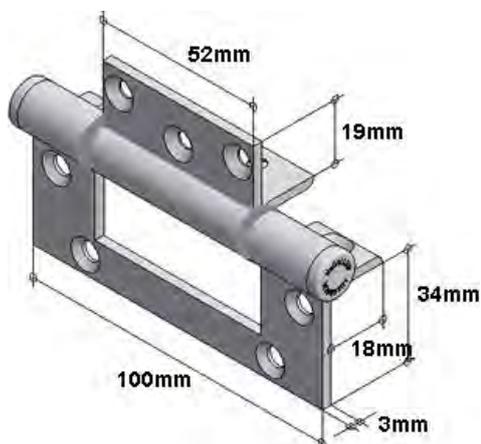
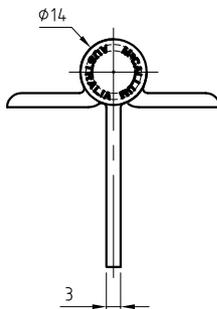
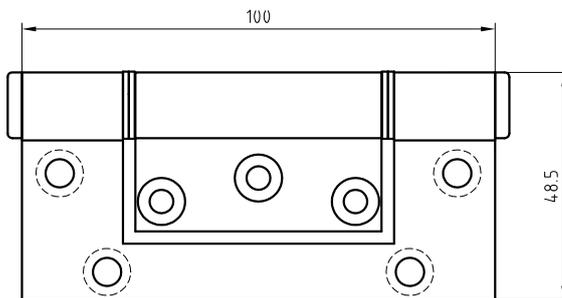
- **Fastening screws supplied.**
- Locator allows for Fast-Fixing.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

- A104 SF

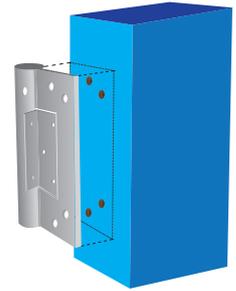


**Code No. A 124**

## INTERFOLD HINGE INFORMATION

### Standard Application:

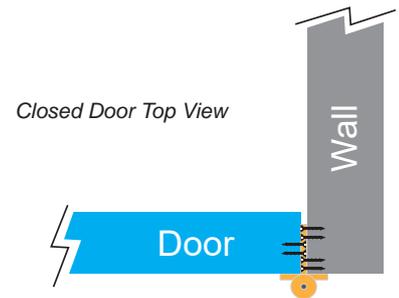
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

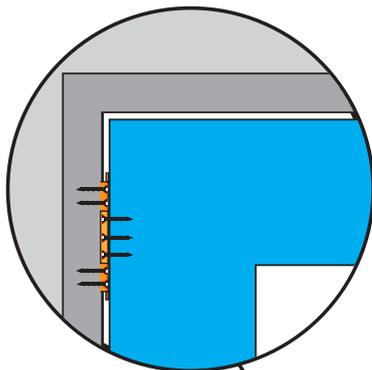
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



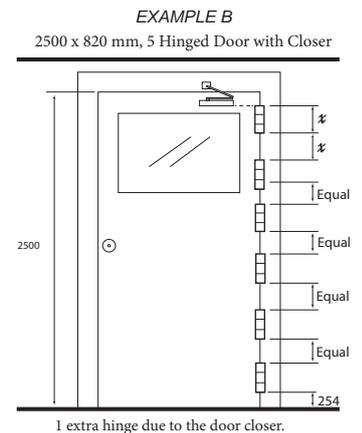
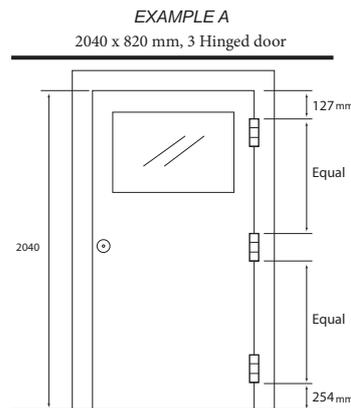
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 35mm
- Up to 2100 x 820 x 20kg - 3 Hinges
- Please refer to the table below for more sizes.



Mounted View



### Number of Hinges Required per Door Size

	820 (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5

\*All information is regarded as generic unless specified in writing by us.  
Contact us for custom sizes and further information.

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

### Code No. A 134

#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 Mpa.
- **Pin Dia:** 8mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 120 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

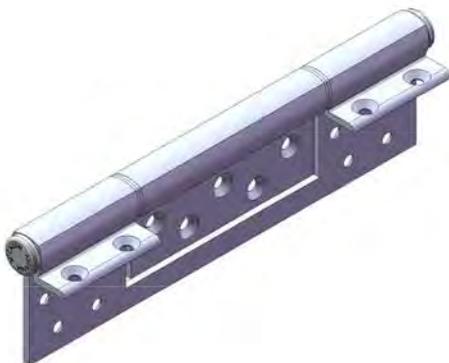
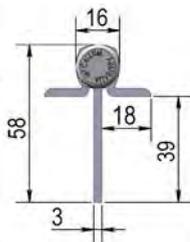
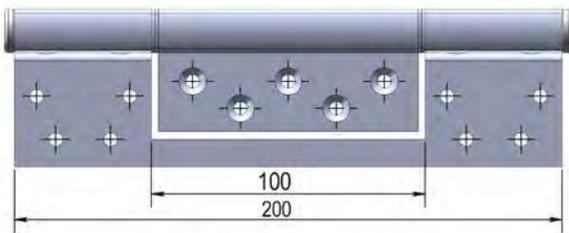
- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

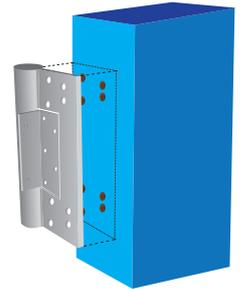


**Code No. A 134**

## INTERFOLD HINGE INFORMATION

### Standard Application:

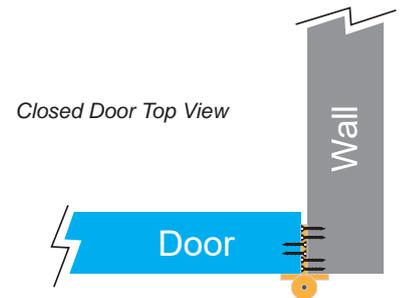
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



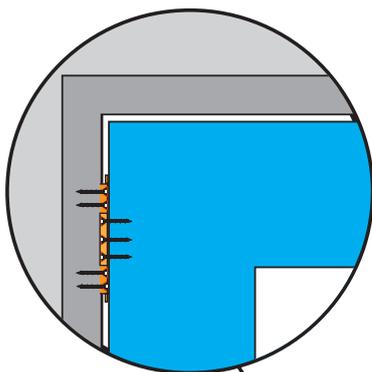
Pre-drill and Mount

### With Door Closer:

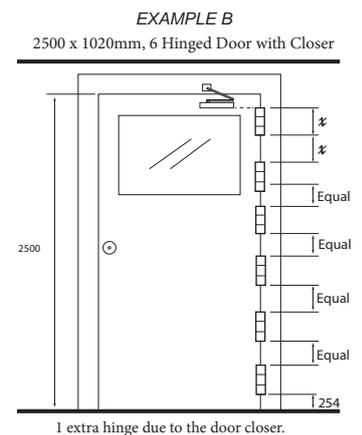
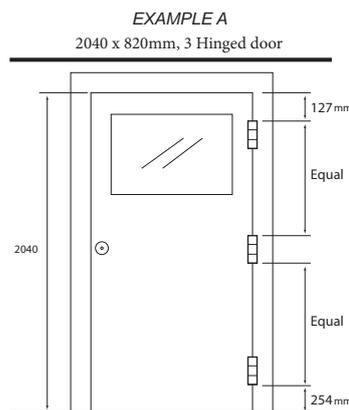
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



Closed Door Top View



Mounted View



### Number of Hinges Required per Door Size

	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H) to 2300 mm (H)	2	3	4
2500 mm (H) to 2700 mm (H)	3	4	5

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

Code No. A 154

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.
- **The A154WF will be more suitable for Timber doors than the A104 because the fixing holes on the wings are approx. 13mm away from the edge of the door.**

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 100 kg (turn over for further information).

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- The wing locator allows for fast fixing.

**THE 1.0MM ALUMINIUM PACKER, PLACED UNDER THE WINGS, ALLOWS FOR BETTER ALIGNMENT OF THE DOOR, AND FOR THE CORRECT POSITIONING AGAINST THE RUBBER SEAL, IF REQUIRED. THE PACKER, A104 SPACER, IS AVAILABLE AS A SEPARATE ITEM FROM YOUR SUPPLIER.**

### FIXING

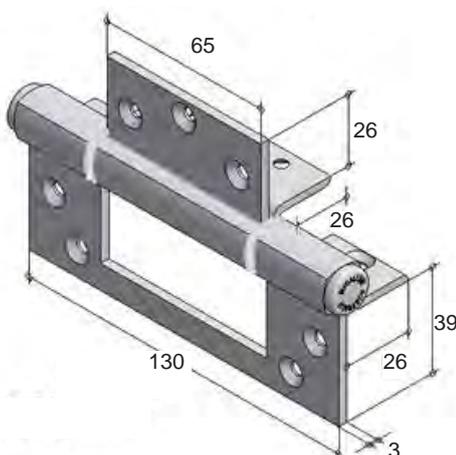
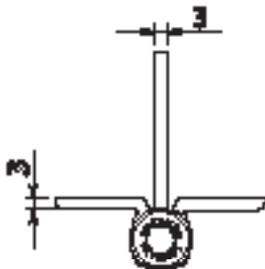
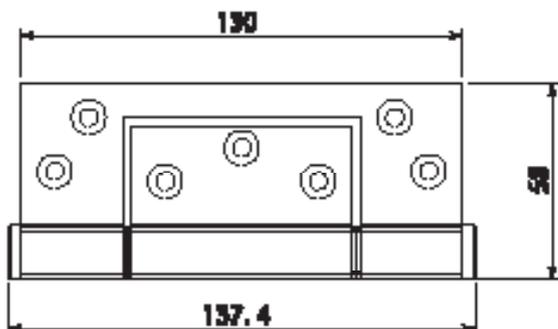
- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A104 WF

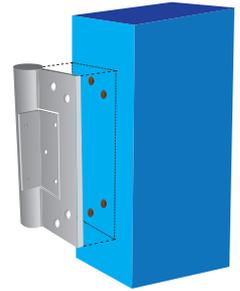


Code No. A 154

## INTERFOLD HINGE INFORMATION

### Standard Application:

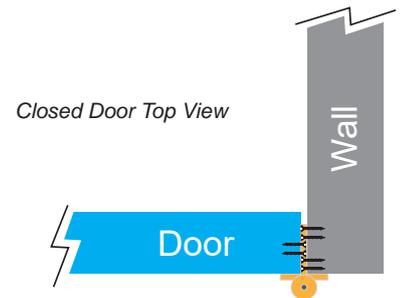
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

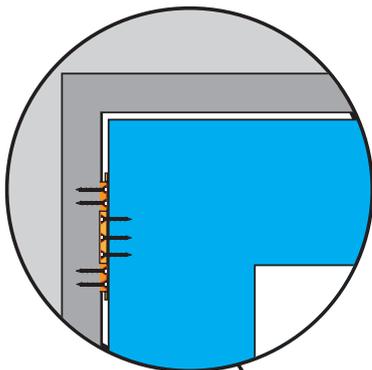
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



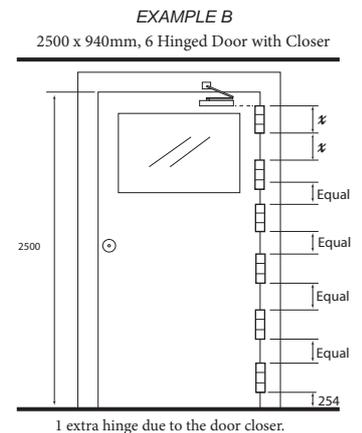
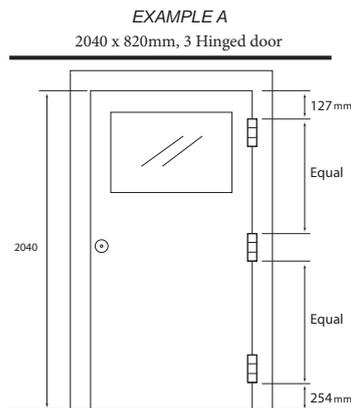
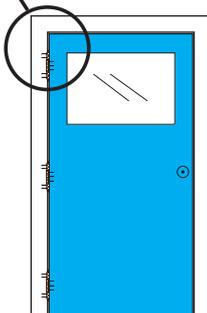
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 900 x 100kg - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size			
	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H) to 2300 mm (H)	3	4	5
2500 mm (H) to 2700 mm (H)	4	5	6
2900 mm (H)	5	6	7

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

**Code No. A 164**



### APPLICATION

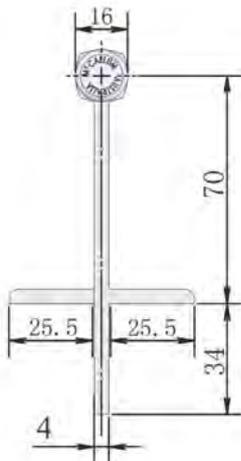
- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 60 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.



### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### NOTE

- **Please be aware this hinge is 4mm thick - please allow for this when calculating your sizes.**



**Code No. A 164**

## INTERFOLD HINGE INFORMATION

### Standard Application:

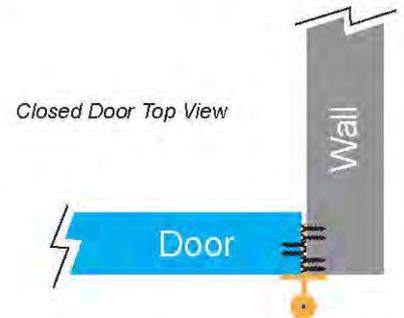
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

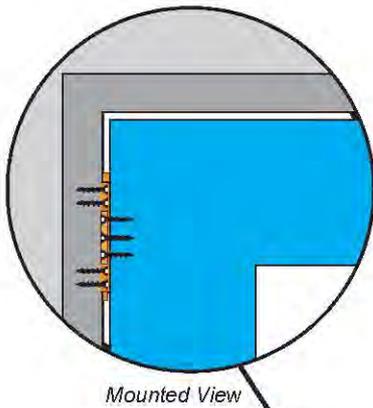
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



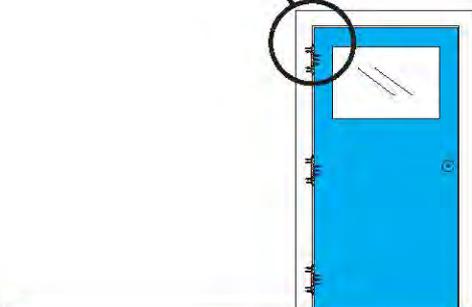
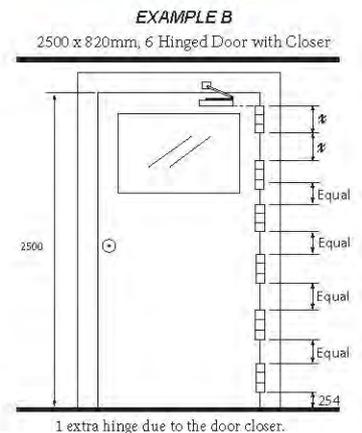
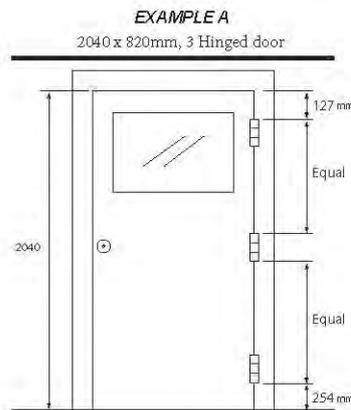
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 820 x 60kg - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size	
	820 mm (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

# INTERFOLD HINGES



5 Series



## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

### Code No. A 105

#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 80 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 38mm (due to use of inner leaf size).**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.
- **THIS HINGE IS DESIGNED WITH NO OFF-SET, UNLIKE THE PREVIOUS A105F.**

#### FIXING

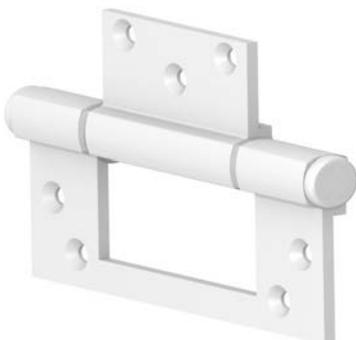
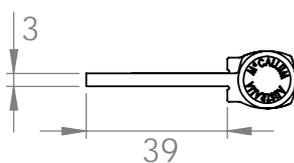
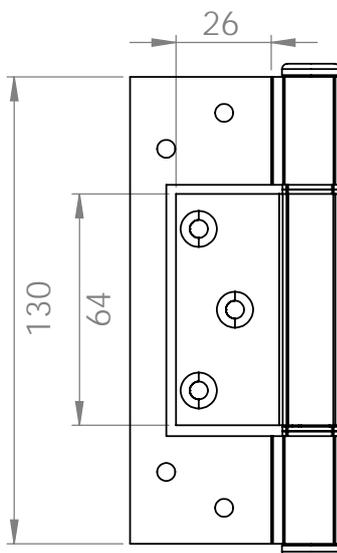
- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

- A105 T

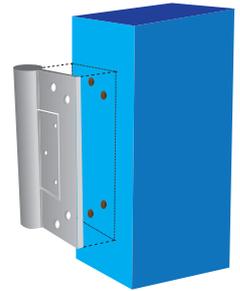


**Code No. A 105**

## INTERFOLD HINGE INFORMATION

### Standard Application:

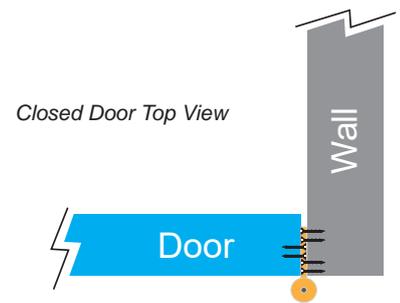
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

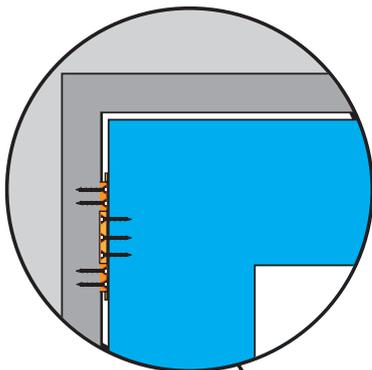
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



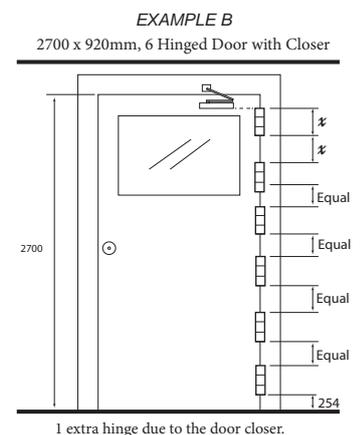
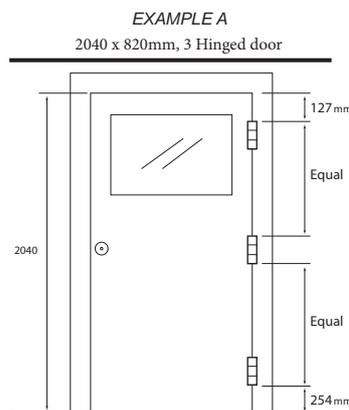
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 38mm
- Up to 2300 x 900 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size		
	820 - 900 mm (W)	900 - 1000 mm (W)
2100 mm (H) to 2300 mm (H)	3	4
2500 mm (H) to 2700 mm (H)	4	5
2900 mm (H)	5	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.		

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

### Code No. A 115

#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 40 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm (due to use of inner leaf size).**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

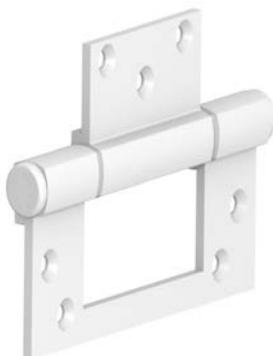
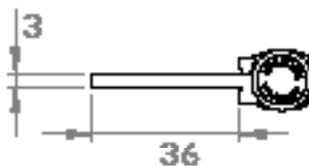
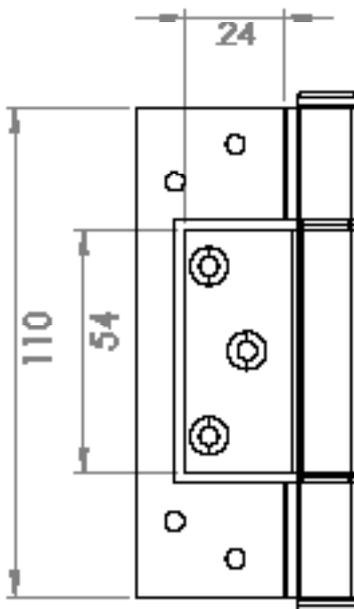
- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

- A105 MF

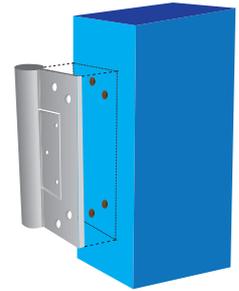


**Code No. A 115**

## INTERFOLD HINGE INFORMATION

### Standard Application:

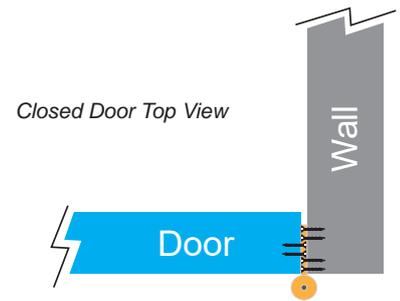
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

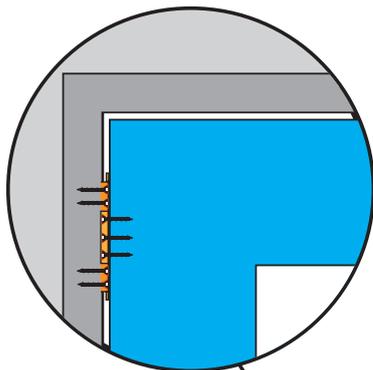
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



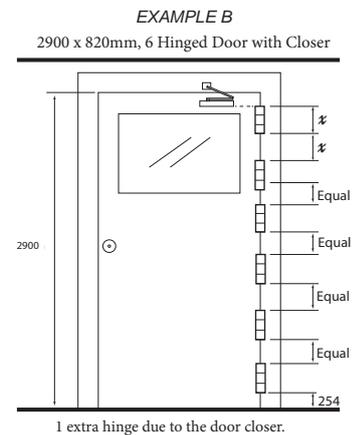
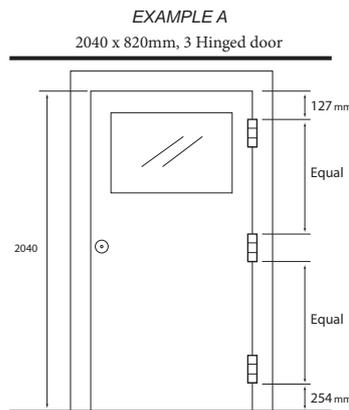
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 35mm
- Up to 2300 x 820 - 3 Hinges
- Please refer to the table below for more sizes



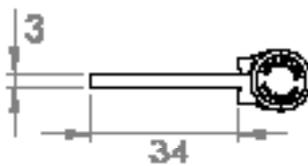
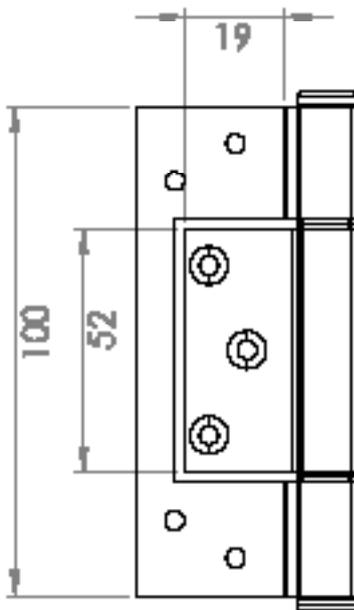
Mounted View



Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H) to 2300 mm (H)	3
2500 mm (H) to 2700 mm (H)	4
2900 mm (H)	5
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM CENTRE KNUCKLE INTERFOLD HINGE

### Code No. A 125



#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.
- Possible use - bi-fold doors.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

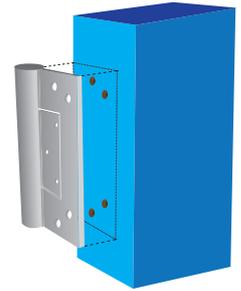
- A105 SF

**Code No. A 125**

## INTERFOLD HINGE INFORMATION

### Standard Application:

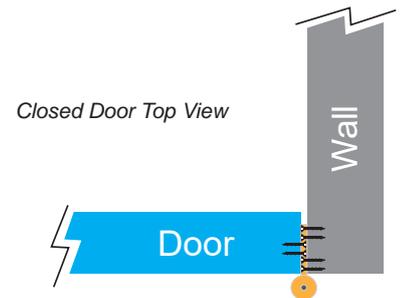
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

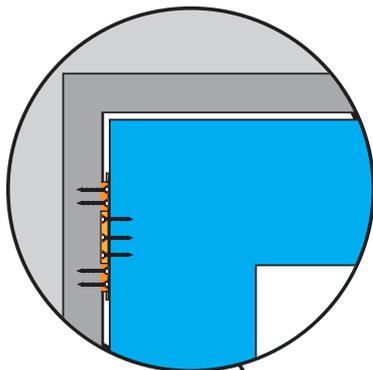
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



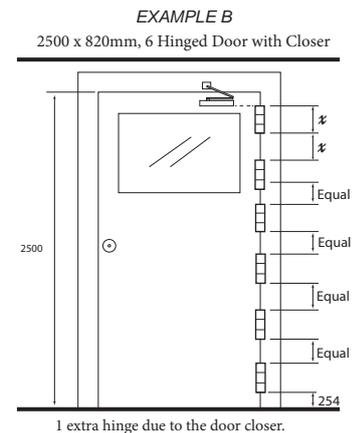
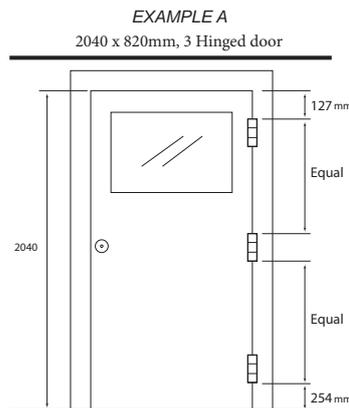
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 35mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



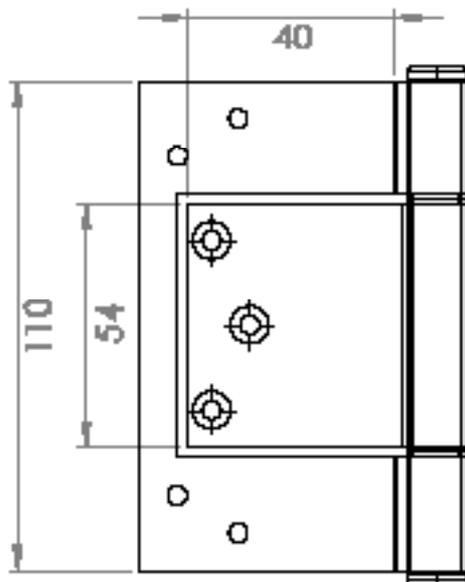
Mounted View



Number of Hinges Required per Door Size	
	820 mm (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

Code No. A 155



### APPLICATION

- Suitable for aluminium doors where extra throw is required.
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.
- The A155 gives 15mm extra wide throw.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 40 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

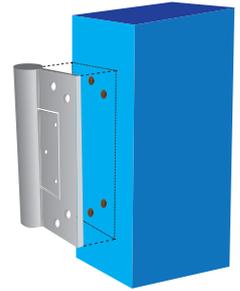
- A 105 MWTF

Code No. A 155

## INTERFOLD HINGE INFORMATION

### Standard Application:

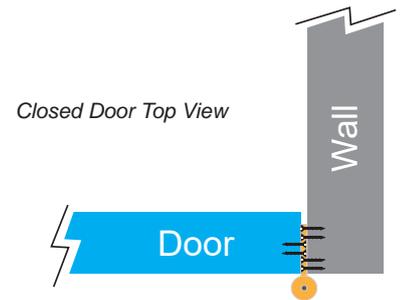
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

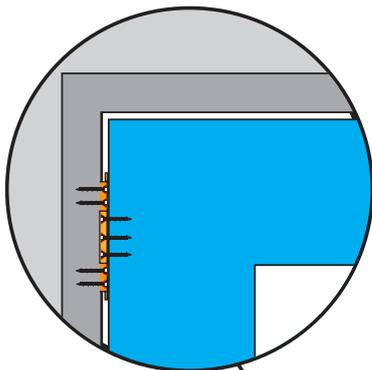
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.

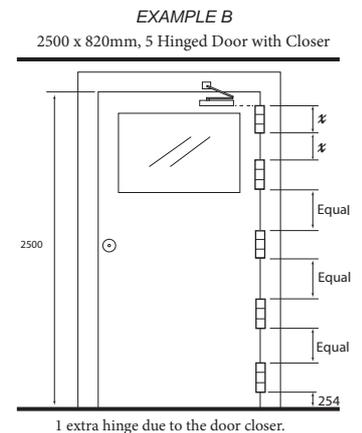
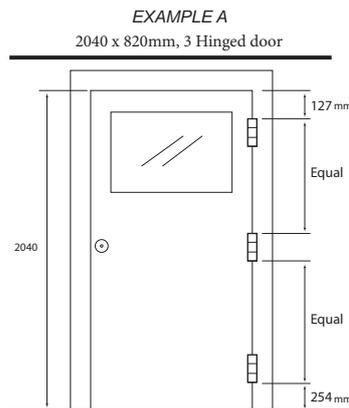


### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



### Number of Hinges Required per Door Size

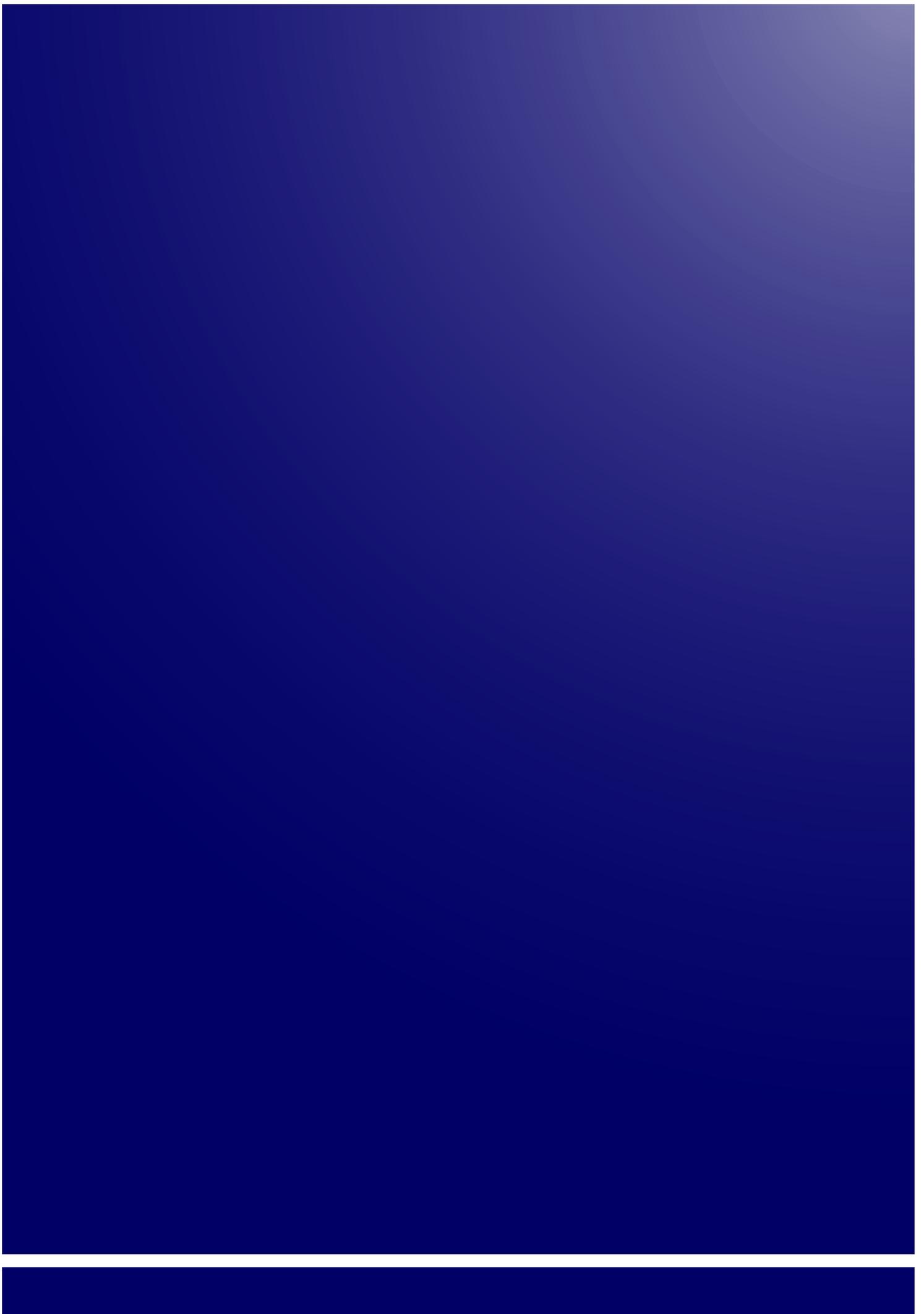
	820 (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	4

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

# INTERFOLD HINGES



6 Series



## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 165

#### APPLICATION

- Aluminium doors in medium usage situations.

#### SPECIFICATION

- Alloy:** High strength T.6 minimum tensile 254 mpa.
- Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- Bushes:** Flanged nylon.
- Knuckle:** Round
- Aluminium Endcaps:** Pressed-in interference fit.
- Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- Door thickness: Minimum 32mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

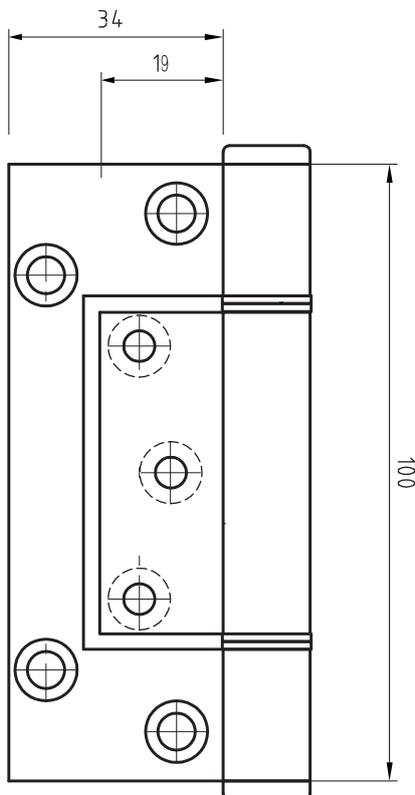
- Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

- A67 RF

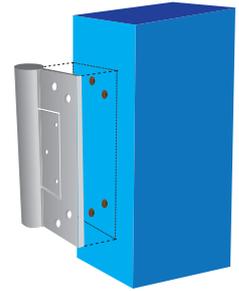


**Code No. A 165**

## INTERFOLD HINGE INFORMATION

### Standard Application:

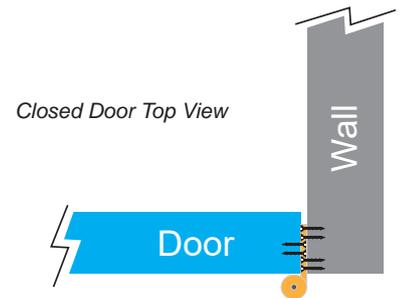
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

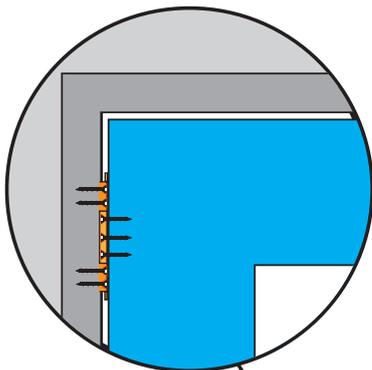
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



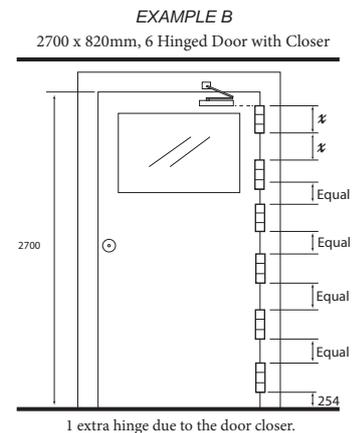
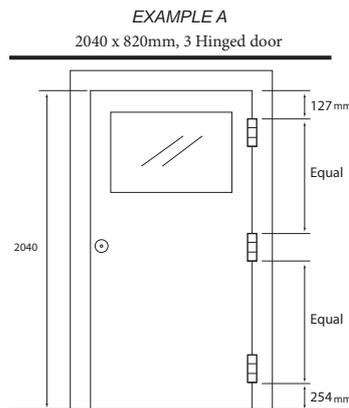
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 32mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM OFFSET INTERFOLD HINGE

**Code No. A 166**

### APPLICATION

- Suitable for Aluminium entrance doors in medium usage situations.
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 32mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)

### FIXING

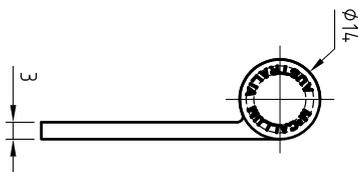
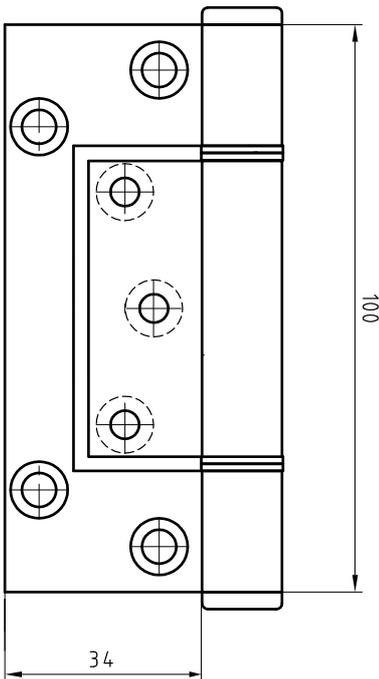
- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A67 RN

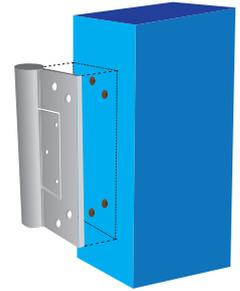


**Code No. A 166**

## INTERFOLD HINGE INFORMATION

### Standard Application:

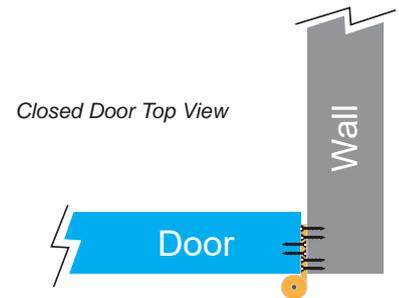
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

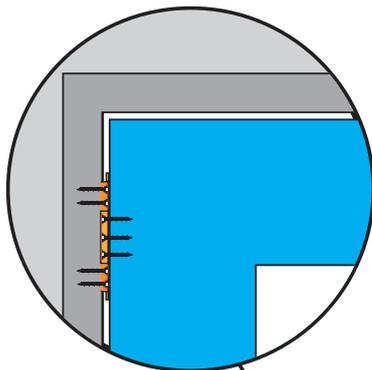
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



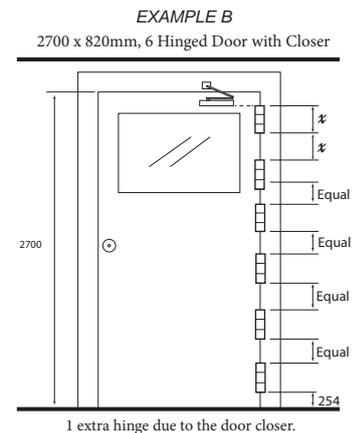
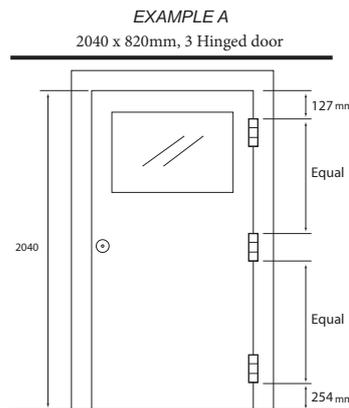
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 32mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM OFFSET INTERFOLD HINGE

**Code No. A 167**

### APPLICATION

- Suitable for aluminium entrance doors in medium usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

### FIXING

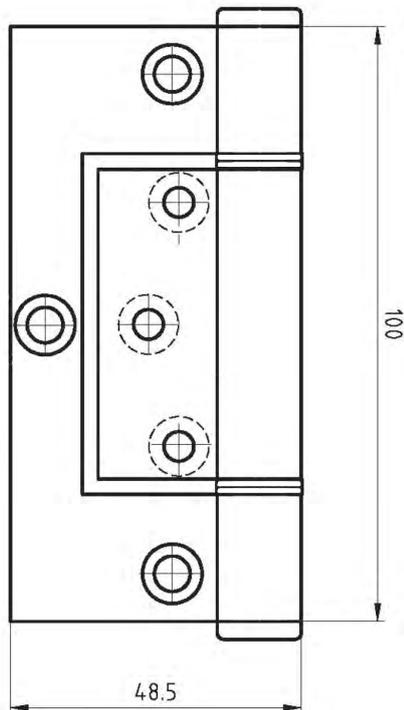
- **Fastening screws supplied.**
- Locator allows for Fast-Fixing.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A67 F

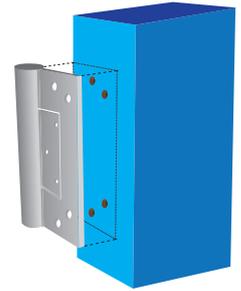


**Code No. A 167**

## INTERFOLD HINGE INFORMATION

### Standard Application:

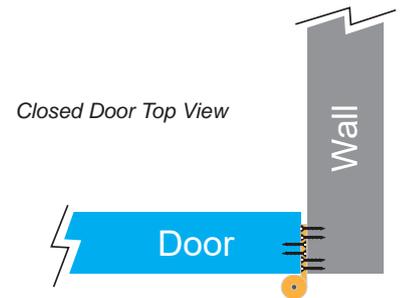
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

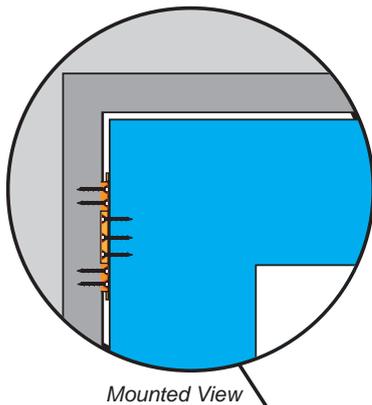
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.

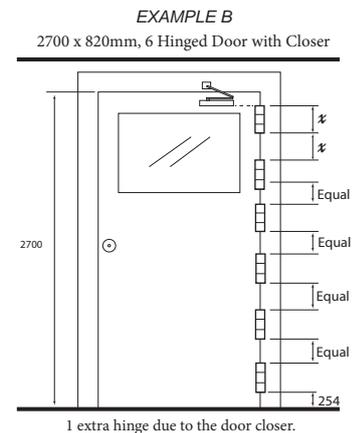
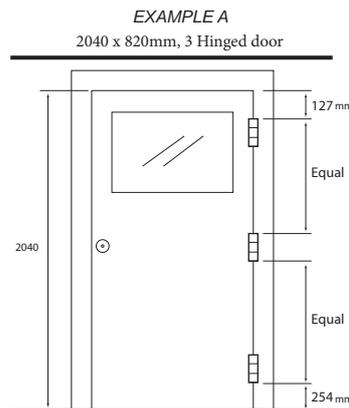


### Hinge Specific Information:

- Minimum Door Thickness: 35mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



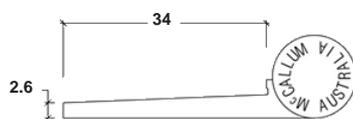
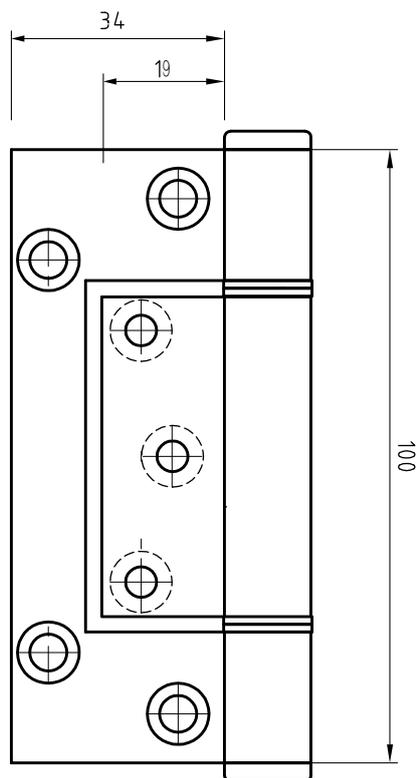
Mounted View



Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 168



#### APPLICATION

- Aluminium doors in medium usage situations.

#### SPECIFICATION

- Alloy:** High strength T.6 minimum tensile 254 mpa.
- Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- Bushes:** Flanged nylon.
- Knuckle:** Round
- Aluminium Endcaps:** Pressed-in interference fit.
- Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- Door thickness: Minimum 32mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

- Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

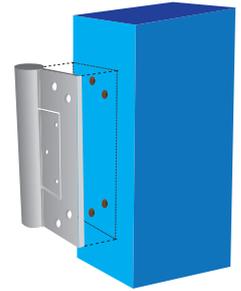
- A67 RTF

**Code No. A 168**

## INTERFOLD HINGE INFORMATION

### Standard Application:

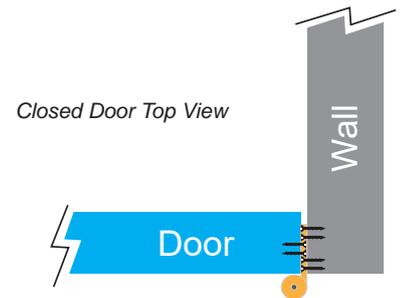
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

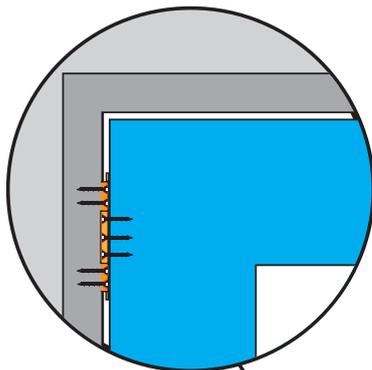
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



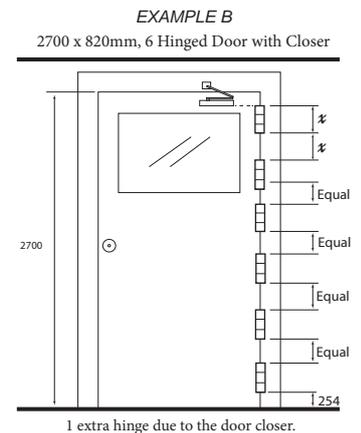
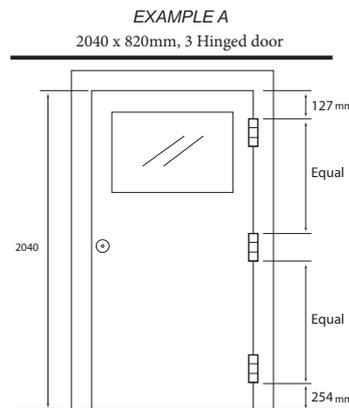
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 32mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 169

#### APPLICATION

- Aluminium doors in medium usage situations.

#### SPECIFICATION

- Alloy:** High strength T.6 minimum tensile 254 mpa.
- Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- Bushes:** Flanged nylon.
- Knuckle:** Round
- Aluminium Endcaps:** Pressed-in interference fit.
- Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- Door thickness: Minimum 32mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

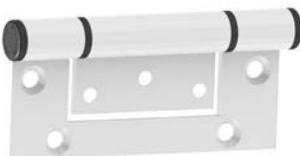
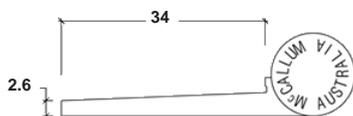
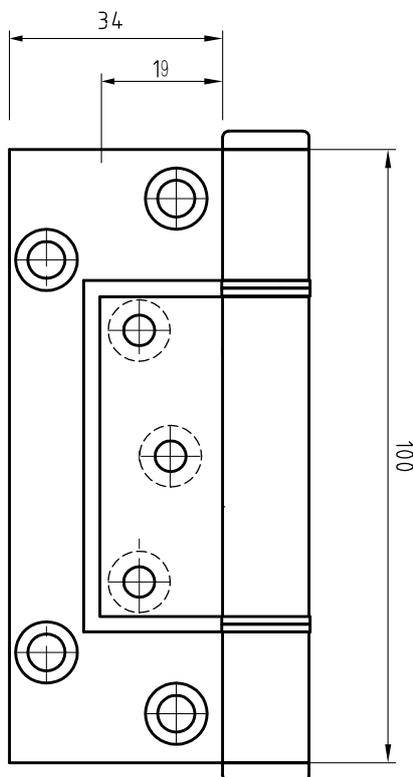
- Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised Leaves with Black Caps and Bushes

#### OLD CODE NO.

- A67 RTF Satin-Black

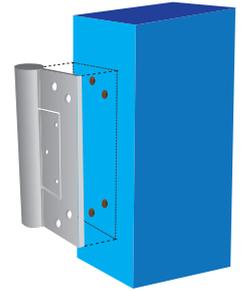


**Code No. A 169**

## INTERFOLD HINGE INFORMATION

### Standard Application:

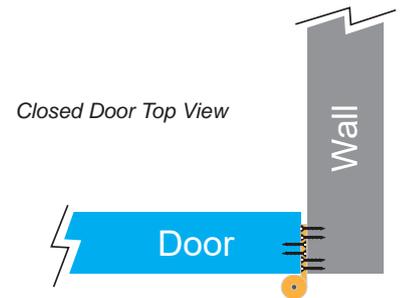
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

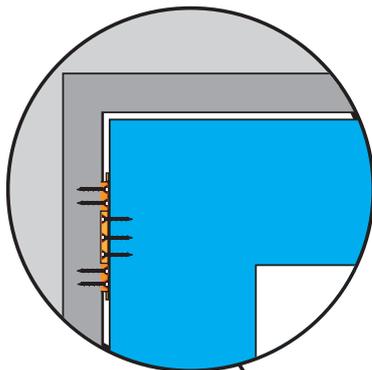
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



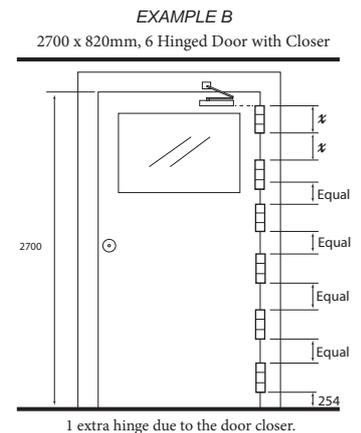
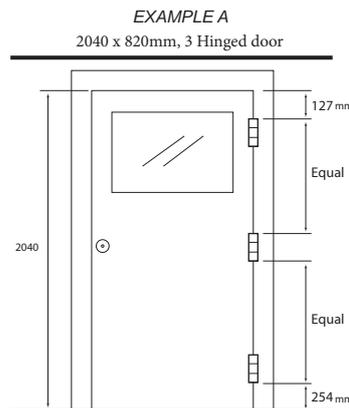
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 32mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View

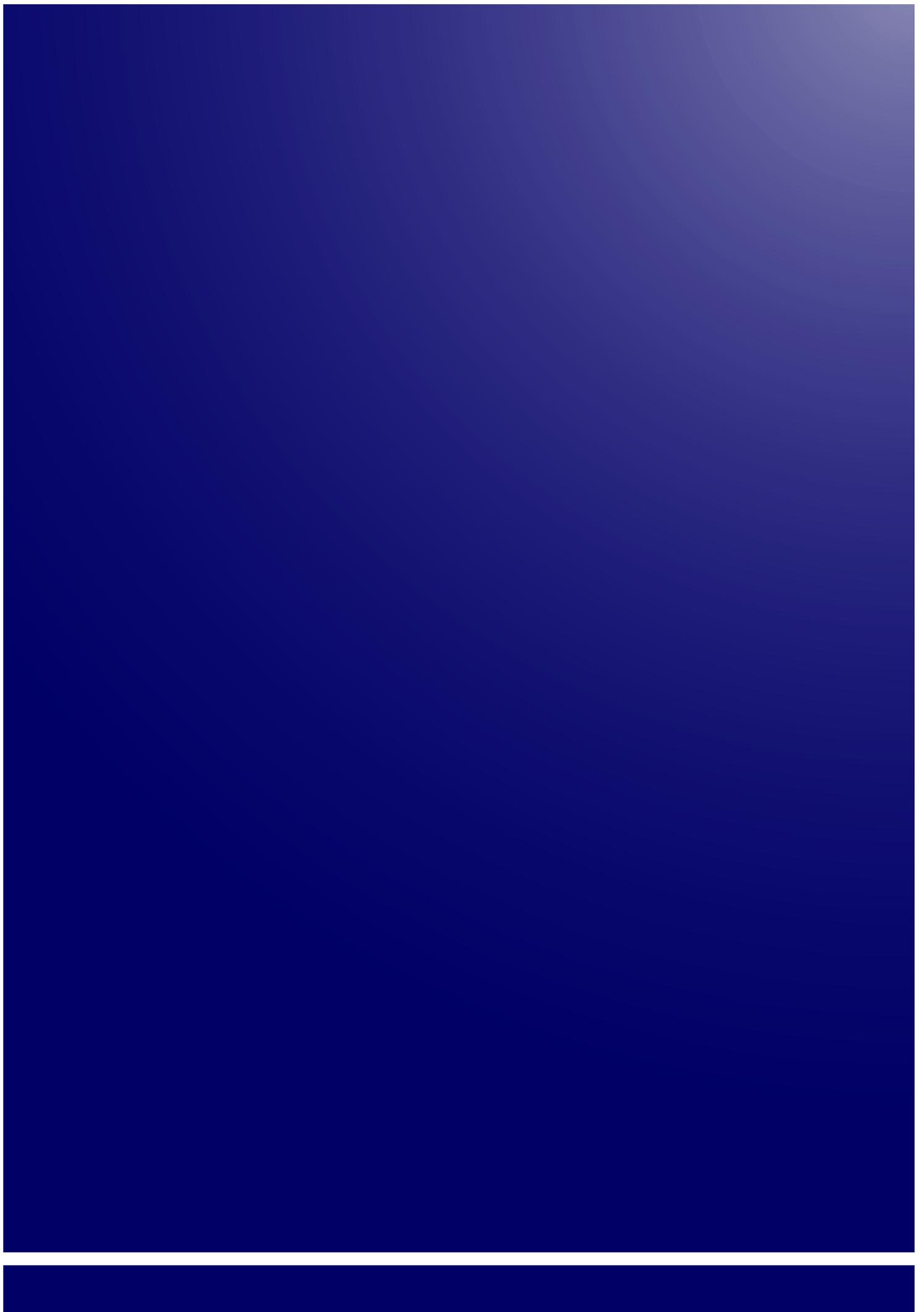


Number of Hinges Required per Door Size	
	820mm (W)
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

# INTERFOLD HINGES

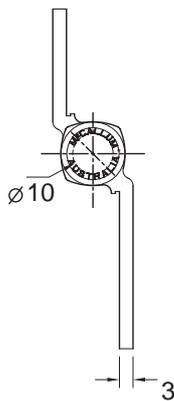
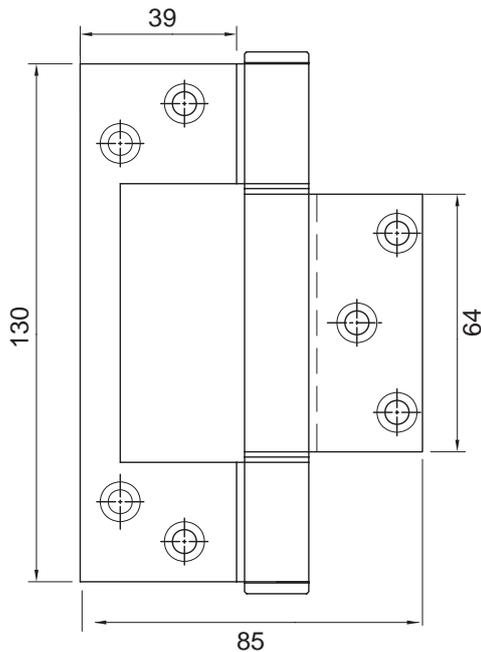


7 Series



## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 107



#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for some timber door applications.
- Offset knuckle.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 80 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

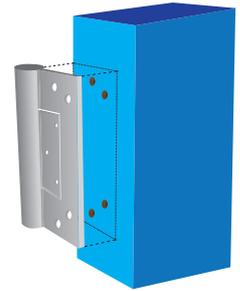
- A107 RLF

**Code No. A 107**

## INTERFOLD HINGE INFORMATION

### Standard Application:

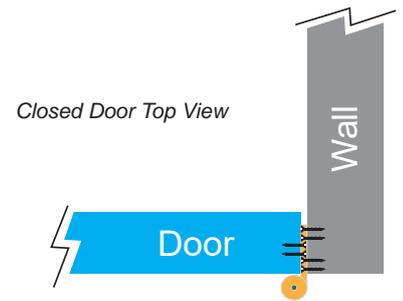
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

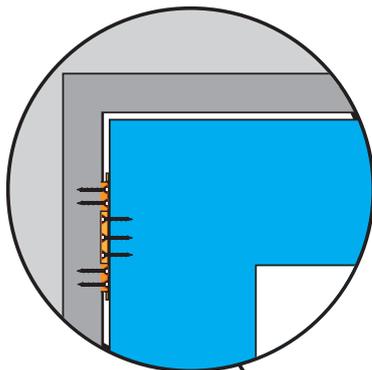
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



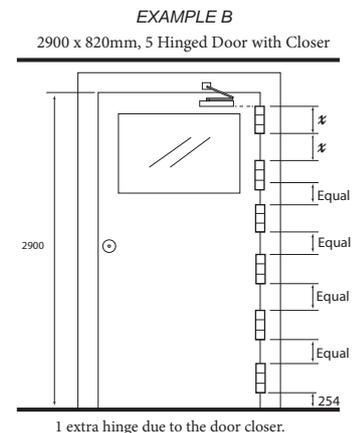
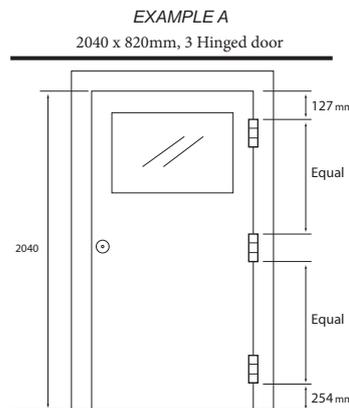
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 900 - 3 Hinges
- Please refer to the table below for more sizes



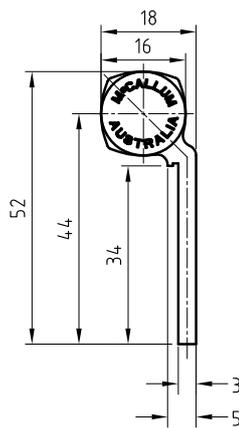
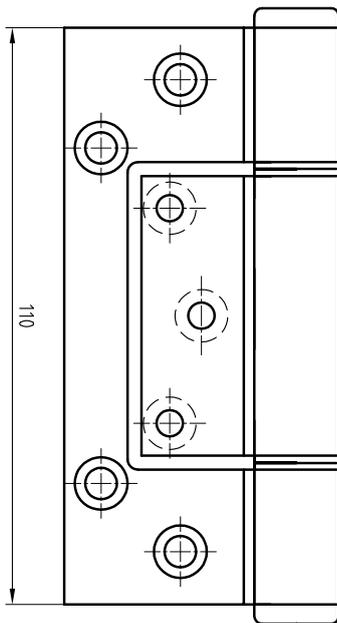
Mounted View



Number of Hinges Required per Door Size		
	820 - 900 mm (W)	900 - 1000 mm (W)
2100 mm (H) to 2300 mm (H)	3	4
2500 mm (H) to 2700 mm (H)	4	5
2900 mm (H)	5	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.		

## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 117



#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for some timber door applications.
- Offset knuckle.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **FOR HEAVIER DOORS, SEE THE LARGER VERSION, A107. IT IS 130MM LONG AND HAS A WEIGHT CAPACITY OF 80KG.**
- **Maximum Weight Capacity:** 50 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 34mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

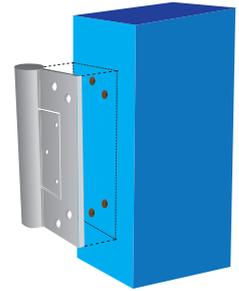
- A107 RF

**Code No. A 117**

## INTERFOLD HINGE INFORMATION

### Standard Application:

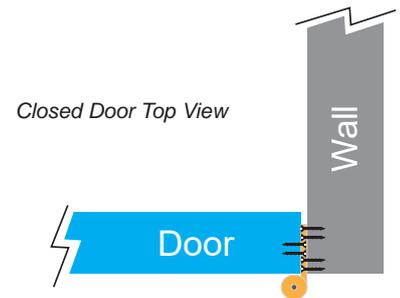
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

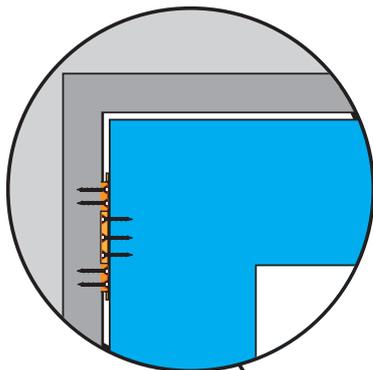
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



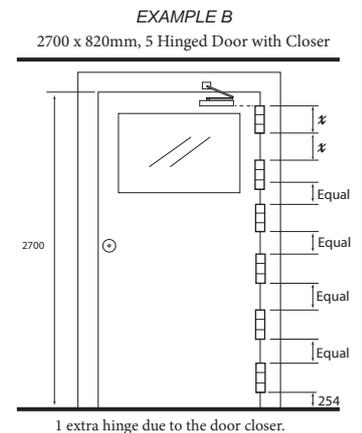
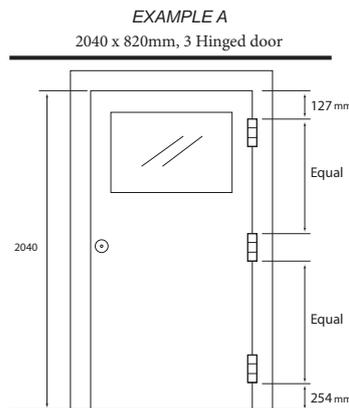
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 34mm
- Up to 2100 x 900 - 3 Hinges
- Please refer to the table below for more sizes



Mounted View



Number of Hinges Required per Door Size		
	820 - 900 mm (W)	900 - 1000 mm (W)
2100 mm (H)	3	4
2300 mm (H) to 2500 mm (H)	4	5
2700 mm (H)	5	6
2900 mm (H)	6	7
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.		

## ALUMINIUM OFFSET INTERFOLD HINGE

### Code No. A 127

#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for some timber door applications.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 40 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 32mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.

#### FIXING

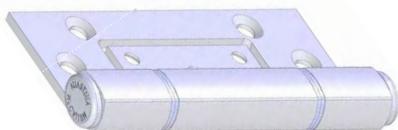
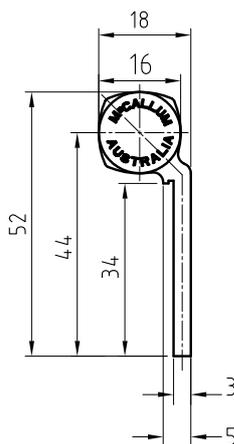
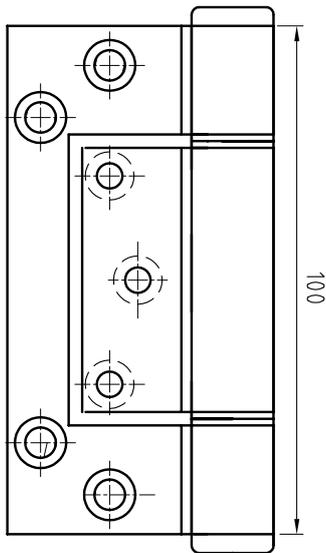
- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

#### OLD CODE NO.

- A107 SHF

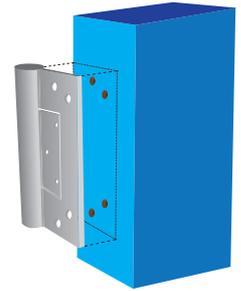


**Code No. A 127**

## INTERFOLD HINGE INFORMATION

### Standard Application:

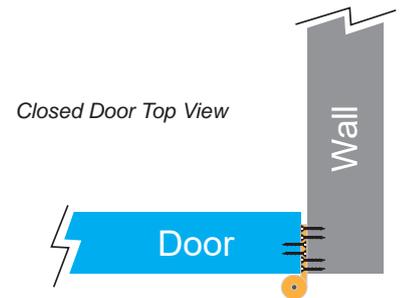
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

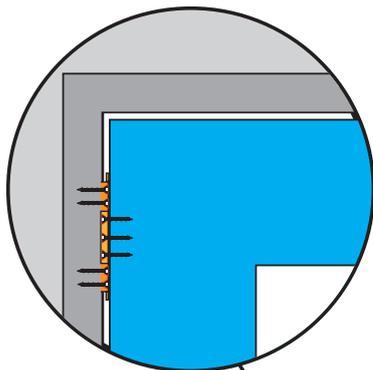
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



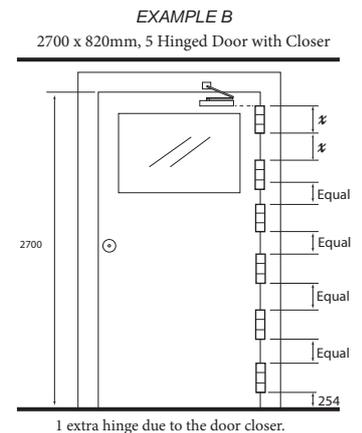
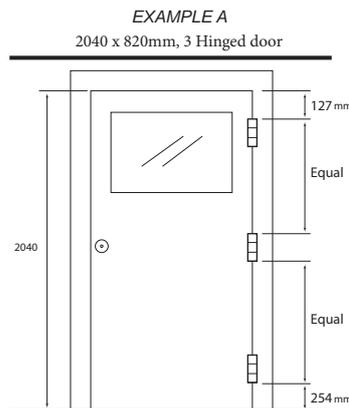
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 32mm
- Up to 2100 x 820 - 3 Hinges
- Please refer to the table below for more sizes



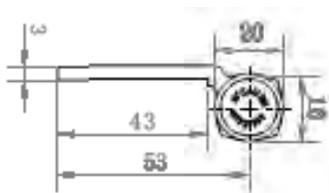
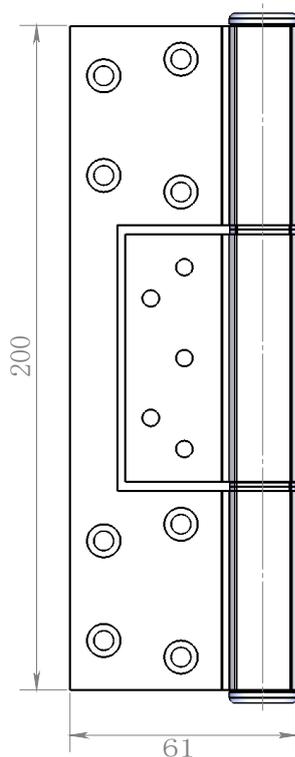
Mounted View



Number of Hinges Required per Door Size	
820 - 900 mm (W)	
2100 mm (H)	3
2300 mm (H) to 2500 mm (H)	4
2700 mm (H)	5
2900 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

### Code No. A 137



#### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 Mpa.
- **Pin Dia:** 8mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 100 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

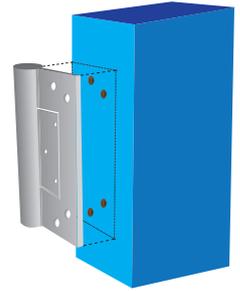
- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

**Code No. A 137**

## INTERFOLD HINGE INFORMATION

### Standard Application:

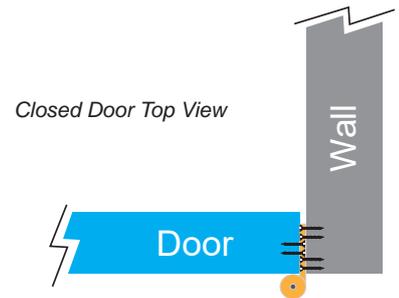
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



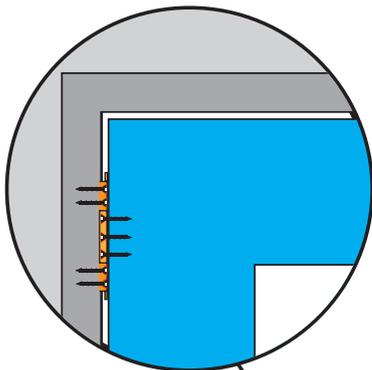
Pre-drill and Mount

### With Door Closer:

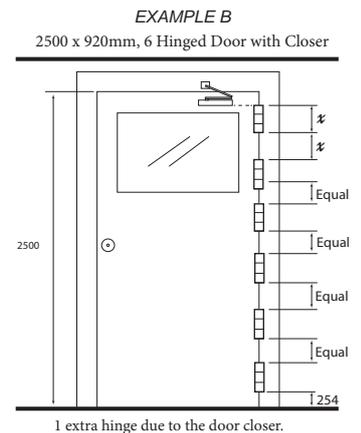
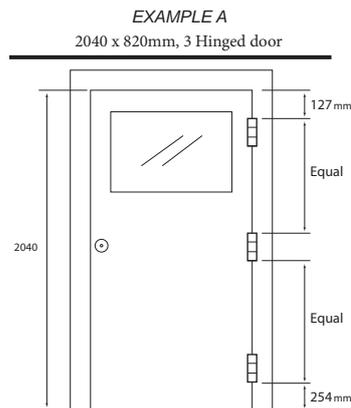
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.



Closed Door Top View



Mounted View



### Number of Hinges Required per Door Size

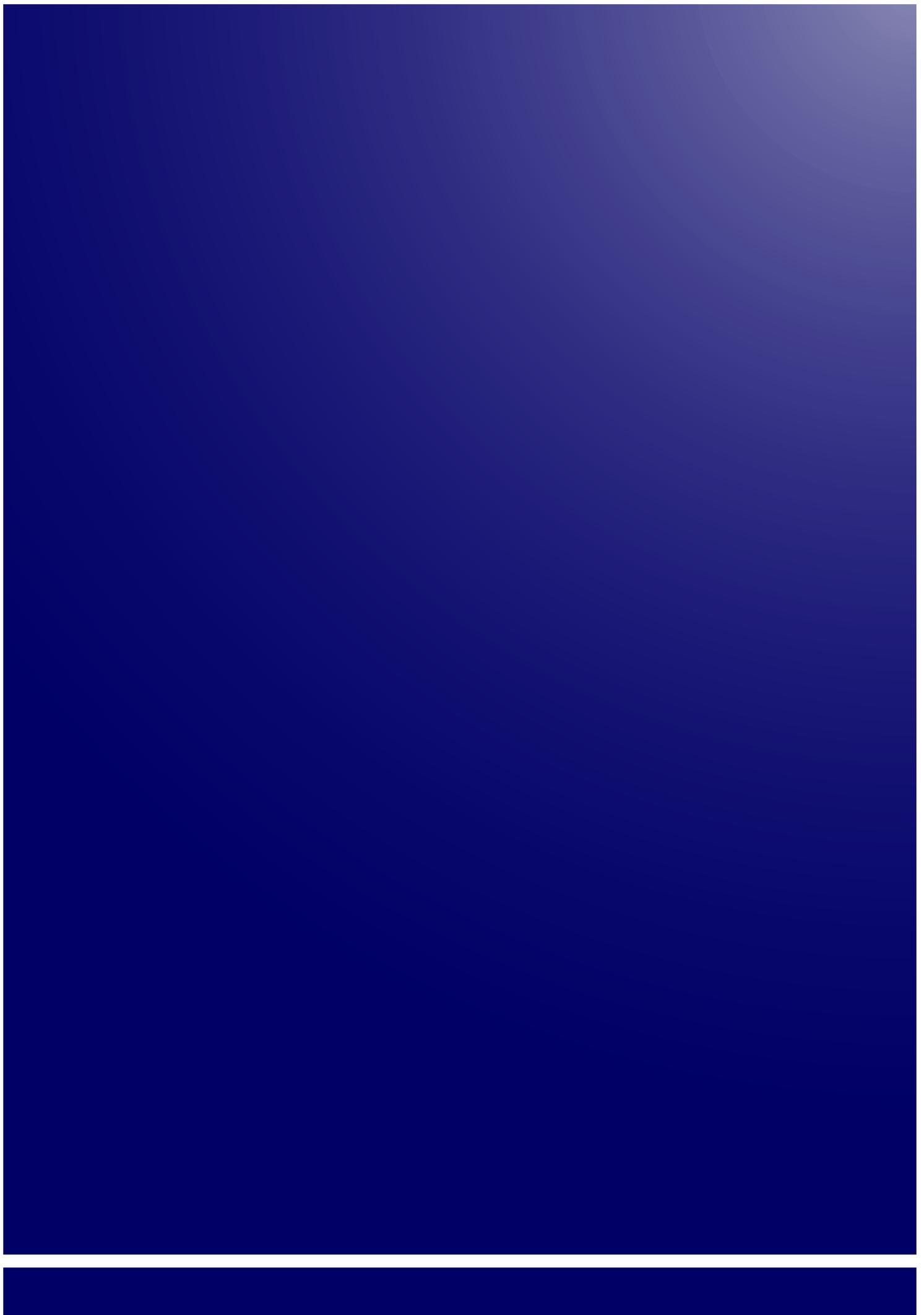
	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H)	2	3	4
2300 mm (H) to 2700 mm (H)	3	4	5
2900 mm (H)	4	5	6

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

# INTERFOLD HINGES



9 Series



## HEAVY DUTY ALUMINIUM FAST - FIX HINGE

**Code No. A 119**

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.
- Cover caps are to hide screws on the wings for a more contemporary and smooth finish.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 100 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

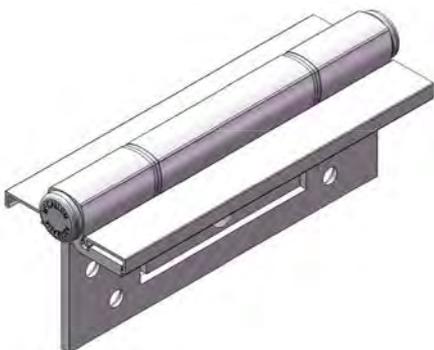
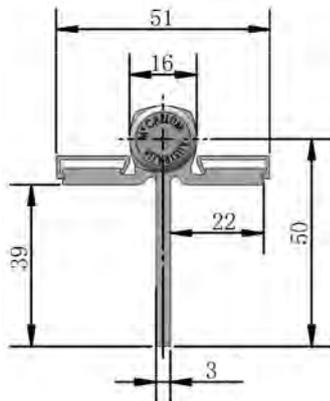
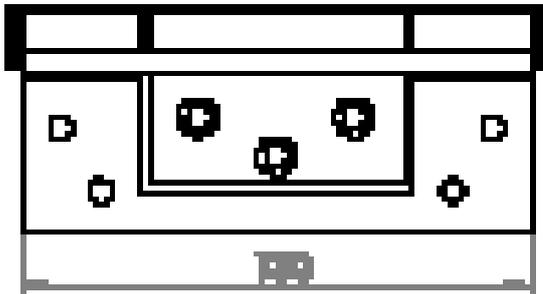
- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

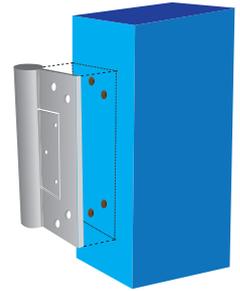


**Code No. A 119**

## INTERFOLD HINGE INFORMATION

### Standard Application:

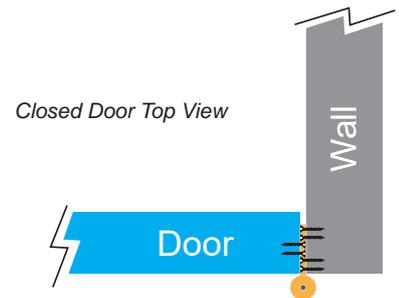
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

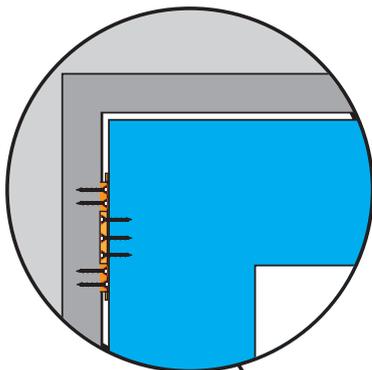
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



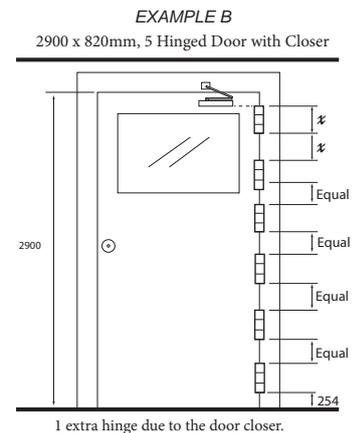
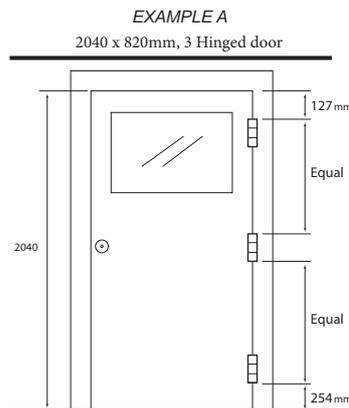
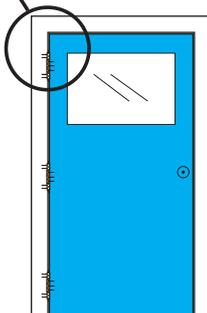
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 40mm
- Up to 2300 x 900 x 100kg - 3 Hinges
- Please refer to the table below for more sizes.



Mounted View



### Number of Hinges Required per Door Size

	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H) to 2300 mm (H)	3	4	5
2500 mm (H) to 2700 mm (H)	4	5	6
2900 mm (H)	5	6	7

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

**Code No. A 129**

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for either centre pocket or front edge glazing systems.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.
- Cover caps are to hide screws on the wings for a more contemporary and smooth finish.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 120 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

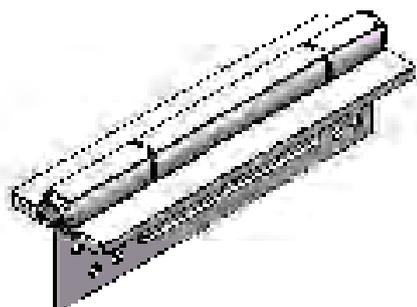
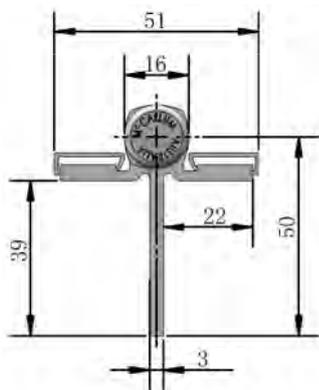
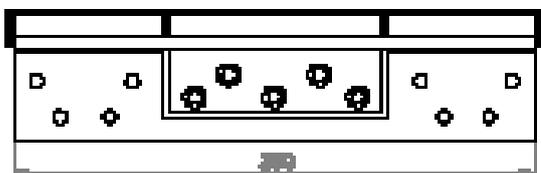
- **Door thickness: Minimum 40mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- Oversize Door: Turn over for further information.
- Locator allows for fast fixing.

### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

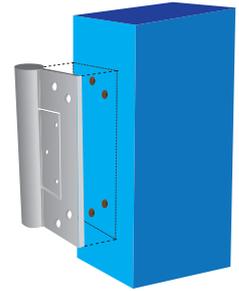


**Code No. A 129**

## INTERFOLD HINGE INFORMATION

### Standard Application:

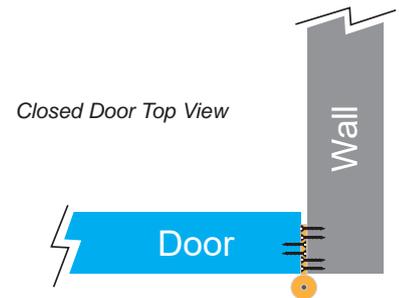
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



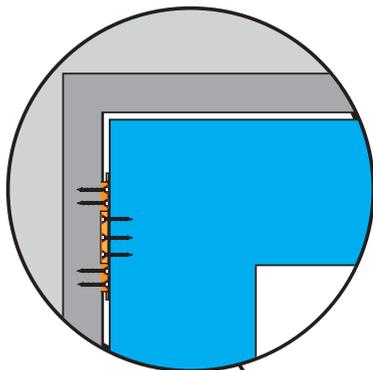
Pre-drill and Mount

### With Door Closer:

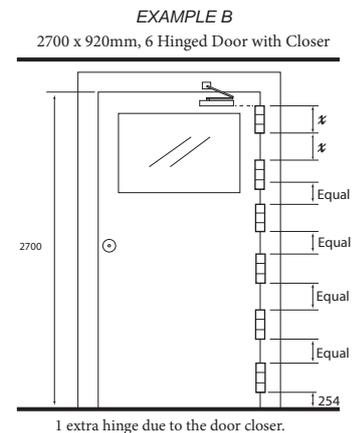
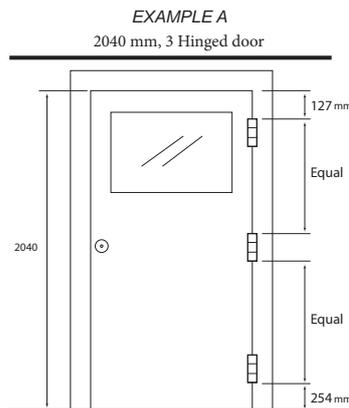
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.



Closed Door Top View



Mounted View

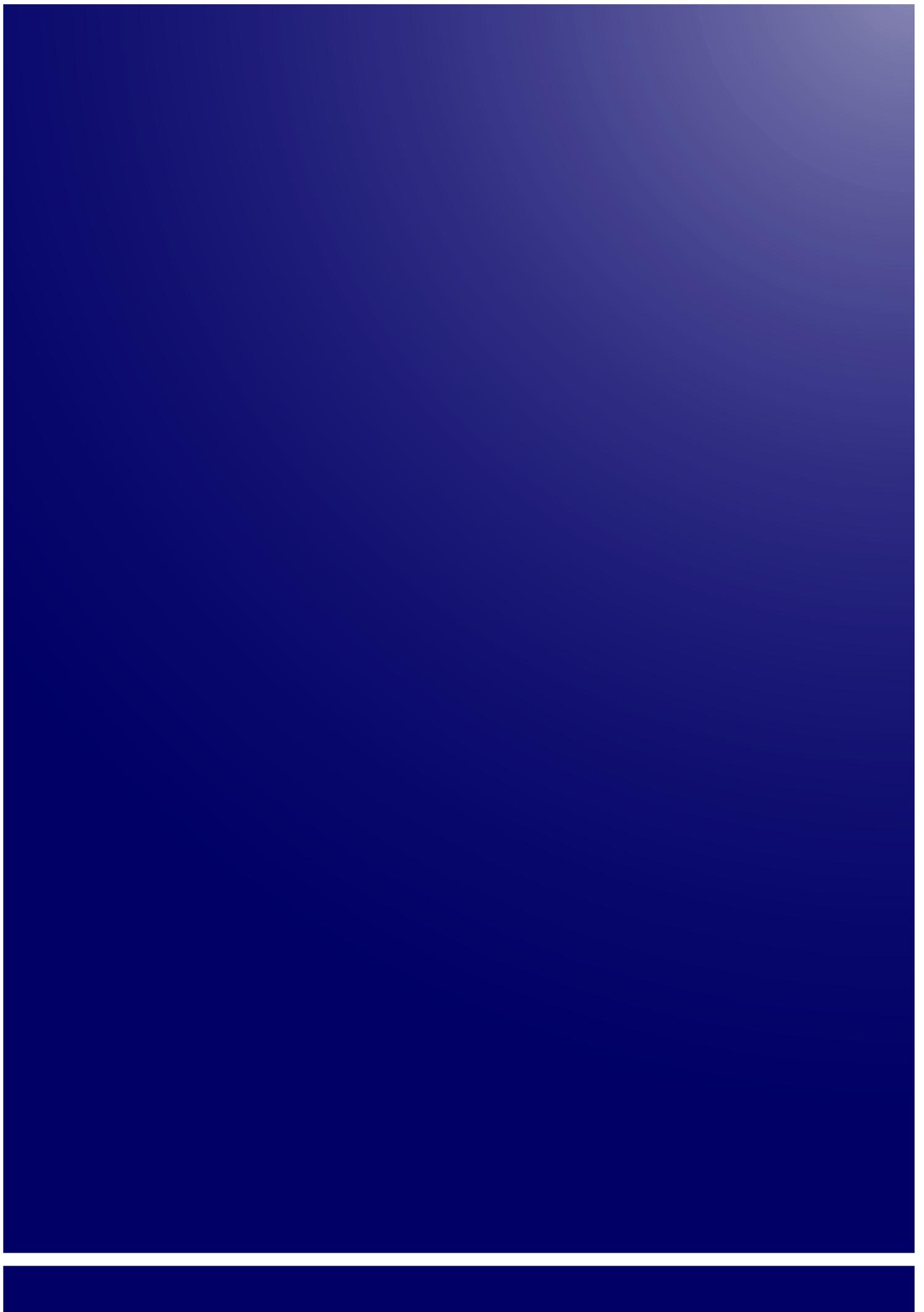


### Number of Hinges Required per Door Size

	820 - 900 mm (W)	900 - 1000 mm (W)	1100 mm (W)
2100 mm (H) to 2500 mm (H)	3	4	5
2700 mm (H) to 2900 mm (H)	4	5	6

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

# INTERFOLD HINGES



## HEAVY DUTY ALUMINIUM INTERFOLD HINGE

**Code No. A 174**

### APPLICATION

- Suitable for aluminium entrance doors in high usage situation
- Suitable for some timber door applications.
- Suitable for some timber door applications.
- Pre-drilling of the holes in the timber may be required.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 6mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Squareline - Heavy Duty
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 40 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 34mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.
- **THIS HINGE IS DESIGNED WITH A 1.0mm (APPROX.) OFFSET.**
- **YOU NEED TO ALLOW A 4.5mm SPACE BETWEEN THE DOOR AND THE JAMB DUE TO THE OFFSET. THIS MAY HELP COMPENSATE FOR A DISTORTED DOOR WHEN CLOSED. THE A115 SHOULD BE CONSIDERED IF AN OFFSET HINGE IS NOT REQUIRED.**

### FIXING

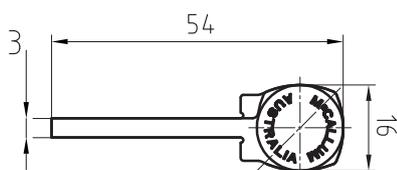
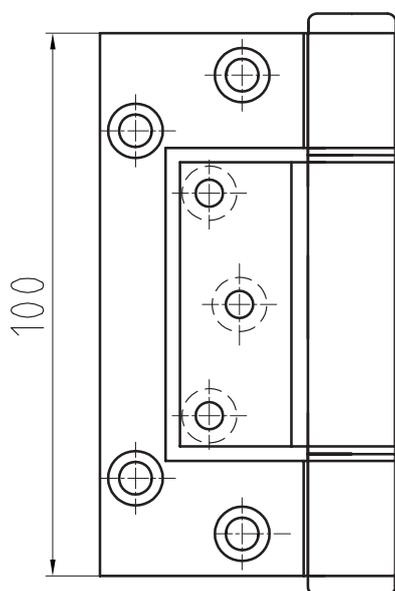
- **Fastening screws supplied.**
- Pop rivets are not recommended.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

- A74 HBF

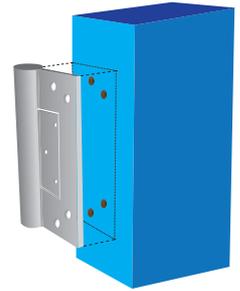


**Code No. A 174**

## INTERFOLD HINGE INFORMATION

### Standard Application:

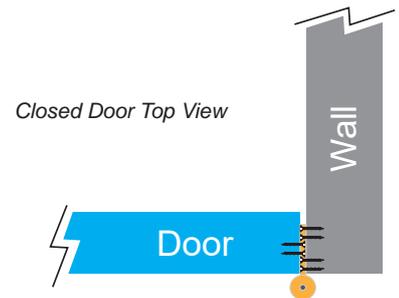
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Pre-drill and Mount

### With Door Closer:

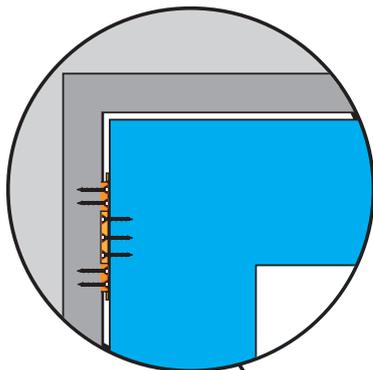
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter between the second and bottom hinge. See Example Door B.



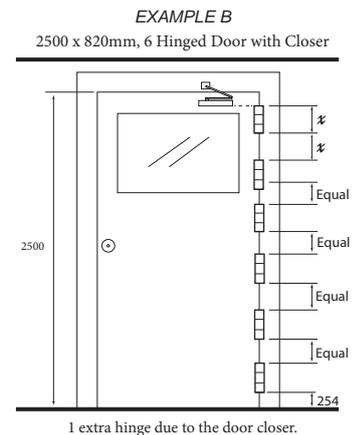
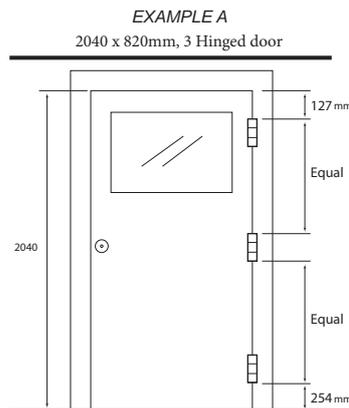
Closed Door Top View

### Hinge Specific Information:

- Minimum Door Thickness: 34mm
- Up to 2100 x 820 x 40kg - 3 Hinges
- Please refer to the table below for more sizes.



Mounted View



Number of Hinges Required per Door Size	
	820 mm (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5
2700 mm (H)	6
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM SMALL INTERFOLD HINGE

**Code No. A 176**

### APPLICATION

- Control cabinet doors, small windows and screens.

### SPECIFICATION

- Alloy:** High strength T.6 minimum tensile 254 mpa.
- Pin Dia:** 4mm 304 Stainless Steel with machined chamfer both ends.
- Bushes:** Flanged nylon.
- Knuckle:** Round
- Endcaps:** Interference fit caps.

### FIXING

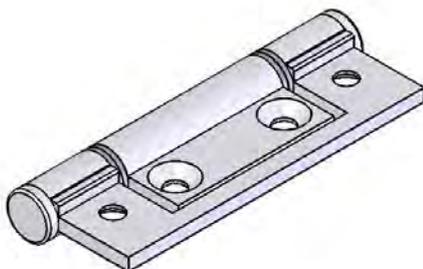
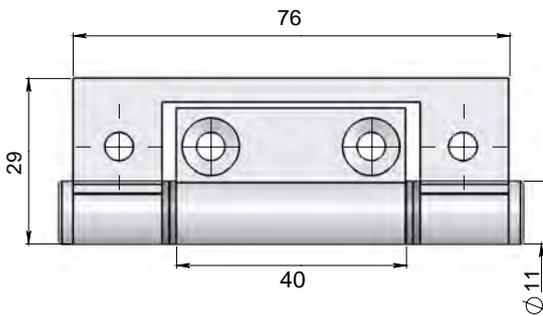
- Fastening screws not supplied.**
- Pop rivets can be used.

### FINISH

- SNA - Satin Natural Anodised
- Black - Black Powder Coat
- White - White Powder Coat

### OLD CODE NO.

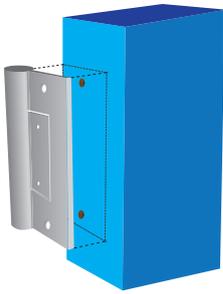
- A 7629



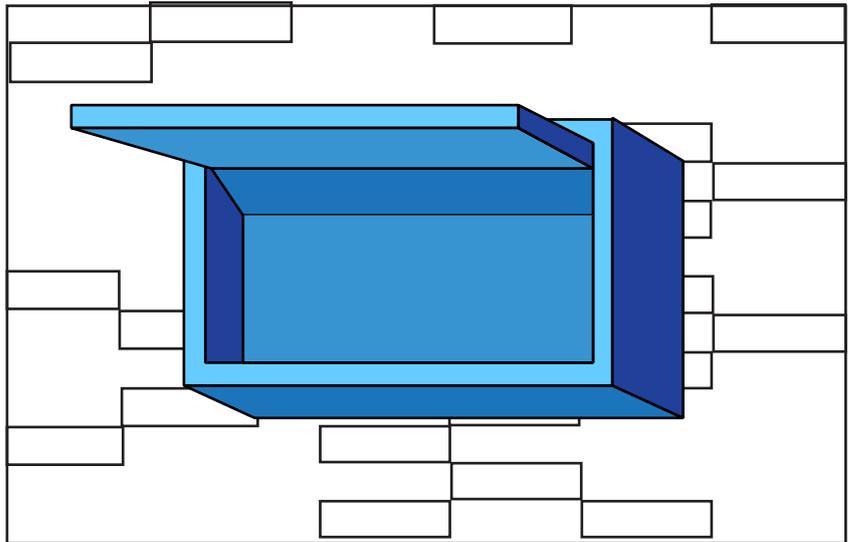
**Code No. A 176**

## INTERFOLD HINGE INFORMATION

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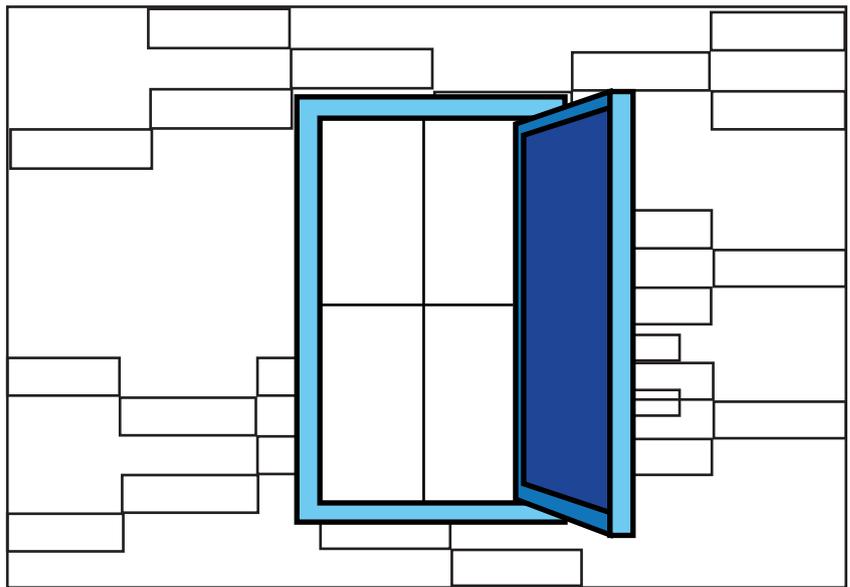
*Pre-drill and Mount*



*Control Cabinet*

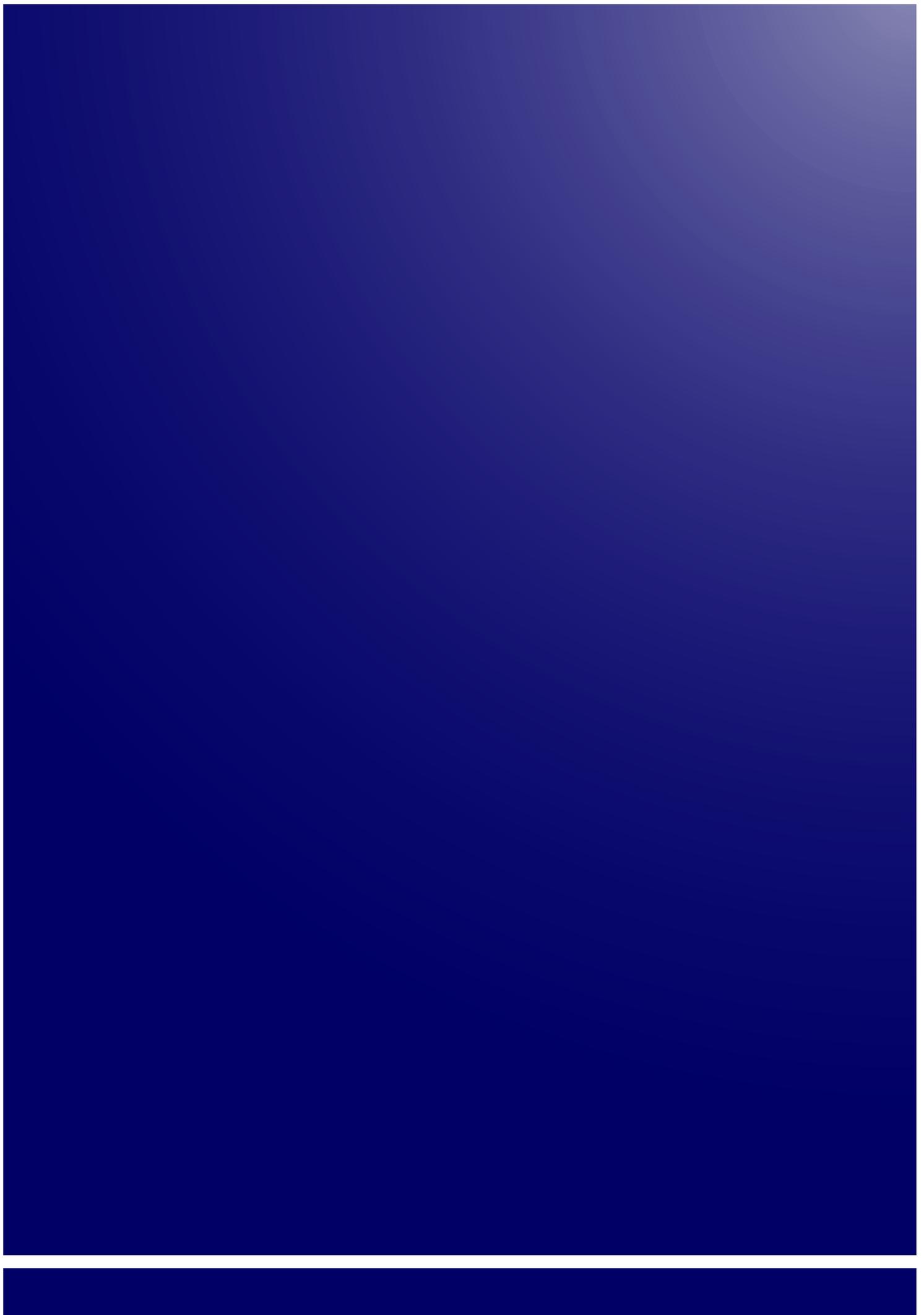


*Closed Door Top View*



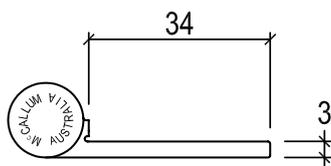
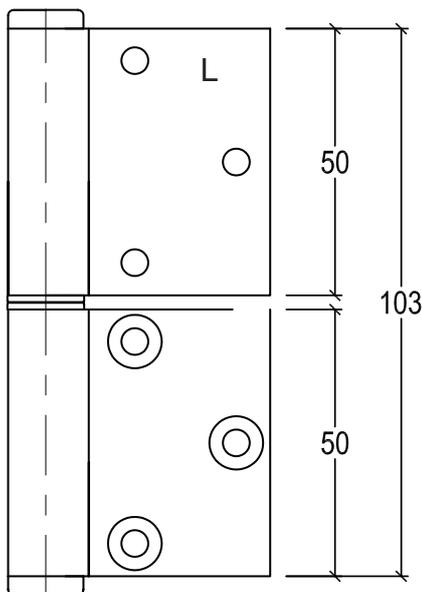
*Window Fly-screen*

# LIFT-OFF AND LOOSE-PIN HINGES



## ALUMINIUM LIFT - OFF HINGE

### Code No. A 101



#### APPLICATION

- For LEFT-HAND use.
- Lift-off facility for aluminium and timber doors.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 stainless steel with machined chamfers.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round.
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Pin Length:** 25mm.
- **Maximum Weight Capacity:** 25 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **HANDING IS DETERMINED AS BELOW:**  
**RIGHT HAND** - with the door coming towards you, the hinges are on the right.  
**LEFT HAND** - with the door coming towards you, the hinges are on the left.
- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- For lift-off clearance, we recommend a 40mm gap, minimum at the top of the door.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

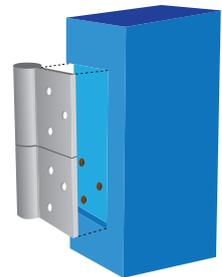
- A102 LHF

**Code No. A 101**

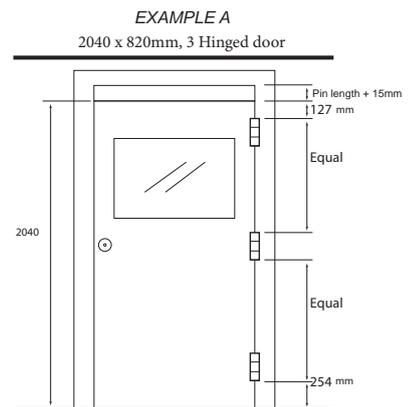
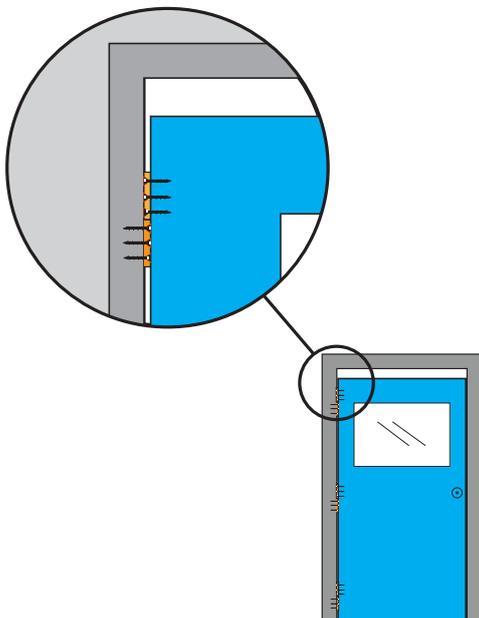
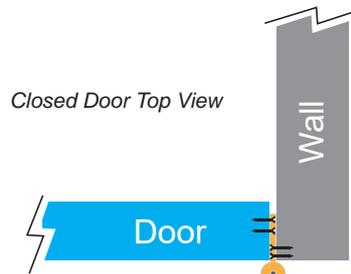
## LIFT-OFF HINGE INFORMATION

### Standard Application:

- The top of the door should sit at a distance of the hinge pin plus 15mm from the frame.
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



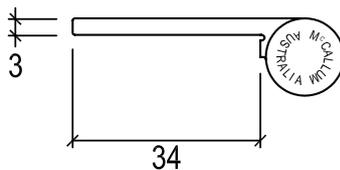
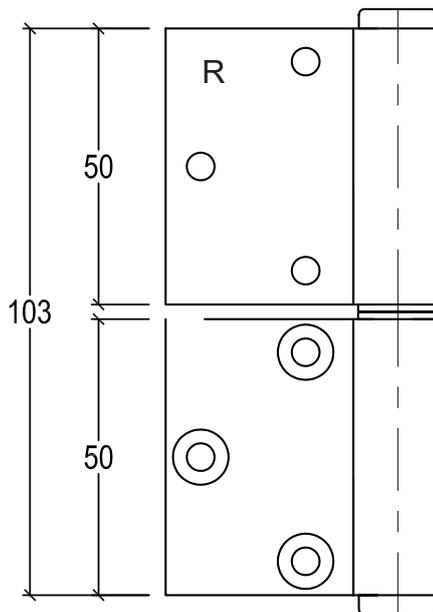
Recess, Pre-drill and Mount



Number of Hinges Required per Door Size	
	820 - 900 mm (W)
2100 mm (H)	3
2300 mm (H)	4
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM LIFT - OFF HINGE

### Code No. A 102



#### APPLICATION

- For RIGHT-HAND use.
- Lift-off facility for aluminium and timber doors.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 stainless steel with machined chamfers.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round.
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Pin Length:** 25mm.
- **Maximum Weight Capacity:** 25 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **HANDING IS DETERMINED AS BELOW:**  
**RIGHT HAND** - with the door coming towards you, the hinges are on the right.  
**LEFT HAND** - with the door coming towards you, the hinges are on the left.
- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- For lift-off clearance, we recommend a 40mm gap, minimum at the top of the door.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- A102 RHF

**Code No. A 102**

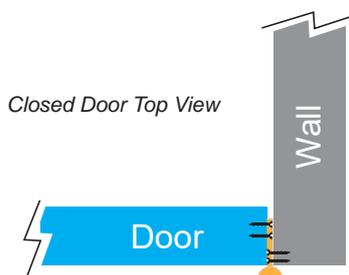
## LIFT-OFF HINGE INFORMATION

### Standard Application:

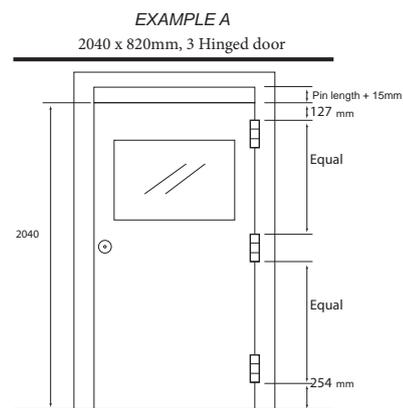
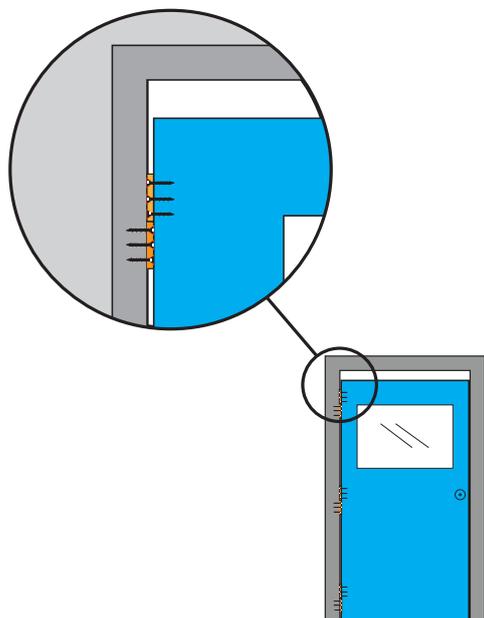
- The top of the door should sit at a distance of the hinge pin plus 15mm from the frame.
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Recess, Pre-drill and Mount



Closed Door Top View



Number of Hinges Required per Door Size	
	820 - 900 mm (W)
2100 mm (H)	3
2300 mm (H)	4
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM LIFT - OFF HINGE

### Code No. A 103 **Universal** Lift - Off

#### APPLICATION

- Lift-off facility for aluminium and timber doors.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 stainless steel with machined chamfers.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round.
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Pin Length:** 15mm.
- **Maximum Weight Capacity:** 25 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

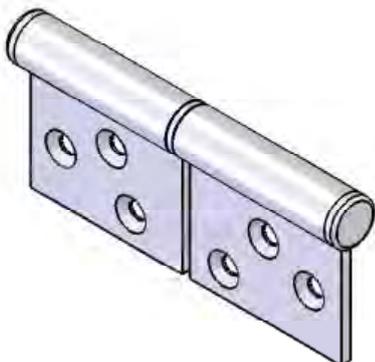
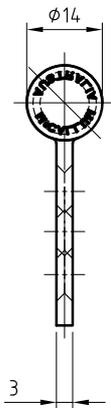
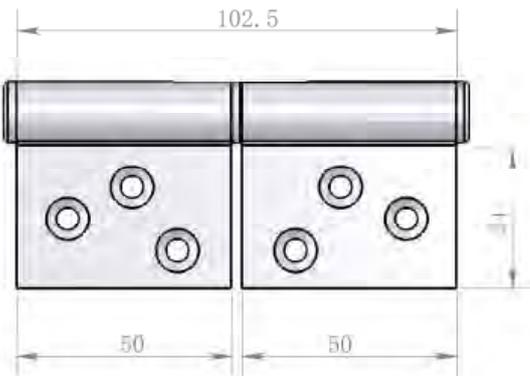
- **These hinges are designed to suit left and right hand installations making it easier for specifying.**
- The leaves are central on the knuckle with double countersinking.
- Two of the screw holes in the leaf align with metal frame pattern. The third hole will require drilling and tapping of the frame.
- 3 x 12mm x M5 metal screws are supplied for the metal frame.
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)
- For lift-off clearance, we recommend a 30mm gap, minimum at the top of the door.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

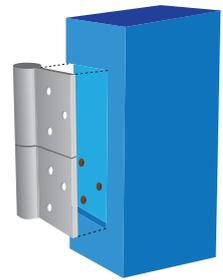


**Code No. A 103**

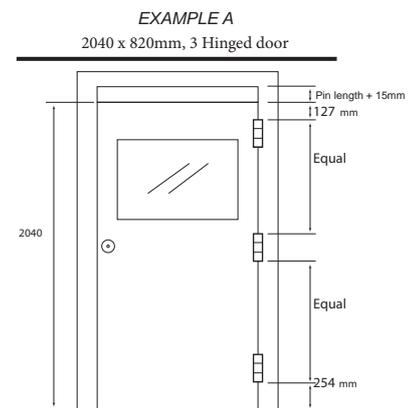
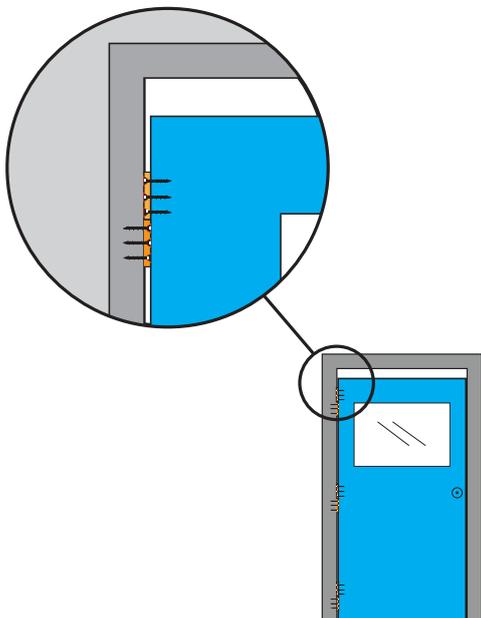
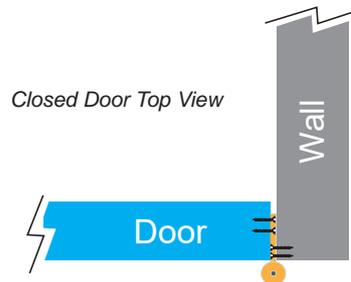
## LIFT-OFF HINGE INFORMATION

**Standard Application:**

- The top of the door should sit at a distance of the hinge pin plus 3mm from the frame.
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



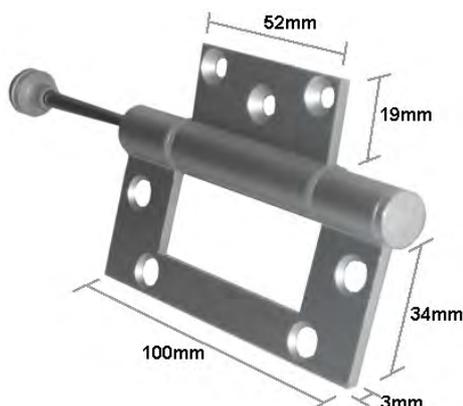
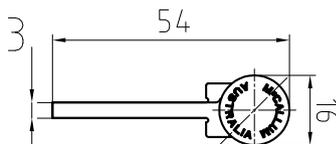
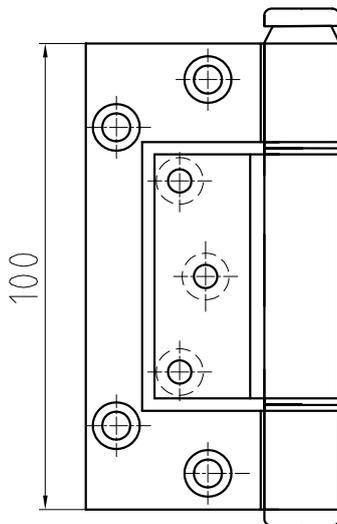
*Recess, Pre-drill and Mount*



Number of Hinges Required per Door Size	
	820 - 900 mm (W)
2100 mm (H)	3
2300 mm (H)	4
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM LOOSE PIN FAST - FIX HINGE

### Code No. A 173



### APPLICATION

- Suitable for aluminium doors in medium usage situation
- Suitable for some timber door applications. Pre-drilling of the holes in the timber may be required.
- **Lift-off facility.**

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- Pressed in lower endcap with sliding fit for pin.
- Top endcap has finger groove for easy removal of pin for the lift-off.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)
- Locator allows for fast fixing.
- Ensure that the lift-off endcap is located to the top.

### FIXING

- **Fastening screws not supplied.**
- Pop rivets are not recommended.

### FINISH

- Satin Natural Anodised only.

### OLD CODE NO.

- A74 LB

**Code No. A 173**

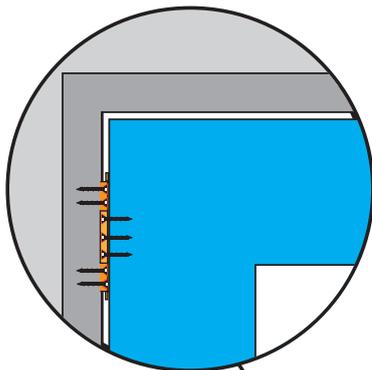
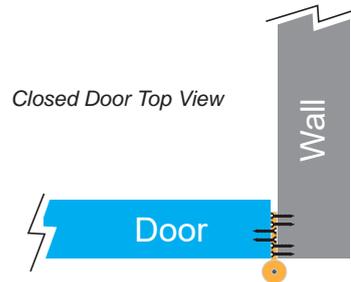
## LIFT-OFF HINGE INFORMATION

### Standard Application:

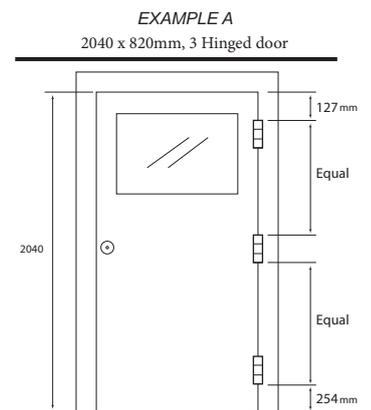
- The top of the door should sit at a distance of the hinge pin plus 3mm from the frame.
- The top hinge is 127mm down from the frame mark to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, hinge spacings are equal between all hinges from the top to the bottom hinges). See Example Door A.
- Hinge is to be mounted directly onto the door and frame as it is a surface mount application. There will be a gap between the frame and the door edge equal to the thickness of the hinge leaf. This will also be equal to the gap above the door.
- Space out and mark all holes for pre-drilling before attaching the hinges to the frame.
- Please note if the hinge is 'Offset' - where the barrel sits to one side of the hinge leaf. This will result in misalignments when hanging.



Recess, Pre-drill and Mount



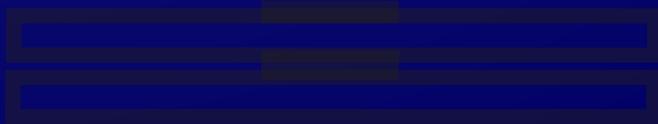
Mounted View

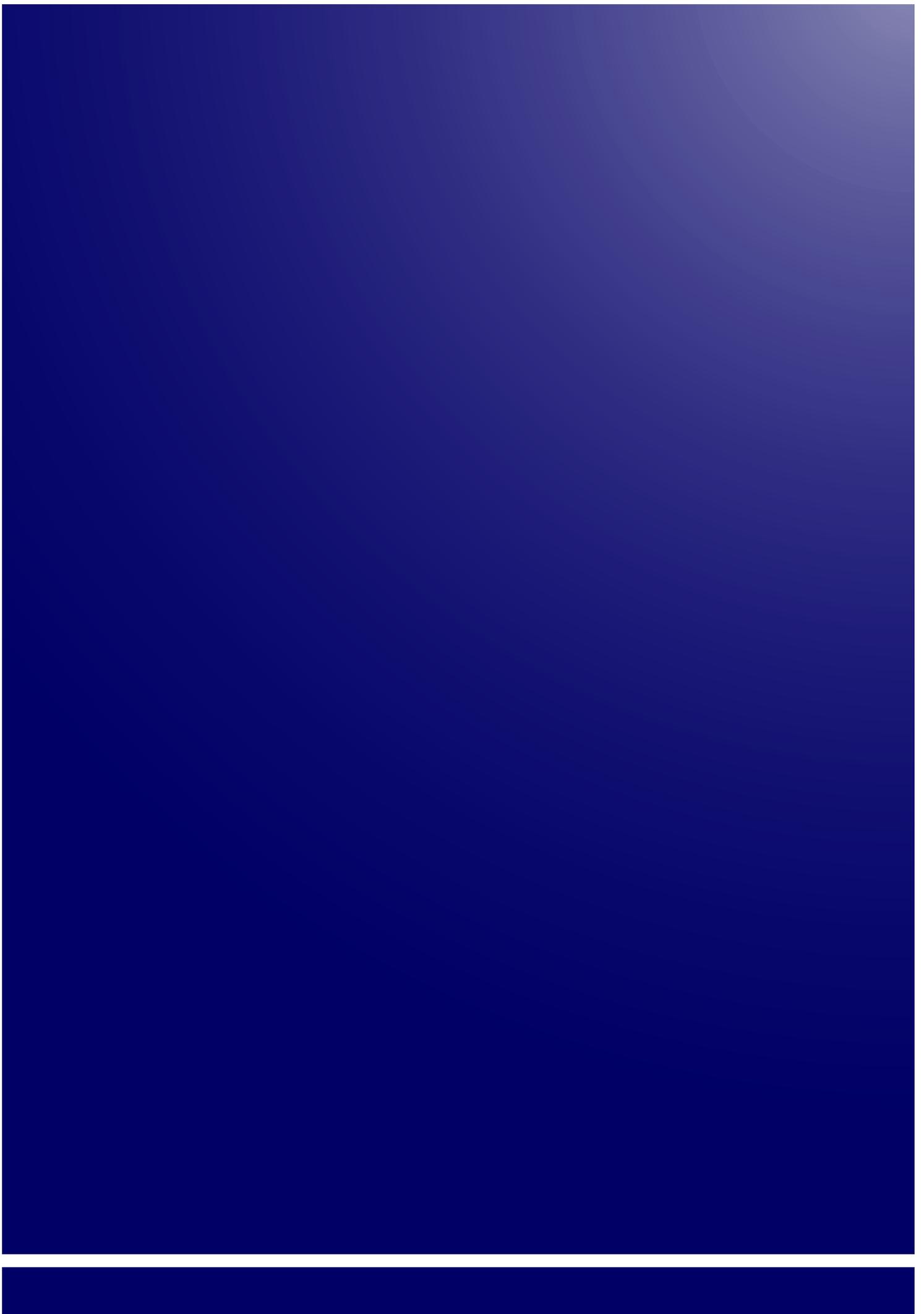


Number of Hinges Required per Door Size	
820 - 900 mm (W)	
2100 mm (H)	3
2300 mm (H)	4

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

# SPECIALTY HINGES





## ALUMINIUM PIVOT HINGES

### Code No. P 435

#### APPLICATION

- For flush service closet doors.
- For wardrobes, coat & linen closets.
- For hatches and access panels etc.

#### ADVANTAGES

- Door frames and architraves can be eliminated.
- Simple tools and limited trade skills required.
- Painting cost reduced to roller work.
- Standard plasterboard trim and accessories.

#### SPECIFICATION

- **Plates & Angles:** Aluminium 6063 T6
- **Rivet Material:** Steel, Zinc Plated
- **Bearing Bush:** Nylon 6 (modified)
- **Geometry:** Centre line non-handed pivots
- **Testing:** 300,000 Cycles (50kg SC Door)

#### INSTALLATION GUIDE ONLY

- **Door thickness: 35mm.**
- Standard Door: Solid Core 2400 (h) x 920 (W) x 50 kg
- Please turn over for greater detail.

#### FIXING

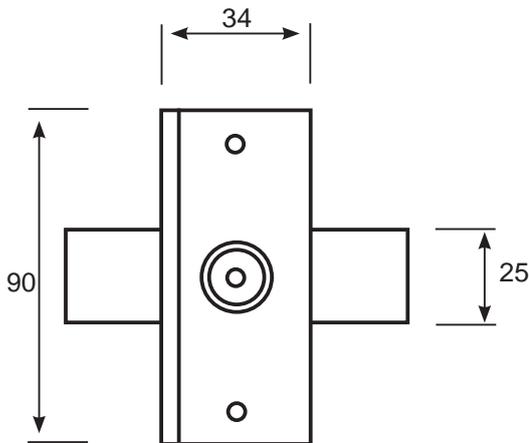
- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

- Silver-Grey Powder coated

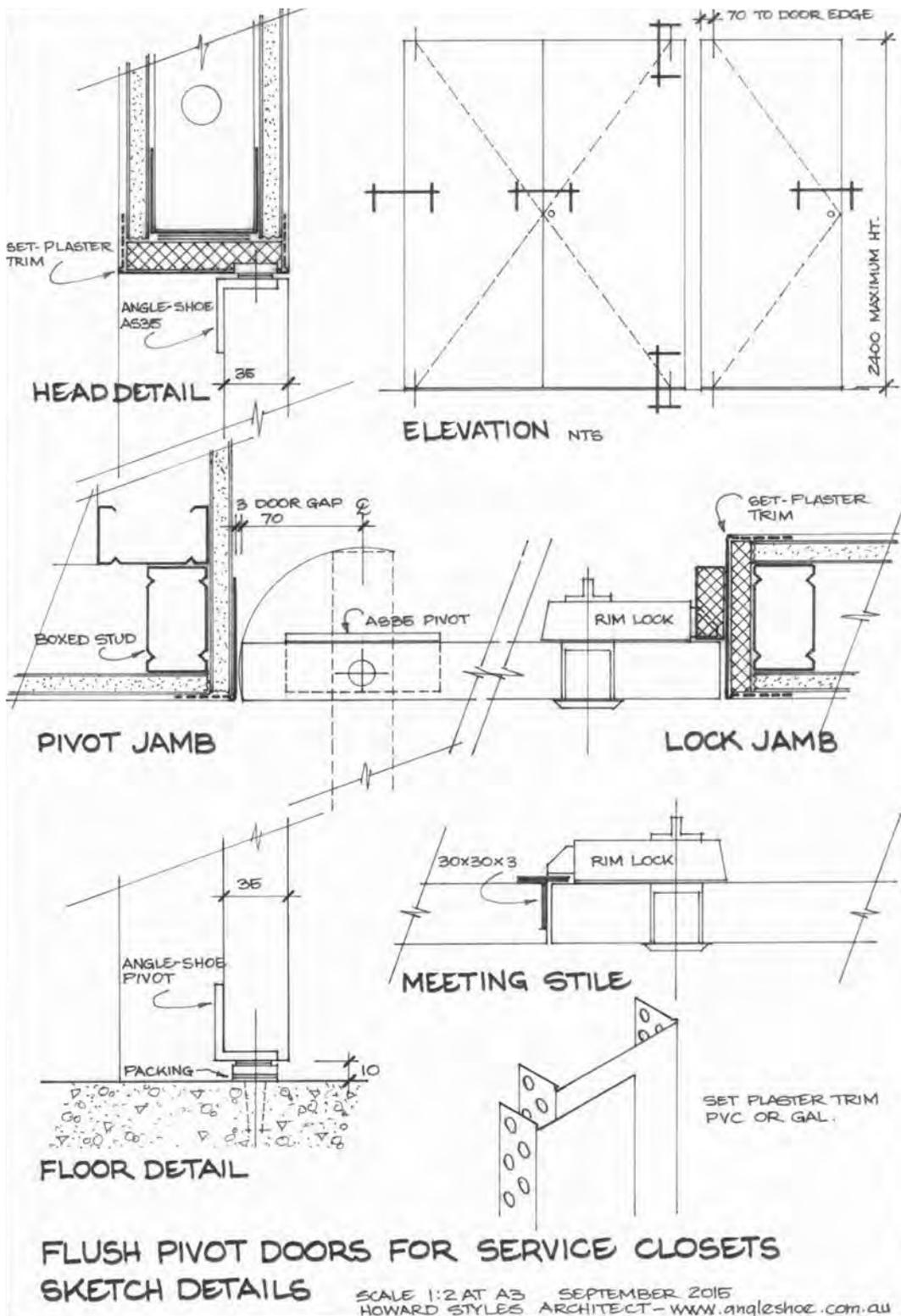
#### NOTES

- Product Design: Howard Styles - Architect



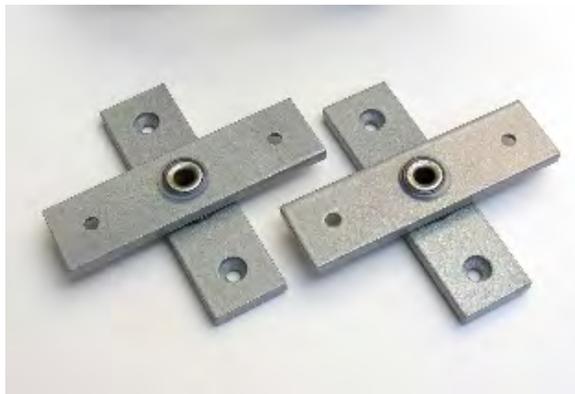
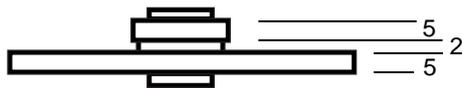
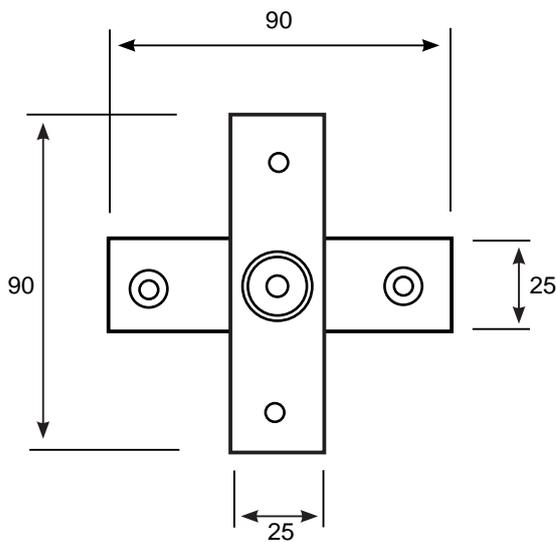
**Code No. P 435**

## ALUMINIUM PIVOT HINGES



## ALUMINIUM PIVOT HINGES

### Code No. P 436



#### APPLICATION

- For ceiling and duct hatches, laundry chutes.
- Windows and shutters, awning flaps ventilators and hoppers.
- Joinery and furniture.

#### ADVANTAGES

- Simple hand tool installation.
- No special skills required.
- Non-handed, universal pivots

#### SPECIFICATION

- **Plates:** Aluminium T6 temper
- **Rivet Material:** Steel, Zinc Plated
- **Bearing Bush:** Nylon 6
- **Geometry:** Non-handed, universal pivots
- **Max Load:** 50kg Door

#### INSTALLATION GUIDE ONLY

- **Door thickness: 35mm.**
- Please turn over for greater detail.

#### FIXING

- **Fastening screws supplied.**
- Pop rivets are not recommended.

#### FINISH

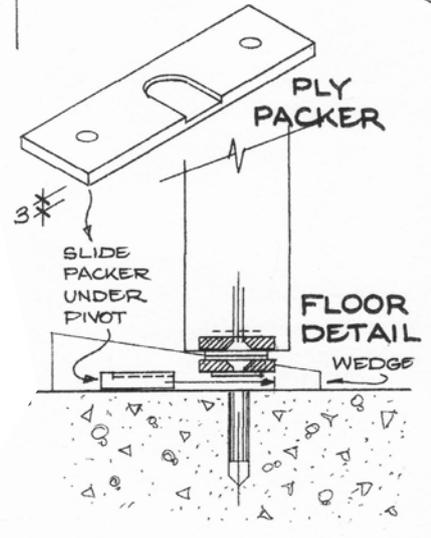
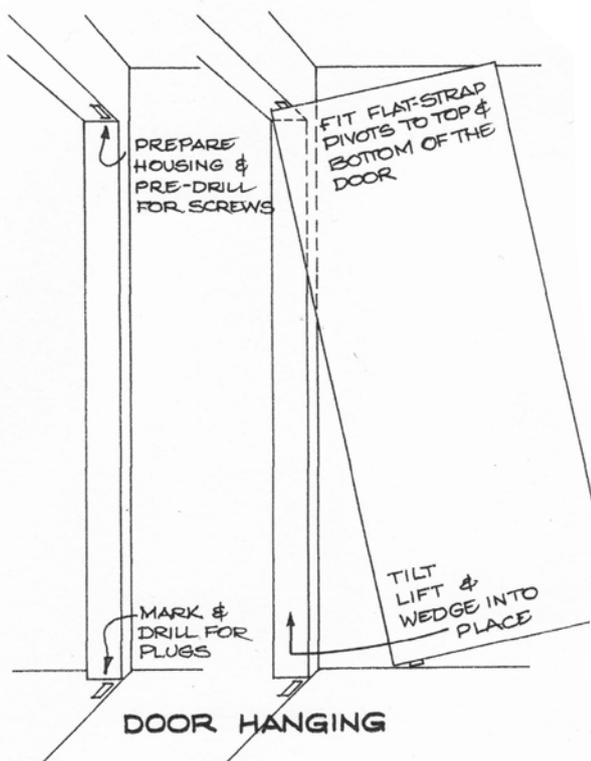
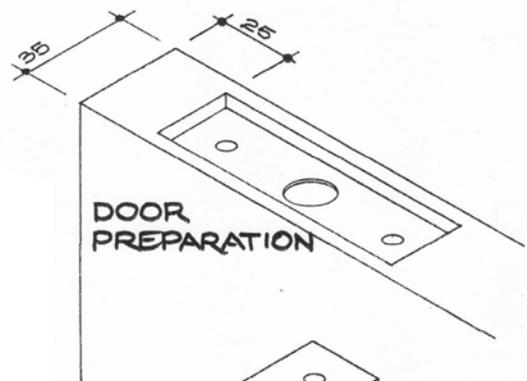
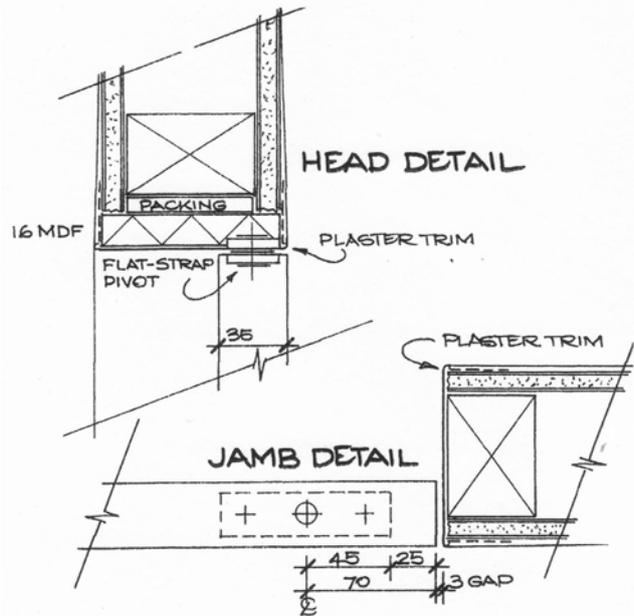
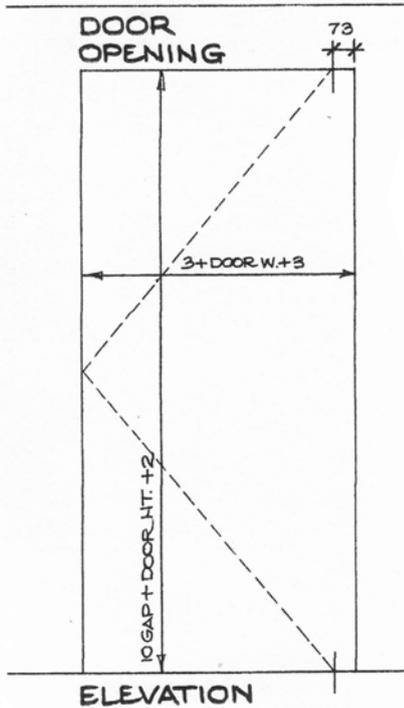
- Silver powder coated

#### NOTES

- Product Design: Howard Styles - Architect

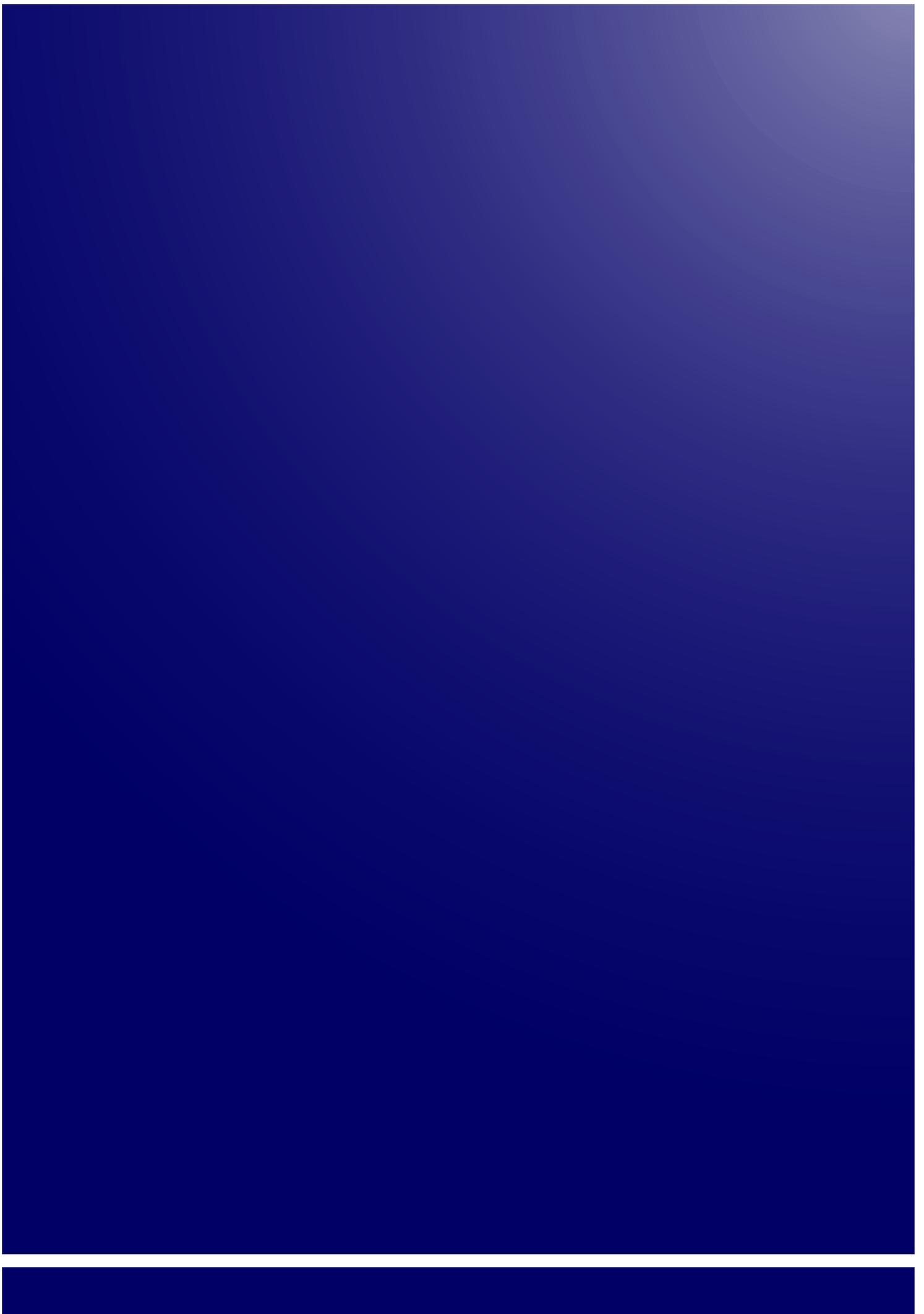
**Code No. P 436**

## ALUMINIUM PIVOT HINGES



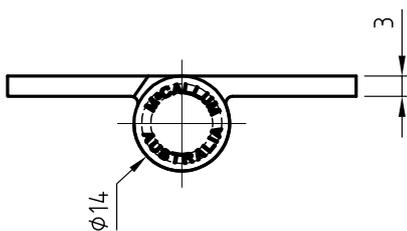
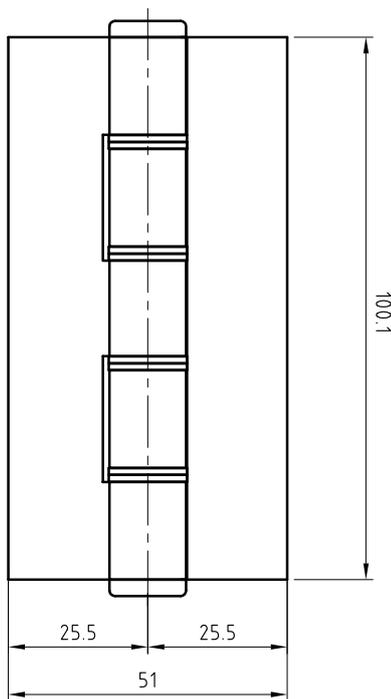
# BUTT HINGES





## ALUMINIUM CONCEALED BUTT HINGE

### Code No. A 140



#### APPLICATION

- Suitable for Aluminium doors and partitions in medium usage situations.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)

#### FIXING

- **Fastening screws not supplied.**
- Concealed fix.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- AB 4526

**Code No. A 140**

## CONCEALED HINGE INFORMATION

### Standard Application:

- The top hinge is 127mm down from the top of the door or panel.
- Bottom hinge 254mm from bottom edge of barrel to bottom of the door or panel.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges).
- The hinge is to be inserted into the inner section of the jamb and door extrusion to a depth of the hinge leaf. It should then be secured to the inner face of the frame with metal thread screws. This should also be done to the corresponding edges of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.

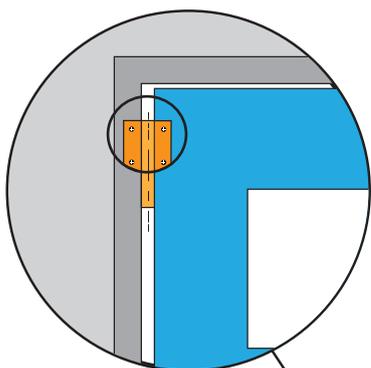


Insert and Fix In Place

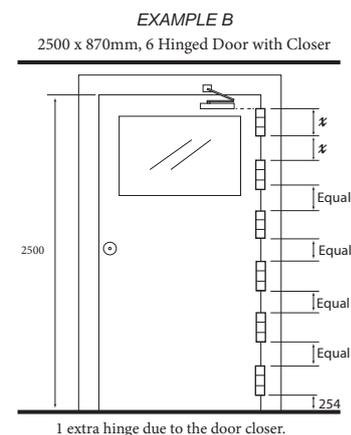
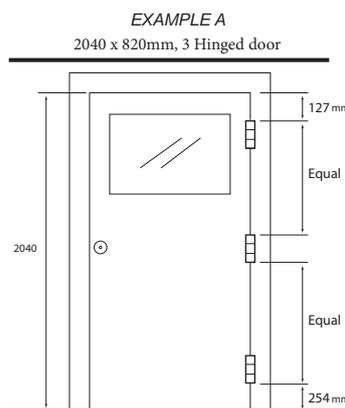
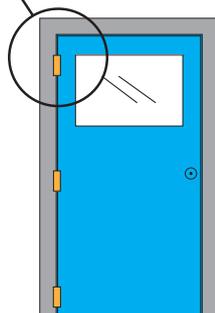
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.

Closed Door Top View



Mounted View



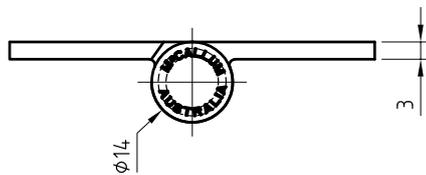
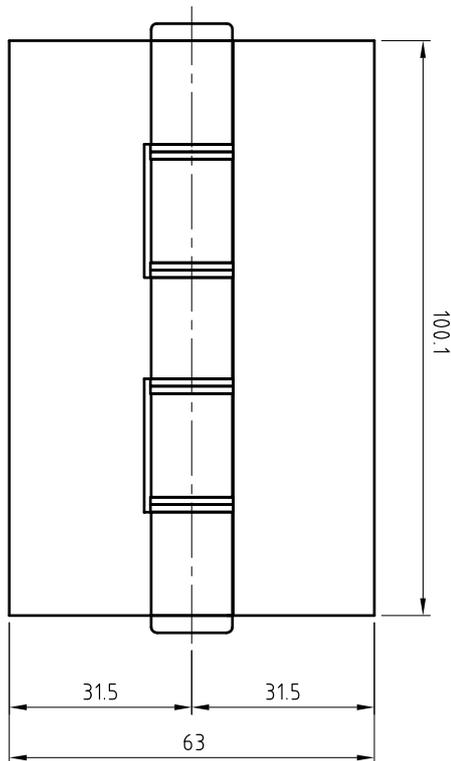
### Number of Hinges Required per Door Size

	820 - 900 mm (W)
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5

\*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.

## ALUMINIUM CONCEALED BUTT HINGE

### Code No. A 141



#### APPLICATION

- Suitable for Aluminium doors and partitions in medium usage situations.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)

#### FIXING

- **Fastening screws not supplied.**
- Concealed fix.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

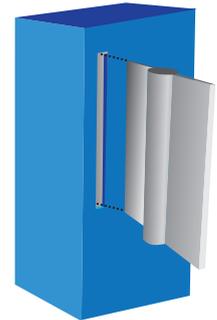
- AB 4532

**Code No. A 141**

## CONCEALED HINGE INFORMATION

### Standard Application:

- The top hinge is 127mm down from the frame rebate to top of the door.
- Bottom hinge 254mm from bottom edge of barrel to bottom of the door.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges). See Example Door A.
- The hinge is to be inserted into the inner section of the jamb and door extrusion to a depth of the hinge leaf. It should then be secured to the inner face of the frame with metal thread screws. This should also be done to the corresponding edges of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.

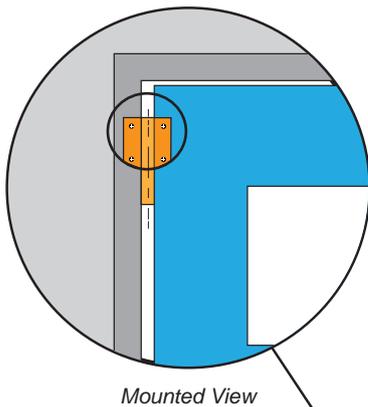


Insert and Fix In Place

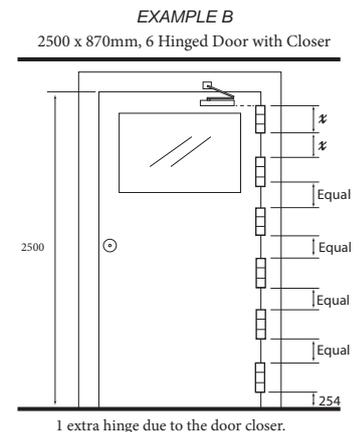
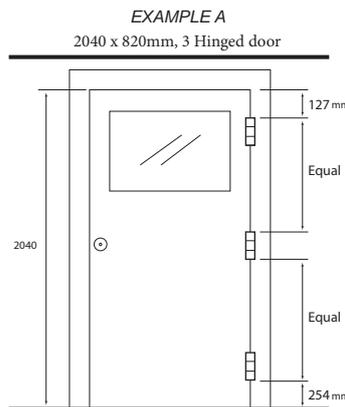
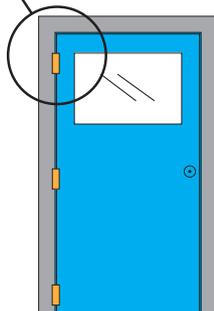
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.

Closed Door Top View



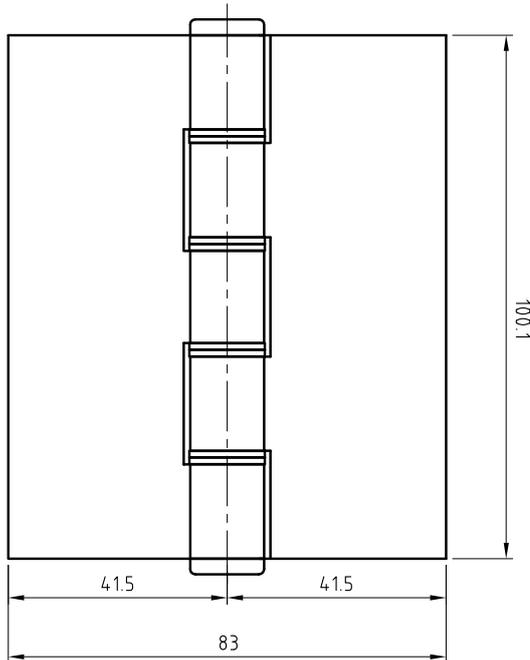
Mounted View



Number of Hinges Required per Door Size	
820 - 900 mm (W)	
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM CONCEALED BUTT HINGE

### Code No. A 142



#### APPLICATION

- Suitable for Aluminium doors in medium usage situations.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)

#### FIXING

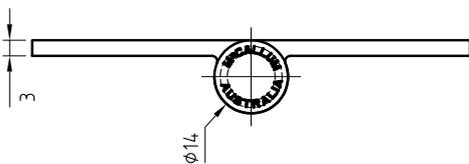
- **Fastening screws not supplied.**
- Concealed fix.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- AB 45

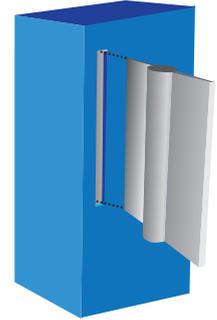


**Code No. A 142**

## CONCEALED HINGE INFORMATION

### Standard Application:

- The top hinge is 127mm down from the frame rebate to top of the door.
- Bottom hinge 254mm from bottom edge of barrel to bottom of the door.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges). See Example Door A.
- The hinge is to be inserted into the inner section of the jamb and door extrusion to a depth of the hinge leaf. It should then be secured to the inner face of the frame with metal thread screws. This should also be done to the corresponding edges of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.

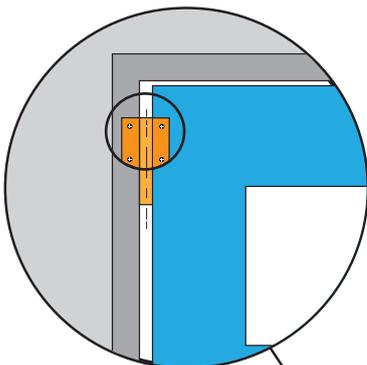


Insert and Fix In Place

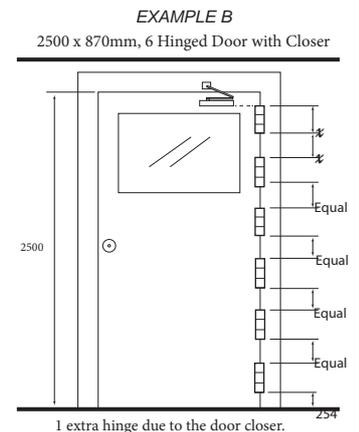
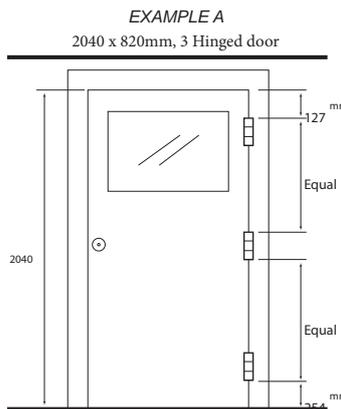
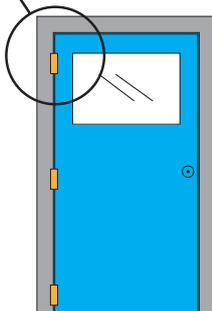
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B

Closed Door Top View



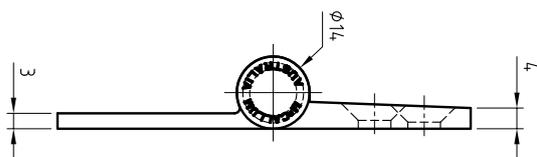
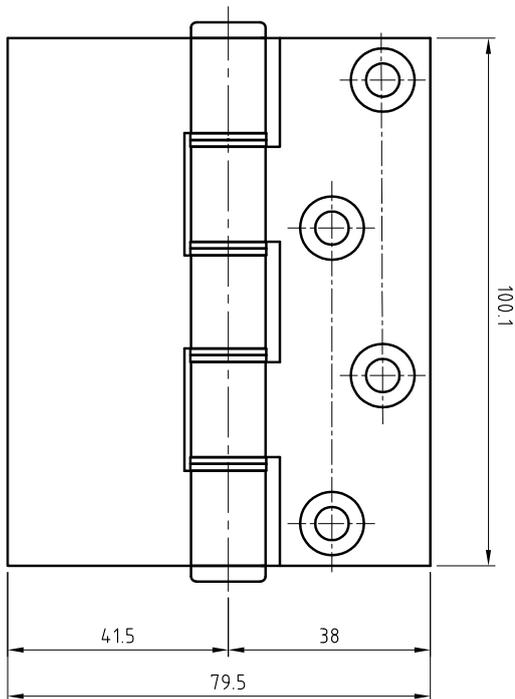
Mounted View



Number of Hinges Required per Door Size	
820 - 900 mm (W)	
2100 mm (H)	3
2300 mm (H)	4
2500 mm (H)	5
*All information is regarded as generic unless specified in writing by us. Contact us for custom sizes and further information.	

## ALUMINIUM COMBINATION BUTT HINGE

### Code No. A 143



#### APPLICATION

- Suitable for attaching Timber doors to aluminium jamb.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage, a fourth hinge may be required.
- Standard Door: 2040 (h) x 820 (W)

#### FIXING

- **Fastening screws not supplied.**
- Concealed fix.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- AB 4550

**Code No. A 143**

## CONCEALED HINGE INFORMATION

### Standard Application:

- The top hinge is 127mm down from the frame rebate to top of the door.
- Bottom hinge 254mm from bottom edge of barrel to bottom of the door.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges). See Example Door A.
- The hinge is to be inserted into the inner section of the jamb and door extrusion to a depth of the hinge leaf. It should then be secured to the inner face of the frame with metal thread screws. This should also be done to the corresponding edges of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.

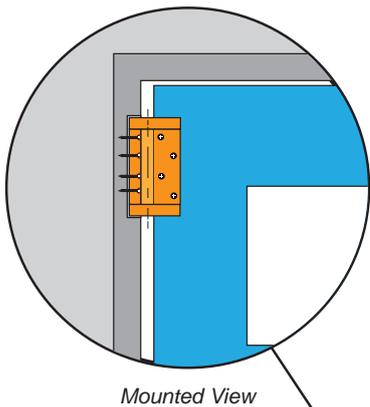
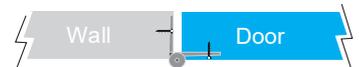


Insert and Fix In Place

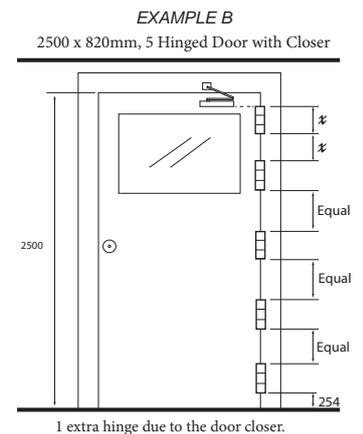
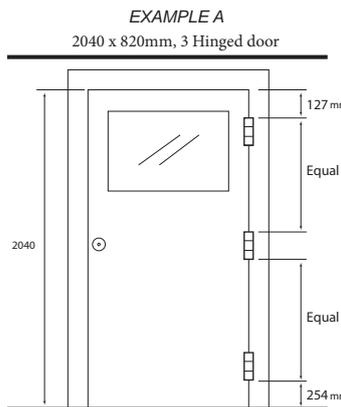
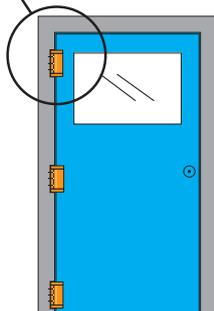
### With Door Closer:

- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.

Closed Door Top View



Mounted View



### Number of Hinges Required per Door Size

	820 - 900 mm (W)
2100 mm (H)	3
2300 mm (H)	3
2500 mm (H)	4

\*All information is regarded as generic unless specified in writing by us.  
 Contact us for custom sizes and further information.

## ALUMINIUM DOOR & WINDOW BUTT HINGE

**Code No. A 146**

### APPLICATION

- Suitable for attaching Aluminium doors and windows to aluminium frames.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.

### FIXING

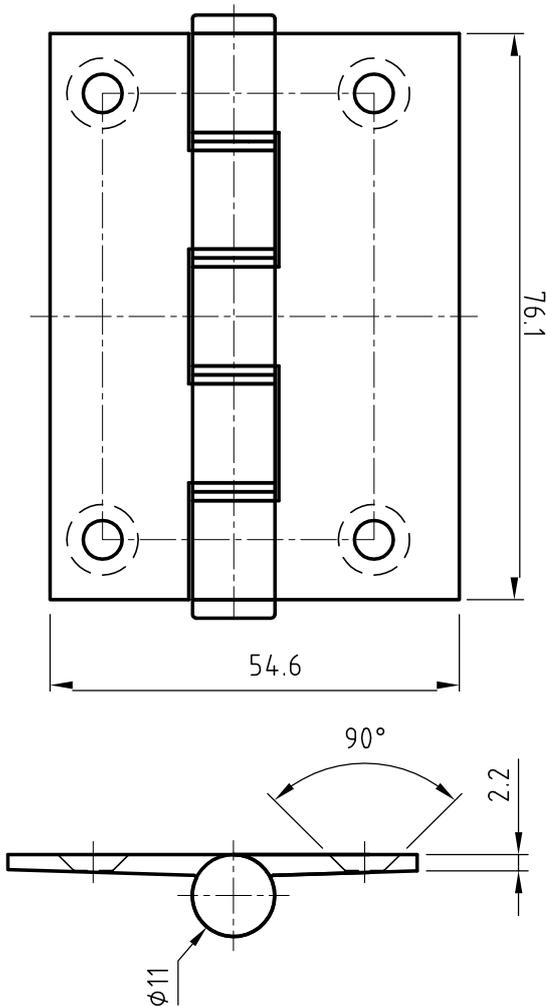
- **Fastening screws not supplied.**
- Pop rivets are not recommended.

### FINISH

- Satin Natural Anodised only.

### OLD CODE NO.

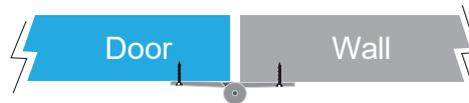
- AB 46 A



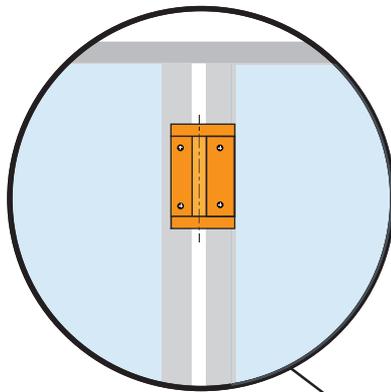
**Code No. A 146**

## SURFACE MOUNTED HINGE INFORMATION

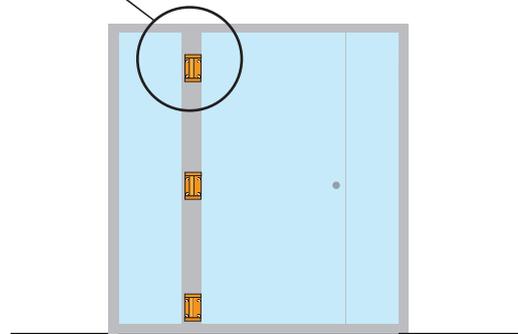
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*Closed Door Top View*



*Mounted View*



*Aluminium Frame*

## ALUMINIUM BUTT HINGE

### Code No. A 150

#### APPLICATION

- Suitable for attaching Timber doors to timber jamb.
- May be used with a specifically prepared aluminium jamb with mounting plates.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4.7mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.
- **Maximum Weight Capacity:** 20 kg (turn over for further information)

#### INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 32mm**
- When using a door closer, we recommend a minimum of 3 hinges be used, with the top hinge located as high as possible. For excessive usage a fourth hinge may be required.
- Standard Door: 2040 (H) x 820 (W)

#### FIXING

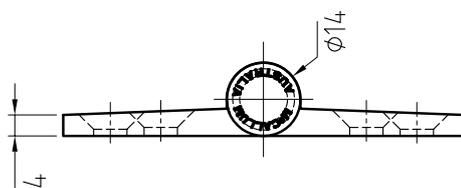
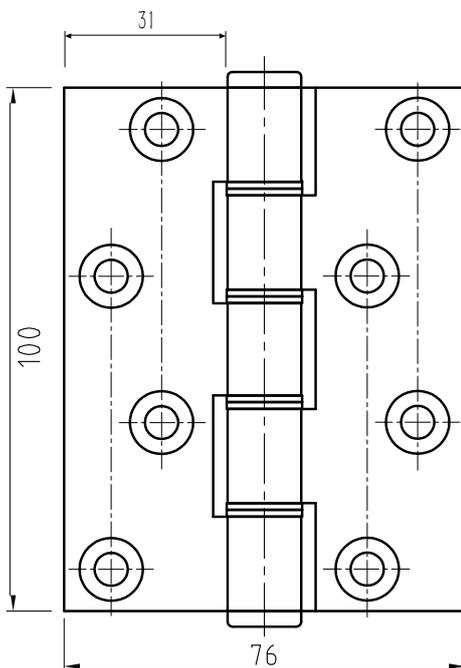
- **Fastening screws not supplied.**
- 12 gauge stainless steel screws are recommended.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- AB 50

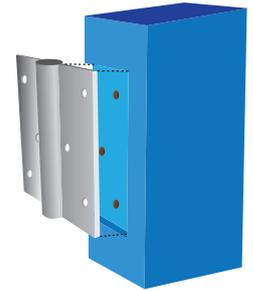


**Code No. A 150**

## RECESS MOUNTED HINGE INFORMATION

### Standard Application:

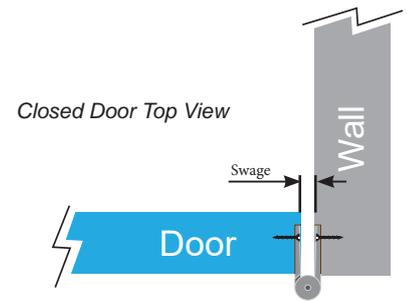
- The top hinge is 127mm down from the frame rebate to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges).
- See Example Door A.
- The hinge is to be recessed into the frame door to a depth equal to the thickness of the hinge leaf. This should also be done to the edge of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.



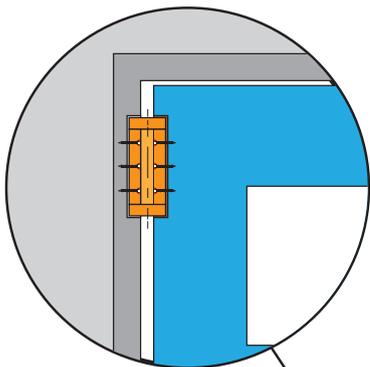
Recess, Pre-drill and Mount

### With Door Closer:

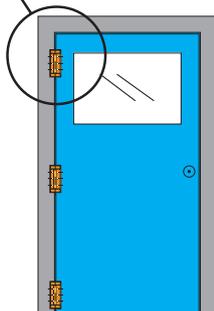
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.



Closed Door Top View

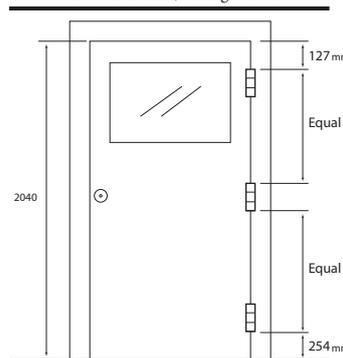


Mounted View



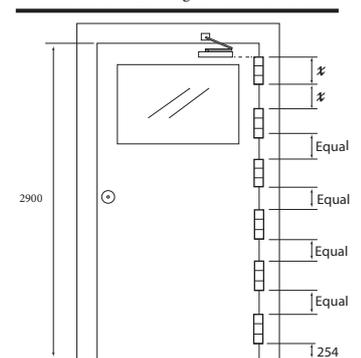
EXAMPLE A

2040 x 829mm, 3 Hinged door



EXAMPLE B

2900 x 870mm, 6 Hinged Door with Closer



1 extra hinge due to the door closer.

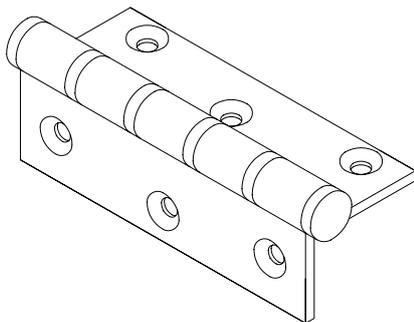
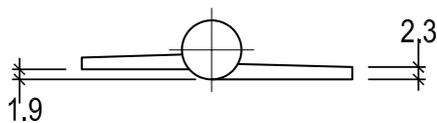
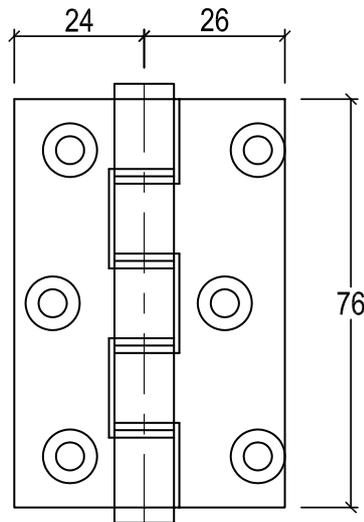
### Number of Hinges Required per Door Size

	820 - 900 mm (W)
2100 mm (H) to 2300 mm (H)	3
2500 mm (H) to 2700 mm (H)	4
2900 mm (H)	5

\*All information is regarded as generic unless specified in writing by us.  
 Contact us for custom sizes and further information.

## ALUMINIUM CABINET BUTT HINGE

### Code No. A 151



#### APPLICATION

- Suitable for control cabinet doors.

#### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.

#### FIXING

- **Fastening screws not supplied.**
- Minimum door thickness is 17mm.
- Pop rivets are not recommended.

#### FINISH

- Satin Natural Anodised only.

#### OLD CODE NO.

- AB 51

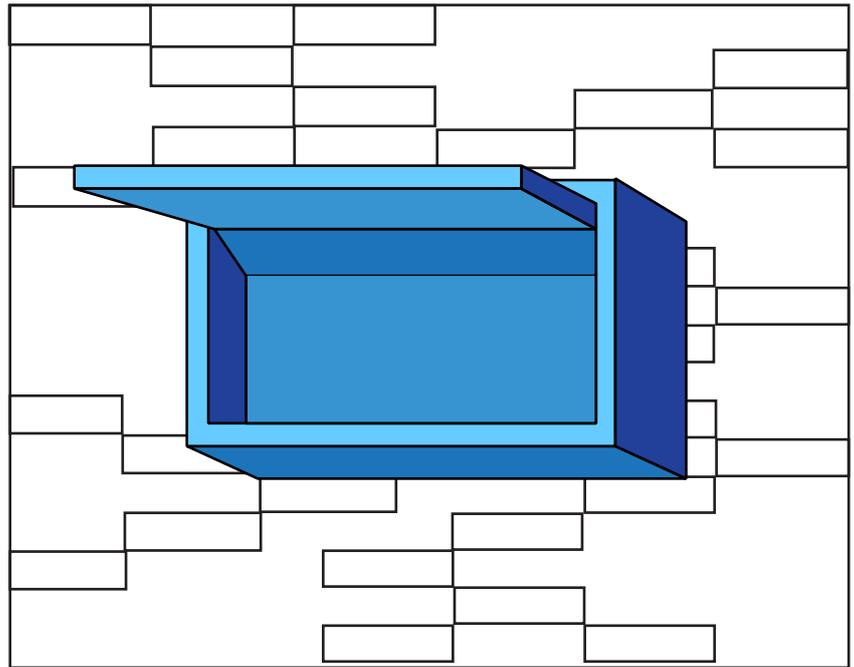
**Code No. A 151**

## RECESS MOUNTED HINGE INFORMATION

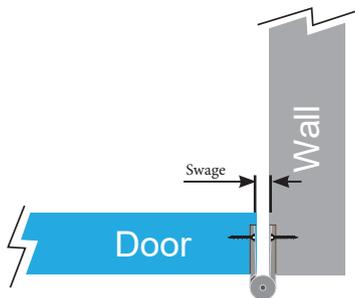
---



*Recess, Pre-drill and Mount*



*Control Cabinet*



*Closed Door Top View*

## ALUMINIUM WINDOW & SHOWER SCREEN BUTT HINGE

**Code No. A 170**

### APPLICATION

- Suitable for Aluminium windows and frames.
- Suitable for some shower screen installations.

### SPECIFICATION

- **Alloy:** High strength T.6 minimum tensile 254 mpa.
- **Pin Dia:** 4mm 304 Stainless Steel with machined chamfer both ends.
- **Bushes:** Flanged nylon.
- **Knuckle:** Round
- **Aluminium Endcaps:** Pressed-in interference fit.

### FIXING

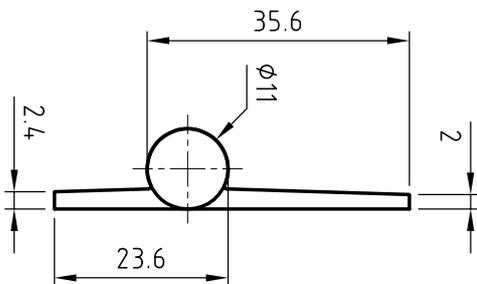
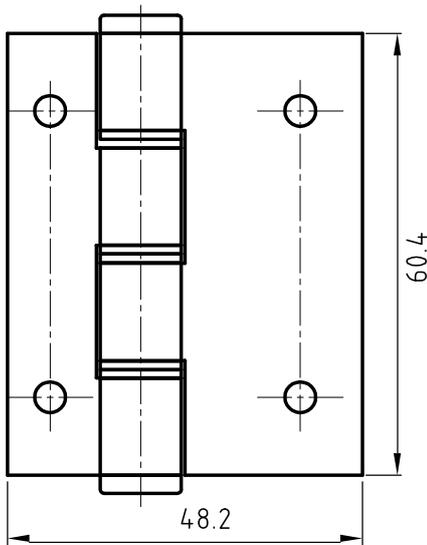
- **Fastening screws not supplied.**
- Pop rivets are not recommended.

### FINISH

- Satin Natural Anodised only.

### OLD CODE NO.

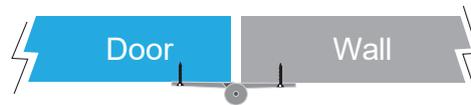
- AB 70



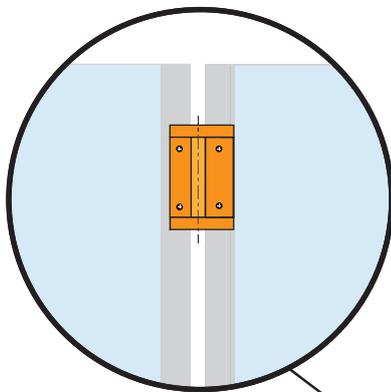
**Code No. A 170**

## RECESS MOUNTED HINGE INFORMATION

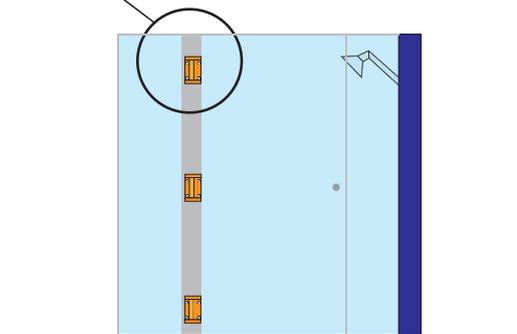
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*Closed Door Top View*

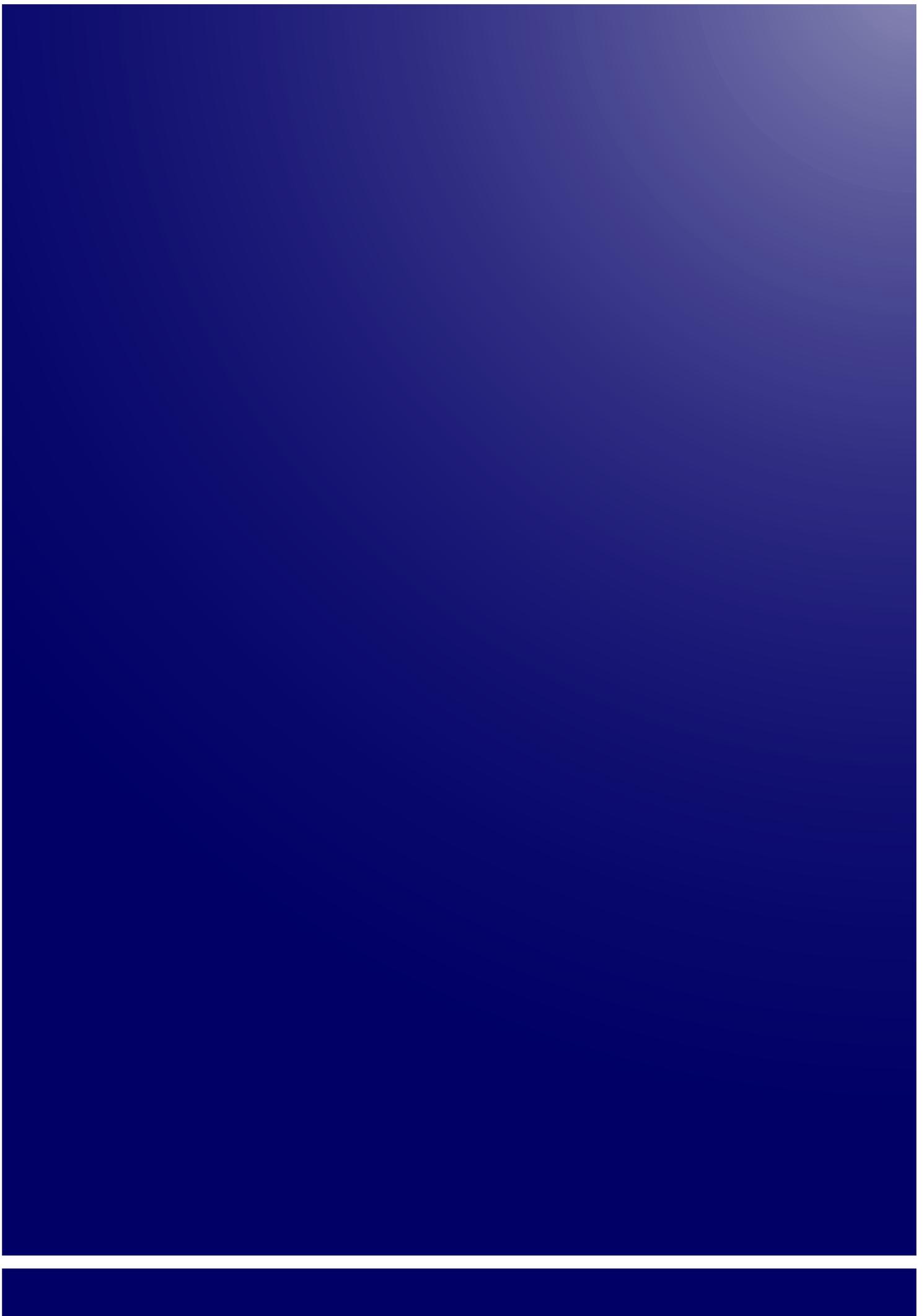


*Mounted View*



*Shower Screen Hinge*

# HINGE KITS



## ALUMINIUM HINGE KITS

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### HINGE KITS AVAILABLE

- 4 Series: A104, A114 (A104 MF), A124 (A104 SF) & A154 (A104 WF).
- 5 Series: A105 (A105 T), A115 (A105 MF) & A155 (A105 MWTF).
- 6 Series: A167 (A67 F) & A168 (A67 RTF).
- 7 Series: A107 (A107 RLF) & A117 (A107 RF).
- Interfold: A174 (A74HBF).

### FINISH

- Supplied in vibrated mill finish Aluminium. Suitable for anodised or powder coated finishes.

### ASSEMBLY

- Care should be taken when assembling the endcaps to the hinges. It is important that the endcaps be “pressed on” squarely and not “driven or impacted” by a hammer.



## ALUMINIUM HINGE KITS



**MCCALLUM**  
AUSTRALIA

*Quality Hinges Since 1939*

PHOTO: HD WALLPAPERS

August 2016