

Architectural Hardware

PRODUCT CATALOGUE

2025

- DOORPLUS HARDWARE CO.,LTD -

DOORPLUS HARDWARE CO.,LTD

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ABOUT US

DOORPLUS Hardware Co.,Ltd is a manufacturer and supplier of architectural hardware to the construction industry,is located at Jiangmen city,Guangdong province in China Near HK and Macao.Doorplus products are both durable and versatile.

The Doorplus quality range of Architectural Hardware includes door hinge,door lever handles,pull handles,door stoppers,series of door-used hardware and small size metal components,etc.

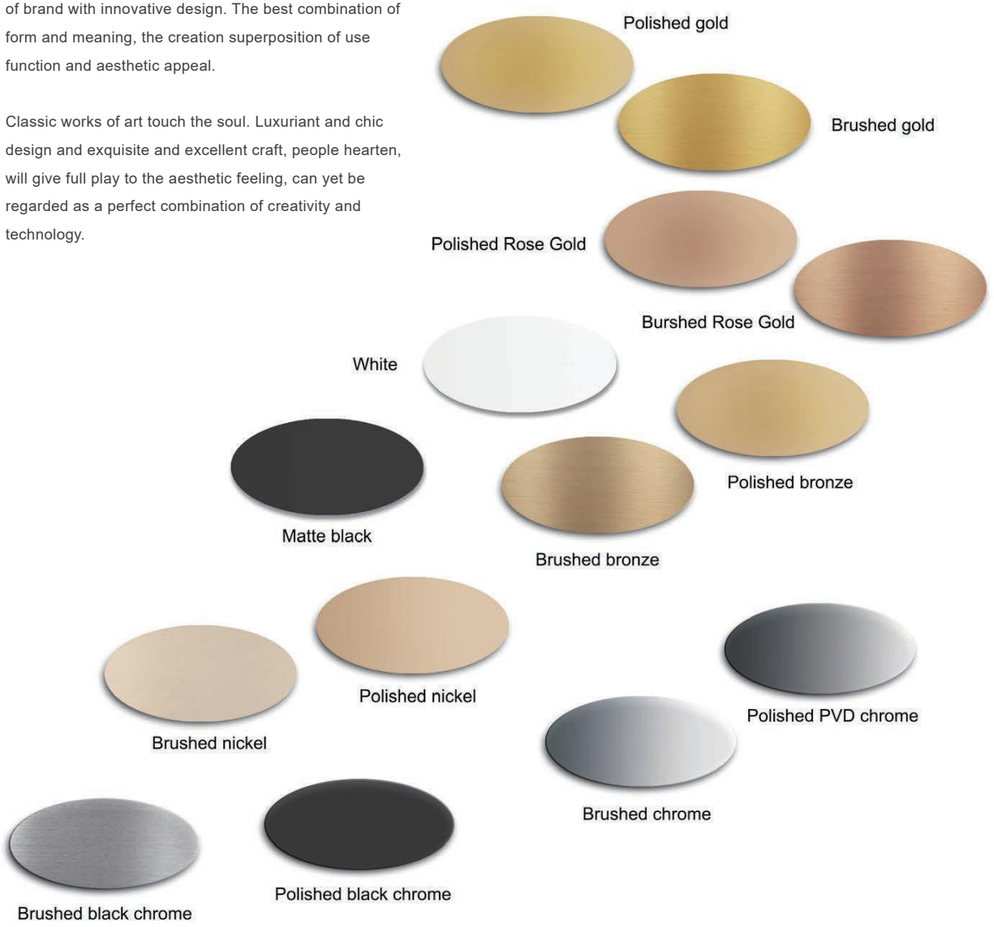
Our focus on customers service,high quality and competitive price,which leading our goods are popular in Europe,Southeast Asia,Middle-East and other countries abroad.Doorplus extensive range of Architectural Hardware products offers a well-priced package of functionality and style.

ABOUT
FINISH

Color power is introduced in design, a day is enlightened through this colorful combination which reflects passion for life.

Each piece is a re-creation of art, leading the same kind of brand with innovative design. The best combination of form and meaning, the creation superposition of use function and aesthetic appeal.

Classic works of art touch the soul. Luxuriant and chic design and exquisite and excellent craft, people hearten, will give full play to the aesthetic feeling, can yet be regarded as a perfect combination of creativity and technology.



CERTIFICATE



Lever Handle



Door Cylinder



Door Hinge



Lever Handle



Fire-Exit Hardware



Panic Hardware



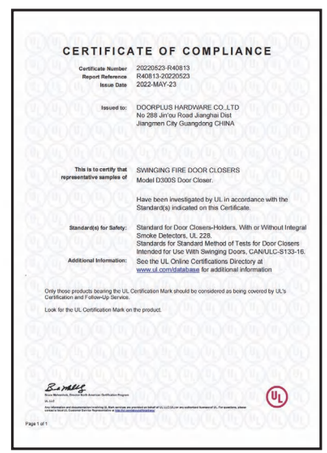
Door closer



Door closer



Door closer



Door closer



Door closer



Door closer

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Door hinge



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BS EN 1935 : 2002

BS EN 1935 : 2002 Single axis hinges

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

This European standard specifies requirements for single-axis hinges of lift-off or fixed-pin type for windows and doors opening only in one direction whose rotation axis is no more than 30mm from the face of the sash or door. The windows and doors may or may not be fitted with closing devices.

Under the standard each product is tested and classified accordingly to show its compliance. The identification of an 8-digit code is visible on the individual product. Each digit represents a category and how it measured against the standard to which it was tested.

Digit 1 - Category of use

Four categories of duty are used:

Category 1: light duty.

Category 2: medium duty.

Category 3 – heavy duty.

Category 4 – severe duty

Digit 2 – Durability

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

Grade 3: 10,000 test cycles, for light duty hinges on windows.

Grade 4: 25,000 test cycles, for light duty hinges on windows and doors.

Grade 7: 200,000 test cycles, for medium, heavy and severe duty hinges on doors only.

Digit 3 – Test door mass

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

Test Door Mass Grade	Door Mass
0	10kg
1	20kg
2	40kg
3	60kg
4	80kg
5	100kg
6	120kg
7	160kg

Digit 4 - Suitability for use on fire/smoke doors

Two grades of suitability are identified

Grade 0 - not suitable for fire/smoke resistance door assemblies.

Grade 1 - Suitable for use on fire / smoke resistant door assemblies subject to satisfactory assessment of the contribution of the hinges to the fire resistance of the specified fire / door assemblies.

Digit 5 – Safety

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

Digit 6 - Corrosion Resistance

Five grades of corrosion resistance are identified in accordance with EN1670:

Grade 0: no defined corrosion resistance

Grade 1: mild resistance.

Grade 2: moderate resistance.

Grade 3: high resistance.

Grade 4: very high resistance.

Digit 7 – Security

Two grades of security are identified for single-axis hinges

Grade 0: no security.

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

Digit 8 - Hinge grade

Fourteen grades are identified as detailed in the table below.

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

BS EN 1935 : 2002

Example

4	7	6	1	1	4	0	1	3

The above code signifies a single-axis hinge for use in severe duty situations, tested to 200,000 cycles, for use on doors with a mass up tod 120kg, with stated fire door suitability, high corrosion resistance, suitabled for burglar-resistant doors, and with a hinge grading of 13.

Product Marking

This standard requires that each single-axis hinge manufactured to the standard be marked with the following:

a: manufacturer's name or trademark, or other means of identification.

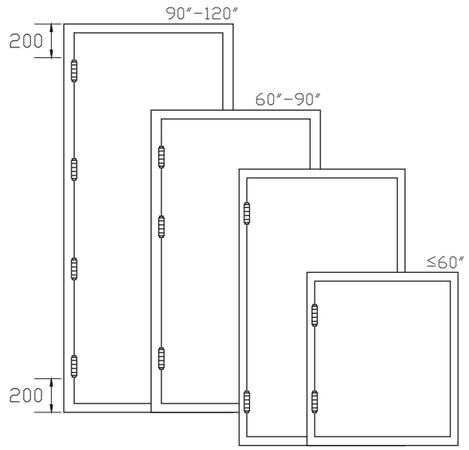
b: the hinge grade.

c: number of this European standard.

CE

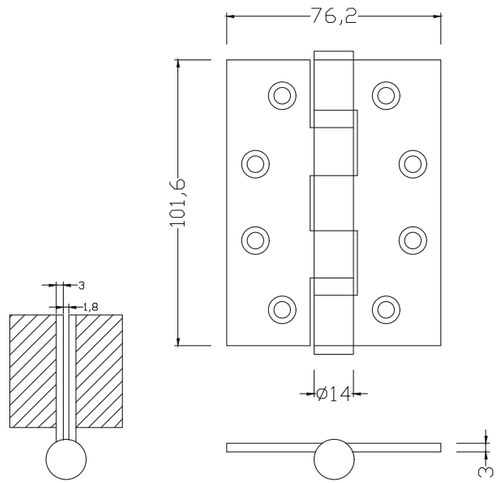
Recommendation: 3 Pieces Per Door

- 1.2mm thickness Hinges: 10-15 kgs Per Door
- 1.5mm thickness Hinges: 15-25 kgs Per Door
- 2.0mm thickness Hinges: 25-40 kgs Per Door
- 2.5mm thickness Hinges: 40-60 kgs Per Door
- 3.0mm thickness Hinges: 60-80 kgs Per Door
- 3.4mm thickness Hinges: 80-120 kgs Per Door
- 4.0mm thickness Hinges: 120-150 kgs Per Door
- 4.5mm thickness Hinges: 150-200 kgs Per Door



40003





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40003	4	3	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

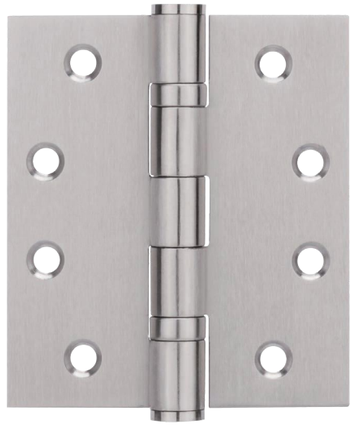
Product description

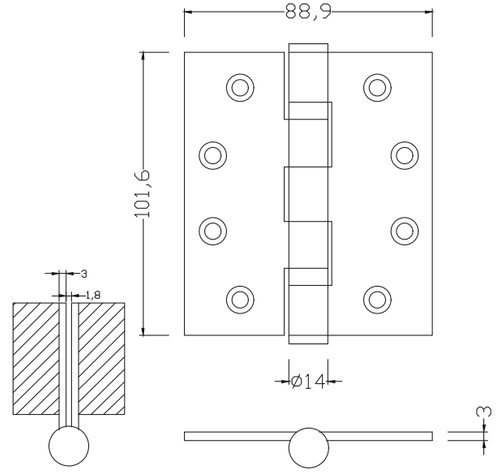
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	4 x 3
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

40005





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40005	4	3.5	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

Product description

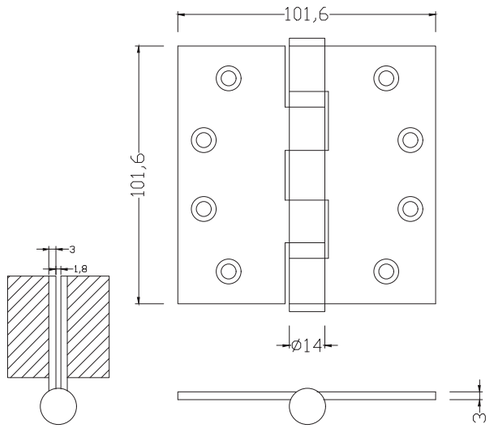
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	4 x 3.5
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

40007





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40007	4	4	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

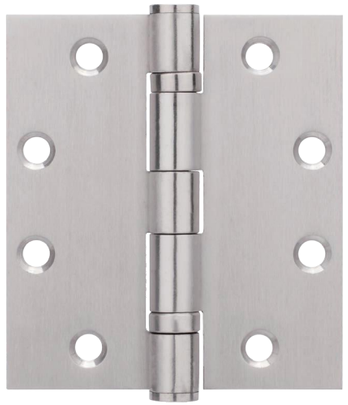
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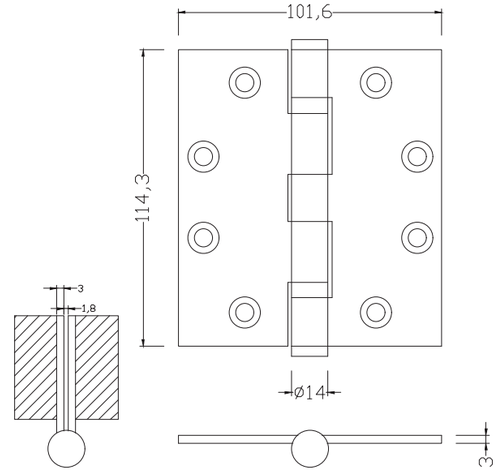
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	4 x 4
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

40009





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40009	4.5	4	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

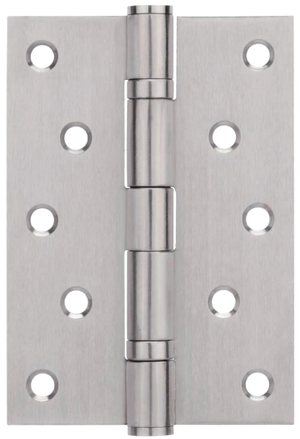
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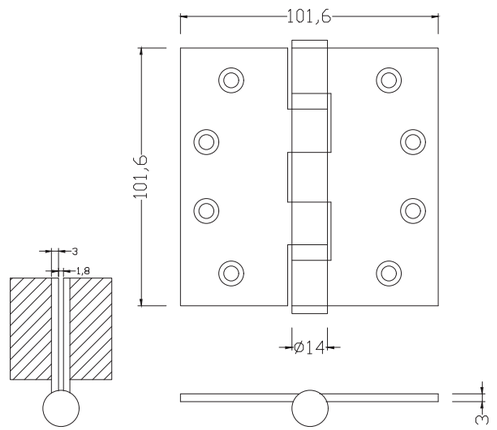
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	4.5 x 4
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

40019





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40019	5	3.5	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

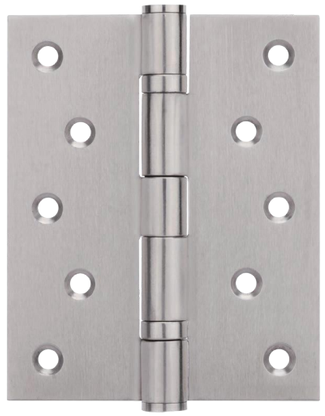
Product description

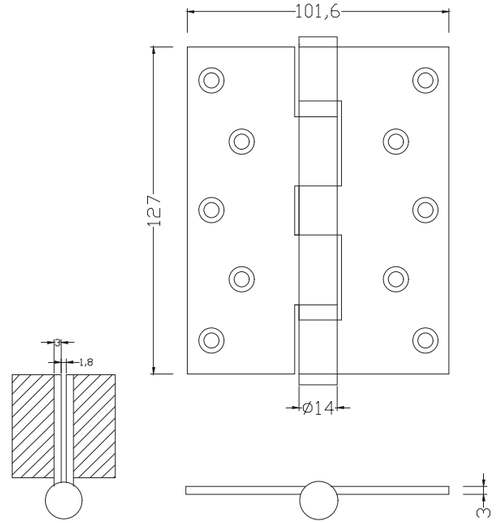
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	5 x 3.5
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

40020





EN 1935 | CE 0905 | 260 min Steel Door | 20W Cycles Tested

NO.	Size			
	Height (inch)	Width (inch)	Thickness (mm)	BB
40020	5	4	3	2

CE DOOR HINGES CLASS								
4	7	6	1	1	4	0	1	3

Product description

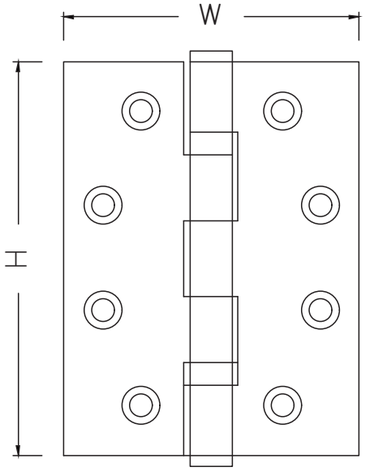
- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity toall the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 80kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cutintumescent hinge pads available

Data and Features	RHS2BFR
Size in inch (Height x Width)	5 x 4
Thickness in millimeter	3
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

2BB





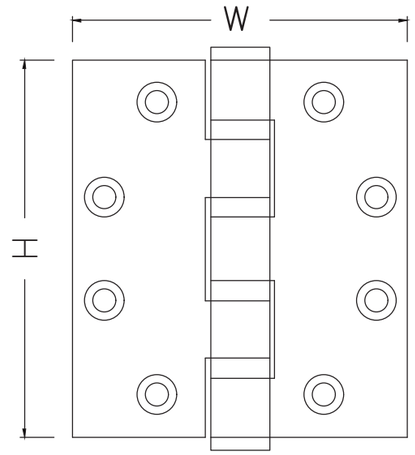
NO.	Size			
	Height （inch）	Width （inch）	Thickness （mm）	BB
40001-2BB	4	3	2	2
40002-2BB	4	3	2.5	2
40003-2BB	4	3	3	2
40005-2BB	4	3.5	3	2
40006-2BB	4	4	2.5	2
40007-2BB	4	4	3	2
40009-2BB	4.5	4	3	2
40010-2BB	4.5	4	3.5	2
40012-2BB	4.5	4	4	2
40013-2BB	4.5	4.5	3.5	2
40014-2BB	4.5	4.5	4.5	2
40015-2BB	5	3	2.5	2
40016-2BB	5	3	3	2
40018-2BB	5	3.5	2.5	2
40019-2BB	5	3.5	3	2
40020-2BB	5	4	3	2
40021-2BB	5	4	3.5	2
40022-2BB	5	4	4	2
40023-2BB	6	4	4	2
40024-2BB	6	4.5	4	2

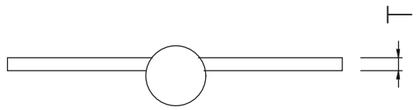
Data and Features	RHS2BFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (2BB)	•
Butt hinge tested to BS EN 1935	•
CE mark for building products	•
Butt hinge tested to Certifire	•
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

4BB







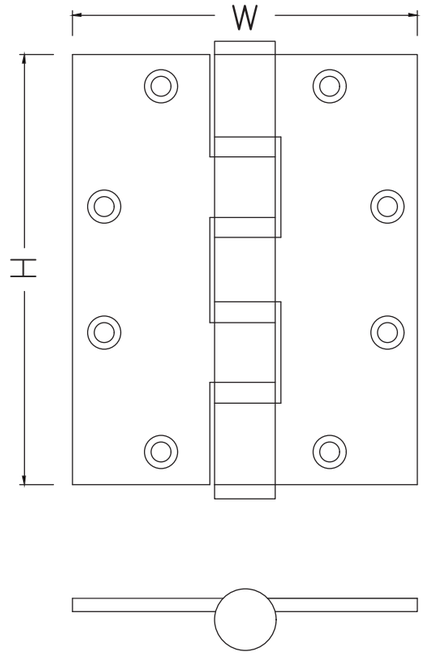
NO.	Size			
	Height （inch）	Width （inch）	Thickness （mm）	BB
400014BB	4	3	2	4
400024BB	4	3	2.5	4
400034BB	4	3	3	4
400054BB	4	3.5	3	4
400064BB	4	4	2.5	4
400074BB	4	4	3	4
400094BB	4.5	4	3	4
400104BB	4.5	4	3.5	4
400124BB	4.5	4	4	4
400134BB	4.5	4.5	3.5	4
400144BB	4.5	4.5	4.5	4
400154BB	5	3	2.5	4
400164BB	5	3	3	4
400184BB	5	3.5	2.5	4
400194BB	5	3.5	3	4
400204BB	5	4	3	4
400214BB	5	4	3.5	4
400224BB	5	4	4	4
400234BB	6	4	4	4
400244BB	6	4.5	4	4

Data and Features	RHS2BFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing (4BB)	•
Butt hinge tested to BS EN 1935	
CE mark for building products	
Butt hinge tested to Certifire	
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available x

Washer Hinge





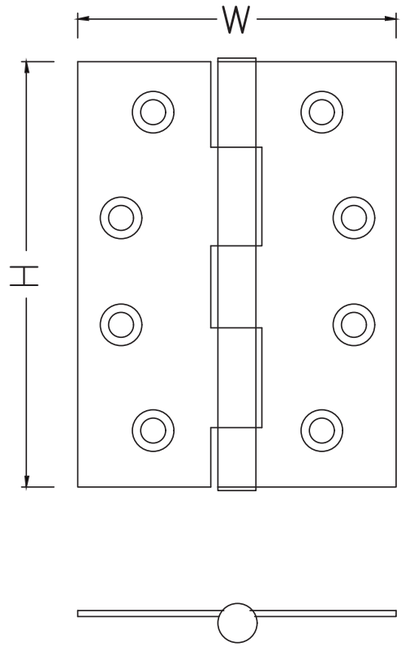
NO.	Size		
	Height （inch）	Width （inch）	Thickness （mm）
40001	4	3	2
40050	4	4	2
40051	3.5	3.5	2.5
40002	4	3	2.5
40052	4	4.5	2.5
40015	5	3	2.5
40018	5	3.5	2.5
40053	3.5	3.5	3
40003	4	3	3
40007	4	4	3
40054	4.5	4.5	3
40016	5	3	3
40019	5	3.5	3
40020	5	4	3

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing	•
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

No BB



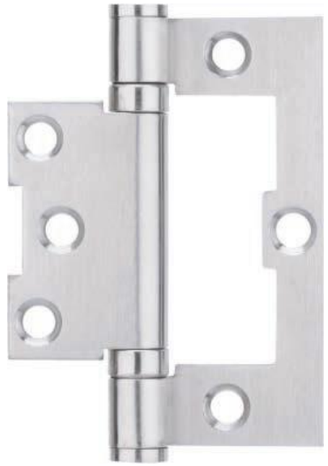


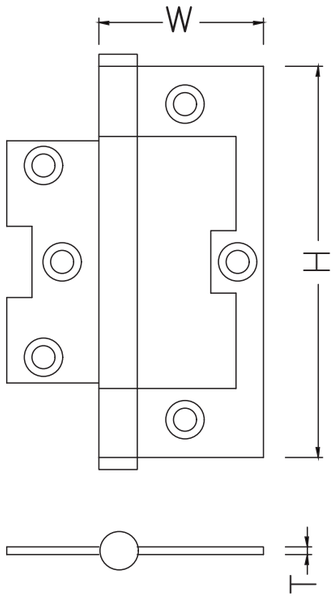
NO.	Size			
	Height （inch）	Width （inch）	Thickness （mm）	BB
40001	4	3	2	/
40002	4	3	2.5	/
40003	4	3	3	/
40005	4	3.5	3	/
40006	4	4	2.5	/
40007	4	4	3	/
40009	4.5	4	3	/
40010	4.5	4	3.5	/
40012	4.5	4	4	/
40013	4.5	4.5	3.5	/
40014	4.5	4.5	4.5	/
40015	5	3	2.5	/
40016	5	3	3	/
40018	5	3.5	2.5	/
40019	5	3.5	3	/
40020	5	4	3	/
40021	5	4	3.5	/
40022	5	4	4	/
40023	6	4	4	/
40024	6	4.5	4	/

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	•
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Flush Hinge





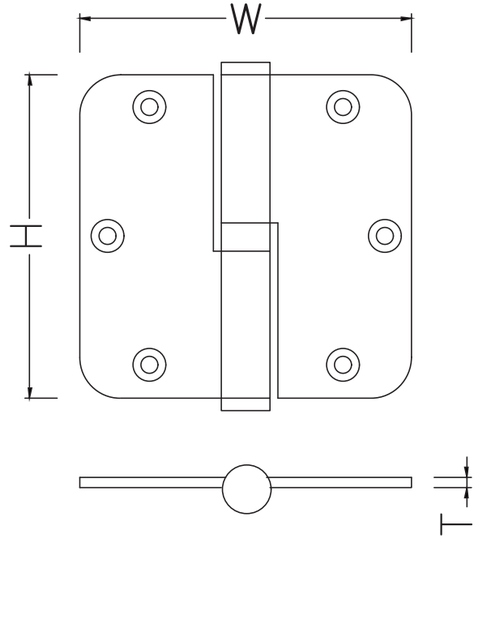
NO.	Size		
	Height （mm）	Width （mm）	Thickness （mm）
40041	90	42	2.5
40042	100	35	2
40043	100	42	2
40044	100	48	2.5

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	•
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Lift-off Hinge





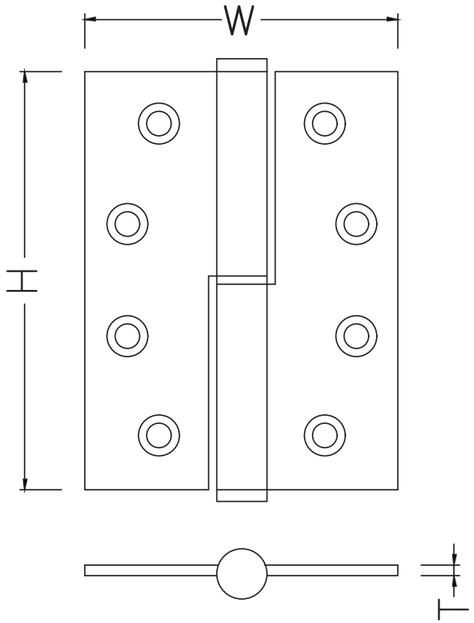
NO.	Size		
	Height （mm）	Width （mm）	Thickness （mm）
40034	80	80	2.5
	90	65	2.5
	89	63.5	3

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	
Ball Bearing	•
Butt hinge tested to BS EN 1935	x x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Lift-off Hinge



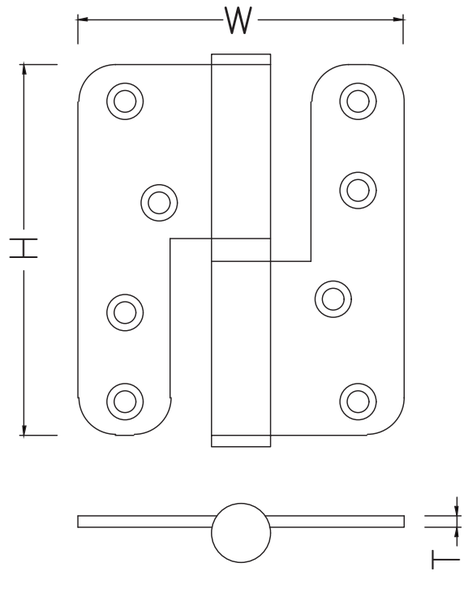


Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Lift-off Hinge





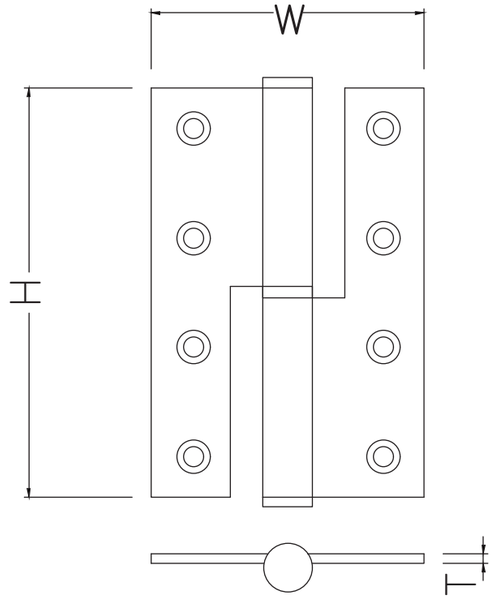
NO.	Size		
	Height（mm）	Width（mm）	Thickness（mm）
40037	100	85	3
40038	114.3	101.6	3.5

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	•
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Lift-off Hinge





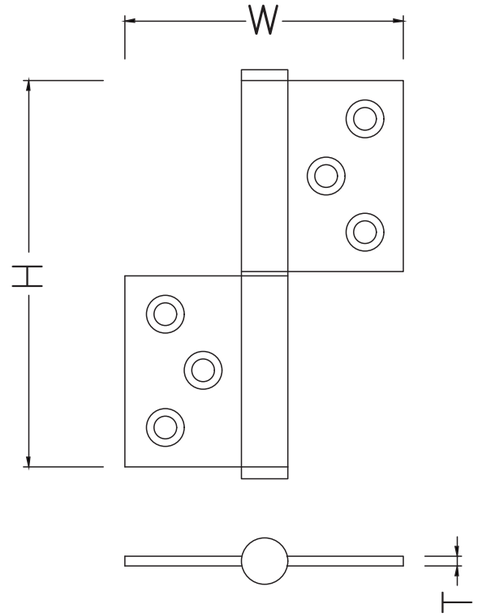
NO.	Size		
	Height （mm）	Width （mm）	Thickness （mm）
40039	120	80	3
40040	140	80	3

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Flag Hinge





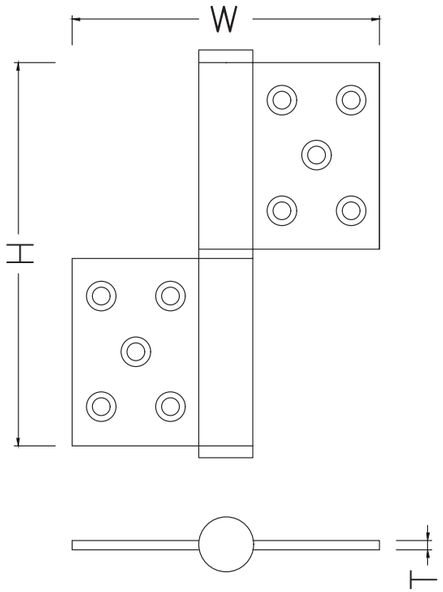
NO.	Size		
	Height （mm）	Width （mm）	Thickness （mm）
40045	100	42	2.5

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Flag Hinge





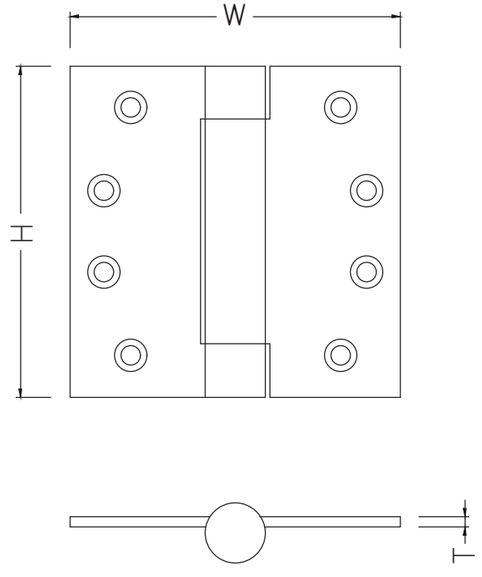
NO.	Size		
	Height （inch）	Width （inch）	Thickness （mm）
40046	5	4	3

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available

Spring Hinge





NO.	Size		
	Height （inch）	Width （inch）	Thickness （mm）
40047	4	3	3
	4	3	3
	4	3.5	3
	4.5	4.5	3

Data and Features	RHSCBFR
Size in inch (Height x Width)	H x W
Thickness in millimeter	T
Standard Doors	•
Fire and smoke check doors	•
Non-handed	•
5 Knuckles	x
Ball Bearing	x
Butt hinge tested to BS EN 1935	x
CE mark for building products	x
Butt hinge tested to Certifire	x
Optional Pin Type Non-removable pin (NRP) Removable pin (RP) Security Stud (SS)	•

• Available x Not available