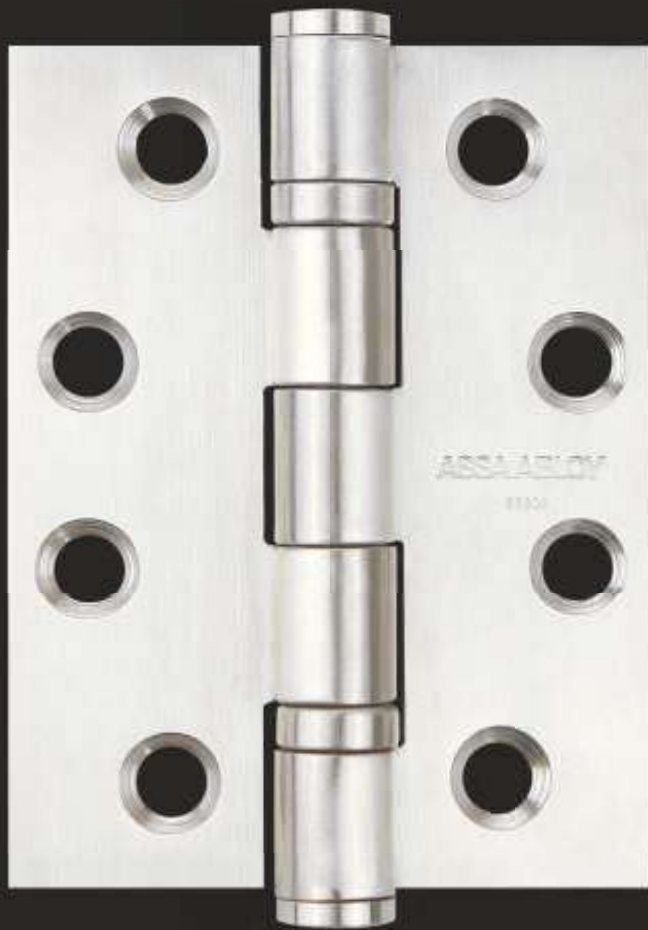


ASSA ABLOY Door Hinges

Features & Benefits



Door Hinges

Key features :

- Standard template hole pattern
- Available grade SS 304
- Fire rated
- 200,000 cycles tested
- Compliant to BS EN 1935

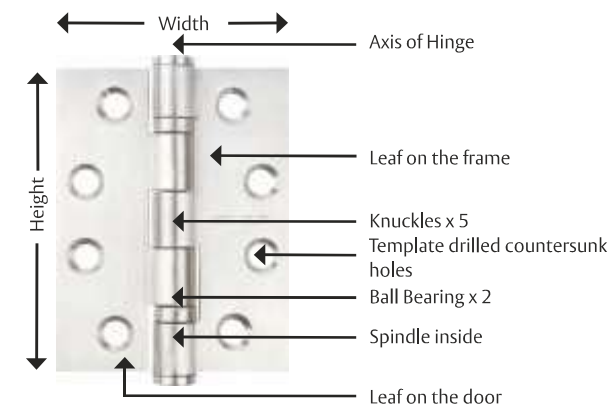
Key features :

- Suitable for Interior and Exterior doors (Wooden & Metal)
- High corrosion resistance
- Suitable for fire rated doors
- High durability
- Friction resistance



Technical details:

- Manufactured from high grade stainless steel
- Easily seated pin that will not rise during normal use
- Available hinges -
 1. Ball Bearing hinge
 2. Lift Off hinge
 3. Concealed hinge
- ASSA ABLOY hinges are suitable for high traffic doors and commercial applications
- Suitable for door weight up to 120 kg



Hinges

ASSA ABLOY

Experience a safer
and more open world

*Note: Some of the abovementioned features may not be applicable for all models of hinges.
CE Marking and fire Rating is applicable for only Stainless Steel SS 304 Grade Ball Bearing hinges.

Ball Bearing Hinges
Specifications

Application:
There are a few variables which must be considered and guidelines to be observed, in order to determine hinge selection for individual doors. It is recommended that the guidelines contained in this catalogue are followed. When reading dimensions, the first figure always indicates the height and the second indicates the width and the third indicates the thickness.
e.g. 102mm x 76mm x 3mm

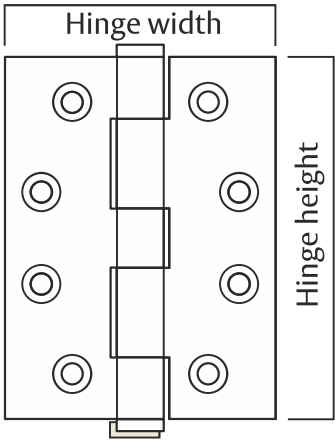
Hinge height:
The appropriate hinge height for any job is dependent upon the door width, thickness and weight. The height of the hinge is the length of the flap, not including the tips of the pin, as shown in the below diagram.

Number of hinges per door:
The following quantity of hinges are recommended for the given door heights

- Two hinges - Up to 1514mm
- Three hinges - 1514mm - 2286mm
- Four hinges - 2286mm - 3048mm

Note:

- For each additional 762mm (30") add one hinge.

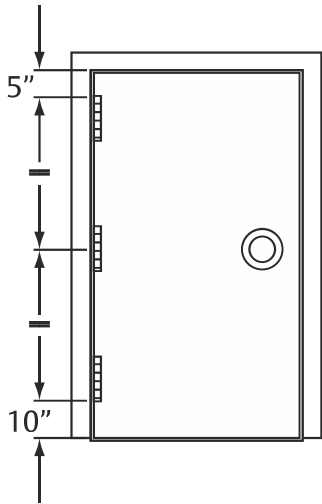


Fixing screws:
Each butt hinge is supplied with the appropriate sized wood screws. Metal door screws are optional

- 8 Gauge screws for 76mm width hinges
- 10 Gauge screws for 102mm and greater width hinges

Hinge width:
The door thickness and door jamb width (also trim size if applicable) determine the width of the hinge required. The width is measured across the leaves when the hinge is fully opened as shown in the below diagram.

Finishes:
Satin Stainless Steel - SSS



Ball Bearing Hinges

Model no.: AH2BB-01, AH2BB-02, AH2BB-02-MS, AH2BB-03, AH2BB-04, AH2BB-05

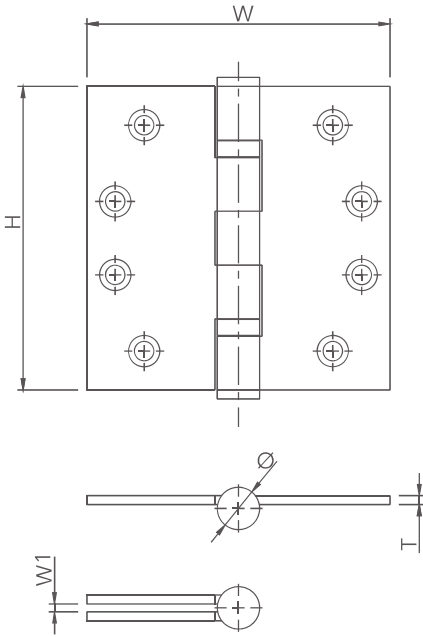
Description:
AH2BB-01 (102 x 76 x 2.5) - 2 Ball Bearing Button Tipped SS 304
AH2BB-02 (102 x 76 x 3.0) - 2 Ball Bearing Button Tipped SS 304
AH2BB-02-MS (4.0 x 3.0 x 3.0) - 2 Ball Bearing Button Tipped SS 304, (METAL SCREW)
AH2BB-03 (127 x 76 x 3.0) - 2 Ball Bearing Button Tipped SS 304
AH2BB-04 (127 x 89 x 3.0) - 2 Ball Bearing Button Tipped SS 304
AH2BB-05 (127 x 102 x 3.0) - 2 Ball Bearing Button Tipped SS 304



Ball Bearing Hinges

Hinge Size (mm):

Height	Width	Thickness	Grade
102	76	2.5	SS304
102	76	3.0	SS304
127	76	3.0	SS304
127	89	3.0	SS304
127	102	3.0	SS304
102	102	3.0	SS304

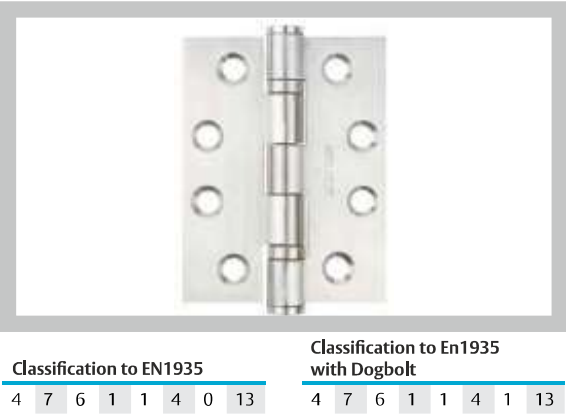


Ball Bearing Hinges

Model no.: AAH303, AAH304, AAH305, AAH306
AAH307, AAH310, AAH314D, AAH315D, AAH316D

- Description:**
- Ball bearing race ideal for improved quality
 - Square corners
 - 304 stainless steel provides improved corrosion resistance
 - Also available in Grade Ss316 upon request
 - Available with template or congruent (zigzag) fixing pattern: please specify requirement on order
 - Available with timber (W) or metal (M) door fixing: please specify requirement on order
 - Dog bolt hinges for additional security (D)
 - 2ball bearing hinges

- Description:**
- EN 1935:2002 performance-tested to 200,000 cycles on 120kg door mass
 - Grade 13



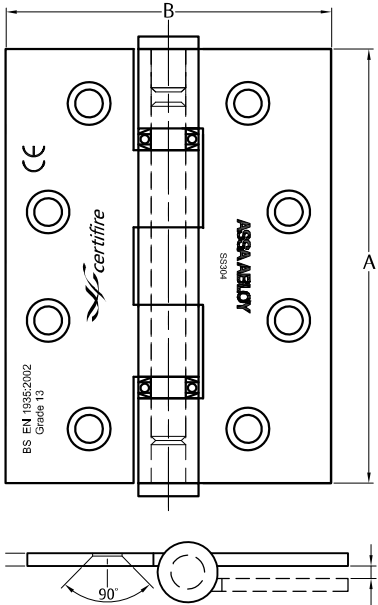
Hinge Size (mm):

Model No.	Height	Width	Thickness
AAH303	102	76	3.0
AAH304	102	102	3.0
AAH305	102	89	3.0
AAH306	127	76	3.0
AAH307	114	102	3.4
AAH310	114	114	3.4
AAH314D	102	76	3.0
AAH315D	102	89	3.0
AAH316D	102	102	3.0

* are not approved for timber doors

Note: The hinge must be bedded onto a 2mm thick intumescent behind both blades when fixed to a timber door

- SSS :- Satin Stainless Steel

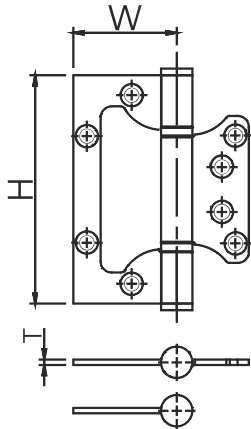


Flush Hinge

Model No.: AA-FH-01

Description: Stainless Steel Flush hinge

Model No.	L	W	T	Door Mass
AA-FH-01	101	79	2.5	40 kg



3D Adjustable Concealed Hinge

AA-3CH-01
AA-3CH-02

Model No.: AA-3CH-01, AA-3CH-02

- Description:**
- 3D adjustable concealed hinge
 - Application: For wooden frames, for flush wooden interior doors
 - Door thickness: $\geq 35\text{mm}$; Opening angle: $< 180^\circ$
 - Door weight: AA-3CH-01-40 kg with 2 hinges, AA-3CH-02-60 kg with 2 hinges
 - Door width: AA-3CH-01- $\leq 900\text{mm}$, AA-3CH-02- $\leq 900\text{mm}$
 - Adjustment feature: Continuously 3D Adjustable - height, side and closing pressure $\pm 1\text{mm}$



3D Adjustable Concealed Hinge

AA-3CH-03
AA-3CH-04
AA-3CH-04-A

Model No.: AA-3CH-03, AA-3CH-04, AA-3CH-04-A

- Description:**
- 3D adjustable concealed hinge
 - Application: For wooden/steel/aluminium frames
 - Door thickness: $> 40\text{mm}$; Opening angle: $< 180^\circ$
 - Door weight: AA-3CH-03-80 kg with 2 hinges, AA-3CH-04-120 kg with 2 hinges
 - Door width: AA-3CH-03- $\leq 1000\text{mm}$, AA-3CH-04- $\leq 1000\text{mm}$
 - Adjustment feature: AA-3CH-03- Continuously 3D adjustable height, side $\pm 3.0\text{mm}$ and closing pressure $\pm 1\text{mm}$, AA-3CH-04- (side $\pm 3.5\text{mm}$)

