

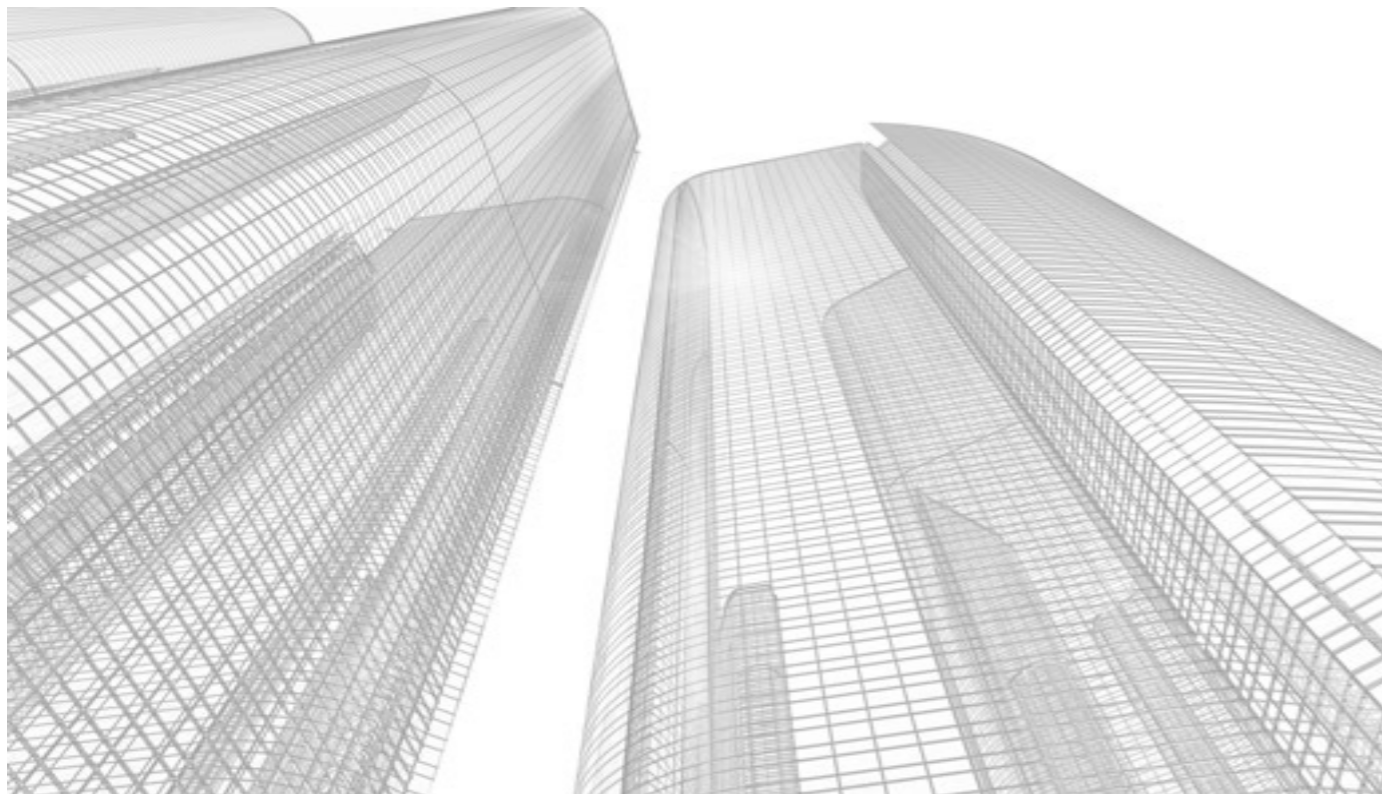


ARGON HARDWARE

**ARGON
HARDWARE
CATALOGUE 2021**

COMPANY INTRODUCTION

- Argon Hardware Ironmongery specializes in the supply of high-quality architectural ironmongery that is both functional and well-crafted to compliment the building design.
- Our comprehensive and varied ranges allow the Architect and Contractor to specify the ironmongery from one source ensuring the project runs smoothly, with the correct products, on time and within budget.
- **5 Year Minimum Guarantee** – unlike many competitors, every single ironmongery product that we sell comes with a minimum 5-year guarantee and if you experience any issues with our products, we will replace it at no cost to you. This is backed with a rigorous quality control process and without exception, we publish all product reviews from customers.



COMPANY CERTIFICATES






Why Choose Us



“Argon Hardware was established in 2020, **our vision is to be one of the most trusted architectural ironmongeries to our customers within the budget range.**

With more than 25 years of experience in ironmongery hardware and Door fabrication, we have the best tools in the market to help you improve your quality and value. Why ? Because your problems is our job to solve.”

STAINLESS STEEL HINGE	01-28
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HINGES



ANSI/BHMA A156.1 Butts and Hinges



American National Standard Institute (ANSI) ANSI 156.1

This Standard establishes requirements for butts and hinges. Cycle tests, lateral and vertical wear tests, friction tests, strength tests, finish tests, and material and dimensional requirements are included.

ANSI/BHMA A 156.1 Requirements		
Cycle-test	Grade 1: 2,500,000	Heavy Duty 4 Ball Bearings
	Grade 2: 1,500,000	Standard Duty 2 Ball Bearings
	Grade 3: 350,000	Plain Bearing
Fire Test	Pass UL 10 C 3 hours fire test	

Tests described in this Standard are performed under laboratory conditions. In actual usage, results vary because of installation, maintenance and environmental conditions.

Detection The Size Of Hinge

Height Of Hinge (+0/-0.015in.(+0/-0.4mm))	Thickness Of Hinge (±.005in(±0.83mm))	Number Of Screws Per Hinge
"A" Heavy Duty		
4 1/2"(114mm)	0.180"(4.6mm)	8
5" (127mm)	0.190"(4.8mm)	8
6" (152mm)	0.203"(5.2mm)	10
8" (203mm)	0.203"(5.2mm)	14min.
"B" Stand Duty		
3 1/2"(89mm)	0.123"(3.1mm)	6
4" (102mm)	0.130"(3.3mm)	8
4 1/2"(114mm)	0.134"(3.4mm)	8
5" (127mm)	0.146"(3.7mm)	8
6" (152mm)	0.160"(4.1mm)	10

Detection The Weight Of The Door

Height Of Hinge	Grade 1 And Grade 2 Weight Of The Door	Grade 3 And Grade 4 Weight Of The Door
3" (76mm)	--	40lbs(18kg)
3 1/2"(89mm)	100lbs(45kg)	45lbs(20kg)
4" (102mm)	125lbs(57kg)	60lbs(27kg)
4 1/2"(114mm)	150lbs(68kg)	75lbs(34kg)
5" (127mm)	175lbs(79kg)	100lbs(45kg)
6" (152mm)	230lbs(104kg)	125lbs(57kg)
8" (203mm)	300lbs(135kg)	--

Full Mortise Ball Bearing Hinges



**UL/cUL Listed
Certification**



**3 Hours Fire-Rated,
File No.: R40664**

UL Certificate, In Total 18 Sizes As Following:

- | | | |
|-----------------|-----------------|-----------------|
| 4.0"x3.0"x3.0mm | 4.0"x3.5"x3.0mm | 4.0"x4.0"x3.0mm |
| 4.5"x4.0"x3.0mm | 4.0"x4.0"x3.4mm | 4.5"x4.0"x4.6mm |
| 4.5"x4.5"x3.0mm | 4.5"x4.0"x3.4mm | 4.5"x4.5"x4.6mm |
| 5.0"x3.0"x3.0mm | 4.5"x4.5"x3.4mm | 5.0"x4.0"x4.6mm |
| 5.0"x3.5"x3.0mm | 5.0"x4.0"x3.4mm | 5.0"x4.5"x4.6mm |
| 5.0"x4.0"x3.0mm | 5.0"x4.5"x3.4mm | 5.0"x5.0"x4.6mm |

Heavy Duty Hinge (ANSI)
Four Ball Bearing

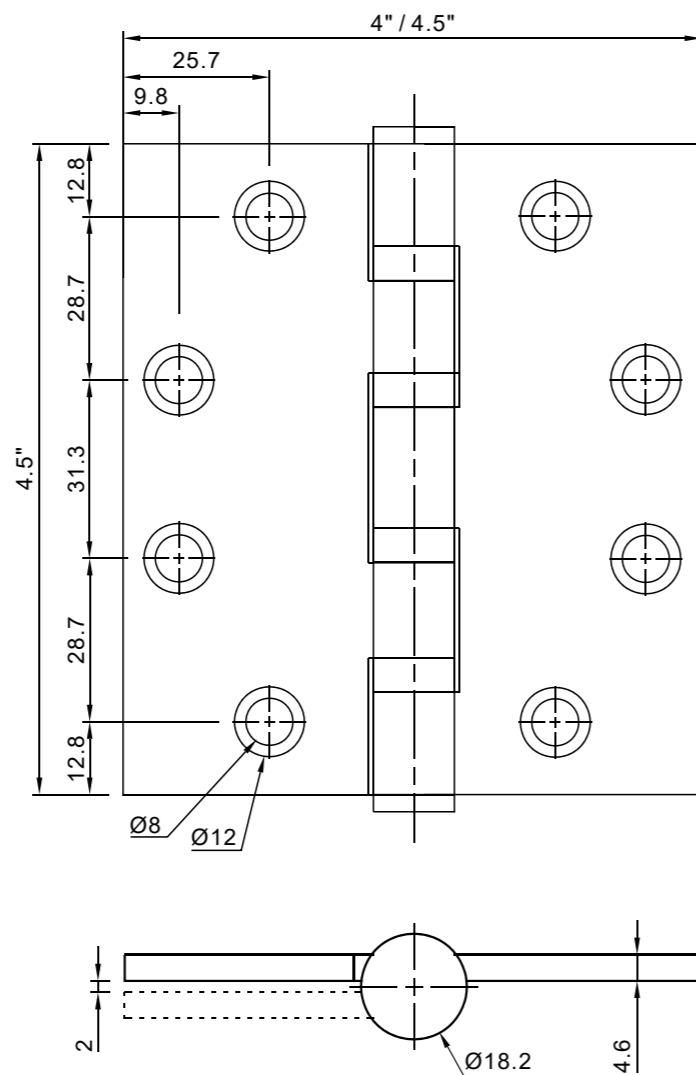


Data and Features	AHSS001-ANSI-1	
Size in inch (Height x Width)	4.5 x 4	4.5 x 4.5
Thickness in mm	4.6	4.6
Heavy Duty Doors	•	•
Fire and smoke resistant doors	•	•
Non - handed	•	•
5 Knuckles	•	•
Ball Bearing (2BB or 4BB)	•	•
ANSI & UL mark	•	•
Optional Pin Type		
Non-removable Pin (NRP)	•	•
Removable Pin (RP)	•	•
Security Stud (SS)	•	•

AH-SS-001-ANSI-1



Art. No.	Height (inch)	Width (inch)	Thickness (mm)
ANSI-4.5x4x4.6mm-4BB	4.5"	4"	4.6
ANSI-4.5x4.5x4.6mm-4BB	4.5"	4.5"	4.6



Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle four ball bearing with non-rising pins with button tip and plug.
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Hole in bottom tip for easy pin removal.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Heavy duty weight template hinge.
- Supplied with SS screws

Standard Weight Hinge (ANSI)
Two Ball Bearing

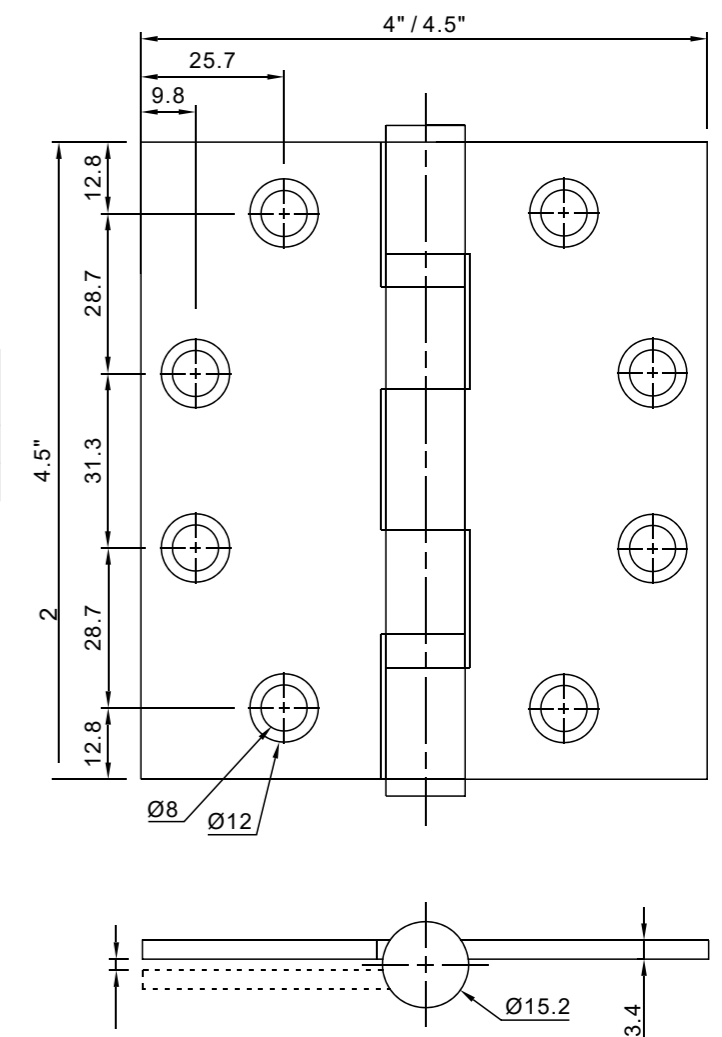


Data and Features	AHSS001-ANSI-2	
Size in inch (Height x Width)	4.5 x 4	4.5 x 4.5
Thickness in mm	3.4	3.4
Standard Doors	•	•
Fire and smoke resistant doors	•	•
Non - handed	•	•
5 Knuckles	•	•
Ball Bearing (2BB or 4BB)	•	•
ANSI & UL mark	•	•
Optional Pin Type		
Non-removable Pin (NRP)	•	•
Removable Pin (RP)	•	•
Security Stud (SS)	•	•

AH-SS-001-ANSI-2



Art. No.	Height (inch)	Width (inch)	Thickness (mm)
ANSI-4.5x4x3.4mm-2BB	4.5"	4"	3.4
ANSI-4.5x4.5x3.4mm-2BB	4.5"	4.5"	3.4



Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle two ball bearing with non-rising pins with button tip and plug.
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Hole in bottom tip for easy pin removal.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight template hinge.
- Supplied with SS screws

Full Mortise Hinge (Fire Rated)
Two Ball Bearing



AH-SS-001-FR

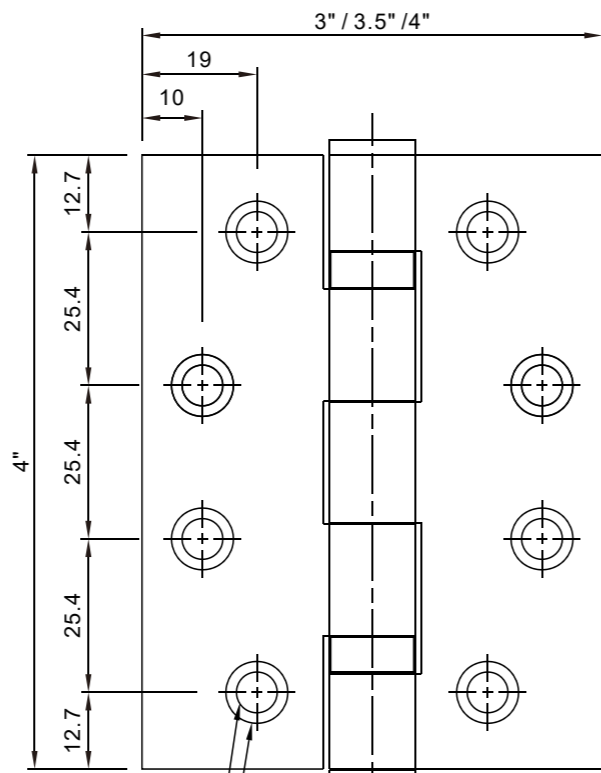
UL/cUL Listed Certification
3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-4x3x3.0mm-2BB	4"	3"	3.0
AH-SS-4x3.5x3.0mm-2BB	4"	3.5"	3.0
AH-SS-4x4x3.0mm-2BB	4"	4"	3.0
AH-SS-4x4x3.4mm-2BB	4"	4"	3.4

Specification Advice

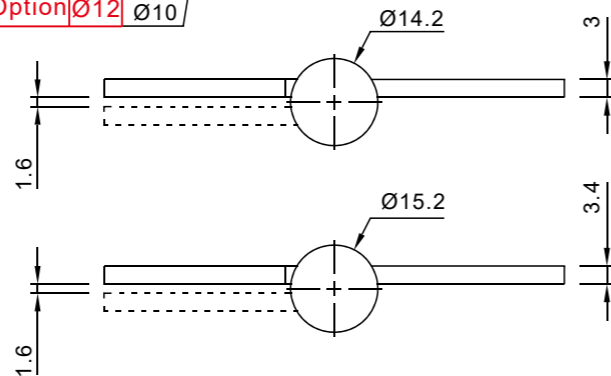
- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle two ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight template hinge.
- Supplied with SS screws

Data and Features	AHSS001-FR			
Size in inch (Height x Width)	4 x 3	4 x 3.5	4 x 4	4 x 4
Thickness in mm	3.0	3.0	3.0	3.4
Standard Doors	•	•	•	•
Fire and smoke resistant doors	•	•	•	•
Non - handed	•	•	•	•
5 Knuckles	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•
UL mark for building products	•	•	•	•
Optional Pin Type				
Non-removable Pin (NRP)	•	•	•	•
Removable Pin (RP)	•	•	•	•
Security Stud (SS)	•	•	•	•



Option Ø8 Ø6.5

Option Ø12 Ø10



Full Mortise Hinge (Fire Rated)
Two Ball Bearing

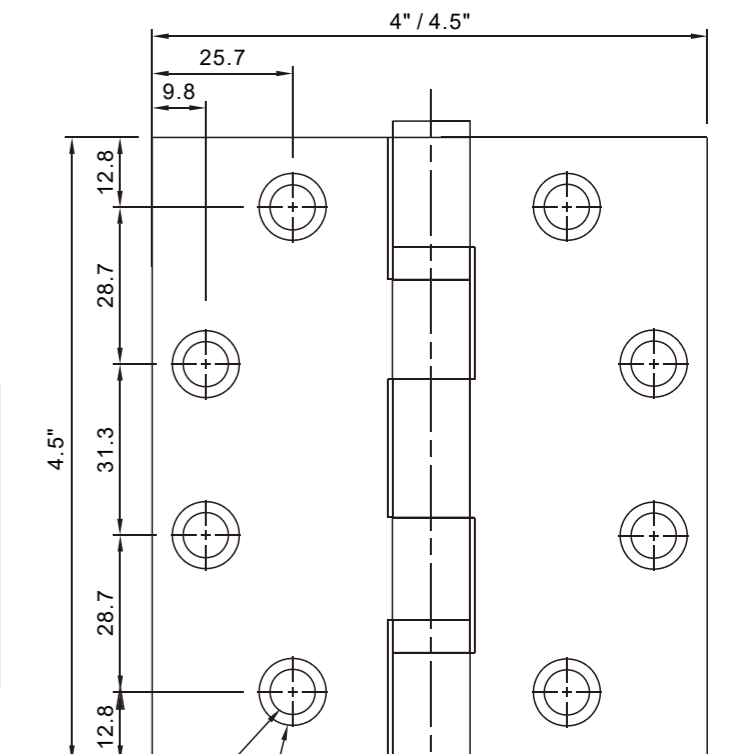


AH-SS-002-FR

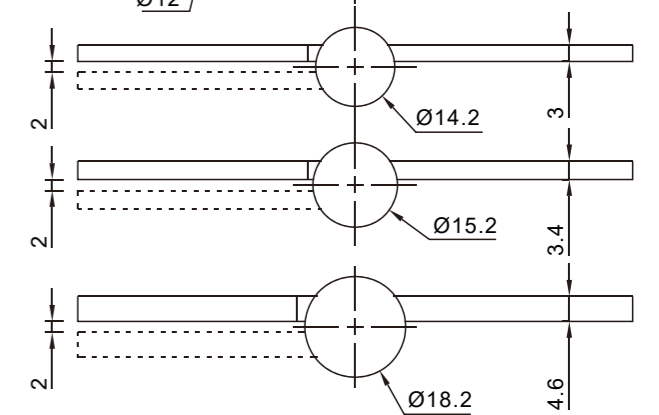
UL/cUL Listed Certification
3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-4.5x4x3.0mm-2BB	4.5"	4"	3.0
AH-SS-4.5x4.5x3.0mm-2BB	4.5"	4.5"	3.0
AH-SS-4.5x4x3.4mm-2BB	4.5"	4"	3.4
AH-SS-4.5x4.5x3.4mm-2BB	4.5"	4.5"	3.4
AH-SS-4.5x4x4.6mm-2BB	4.5"	4"	4.6
AH-SS-4.5x4.5x4.6mm-2BB	4.5"	4.5"	4.6

Data and Features	AHSS002-FR					
Size in inch (Height x Width)	4.5 x 4	4.5x4.5	4.5 x 4	4.5x4.5	4.5 x 4	4.5x4.5
Thickness in mm	3.0	3.0	3.4	3.4	4.6	4.6
Standard Doors	•	•	•	•	•	•
Fire and smoke resistant doors	•	•	•	•	•	•
Non - handed	•	•	•	•	•	•
5 Knuckles	•	•	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•	•	•
UL mark for building products	•	•	•	•	•	•
Optional Pin Type						
Non-removable Pin (NRP)	•	•	•	•	•	•
Removable Pin (RP)	•	•	•	•	•	•
Security Stud (SS)	•	•	•	•	•	•



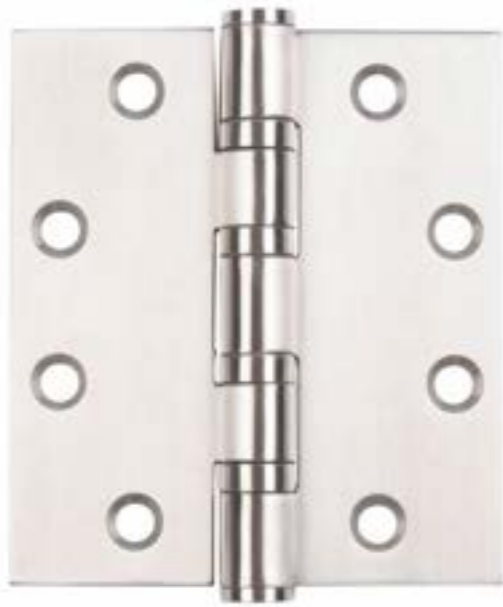
Ø8 Ø12



Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle two ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight template hinge.
- Supplied with SS screws

Full Mortise Hinge (Fire Rated)
Four Ball Bearing



AHSS003-FR

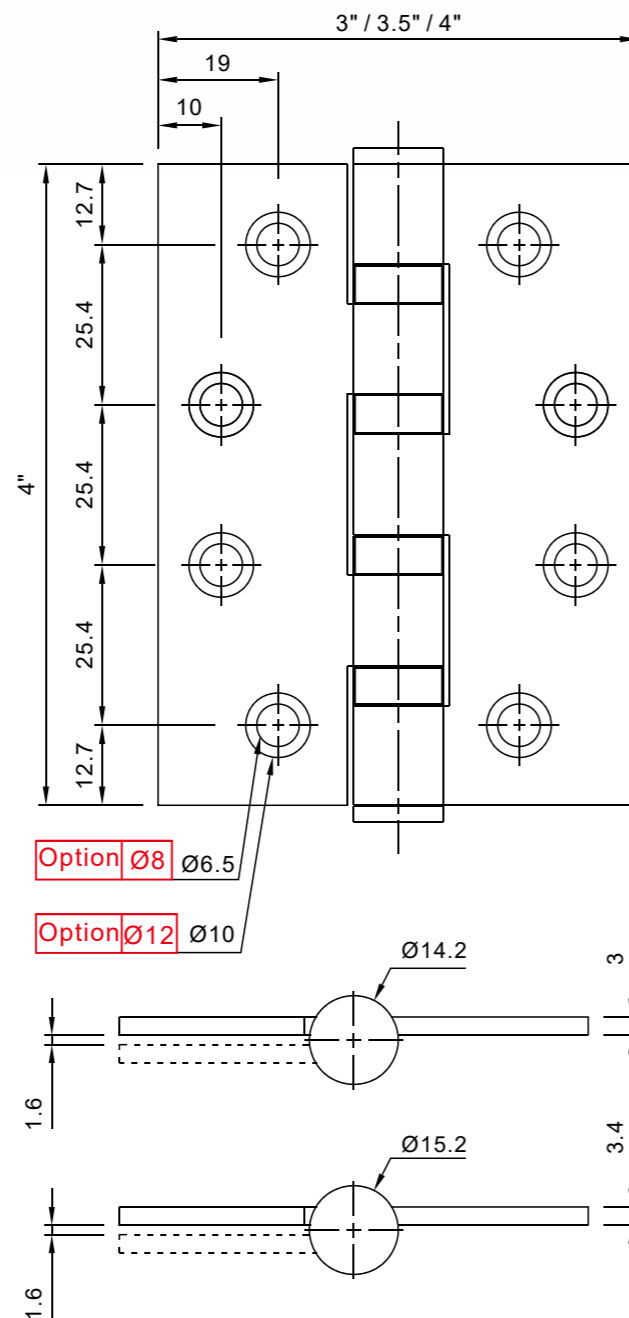
UL/cUL Listed Certification
LISTED 3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-4x3x3.0mm-4BB	4"	3"	3.0
AH-SS-4x3.5x3.0mm-4BB	4"	3.5"	3.0
AH-SS-4x4x3.0mm-4BB	4"	4"	3.0
AH-SS-4x4x3.4mm-4BB	4"	4"	3.4

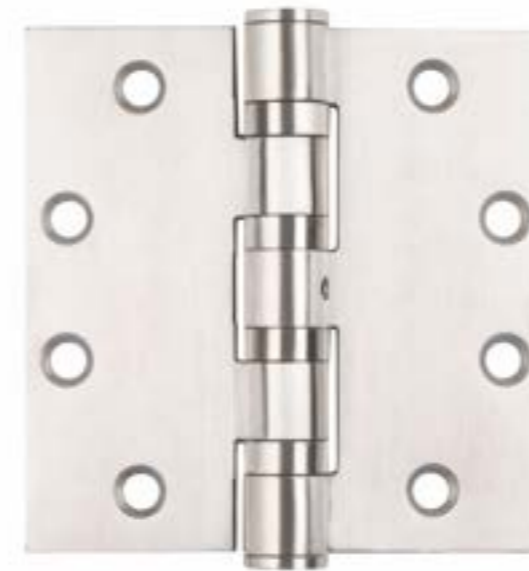
Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle four ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight template hinge.
- Supplied with SS screws

Data and Features	AHSS003-FR			
Size in inch (Height x Width)	4 x 3	4 x 3.5	4 x 4	4 x 4
Thickness in mm	3.0	3.0	3.0	3.4
Standard Doors	•	•	•	•
Fire and smoke resistant doors	•	•	•	•
Non - handed	•	•	•	•
5 Knuckles	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•
UL mark for building products	•	•	•	•
Optional Pin Type				
Non-removable Pin (NRP)	•	•	•	•
Removable Pin (RP)				
Security Stud (SS)				



Full Mortise Hinge (Fire Rated)
Four Ball Bearing



AHSS004-FR

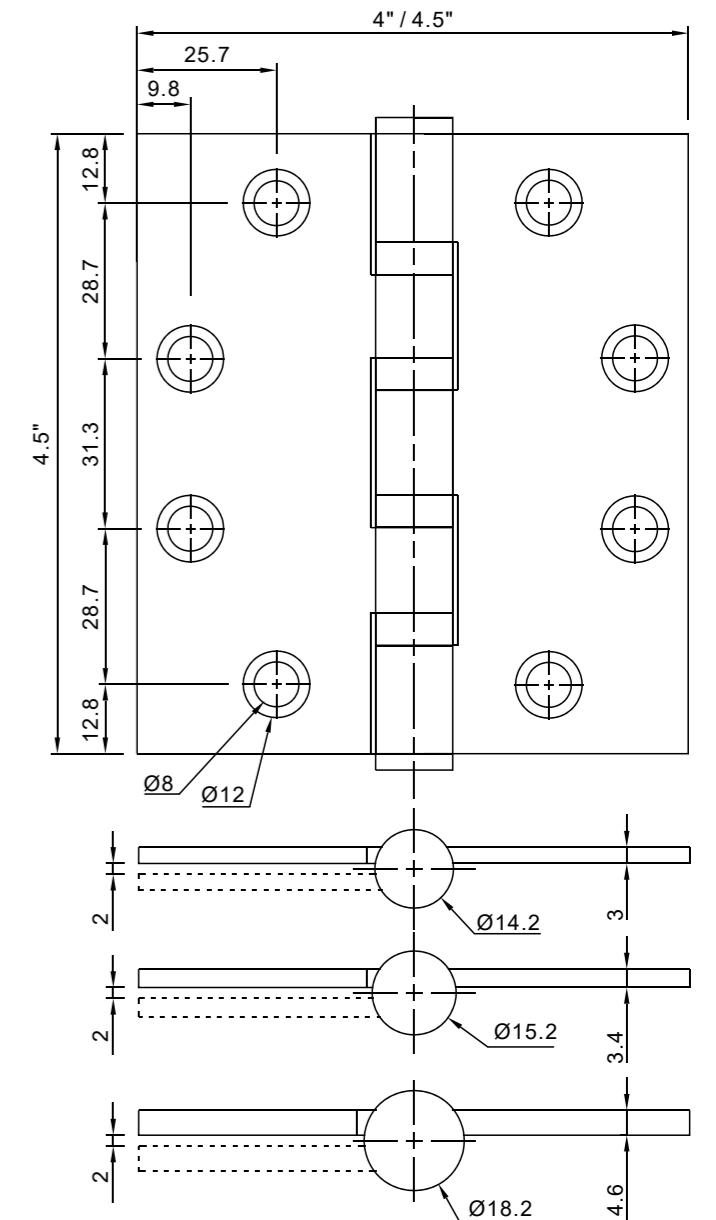
UL/cUL Listed Certification
LISTED 3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-4.5x4x3.0mm-4BB	4.5"	4"	3.0
AH-SS-4.5x4.5x3.0mm-4BB	4.5"	4.5"	3.0
AH-SS-4.5x4x3.4mm-4BB	4.5"	4"	3.4
AH-SS-4.5x4.5x3.4mm-4BB	4.5"	4.5"	3.4
AH-SS-4.5x4x4.6mm-4BB	4.5"	4"	4.6
AH-SS-4.5x4.5x4.6mm-4BB	4.5"	4.5"	4.6

Specification Advice

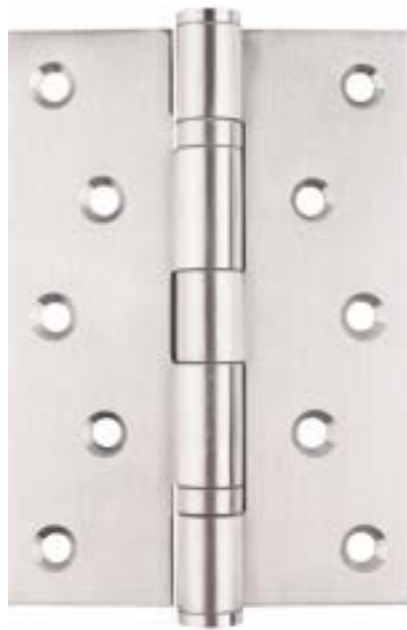
- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle four ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight template hinge.
- Supplied with SS screws

Data and Features	AHSS004-FR					
Size in inch (Height x Width)	4.5 x 4	4.5 x 4.5	4.5 x 4	4.5 x 4.5	4.5 x 4	4.5 x 4.5
Thickness in mm	3.0	3.0	3.4	3.4	4.6	4.6
Standard Doors	•	•	•	•	•	•
Fire and smoke resistant doors	•	•	•	•	•	•
Non - handed	•	•	•	•	•	•
5 Knuckles	•	•	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•	•	•
UL mark for building products	•	•	•	•	•	•
Optional Pin Type						
Non-removable Pin (NRP)	•	•	•	•	•	•
Removable Pin (RP)						
Security Stud (SS)						



Full Mortise Hinge (Fire Rated)

Two Ball Bearing



AHSS005-FR

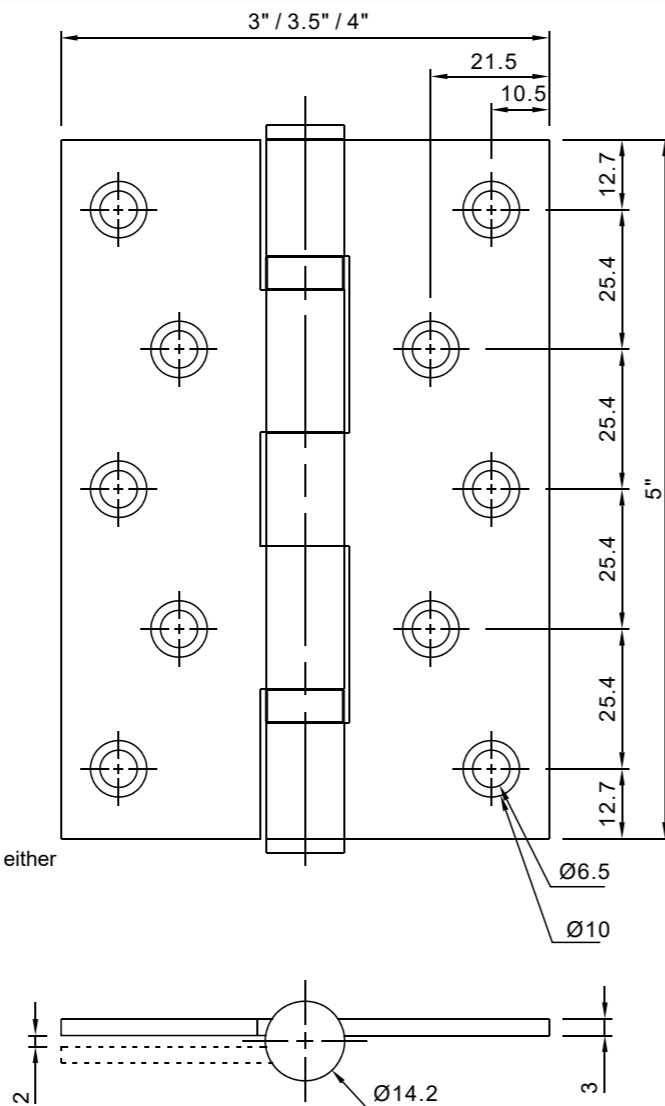
Data and Features	AHSS005-FR		
Size in inch (Height x Width)	5 x 3	5 x 3.5	5 x 4
Thickness in mm	3.0	3.0	3.0
Standard Doors	•	•	•
Fire and smoke resistant doors	•	•	•
Non - handed	•	•	•
5 Knuckles	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•
UL mark for building products	•	•	•
Optional Pin Type			
Non-removable Pin (NRP)	•	•	•
Removable Pin (RP)	•	•	•
Security Stud (SS)	•	•	•

UL/cUL Listed Certification
LISTED 3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-5x3x3.0mm-2BB	5"	3"	3.0
AH-SS-5x3.5x3.0mm-2BB	5"	3.5"	3.0
AH-SS-5x4x3.0mm-2BB	5"	4"	3.0

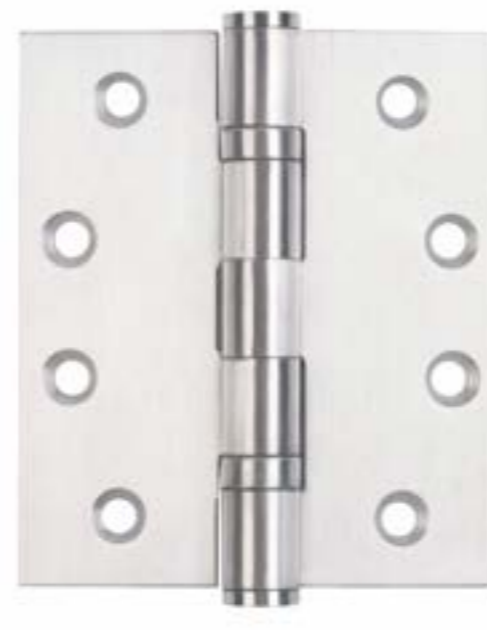
Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle two ball bearing
- All hinges have Zig-Zag symmetrical screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight hinge.
- Supplied with SS screws



Heavy Duty Hinge (Fire Rated)

Two Ball Bearing



AHSS006-FR

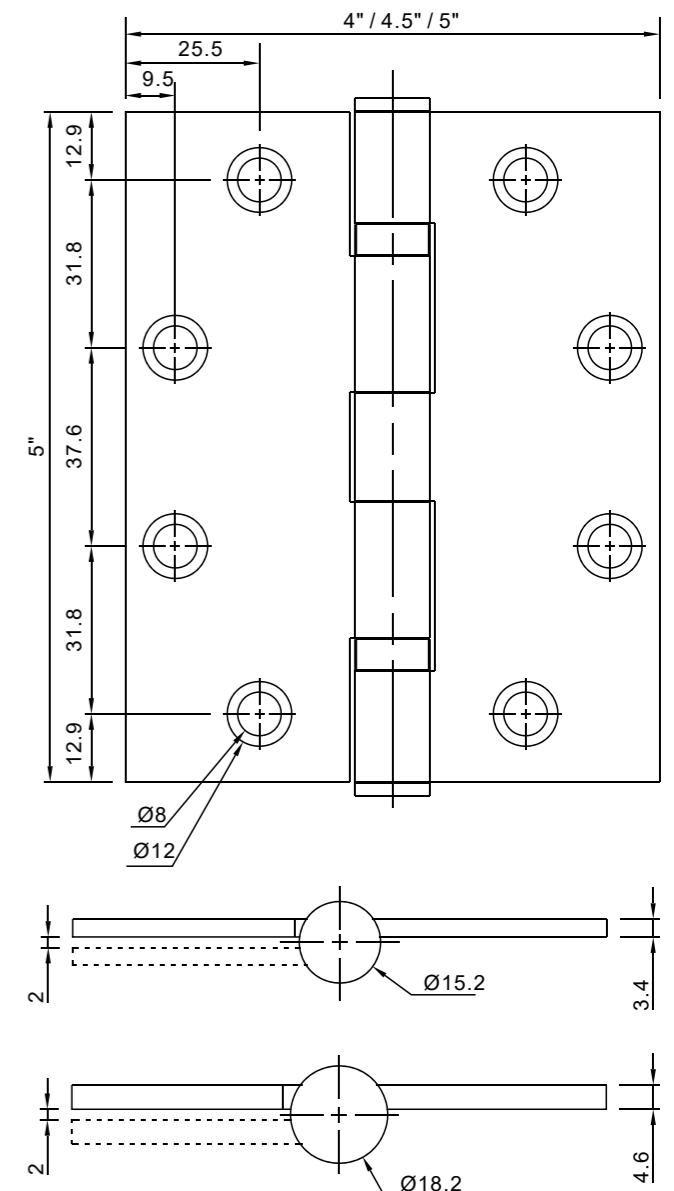
Data and Features	AHSS006-FR				
Size in inch (Height x Width)	5 x 4	5x 4.5	5 x 4	5x 4.5	5 x 5
Thickness in mm	3.4	3.4	4.6	4.6	4.6
Standard Doors	•	•	•	•	•
Fire and smoke resistant doors	•	•	•	•	•
Non - handed	•	•	•	•	•
5 Knuckles	•	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•	•
UL mark for building products	•	•	•	•	•
Optional Pin Type					
Non-removable Pin (NRP)	•	•	•	•	•
Removable Pin (RP)	•	•	•	•	•
Security Stud (SS)	•	•	•	•	•

UL/cUL Listed Certification
LISTED 3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-5x4x3.4mm-2BB	5"	4"	3.4
AH-SS-5x4.5x3.4mm-2BB	5"	4.5"	3.4
AH-SS-5x4x4.6mm-2BB	5"	4"	4.6
AH-SS-5x4.5x4.6mm-2BB	5"	4.5"	4.6
AH-SS-5x5x4.6mm-2BB	5"	5"	4.6

Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle two ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Heavy Duty template hinge.
- Supplied with SS screws



Full Mortise Hinge (Fire Rated)

Four Ball Bearing



Data and Features	AHSS007-FR		
Size in inch (Height x Width)	5 x 3	5 x 3.5	5 x 4
Thickness in mm	3.0	3.0	3.0
Standard Doors	•	•	•
Fire and smoke resistant doors	•	•	•
Non - handed	•	•	•
5 Knuckles	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•
UL mark for building products	•	•	•
Optional Pin Type			
Non-removable Pin (NRP)	•	•	•
Removable Pin (RP)			
Security Stud (SS)			

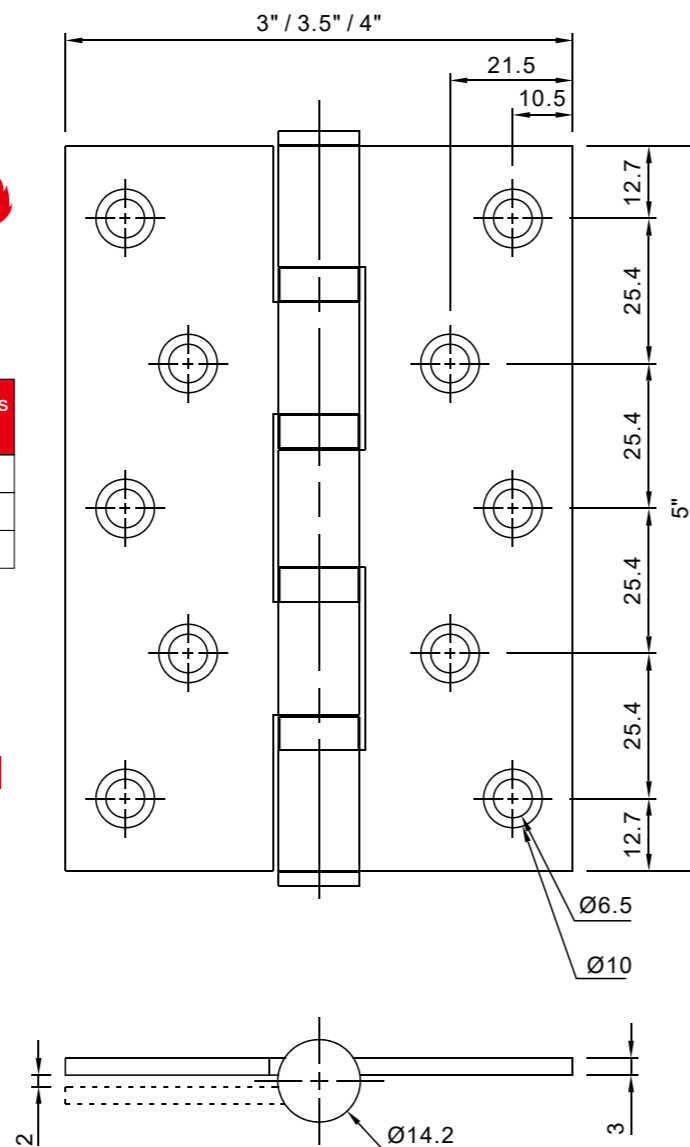
AHSS007-FR

UL/cUL Listed Certification
3 Hours Fire-Rated, File No.: R40664

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-5x3x3.0mm-4BB	5"	3"	3.0
AH-SS-5x3.5x3.0mm-4BB	5"	3.5"	3.0
AH-SS-5x4x3.0mm-4BB	5"	4"	3.0

Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle four ball bearing
- All hinges have Zig-Zag symmetrical screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Standard weight hinge.
- Supplied with SS screws



Heavy Duty Hinge (Fire Rated)

Four Ball Bearing



Data and Features	AHSS008-FR				
Size in inch (Height x Width)	5 x 4	5x 4.5	5 x 4	5x 4.5	5 x 5
Thickness in mm	3.4	3.4	4.6	4.6	4.6
Standard Doors	•	•	•	•	•
Fire and smoke resistant doors	•	•	•	•	•
Non - handed	•	•	•	•	•
5 Knuckles	•	•	•	•	•
Ball Bearing (2BB or 4BB)	•	•	•	•	•
UL mark for building products	•	•	•	•	•
Optional Pin Type					
Non-removable Pin (NRP)	•	•	•	•	•
Removable Pin (RP)					
Security Stud (SS)					

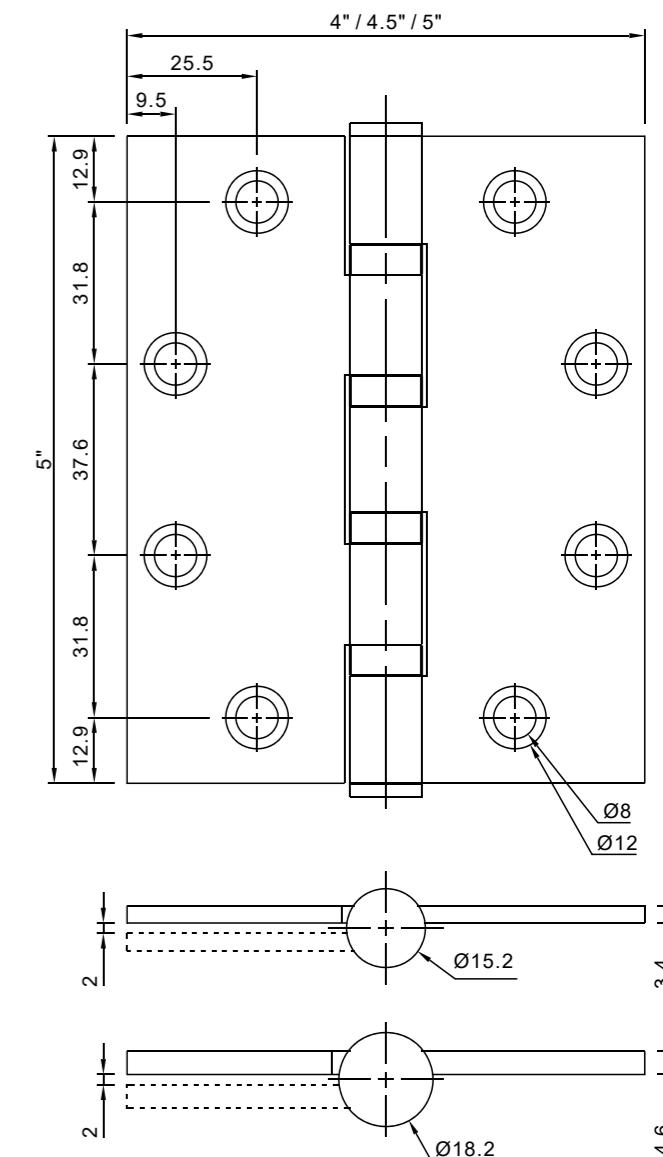
AHSS008-FR

UL/cUL Listed Certification
3 Hours Fire-Rated, File No.: R40664

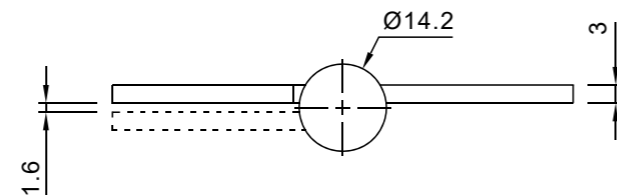
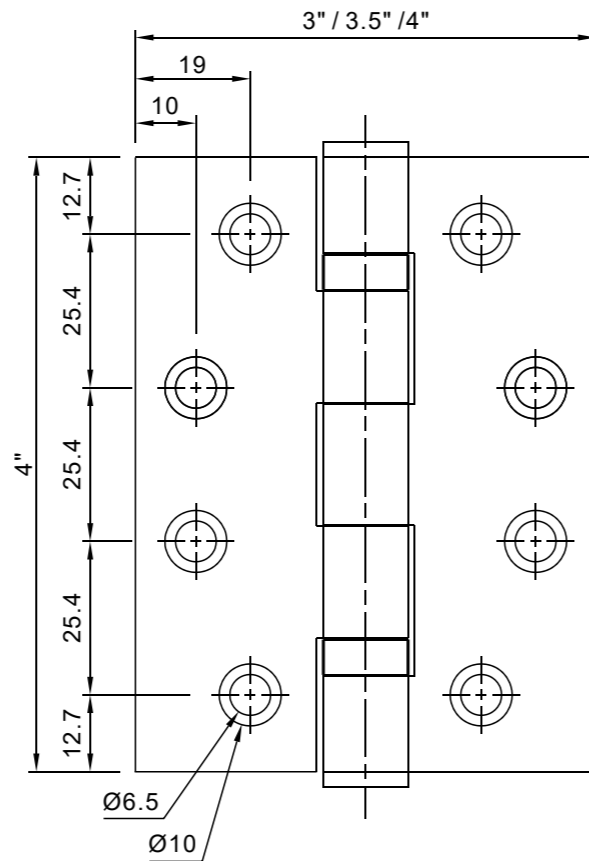
Art. No.	Height (inch)	Width (inch)	Thickness (mm)
AH-SS-5x4x3.4mm-4BB	5"	4"	3.4
AH-SS-5x4.5x3.4mm-4BB	5"	4.5"	3.4
AH-SS-5x4x4.6mm-4BB	5"	4"	4.6
AH-SS-5x4.5x4.6mm-4BB	5"	4.5"	4.6
AH-SS-5x5x4.6mm-4BB	5"	5"	4.6

Specification Advice

- Hinges manufactured accordance with ANSI / BHMA A 156.1
- All hinges with five knuckle four ball bearing
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames.
- Pins in non-ferrous hinges are stainless steel.
- Dimension & tolerances confirm to ANSI-A 156.7
- Full Mortise, Square Corner, Heavy Duty template hinge.
- Supplied with SS screws



CE Mortise Hinge Grade 13



AHSS001-CE

Class: **4 7 6 1 1 4 0 1 3**

Data and Features	AHSS001-CE		
Size in inch (Height x Width)	4 x 3	4 x 3.5	4 x 4
Thickness in mm	3.0	3.0	3.0
Standard Doors	•	•	•
Fire and smoke resistant doors	•	•	•
Non - handed	•	•	•
5 Knuckles	•	•	•
Ball Bearing (2BB)	•	•	•
CE mark for building products	•	•	•
Optional Pin Type			
Non-removable Pin (NRP)	•	•	•
Removable Pin (RP)	•	•	•
Security Stud (SS)	•	•	•

Features

- Double ball bearing, five knuckle hinge
- Successfully type tested for conformity to all the requirements of BS EN1935
- Supplied with SS Screws
- Load bearing capacity up to 120kg
- Available square or radius
- Tested to over 200,000 cycles
- Suitable for fire/smoke resistant doors
- Finished with softened edges
- Pre-cut intumescent hinge pads available

Art. No.	Height (inch)	Width (inch)	Thickness (mm)
CE-4x3x3.0mm-2BB	4"	3"	3.0
CE-4x3.5x3.0mm-2BB	4"	3.5"	3.0
CE-4x4x3.0mm-2BB	4"	4"	3.0



Hinge Technical Considerations

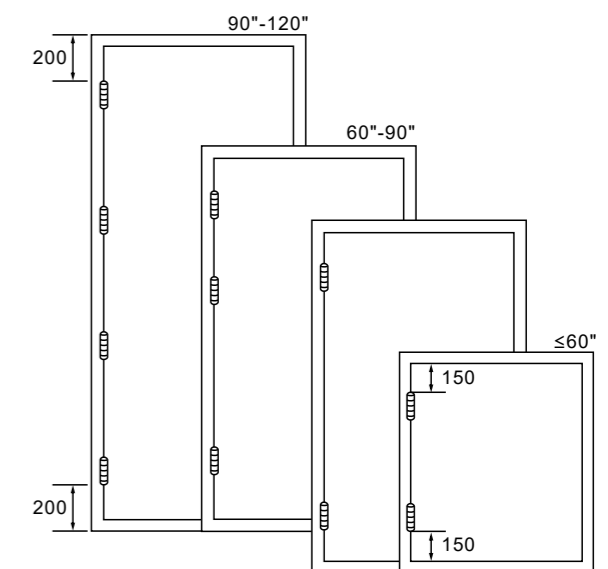
- Door weight
- Door size
- Location
- Intended use

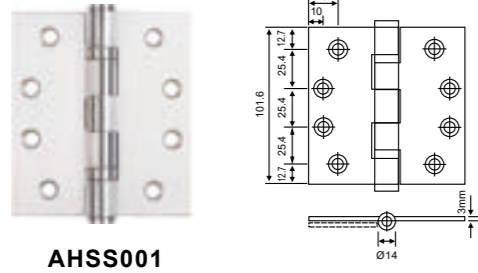
The appropriate specification and correct selection of hinges is crucial to their performance and depends on the following factors:

1. Is it a fire, smoke or emergency escape door?
2. How heavy is the door and what are the door dimension (height, width and thickness)?
3. What is the door's construction and are there any unusual features that could affect the hinges?
4. Where is the door situated e.g internal or external; is it near the coast or in a swimming pool?
5. What level of use/abuse will the door be subject to e.g office, hospital or school corridor?
6. What other items of hardware are to be fitted, that may affect the hinge performance, typically door closer or door stops? E.g fit with door closer, will increase loading weight.
7. Any other unusual features involved e.g. door has radius top or the door is a bifold.

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
- 3.5mm 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

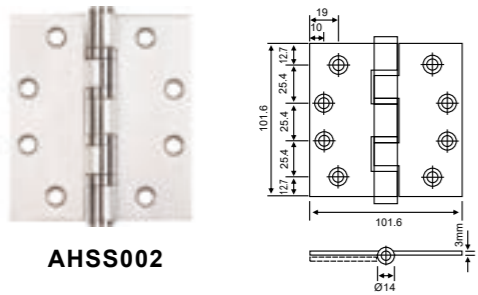




AHSS001

Stainless Steel 2 Ball Bearing Hinge

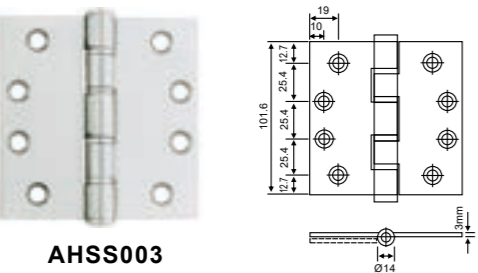
Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 2.0" x 2.0mm	4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.5mm
3.0" x 2.5" x 2.0mm	4.0" x 3.5" x 3.0mm	5.0" x 5.0" x 3.5mm
3.0" x 3.0" x 2.0mm	4.5" x 4.5" x 3.0mm	4.0" x 3.0" x 4.0mm
4.0" x 3.0" x 2.0mm	5.0" x 3.0" x 3.0mm	5.0" x 5.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.5" x 3.0mm	6.0" x 4.0" x 4.0mm
3.5" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	4.0" x 4.0" x 4.5mm
3.5" x 3.5" x 2.5mm	5.0" x 5.0" x 3.0mm	4.5" x 4.0" x 4.5mm
4.0" x 3.5" x 2.5mm	6.0" x 4.0" x 3.0mm	4.5" x 4.5" x 4.5mm
4.0" x 4.0" x 2.5mm	6.0" x 5.0" x 3.0mm	5.0" x 4.0" x 4.5mm
5.0" x 3.0" x 2.5mm	4.5" x 4.0" x 3.5mm	5.0" x 4.5" x 4.5mm



AHSS002

Stainless Steel 4 Ball Bearing Hinge

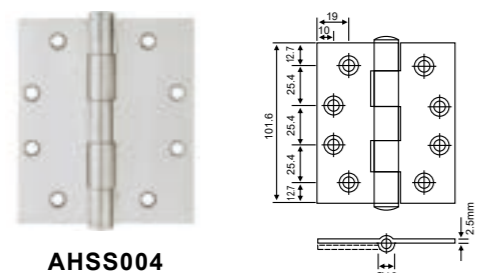
Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.0mm	5.0" x 3.0" x 3.0mm	4.0" x 3.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.5" x 3.0mm	5.0" x 5.0" x 4.0mm
4.0" x 3.5" x 2.5mm	5.0" x 4.0" x 3.0mm	6.0" x 4.0" x 4.0mm
4.0" x 4.0" x 2.5mm	5.0" x 5.0" x 3.0mm	4.0" x 4.0" x 4.5mm
5.0" x 3.0" x 2.5mm	6.0" x 4.0" x 3.0mm	4.5" x 4.0" x 4.5mm
4.0" x 3.0" x 3.0mm	4.5" x 4.0" x 3.5mm	4.5" x 4.5" x 4.5mm
4.0" x 3.5" x 3.0mm	4.5" x 4.5" x 3.5mm	5.0" x 4.0" x 4.5mm
4.5" x 4.5" x 3.0mm	5.0" x 5.0" x 3.5mm	5.0" x 4.5" x 4.5mm



AHSS003

Stainless Steel Single Washer Hinge

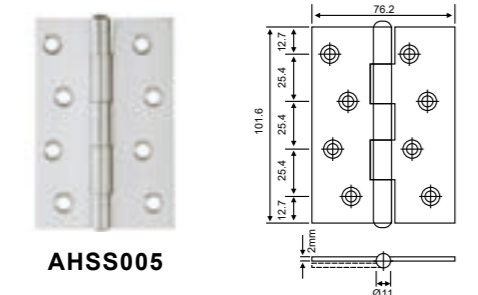
Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.0mm	3.5" x 3.5" x 3.0mm
4.0" x 4.0" x 2.0mm	4.0" x 3.0" x 3.0mm
3.5" x 3.5" x 2.5mm	4.0" x 4.0" x 3.0mm
4.0" x 3.0" x 2.5mm	4.5" x 4.5" x 3.0mm
4.0" x 4.5" x 2.5mm	5.0" x 3.0" x 3.0mm
5.0" x 3.0" x 2.5mm	5.0" x 3.5" x 3.0mm
5.0" x 3.5" x 2.5mm	5.0" x 4.0" x 3.0mm



AHSS004

Stainless Steel Plain Joint Hinge

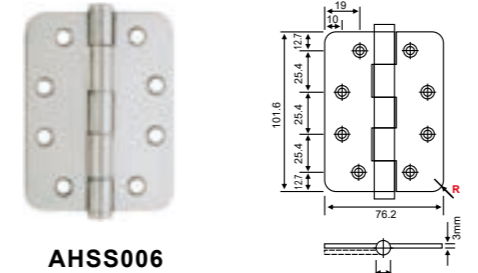
Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.0mm	4.5" x 4.0" x 3.0mm	5.0" x 5.0" x 3.5mm
4.0" x 4.0" x 2.0mm	5.0" x 3.0" x 3.0mm	6.0" x 4.0" x 3.5mm
3.5" x 3.5" x 2.5mm	5.0" x 3.5" x 3.0mm	6.0" x 5.0" x 3.5mm
4.0" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	4.0" x 3.0" x 4.0mm
4.0" x 4.0" x 2.5mm	5.0" x 5.0" x 3.0mm	4.0" x 3.5" x 4.0mm
5.0" x 3.0" x 3.0mm	6.0" x 3.5" x 3.0mm	5.0" x 3.5" x 4.0mm
5.0" x 3.5" x 2.5mm	6.0" x 4.0" x 3.0mm	5.0" x 4.0" x 4.0mm
3.5" x 3.5" x 3.0mm	6.0" x 5.0" x 3.0mm	6.0" x 4.0" x 4.0mm
4.0" x 3.0" x 3.0mm	4.0" x 3.0" x 3.5mm	6.0" x 5.0" x 4.0mm
4.5" x 4.0" x 3.0mm	4.0" x 4.0" x 3.5mm	



AHSS005

Stainless Steel Rivet Tip Hinge

Dimension(H x W x T)
4.0" x 3.0" x 2.0mm
4.0" x 4.0" x 2.0mm

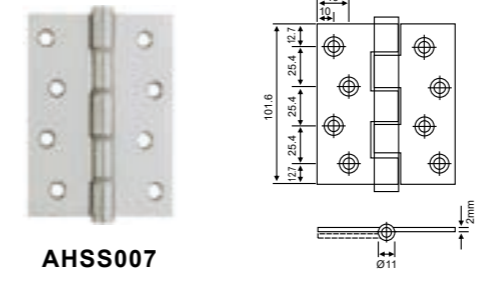


AHSS006

Stainless Steel Round Corner Hinge

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.0mm	3.5" x 3.5" x 3.0mm
4.0" x 4.0" x 2.0mm	4.0" x 3.0" x 3.0mm
3.5" x 3.5" x 2.5mm	4.0" x 4.0" x 3.0mm
4.0" x 3.0" x 2.5mm	4.5" x 4.5" x 3.0mm
4.0" x 4.0" x 2.5mm	5.0" x 3.0" x 3.0mm
5.0" x 3.0" x 2.5mm	5.0" x 3.5" x 3.0mm
5.0" x 3.5" x 2.5mm	5.0" x 4.0" x 3.0mm

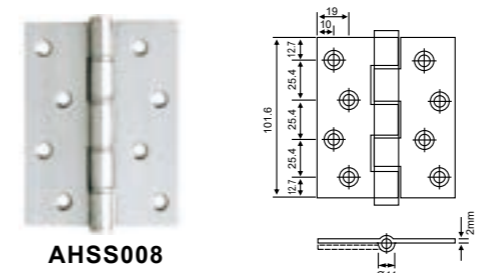
R=1/4", 3/8"



AHSS007

Stainless Steel Nylon Washer Hinge

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.0mm	5.0" x 3.0" x 2.5mm
4.0" x 4.0" x 2.0mm	5.0" x 3.5" x 2.5mm
3.5" x 3.5" x 2.5mm	3.5" x 3.5" x 3.0mm
4.0" x 3.0" x 2.5mm	4.0" x 3.0" x 3.0mm
4.0" x 4.0" x 2.5mm	4.0" x 4.0" x 3.0mm

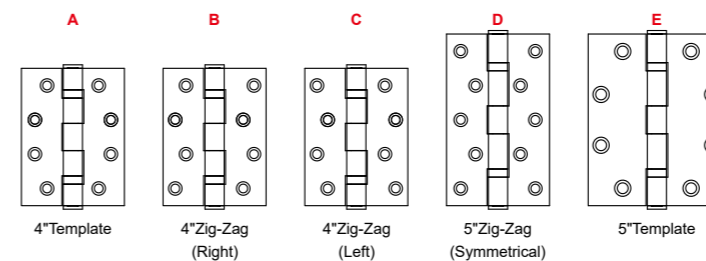


AHSS008

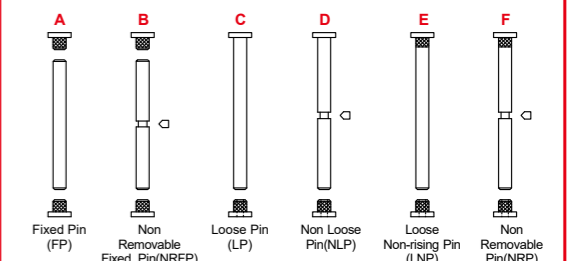
Stainless Steel Double Washers Hinge

Dimension(H x W x T)
4.0" x 3.0" x 2.0mm
4.0" x 4.0" x 2.0mm
4.0" x 3.0" x 2.5mm
4.0" x 4.0" x 2.5mm

Hole Options:



Pin Options:



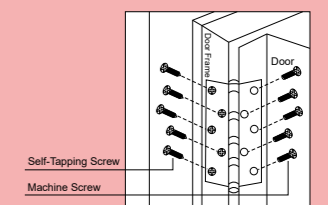
Application

Doors

- Wooden Doors
- Steel Doors
- Office Doors
- Hollow Metal Doors
- Aluminum Doors
- Fire-Rated Doors

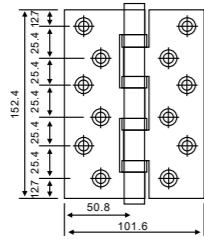
Projects

- Stadium
- Academic
- Mixed-use
- Hotels
- Airports
- Residential Buildings



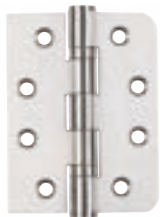
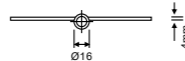


AHSS009

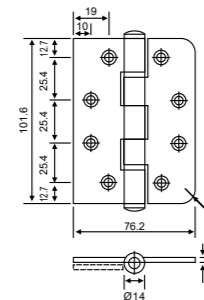


Stainless Steel Heavy Duty Hinge

Dimension(H x W x T)
6.0" x 3.0" x 3.0mm
6.0" x 3.5" x 3.0mm
6.0" x 4.0" x 3.0mm
6.0" x 4.0" x 4.0mm
6.0" x 3.5" x 5.0mm
6.0" x 4.0" x 5.0mm



AHSS010

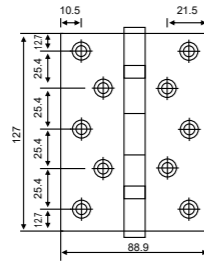


S / Steel One Round Corner One Square Corner Hinge

Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 2.0" x 2.0mm	5.0" x 3.0" x 2.5mm	4.5" x 4.5" x 3.5mm
3.0" x 2.5" x 2.0mm	4.0" x 3.0" x 3.0mm	5.0" x 5.0" x 3.5mm
4.0" x 3.0" x 2.0mm	4.0" x 4.0" x 3.0mm	4.0" x 3.5" x 4.0mm
3.0" x 3.0" x 2.0mm	4.5" x 4.0" x 3.0mm	4.5" x 4.5" x 4.0mm
4.0" x 3.5" x 2.0mm	4.5" x 4.5" x 3.0mm	5.0" x 3.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.5" x 3.0mm	5.0" x 4.0" x 4.0mm
3.5" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	5.0" x 5.0" x 4.0mm
3.5" x 3.5" x 2.5mm	6.0" x 4.0" x 3.0mm	6.0" x 4.0" x 4.0mm
4.0" x 3.0" x 2.5mm	6.0" x 5.0" x 3.0mm	5.0" x 4.0" x 4.5mm
4.0" x 4.0" x 2.5mm	4.5" x 4.0" x 3.5mm	5.0" x 4.5" x 4.5mm

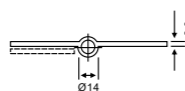


AHSS011-B

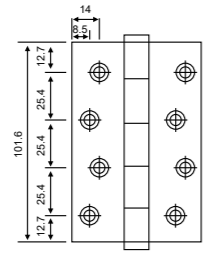


Stainless Steel Ball Bearing Hinge

Dimension(H x W x T)
5.0" x 3.0" x 3.0mm
5.0" x 3.5" x 3.0mm
5.0" x 4.0" x 3.0mm
5.0" x 5.0" x 3.0mm

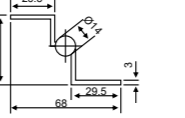


AHSS012

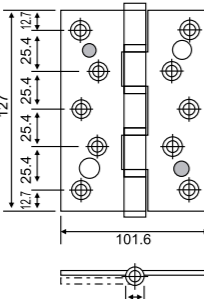


Stainless Steel Crank Hinge

Dimension(H x W x T)
4.0" x 3.0" x 3.0mm
4.0" x 3.5" x 3.0mm



AHSS013

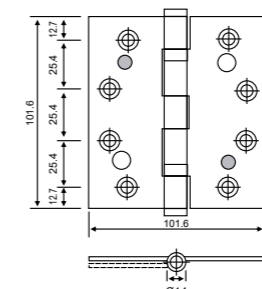


Stainless Steel Double Security Hinge

Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 2.0" x 2.0mm	5.0" x 3.0" x 2.5mm	4.5" x 4.5" x 3.5mm
3.0" x 2.5" x 2.0mm	4.0" x 3.0" x 3.0mm	5.0" x 5.0" x 3.5mm
4.0" x 3.0" x 2.0mm	4.0" x 3.5" x 3.0mm	4.0" x 3.0" x 4.0mm
3.0" x 3.0" x 2.0mm	4.5" x 4.5" x 3.0mm	5.0" x 5.0" x 4.0mm
4.0" x 3.5" x 2.0mm	5.0" x 5.0" x 3.0mm	6.0" x 4.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.5" x 3.0mm	4.0" x 4.0" x 4.5mm
3.5" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	4.5" x 4.0" x 4.5mm
4.0" x 3.5" x 2.5mm	6.0" x 4.0" x 3.0mm	4.5" x 4.5" x 4.5mm
4.0" x 3.5" x 2.5mm	6.0" x 5.0" x 3.0mm	5.0" x 4.0" x 4.5mm
4.0" x 4.0" x 2.5mm	4.5" x 4.0" x 3.5mm	5.0" x 4.5" x 4.5mm



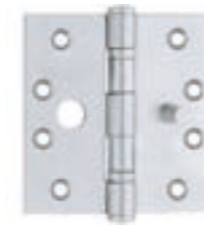
AHSS014



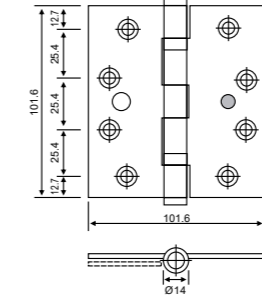
Stainless Steel Double Security Hinge

- Double Ball Bearing, five knuckle hinge
- Prevents removal of door leaf if hinge knuckle is attacked
- Predominately used on perimeter doors where the hinge knuckle is located externally

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.5mm	4.5" x 4.0" x 3.0mm
4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.0mm
4.0" x 3.5" x 3.0mm	4.5" x 4.0" x 3.4mm
4.0" x 4.0" x 3.0mm	4.5" x 4.5" x 3.4mm
5.0" x 3.5" x 3.0mm	



AHSS015



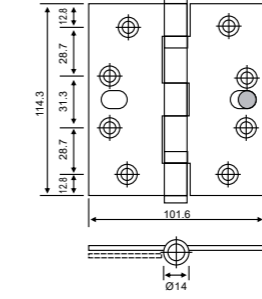
Stainless Steel Single Security Hinge

- Double Ball Bearing, five knuckle hinge
- Prevents removal of door leaf if hinge knuckle is attacked
- Predominately used on perimeter doors where the hinge knuckle is located externally

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.5mm	4.5" x 4.0" x 3.0mm
4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.0mm
4.0" x 3.5" x 3.0mm	4.5" x 4.0" x 3.4mm
4.0" x 4.0" x 3.0mm	4.5" x 4.5" x 3.4mm



AHSS015B

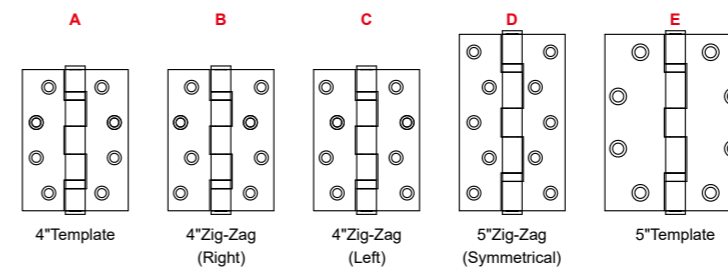


Stainless Steel Single Security Hinge

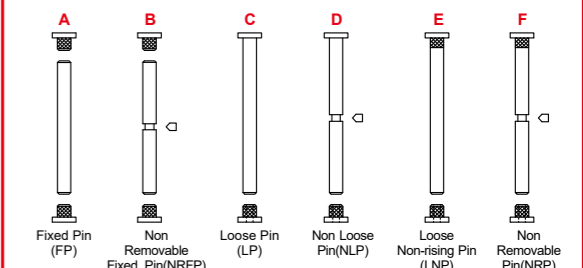
- Double Ball Bearing, five knuckle hinge
- Prevents removal of door leaf if hinge knuckle is attacked
- Predominately used on perimeter doors where the hinge knuckle is located externally

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 2.5mm	4.5" x 4.0" x 3.0mm
4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.0mm
4.0" x 3.5" x 3.0mm	4.5" x 4.0" x 3.4mm
4.0" x 4.0" x 3.0mm	4.5" x 4.5" x 3.4mm

Hole Options:

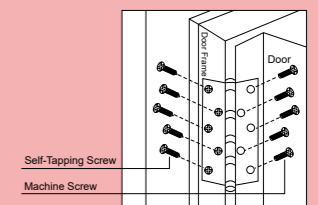


Pin Options:



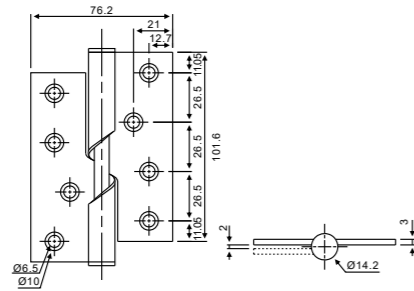
Application

- | | | | |
|---|---|---|--|
| <p>Doors</p> <ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors | <p>Hollow Metal Doors</p> <ul style="list-style-type: none"> • Aluminum Doors • Fire-Rated Doors | <p>Projects</p> <ul style="list-style-type: none"> • Stadium • Academic • Mixed-use | <p>Hotels</p> <ul style="list-style-type: none"> • Airports • Residential Buildings |
|---|---|---|--|





AHSS016



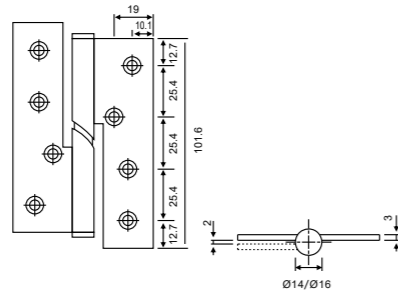
Stainless Steel Rising Hinge

- Standard weight, two knuckle hinges
- Close by itself
- For bathroom doors

Dimension(H x W x T)
4.0" x 3.0" x 3.0mm - Φ14
4.0" x 3.0" x 3.0mm - Φ16
4.0" x 3.0" x 2.0mm - Φ11



AHSS017

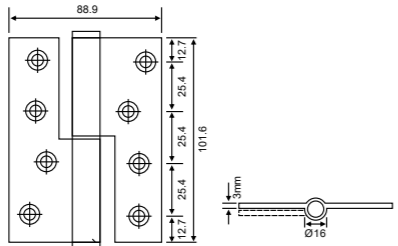


Stainless Steel Falling Hinge

Dimension(H x W x T)
4.0" x 3.0" x 3.0mm - Φ14
4.0" x 3.0" x 3.0mm - Φ16



AHSS018

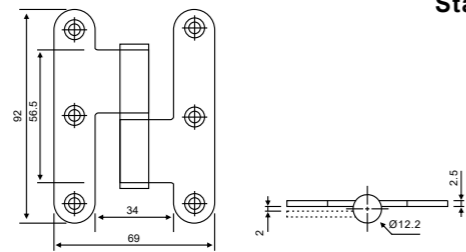


Stainless Steel Lift-off Hinge

Dimension(H x W x T)
90 x 70 x 2.5mm
4.0" x 3.5" x 3.0mm



AHSS019

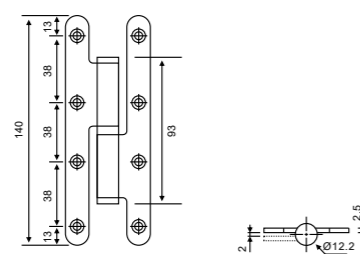


Stainless Steel Round Corner H Hinge

Dimension(H x W x T)
92 x 69 x 2.5mm



AHSS019-B

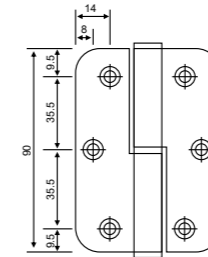


Stainless Steel Round Corner H Hinge

Dimension(H x W x T)
140 x 55 x 2.5mm



AHSS020

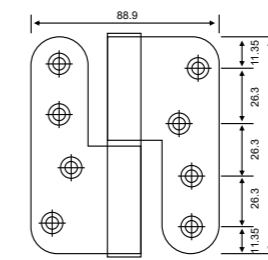


Stainless Steel Lift-off Hinge

Dimension(H x W x T)
80 x 80 x 2.5mm
90 x 65 x 2.5mm
89 x 63.5 x 3.0mm



AHSS021

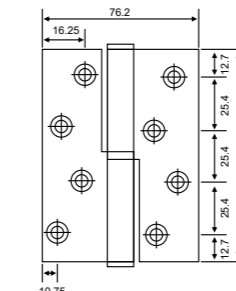


Stainless Steel Lift-off Hinge

Dimension(H x W x T)
4.0" x 3.5" x 3.0mm
90 x 65 x 2.5mm



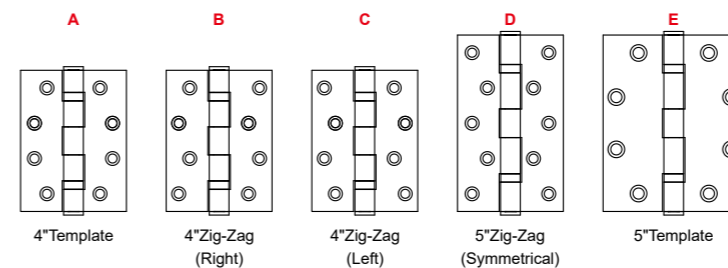
AHSS022



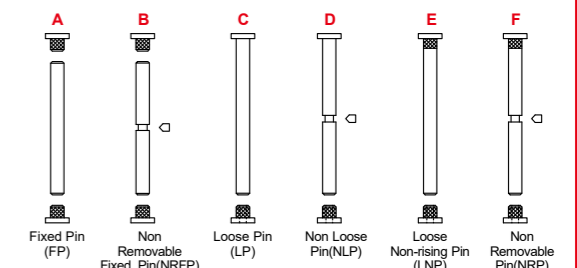
Stainless Steel Lift-off Hinge

Dimension(H x W x T)
90 x 65 x 2.5mm
102 x 76 x 2.5mm
76.2 x 64 x 2.0mm
102 x 76 x 2.0mm

Hole Options:

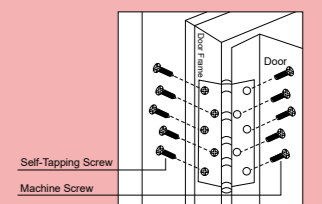



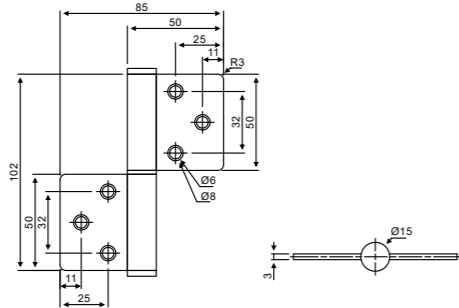
Pin Options:



Application

- | | |
|---|--|
| <p>Doors</p> <ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors • Hollow Metal Doors • Aluminum Doors • Fire-Rated Doors | <p>Projects</p> <ul style="list-style-type: none"> • Stadium • Academic • Mixed-use • Hotels • Airports • Residential Buildings |
|---|--|


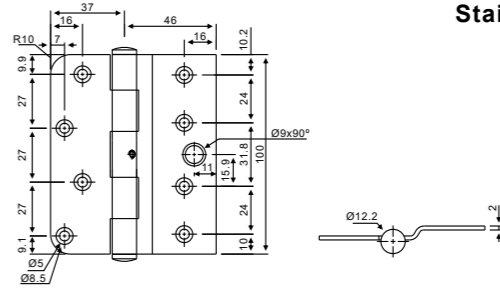


AHSS031

Stainless Steel Flag Hinge


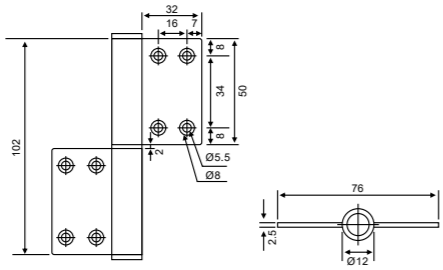
Dimension(H x W x T)
102 x 85 x 3.0mm

AHSS036

Stainless Steel Crank Hinge


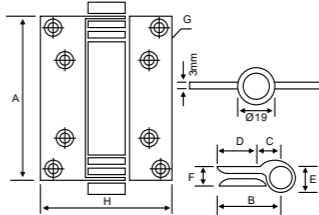
Dimension(H x W x T)
100 x 83 x 2.0mm

AHSS032

Stainless Steel Flag Hinge


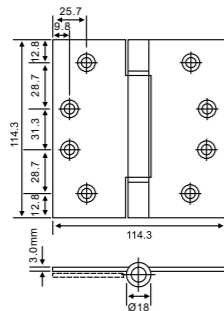
Dimension(H x W x T)
4.0" x 3.0" x 2.5mm
4.0" x 3.5" x 2.5mm

AHSS037

Stainless Steel Single Action Spring Hinge

A	B	C	D	E	F	G	H
102(4")	40	16.5	23.5	24	12.5	5.5	77
127(5")	47.5	15.5	32	24	12.5	5.5	90
153(6")	51.5	16.5	35	24	14	5.5	104


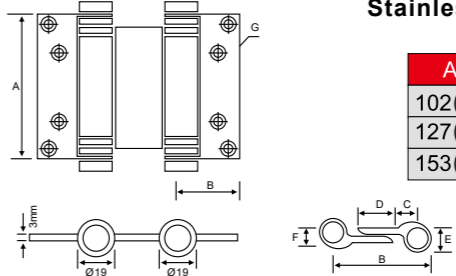



AHSS033

Stainless Steel Action Spring Hinge

- Single Acting, Square Corner Template
- Adjustable Spring Tension
- Close by itself

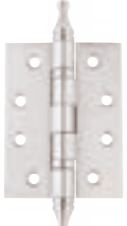
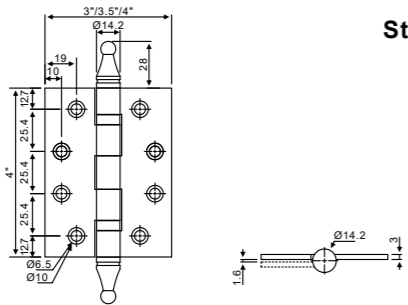
Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 3.0" x 3.0mm	4.5" x 4.0" x 3.0mm
3.5" x 3.5" x 3.0mm	4.5" x 4.5" x 3.0mm
4.0" x 3.0" x 3.0mm	4.5" x 4.0" x 3.4mm
4.0" x 4.0" x 3.0mm	4.5" x 4.5" x 3.4mm

AHSS038

Stainless Steel Double Action Spring Hinge

A	B	C	D	E	F	G	H
102(4")	40	16.5	23.5	25	16.3	5.5	54.5
127(5")	47.5	15.5	32	25	17.5	5.5	64
153(6")	51.5	16.5	35	25	17.5	5.5	70.5

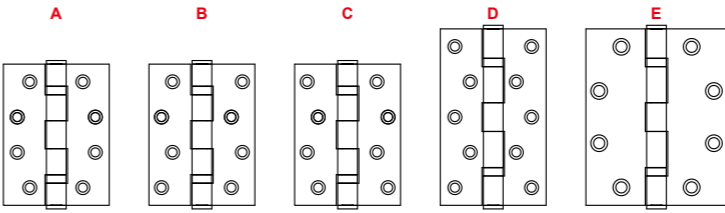



AHSS034-B

Stainless Steel Hinge With Crown Tip

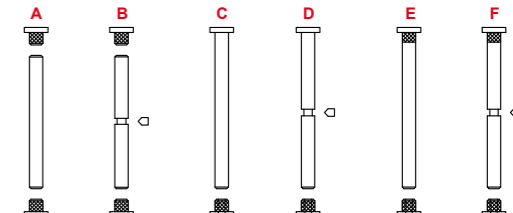
Dimension(H x W x T)
4.0" x 3.0" x 3.0mm
4.0" x 3.5" x 3.0mm
4.0" x 4.0" x 3.0mm

Hole Options:


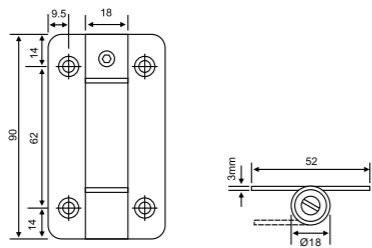


A 4"Template
B 4"Zig-Zag (Right)
C 4"Zig-Zag (Left)
D 5"Zig-Zag (Symmetrical)
E 5"Template

Pin Options:



A Fixed Pin (FP)
B Non Removable Fixed Pin(NRFP)
C Loose Pin (LP)
D Non Loose Pin(NLP)
E Non-rising Pin (LNP)
F Non Removable Pin(NRP)

AHSS035

Stainless Steel Single Action Hinge

Dimension(H x W x T)
90 x 52 x 2.0mm - Φ 18

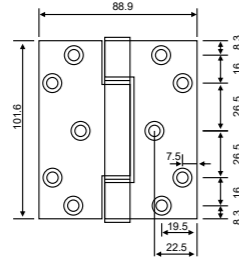
Application

Doors	Projects
<ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors • Hollow Metal Doors • Aluminum Doors • Fire-Rated Doors 	<ul style="list-style-type: none"> • Stadium • Academic • Mixed-use • Hotels • Airports • Residential Buildings



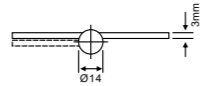


AHSS039

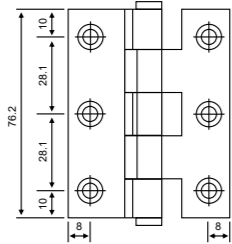


Stainless Steel 3 Knuckle Double Washers Hinge

Dimension(H x W x T)
4.0" x 3.0" x 3.0mm
4.0" x 3.5" x 2.0mm

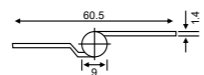


AHSS040

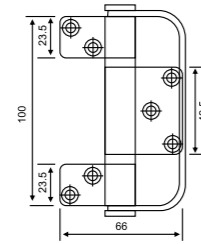


Stainless Steel Crank Hinge

Dimension(H x W x T)
4.0" x 3.0" x 2.0mm

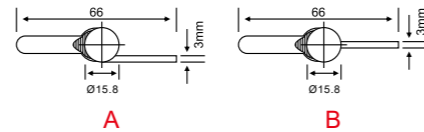


AHSS041

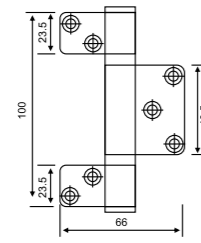


S / Steel 2 Ball Bearing Three Leaves Hinge With Handle for Folding Door

Dimension(H x W x T)
100 x 66 x 3.0mm

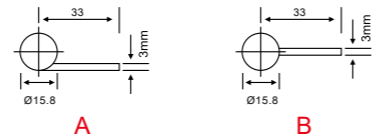


AHSS042

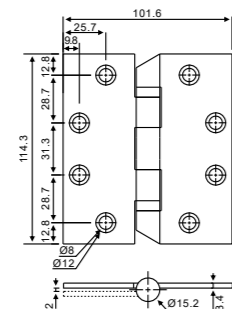


Stainless Steel Three Leaves Hinge for Folding Door

Dimension(H x W x T)
100 x 66 x 3.0mm



AHSS044-B



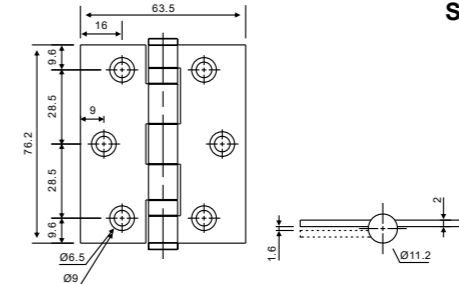
Stainless Steel Hospital Hinge

- Hospital tip hinge
- Sloped tip prevents hanging any objects on the tip of the hinge, making it difficult to attach rope, wearing apparel etc.
- Double ball bearing, five knuckle hinge

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 3.0" x 3.0mm	4.5" x 4.0" x 3.4mm
4.0" x 3.5" x 3.0mm	4.5" x 4.5" x 3.4mm
4.0" x 4.0" x 3.0mm	5.0" x 3.0" x 3.0mm
4.5" x 4.5" x 3.0mm	5.0" x 5.0" x 3.0mm



AHSS045-B

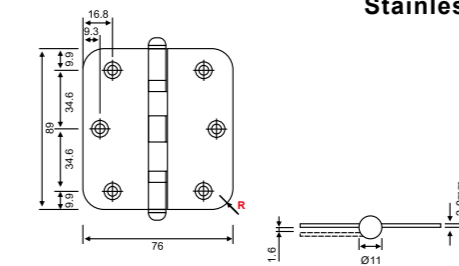


Stainless Steel Door Hinge

Dimension(H x W x T)
3.0" x 2.5" x 2.0mm
3.0" x 3.0" x 2.0mm
3.5" x 3.0" x 2.0mm
3.5" x 3.5" x 2.0mm
3.0" x 3.0" x 3.0mm
3.5" x 3.5" x 3.0mm



AHSS046



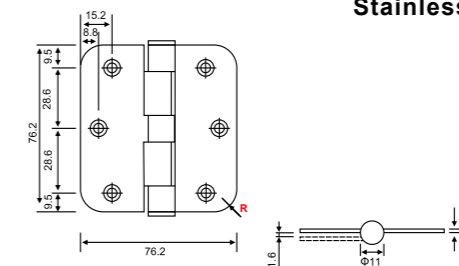
Stainless Steel Door Hinge With Ball Tip

Dimension(H x W x T)
3.0" x 2.5" x 2.0mm
3.0" x 3.0" x 2.0mm
3.5" x 3.0" x 2.0mm
3.5" x 3.5" x 2.0mm
3.0" x 3.0" x 3.0mm
3.5" x 3.5" x 3.0mm

R=1/4", 3/8"



AHSS047

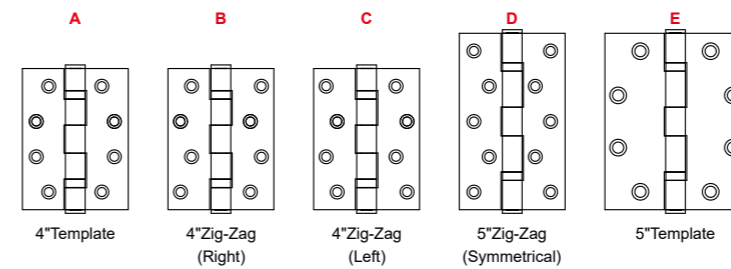


Stainless Steel Hinge With Round Corner

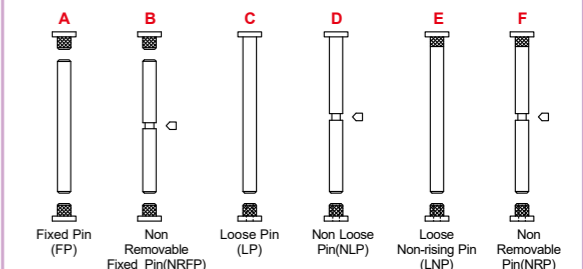
Dimension(H x W x T)
3.0" x 2.5" x 2.0mm
3.0" x 3.0" x 2.0mm
3.5" x 3.0" x 2.0mm
3.5" x 3.5" x 2.0mm
3.0" x 3.0" x 3.0mm
3.5" x 3.5" x 3.0mm

R=1/4", 3/8"

Hole Options:



Pin Options:



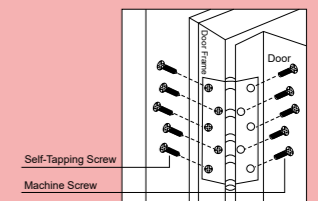
Application

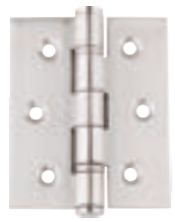
Doors

- Wooden Doors
- Steel Doors
- Office Doors
- Hollow Metal Doors
- Aluminum Doors
- Fire-Rated Doors

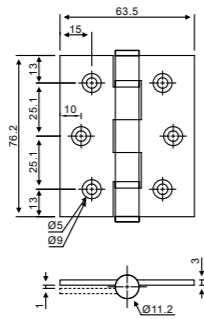
Projects

- Stadium
- Academic
- Mixed-use
- Hotels
- Airports
- Residential Buildings





AHSS048-B

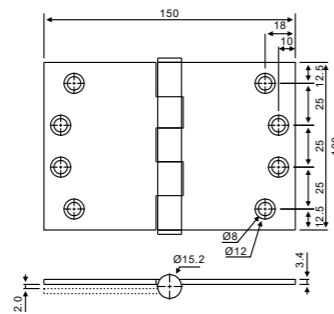


Stainless Steel Washer Hinge

Dimension(H x W x T)
3.0 x 2.0 x 2.0mm
3.0 x 2.5 x 3.0mm



AHSS049

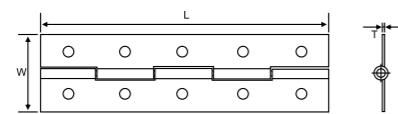


Stainless Steel Projection Hinge

Dimension(H x W x T)
100 x 125 x 3.4mm
100 x 150 x 3.4mm
100 x 180 x 3.4mm
100 x 200 x 3.4mm
100 x 230 x 3.4mm
100 x 250 x 3.4mm
100 x 300 x 3.4mm



AHSS050

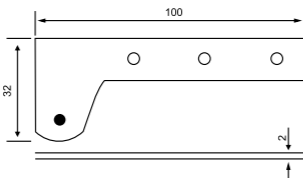


Continuous Hinge / Piano Hinge

Material: stainless steel, or steel, or brass
 Screw holes: drilled and undrilled
 Size: L=1800mm, 2000mm, standard.
 Other sizes are workable
 W=1, 1-1/16", 1-1/5", 1-1/4", 1-3/8", 1.5", 2.0", 2.5", 3.0", 4.0"
 T=0.5mm min 4.0mm max
 Finish: self-color standard, SSS, PSS



AHSS051

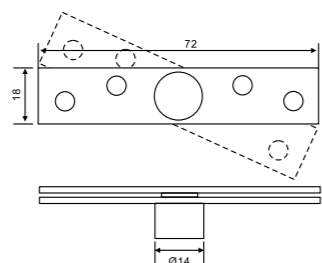


Stainless Steel Pivot Hinge

Dimension(H x W x T)
100 x 32 x 2.0mm



AHSS055

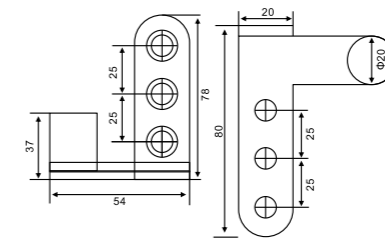


Stainless Steel Floor Hinge

Dimension(H x W x T)
72 x 18 x 3.0mm



AHSS056

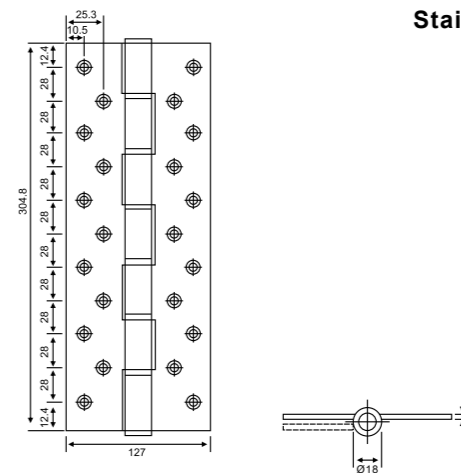


Stainless Steel Lever Hinge

Dimension(H x W x T)
80 x 54 x 3.0mm



AHSS053

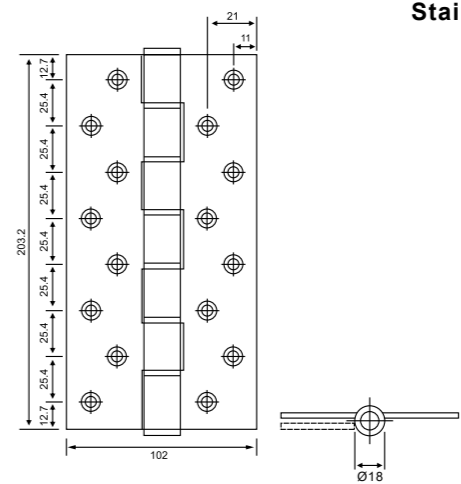


Stainless Steel Heavy Duty Hinge

Dimension(H x W x T)
12" x 6" x 10.0mm
12" x 5" x 10.0mm
12" x 5" x 4.7mm
10" x 5" x 10.0mm
10" x 5" x 4.7mm



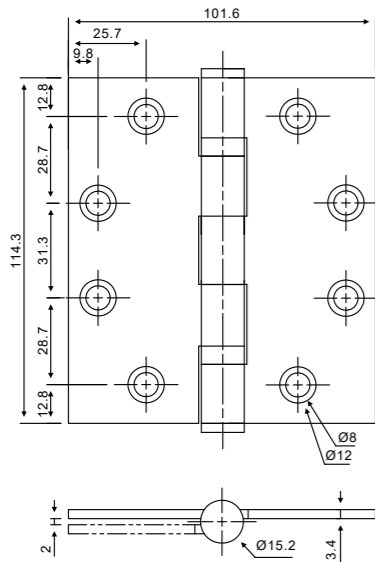
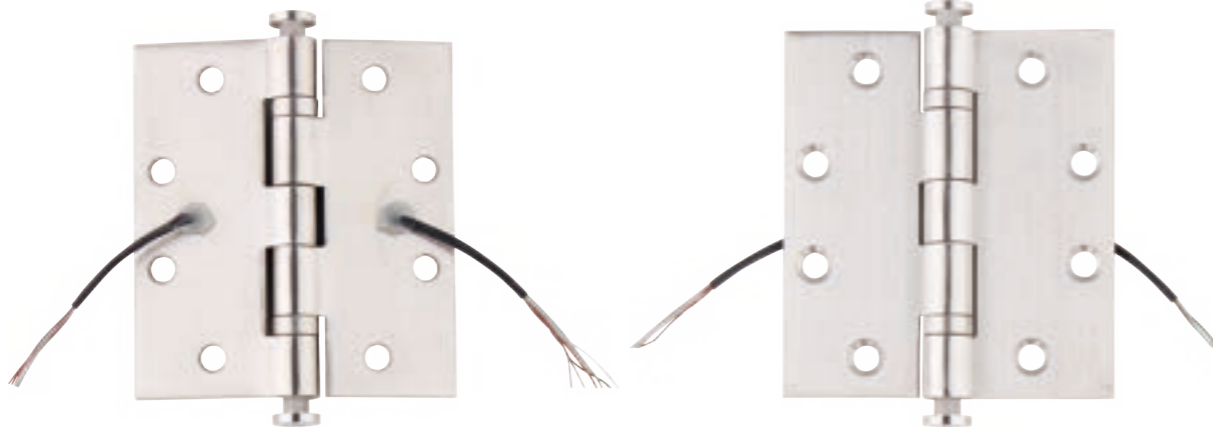
AHSS054



Stainless Steel Heavy Duty Hinge

Dimension(H x W x T)
8" x 5" x 4.7mm
8" x 4.5" x 4.7mm
8" x 4" x 3.0mm

Electric Transfer Butt Hinge AHTD001

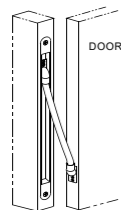
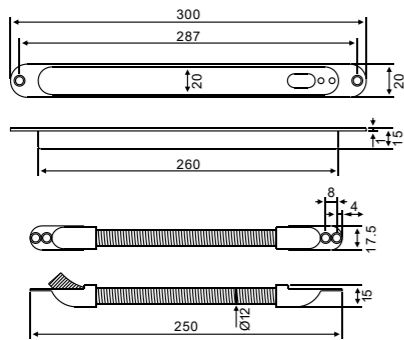


Features

- 5 Knuckle Standard Weight Transfer Hinges
- Center located wire access holes for easy installation (5 Knuckle std. wt.)
- Plastic wire access cap for added wire protection
- Material in SUS304
- Finish in Satin
- Size 4.5x4.0x3.4mm

The Energy Transfer Hinge (ETH) is the ideal way to pass low voltage power from the hinge jamb to the lockset without having any exposed wires. These hinges are commonly used with electric mortise & cylindrical locks, electric strikes (when on a pair of doors), electric exit trims, latch pullback devices, door mounted card readers and low voltage door lights.

Power Transfer Device AHTD002

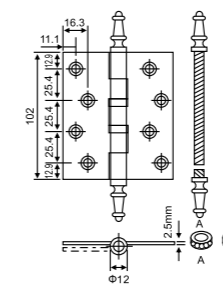


Features

- Power Transfer Device are designed to ensure unbroken transfer of wires between door and frame in electric locking situations.
- Recommended for wood and hollow metal fire rated door applications.
- Completely concealed when the door is closed.
- Material in SUS304.
- Finish in Satin.

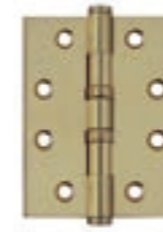


AHBH002

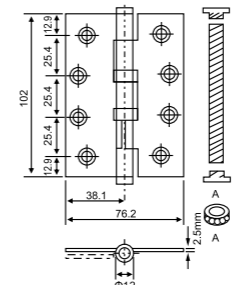


Solid Brass 2 Ball Bearing Steeple Tip Hinge

Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 2.0" x 2.0mm	5.0" x 4.0" x 2.5mm	4.5" x 4.0" x 3.5mm
3.0" x 2.5" x 2.0mm	4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.5mm
4.0" x 3.0" x 2.0mm	4.0" x 4.0" x 3.0mm	5.0" x 5.0" x 3.5mm
3.0" x 3.0" x 2.0mm	4.5" x 4.0" x 3.0mm	4.0" x 3.5" x 4.0mm
4.0" x 3.5" x 2.0mm	4.5" x 4.5" x 3.0mm	4.5" x 4.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.0" x 3.0mm	4.5" x 4.5" x 4.0mm
3.5" x 3.5" x 2.5mm	5.0" x 3.5" x 3.0mm	5.0" x 3.0" x 4.0mm
3.5" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	5.0" x 4.0" x 4.0mm
4.0" x 3.0" x 2.5mm	6.0" x 4.0" x 3.0mm	5.0" x 5.0" x 4.0mm
5.0" x 3.0" x 2.5mm	6.0" x 5.0" x 3.0mm	5.0" x 4.5" x 4.5mm



AHBH005

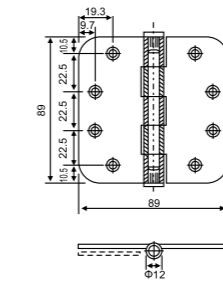


Solid Brass 2 Ball Bearing Hinge

Dimension(H x W x T)	Dimension(H x W x T)	Dimension(H x W x T)
3.0" x 2.0" x 2.0mm	5.0" x 4.0" x 2.5mm	4.5" x 4.0" x 3.5mm
3.0" x 2.5" x 2.0mm	4.0" x 3.0" x 3.0mm	4.5" x 4.5" x 3.5mm
4.0" x 3.0" x 2.0mm	4.0" x 4.0" x 3.0mm	5.0" x 5.0" x 3.5mm
3.0" x 3.0" x 2.0mm	4.5" x 4.0" x 3.0mm	4.0" x 3.5" x 4.0mm
4.0" x 3.5" x 2.0mm	4.5" x 4.5" x 3.0mm	4.5" x 4.0" x 4.0mm
4.0" x 4.0" x 2.0mm	5.0" x 3.0" x 3.0mm	4.5" x 4.5" x 4.0mm
3.5" x 3.5" x 2.5mm	5.0" x 3.5" x 3.0mm	5.0" x 3.0" x 4.0mm
3.5" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm	5.0" x 4.0" x 4.0mm
4.0" x 3.0" x 2.5mm	6.0" x 4.0" x 3.0mm	5.0" x 5.0" x 4.0mm
5.0" x 3.0" x 2.5mm	6.0" x 5.0" x 3.0mm	5.0" x 4.5" x 4.5mm



AHBH009

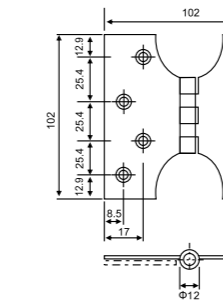


Solid Brass Plain Joint Round Corner Hinge

Dimension(H x W x T)	Dimension(H x W x T)
4.0" x 4.0" x 2.0mm	4.5" x 4.5" x 3.0mm
3.5" x 3.5" x 2.5mm	5.0" x 3.0" x 3.0mm
3.5" x 3.0" x 2.5mm	5.0" x 3.5" x 3.0mm
4.0" x 3.0" x 2.5mm	5.0" x 4.0" x 3.0mm
5.0" x 3.0" x 2.5mm	6.0" x 3.5" x 3.0mm
5.0" x 4.0" x 2.5mm	6.0" x 4.0" x 3.0mm
4.0" x 3.0" x 3.0mm	6.0" x 5.0" x 3.0mm
4.0" x 4.0" x 3.0mm	4.0" x 3.0" x 3.5mm
4.5" x 4.0" x 3.0mm	4.0" x 4.0" x 3.5mm



AHBH012

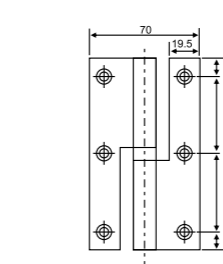


Solid Brass Parliament Hinge

Dimension(H x W x T)
3.0" x 5.0" x 4.0mm
4.0" x 4.0" x 4.0mm
4.0" x 5.0" x 4.0mm
4.0" x 6.0" x 4.0mm
4.0" x 7.0" x 4.0mm



AHBH018



Solid Brass Lift-off Hinge

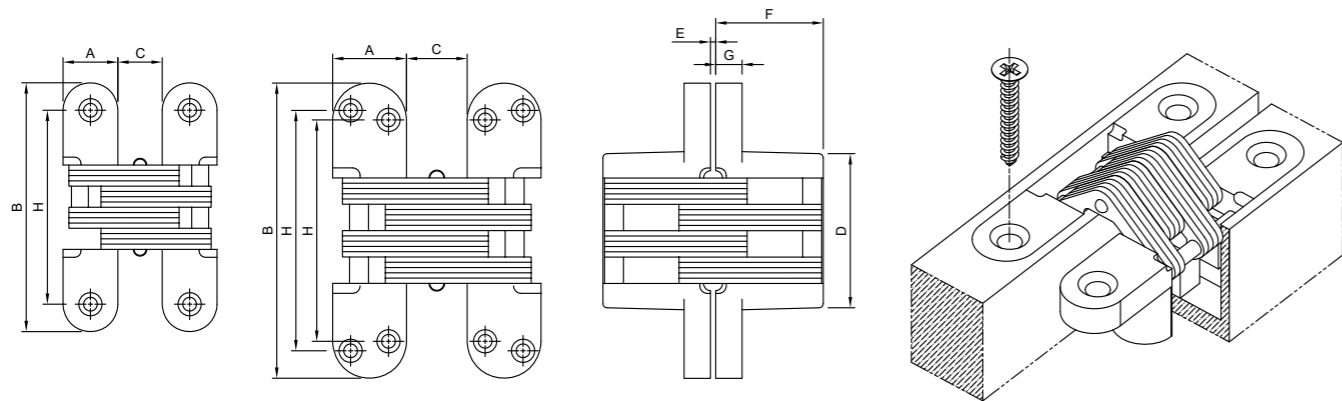
Dimension(H x W x T)
100 x 65 x 3.0mm
120 x 70 x 3.0mm
140 x 70 x 3.0mm
100 x 70 x 3.0mm
100 x 86 x 3.0mm



AHCH007 - Stainless Steel

Features

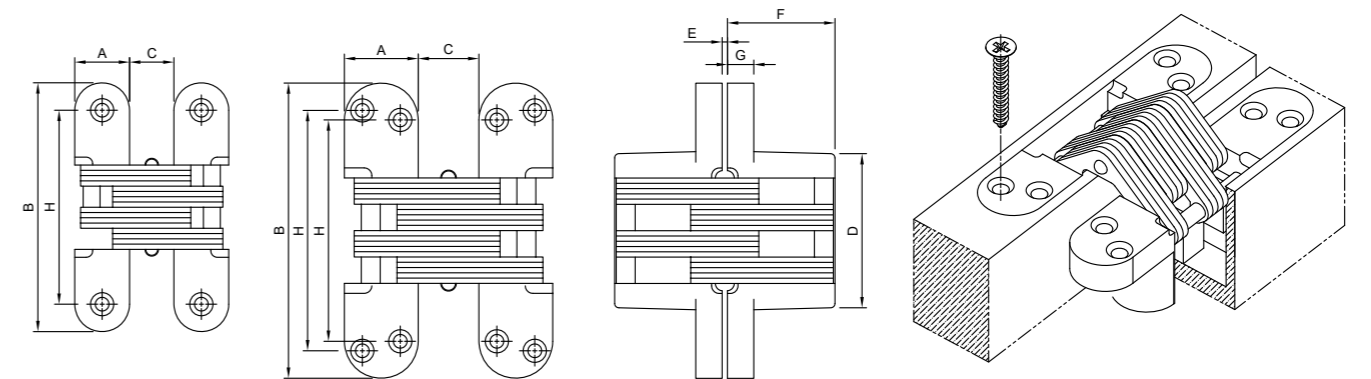
- Casting Stainless Steel Body, Stainless Steel Strips
- Concealed Installation
- Totally Invisible When Door Is Closed
- Non-handed
- Suitable For Timber And Metal Doors
- Finish: SSS, PSS, PB, PVD, AB, AC
- Maximum Opening Angle 180 Degree.
- Standard: 3 Pcs Per Door
- Packed With Screws



AHCH007 - Zinc Alloy

Features

- Casting Zinc Alloy Body, Stainless Steel Strips
- Concealed Installation
- Totally Invisible When Door Is Closed
- Non-handed
- Suitable For Timber And Metal Doors
- Finish: SSS, PSS, PB, PVD, AB, AC
- Maximum Opening Angle 180 Degree.
- Standard: 3 Pcs Per Door
- Packed With Screws



Data Unit (mm)	Stainless Steel Body, Stainless Steel Connecting Strips											
Product Code	Size	Min. Door Thickness	Max. Door Weight	A Hinge Width	B Hinge Length	C	D Mortise Length	E Dimension From Door Edge	F Mortise Depth	G Plate Depth	H CTC	
SS-CC09	34 x 140	50mm	50kg	34	139.5	27.5	74.5	1.6	51	11.5	113.5	102.5
SS-CC08	28 x 118	40mm	40kg	28	118	22	61.5	1.4	41	9.5	93	88
SS-CC07	25 x 118	35mm	30kg	25	118	18	65.3	1	36.5	11.3		90.5
SS-CC06	19 x 95	30mm	25kg	19	95	13	52.5	1.2	27	9		73
SS-CC05	16 x 70	25mm	15kg	16	70	11	34	0.8	22.5	7.4		51
SS-CC04 Spring Type	28 x 118	40mm	40kg	28	118	22	61.5	1.4	41	9.5	93	88
SS-CC03 Spring Type	25 x 118	35mm	30kg	25	118	18	65.3	1	36.5	11.3		90.5

Data Unit (mm)	Zinc Alloy Body, Stainless Steel Connecting Strips											
Product Code	Size	Min. Door Thickness	Max. Door Weight	A Hinge Width	B Hinge Length	C	D Mortise Length	E Dimension From Door Edge	F Mortise Depth	G Plate Depth	H CTC	
ZA-CC09	34 x 140	50mm	50kg	34	140	27.5	74.5	1.6	51	11.5	113.5	102.5
ZA-CC08	28 x 118	40mm	40kg	28	117.5	22	61.5	1.4	41	9.5	93	87
ZA-CC07	25 x 118	35mm	30kg	25	117.5	18	64	1.6	36	11		90
ZA-CC06	19 x 95	30mm	25kg	19	95	13	51.2	1.2	27	9		73
ZA-CC05	16 x 70	25mm	15kg	16	70	11	34	0.8	22.5	7		51
ZA-CC04	13 x 60	20mm	10kg	13	60	9	30.5	0.8	18	6		47
ZA-CC03	13 x 45	20mm	5kg	13	45	9	19	0.8	18	5		30.5
ZA-CC10	28 x 118	40mm	25kg	28	117.5	25	61.5	1.4	44	12		90
ZA-CC11 Spring Type	25 x 118	35mm	30kg	25	117.5	18	64	1.6	36	11.5		90
ZA-CC12 Spring Type	28 x 118	40mm	40kg	28	117.5	22	61.5	1.4	41	9.5	93	87

ADJUSTMENT

Three Way Adjustable

Side	/- 3mm (0.118")
Height	/- 3mm (0.118")
Depth	/- 3mm (0.118")

Side Adjustment (Horizontal)

- Adjust The Adjusting Spindles Using A 4mm (0.157") Allen Key
- Turn Side Adjustment Screw Counterclockwise For Increasing The Air Gap Max. 3mm (0.118") On The Locking Side
- Turn Side Adjustment Screw Clockwise For Decreasing The Air Gap Max. 3mm (0.118") On The Locking Side

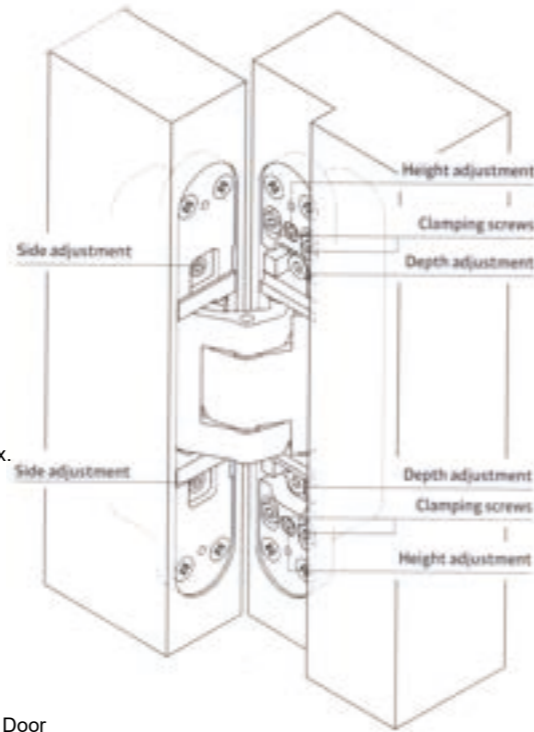
Height Adjustment (ertical)

- Slightly Loosen All Four Clamping Screws On All Hinges
- Adjust The Vertical Position Of The Door
- Turn The Lower Height Adjustment Screw Clockwise For Raising The Door
- Turn The Lower Height Adjustment Screw Counterclockwise For Lowering The Door
- Note: Before Raising The Door Make Sure That The Upper Adjustment Screw Is Loosened.
- Retighten The Clamping Screws On All Hinges

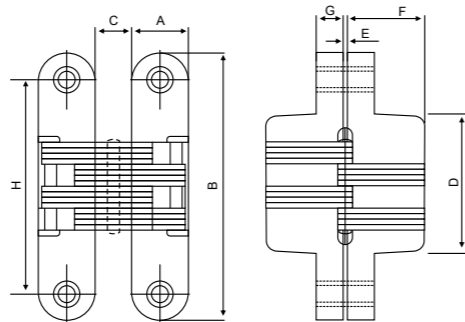
Depth Adjustment (In / Out)

- Slightly Loosen The Fixing Screws
- Align The Door To The Desired Compression
- Retighten The Clamping Screws

All Adjustment Can Be Performed With A 4mm (0157") Allen Wrench.



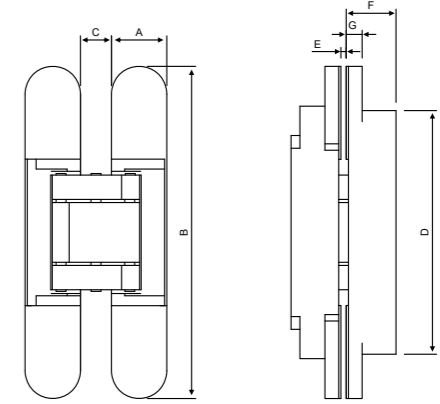
AHCH007-B



- Specification:**
- With Nylon Silencer
 - Material: Stainless Steel / Zinc Alloy



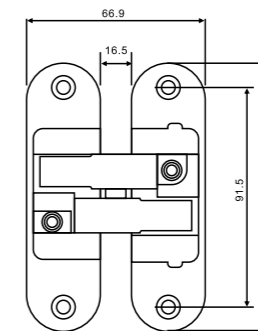
AH-3D



Data Unit (mm)	inc Alloy Body									
Product Code	Size	Min. Door Thickness	Ma - Door Weight	A Hinge Width	B Hinge Length	C	D Mortise Length	E Dimension From Door Edge	F Mortise Depth	G Plate Depth
AH-3D40	25 x 150	35mm	40kg	25	150	14	121	3.5	22.5	6.5
AH-3D60	29.8 x 140	40mm	60kg	29.8	140	21	98	3	25	7
AH-3D80	28 x 177	40mm	80kg	28	177	16	145	3.5	25.5	9
AH-3D100	31.8x 165	45mm	100kg	31.8	165	23	117	3	29	8.2
AH-3D120	34 x 246	45mm	120kg	34	246	18	212.5	3.5	27.5	9



AHCH009

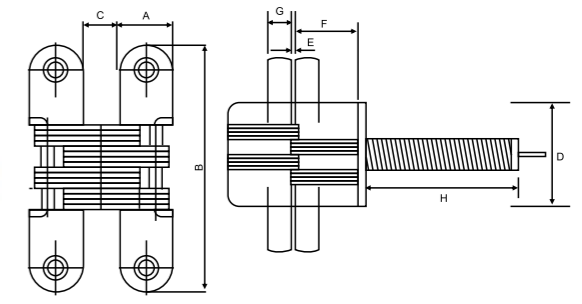


inc Alloy 3-D Adjustable Invisible Hinge

Art. No.	Dimension(H x W x T)
AHCH009-A	30 x 110mm
AHCH009-B	23 x 95mm
AHCH009-C	28 x 135mm



AHCH010



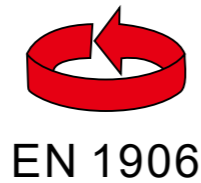
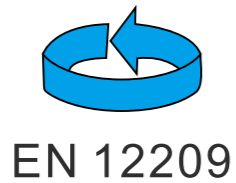
Stainless Steel Adjustable Spring Invisible

Art. No.	Dimension(H x W x T)
ZA-CC12	28 x 118 x 22mm
SS-CC04	28 x 118 x 22mm

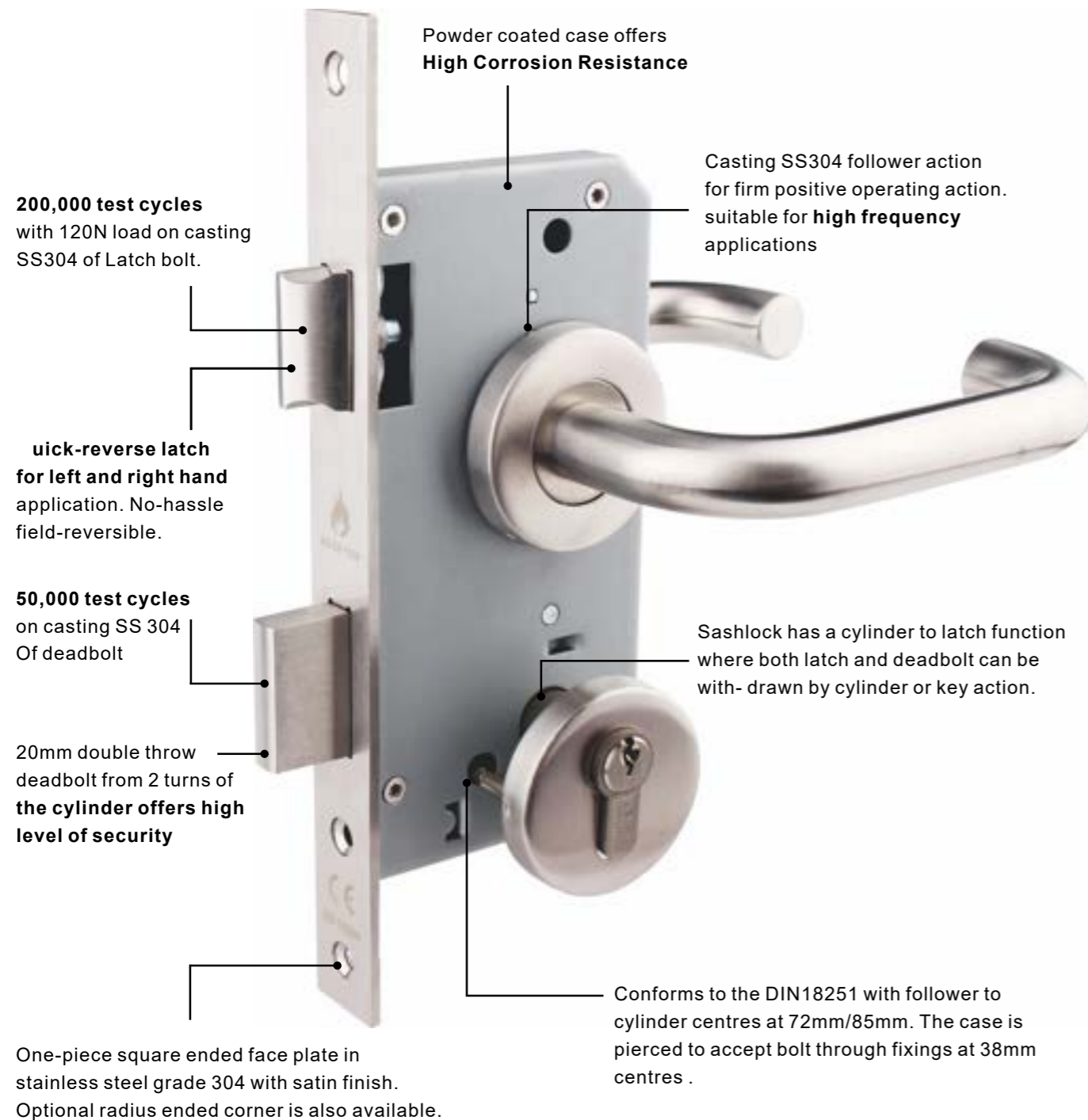


AA
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ARGON HARDWARE CE mark European Mortise Lock Successfully tested for conformity to all the requirements of BS EN 12209, 11 Classification: 3 9 1 0 G 3 B C 2 0

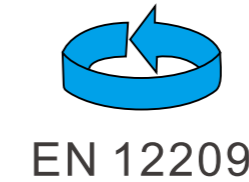


Introduction - Mortise Locks

The ARGON HARDWARE range of architectural locks is manufactured to the highest engineering standards and designed to offer a high price / performance ratio.

They have been successfully type tested to all the requirements of BS EN 12209 / EN 1634, 260 Minutes Fire Rated.

Solid stainless steel latchbolts, deadbolts, followers, forend and strike plate provide enhanced durability and security.

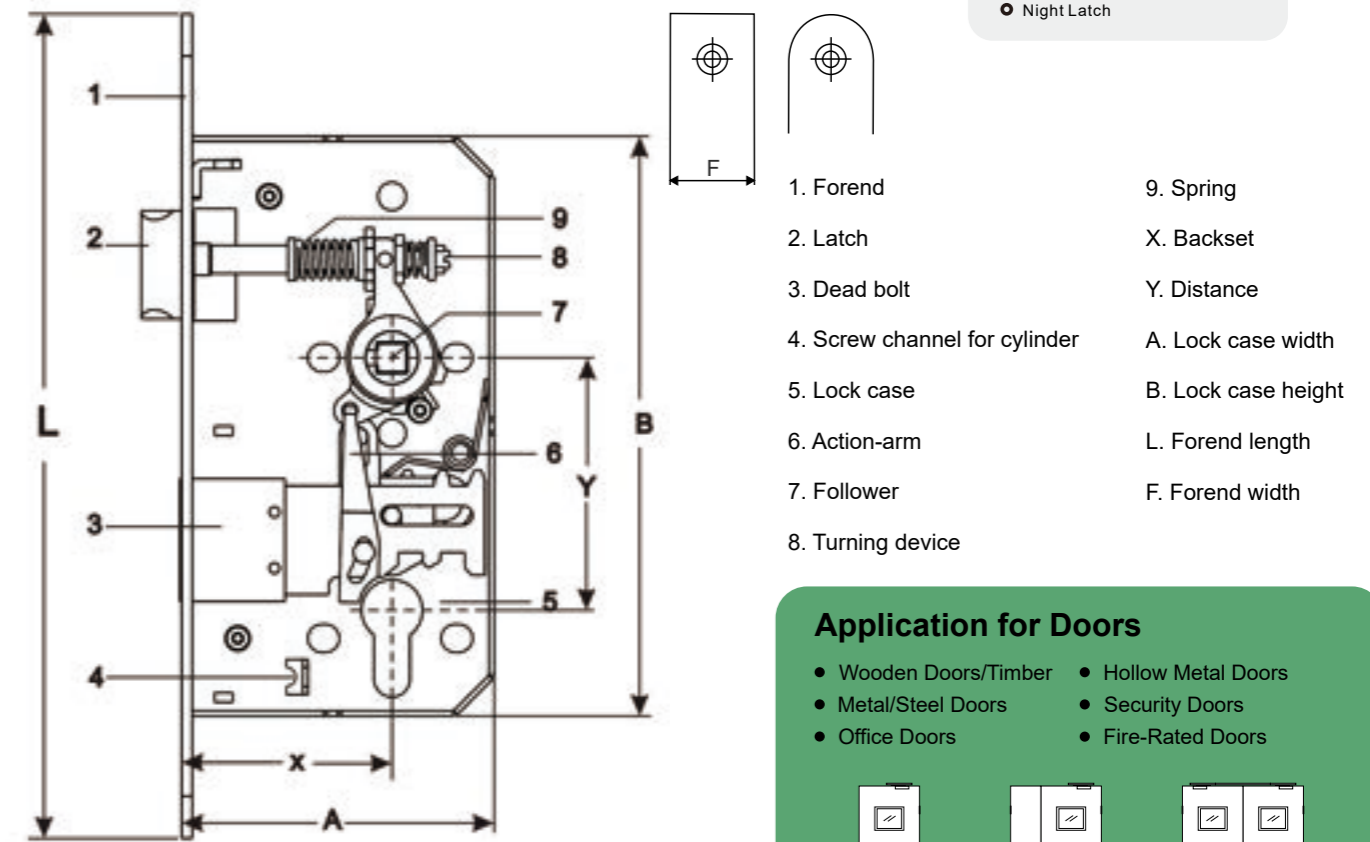


Technical Information:

- BS EN 12209 / DIN 18251, CE Classification: 3X910G3BC20
- Latch (Casting) : SS304 (Durability: Grade X, 200,000 test cycles, 120N load on latch cycles)
- Dead bolt: SS304 (Durability: Grade X, 50,000 test cycles)
- EN 1634:260 Minutes Fire Rated

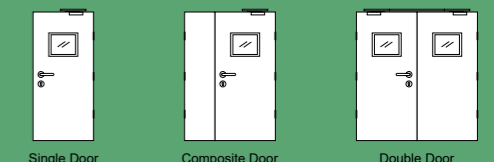
Optional functions:

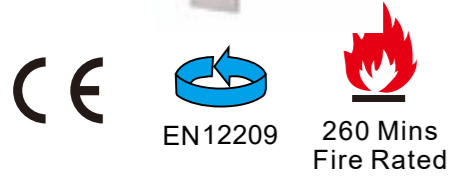
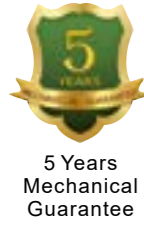
- Escape Door Lock
- Sash Door Lock
- Classroom Lock
- Storeroom Lock
- Privacy Lock
- Passage Lock With Latchbolt
- Deadbolt Lock
- Bathroom Lock
- Night Latch



Application for Doors

- Wooden Doors/Timber
- Metal/Steel Doors
- Office Doors
- Hollow Metal Doors
- Security Doors
- Fire-Rated Doors





Class: **3 910G3BC20**

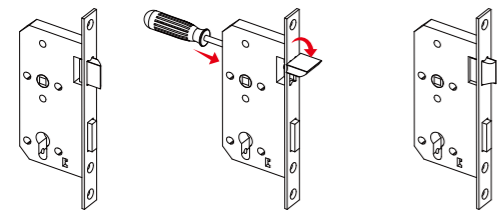
Fire Rated Sash Lock AHML009 (72 centres)

Function: Latchbolt can be operated by lever handles on either side. Deadbolt thrown and retracted from one or from both sides depending on the type of cylinder installed. Cylinder action will operate both deadbolt and latchbolt. Deadbolt 2-turns.

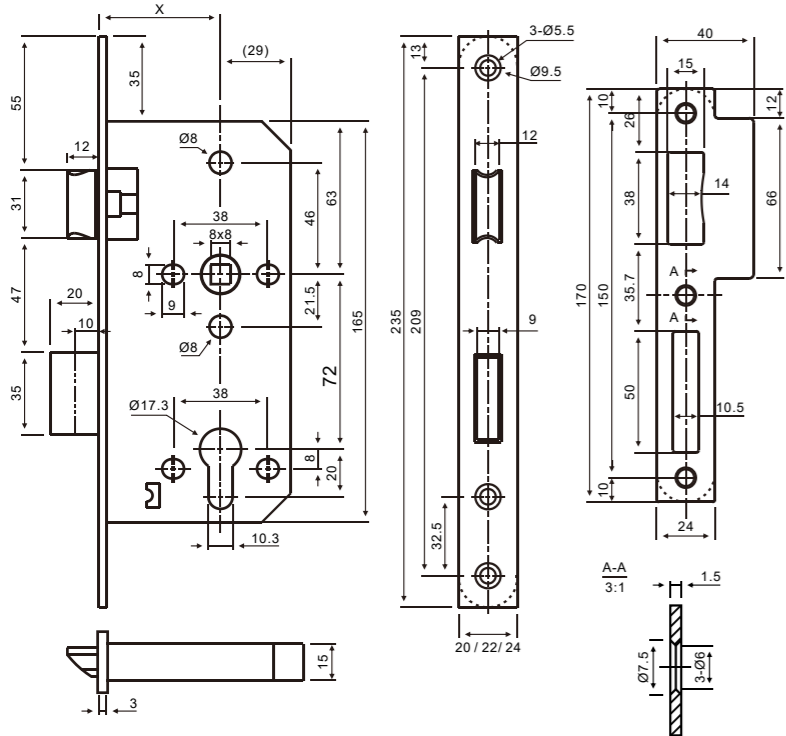
Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	55mm, 60mm, 65mm, 70mm, 80mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike Plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Entrance door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Cylinder can withdraw both latch and deadbolt - offers convenience and safety combined with security.
Pierced to accept bolt through furniture and escutcheons at 38mm centres

Lockcase Reversible Direction



- Art No.:**
- AHML009-5572 55mm
 - AHML009-6072 60mm
 - AHML009-6572 65mm
 - AHML009-7072 70mm
 - AHML009-8072 80mm



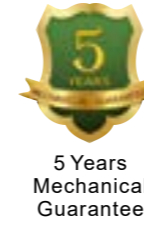
Standard Configuration



Fire Door: rotate the handle to open the door from inside, by key from outside

Smoke Door: open by key in both side

*Master key is available



- Art No.:**
- AHML009-E-5572 55mm
 - AHML009-E-6072 60mm

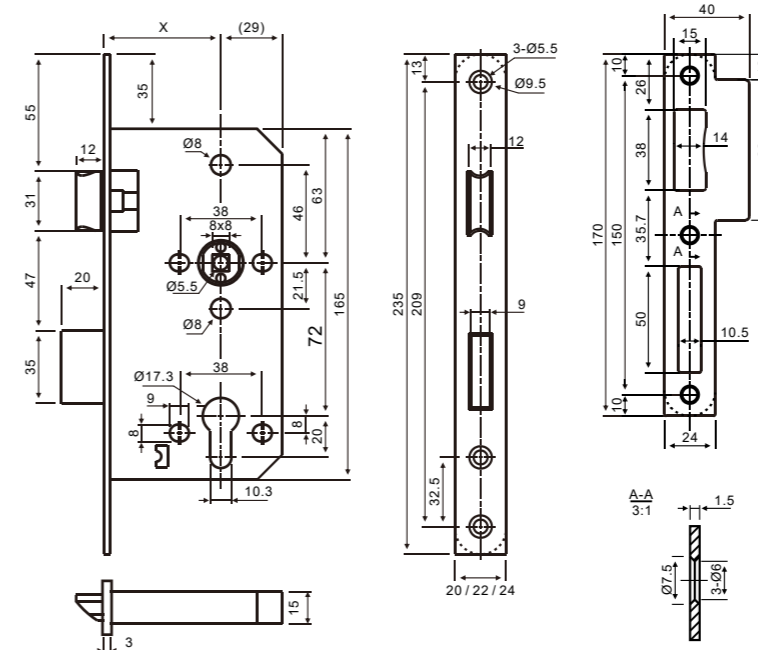
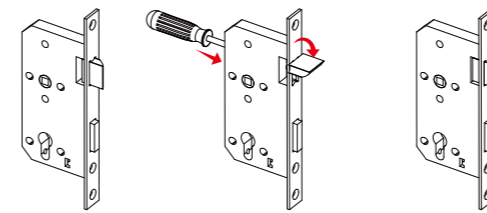
Emergency Escape Lock AHML009-E

Function: Inside Lever handle/panic exit device can withdraw both latchbolt and deadbolt in one action, allowing quick escape for fire and safety reasons, suitable for doors where single action of escape as well as high security is required.

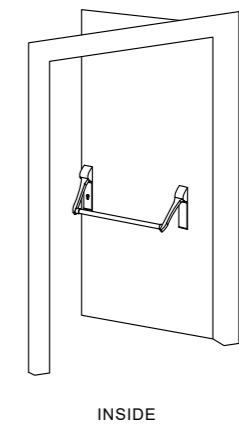
Standards	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
Deadbolt	1-turn
Backset	55mm, 60mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike Plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Escape door of commercial application
Suitable For Door	Escape door, Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Cylinder can withdraw both latch and deadbolt - offers convenience and safety combined with security.
Pierced to accept bolt through furniture and escutcheons at 38mm centres

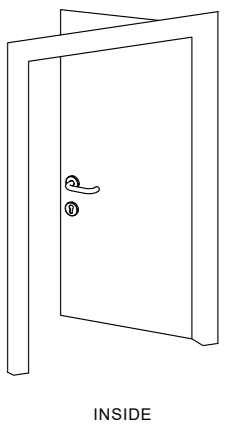
Lockcase Reversible Direction



OPTION A



OPTION B



Inside
The door can be opened by activating the lever handle (escape route function) and locked with the key. The panic function A (reversible function) is only permitted with the key removed, otherwise damages to the lock may occur.

Outside
The door can be opened with the key and by activating the lever handle and locked with the key.

Roller Bolt Euro Dead Lock

AHML010

Function: Roller bolt can be automatic close on either side. Deadbolt thrown and retracted from one or from both sides depending on the type of cylinder installed. Cylinder action will operate deadbolt. Deadbolt 2-turns.

Standards	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
Deadbolt	2-turn
Backset	55mm, 60mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Cylinder can withdraw both latch and deadbolt - offers convenience and safety combined with security.

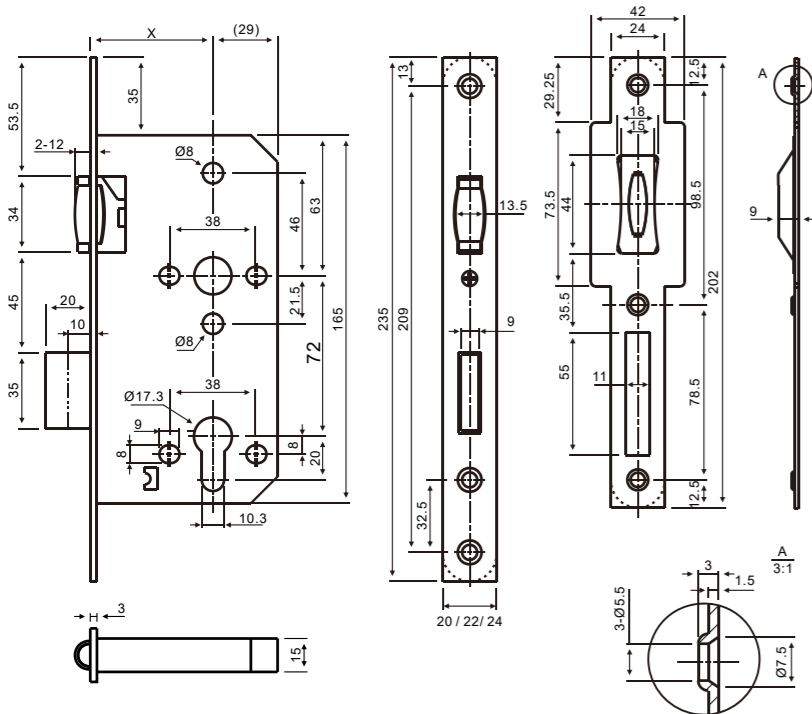
Pierced to accept bolt through furniture and escutcheons at 38mm centres



5 Years Mechanical Guarantee



Art No.:
AHML010-5572 **55mm**
AHML010-6072 **60mm**



Standard Configuration



AHML010 AHLC004 AHLC003

Fire Door: rotate the handle to open the door from inside, by key from outside

Smoke Door : open by key in both side

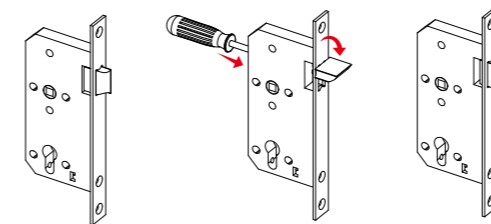
*Master key is available



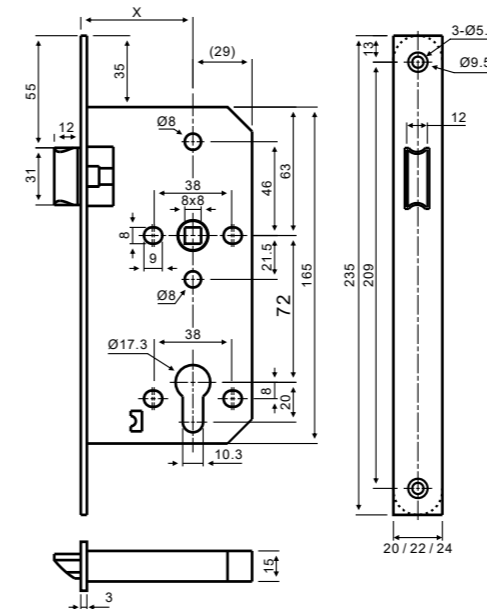
5 Years Mechanical Guarantee



Class: **3 9 1 0 G 3 B C 2 0**



Lockcase Reversible Direction



Fire Rated Latch Lock

AHML011

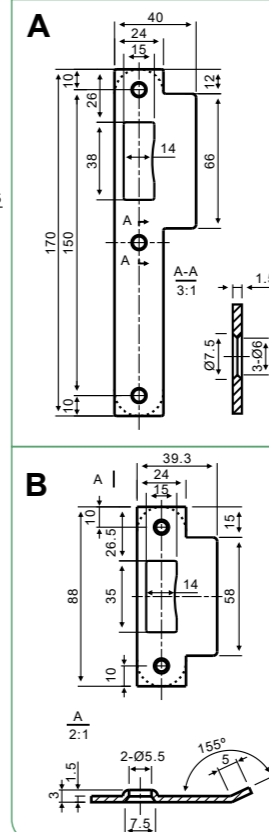
Function: Latchbolt can be operated by lever handles on either side all the time.

Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	55mm, 60mm, 65mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike Plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Passage door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Pierced to accept bolt through furniture and escutcheons at 38mm centres

Art No.:
AHML011-5572 **55mm**
AHML011-6072 **60mm**
AHML011-6572 **65mm**

Strike Plate Option



Standard Configuration



AHML011 AHTH001

Passage Door: unlocked by both sides.

Bathroom Lock

AHML012

Function: Latchbolt operated by lever on either side. Deadbolt is thrown by thumbturn inside. An indicator with an emergency release can be installed on the outside of the door and operates in conjunction with the thumbturn.

Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	55mm, 60mm, 65mm
Distance	78mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Bathroom or Toilet door of commercial or residential
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.



5 Years Mechanical Guarantee



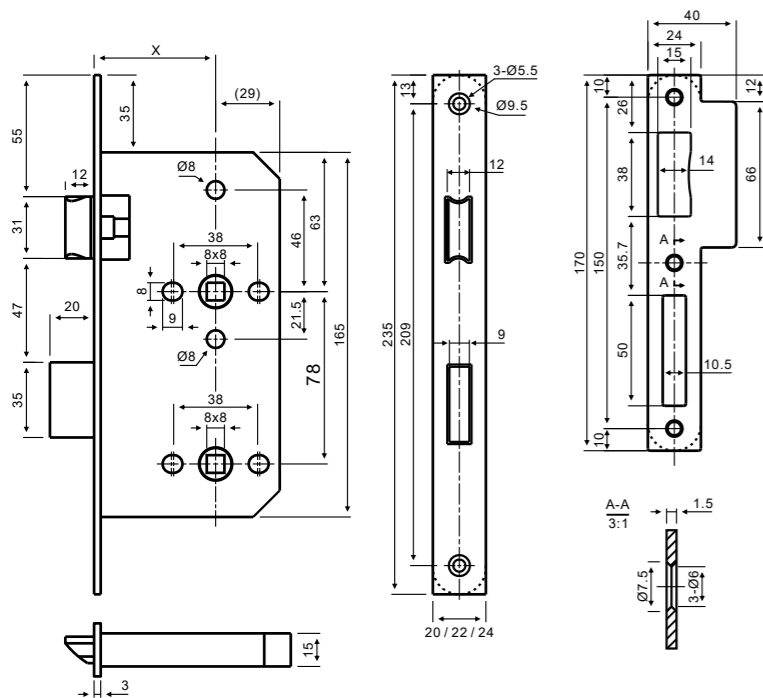
Class: **3 910G3BC20**



260 Mins Fire Rated

Art No.:

- AHML012-5578 55mm
- AHML012-6078 60mm
- AHML012-6578 65mm

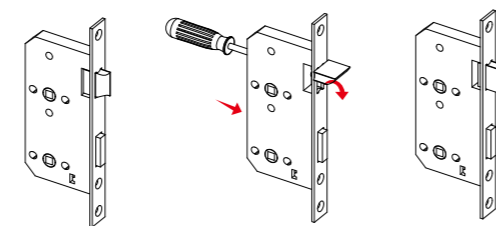


Standard Configuration

AHML012 AHTH001 AHIK002

Bathroom Door: Indicator to show the occupy Emergency open by coin.

Lockcase Reversible Direction



Deadbolt Lock

AHML013

Function: Deadbolt thrown and retracted from one side or from both sides depending on the type of cylinder installed. Deadbolt 2-turns.

Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	55mm, 60mm, 65mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Entrance or storeroom door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Cylinder can withdraw deadbolt - offers safety combined with security.
Pierced to accept bolt through furniture and escutcheons at 38mm centres

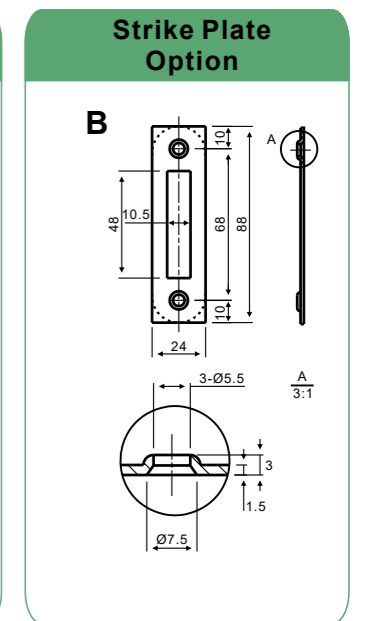
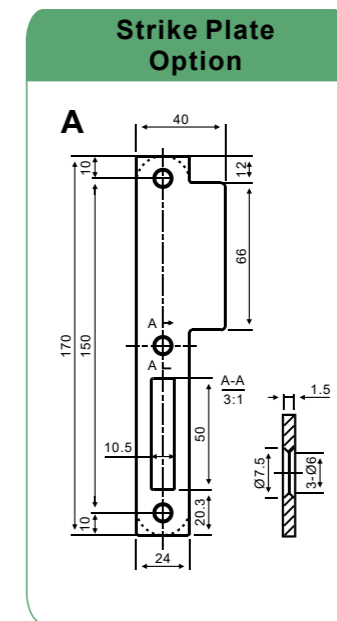
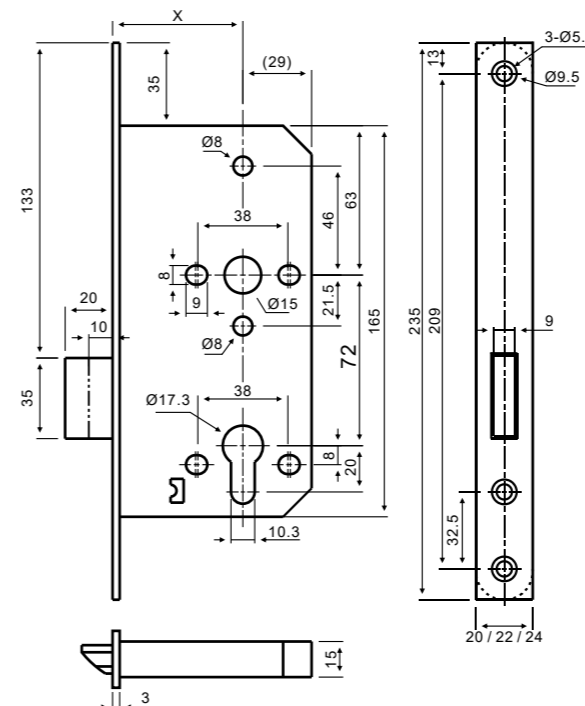
Class: **3 910G3BC20**

Art No.:

- AHML013-5572 55mm
- AHML013-6072 60mm
- AHML013-6572 65mm



260 Mins Fire Rated



Night Latch Lock

AHML014

Function: Latchbolt operated by lever handle or key.
Suitable for doors where single action of escape is required.
The door will be relocked automatically when it closes and the security will be ensured.



Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	55mm, 60mm, 65mm
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Escape door of commercial application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Classroom Lock

AHML015

Latchbolt retracted by lever from either side unless outside is locked by key.
Unlocked from outside by key. inside lever always free for immediate exit.



5 Years Mechanical Guarantee



Standards	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
Backset	55mm, 60mm,
Distance	72mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Classroom door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.



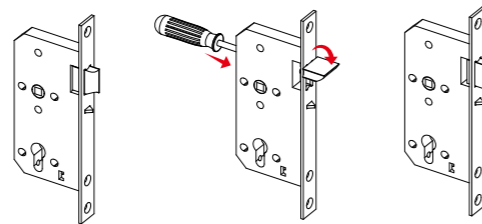
EN12209



260 Mins Fire Rated



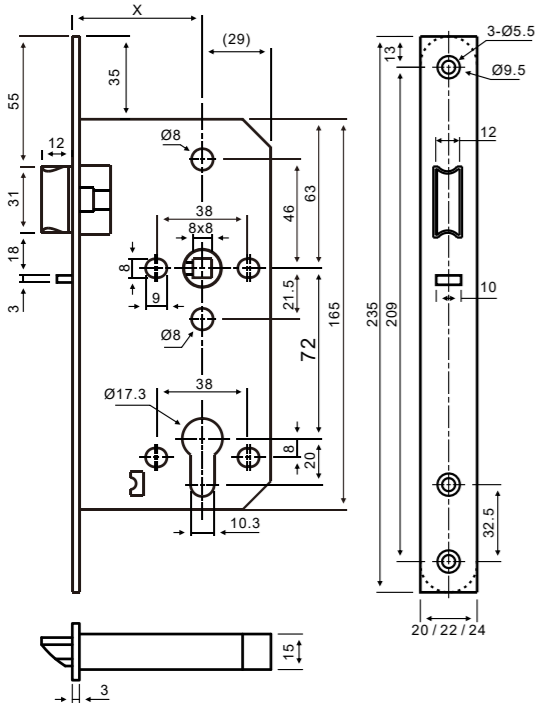
Lockcase Reversible Direction



Class: **3 910G3BC20**

Art No.:

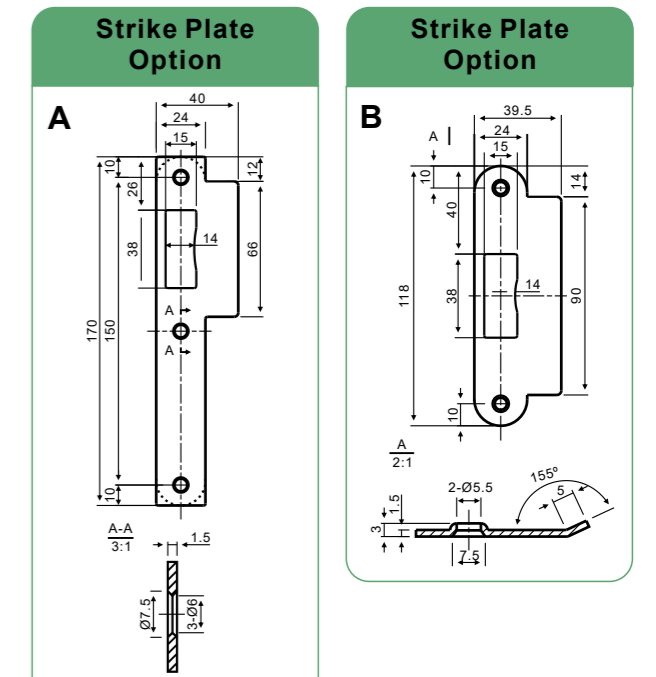
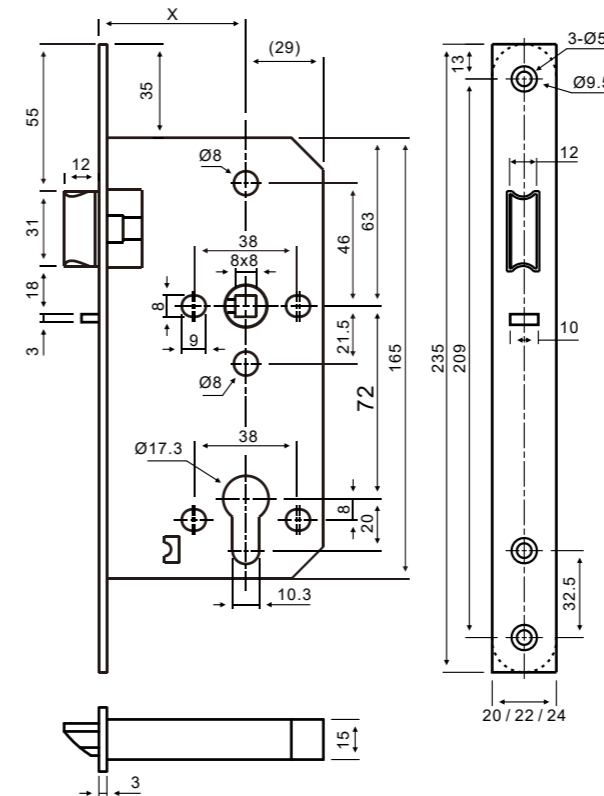
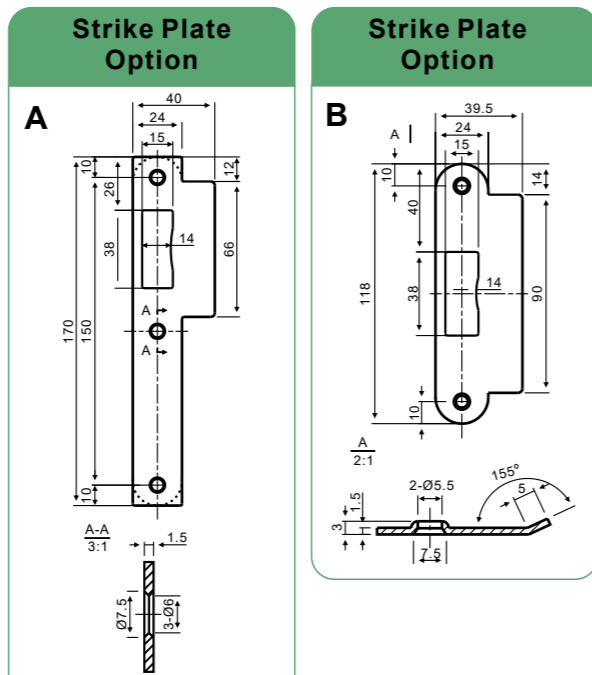
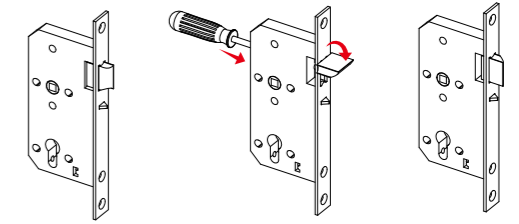
- AHML014-5572 55mm
- AHML014-6072 60mm
- AHML014-6572 65mm



Art No.:

- AHML015-5572 55mm
- AHML015-6072 60mm

Lockcase Reversible Direction





TECHNICAL DATA

Followers	8x8 mm
Distance	72mm 85mm
Backset	40mm 45mm 50mm 55mm 60mm

FOREND

Type	Radius Head Square Head
Thickness	3mm
Width	22mm 23mm 24mm
Finish	SSS PSS PVD AB AC

MATERIAL

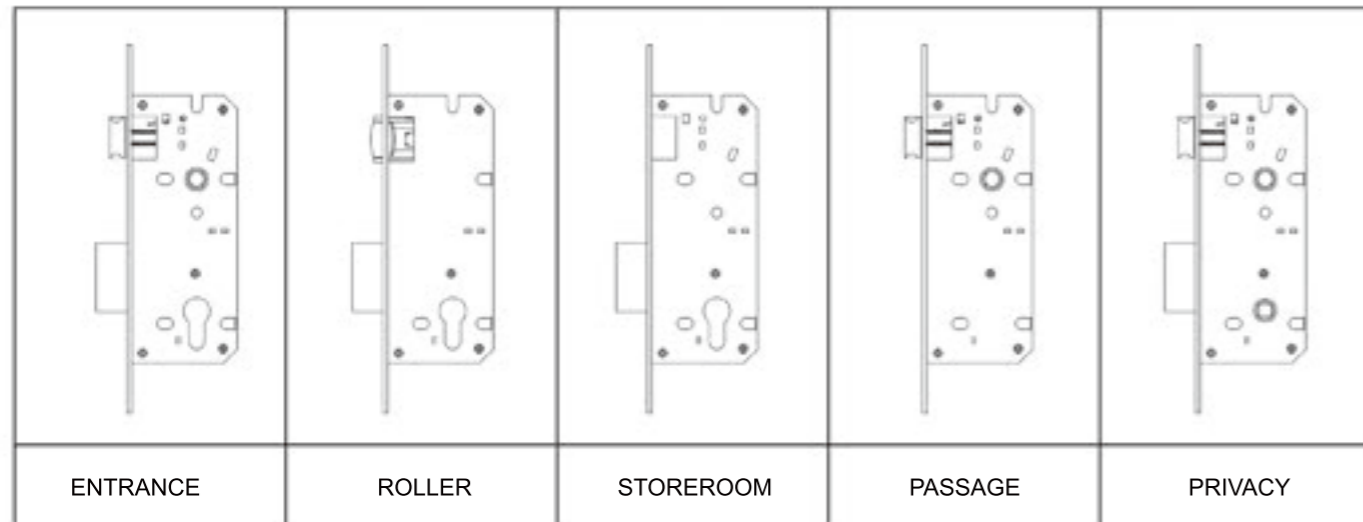
Latch bolt	Brass / Zinc Alloy / Stainless Steel
Dead bolt	Brass / Zinc Alloy / Stainless Steel
Followers	Brass / Zinc Alloy / Stainless Steel
Forend	Stainless Steel

FEATURES

According to EN12209-Grade 3, DIN18251-1
 Applicable for kinds of swing gate, wooden or steel doors etc.
 Prepared for standard Euro profile cylinder
 Latch bolt has reversible ability
 Dead bolt-2 turns

Mortise Lock

FUNCTION



ENTRANCE	ROLLER	STOREROOM	PASSAGE	PRIVACY
AHML016	AHML017	AHML018	AHML019	AHML020



TECHNICAL DATA

Followers	8x8 mm
Distance	85mm 92mm
Backset	20mm 25mm 30mm 35mm

FOREND

Type	Radius Head Square Head
Thickness	2.5 mm
Width	16mm 22mm
Finish	SSS PSS PVD AB AC

MATERIAL

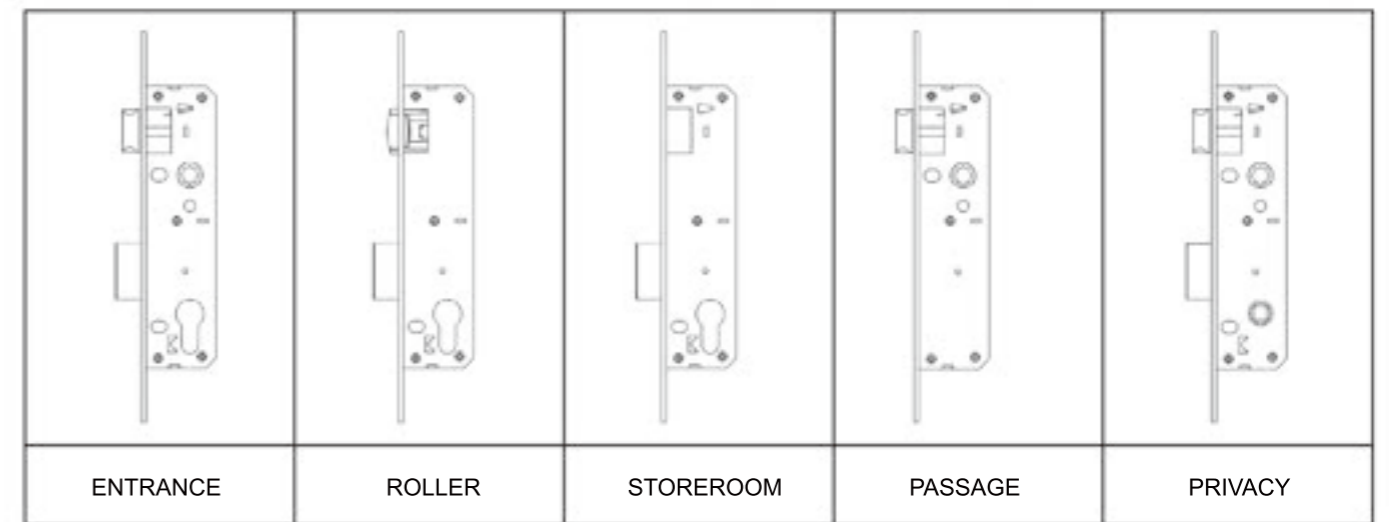
Latch bolt	Brass / Zinc Alloy / Stainless Steel
Dead bolt	Brass / Zinc Alloy / Stainless Steel
Followers	Brass / Zinc Alloy / Steel/ Stainless Steel
Forend	Stainless Steel

FEATURES

According to EN12209-Grade 3, DIN18251-1
 Applicable for kinds of swing gate, wooden or steel doors etc.
 Prepared for standard Euro profile cylinder
 Latch bolt has reversible ability
 Dead bolt-1 turn

Narrow Stile Lock

FUNCTION



ENTRANCE	ROLLER	STOREROOM	PASSAGE	PRIVACY
AHML021	AHML022	AHML023	AHML024	AHML025

Fire Rated Sash Lock

AHML026 (85 centres)

Function: Latchbolt can be operated by lever handles on either side. Deadbolt thrown and retracted from one or from both sides depending on the type of cylinder installed. Cylinder action will operate both deadbolt and latchbolt. Deadbolt 2 turns.



5 Years Mechanical Guarantee



Certification	CE EN12209 / DIN 18251 Grade 3, 200,000 test cycles, EN1634: 260 Min fire rated, EN1670: 240 hours Corrosion Resistance
CE Classification	3X910G3BC20
Backset	45mm, 50mm, 60mm
Distance	85mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike Plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Entrance door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Fire door, Smoke door, Interior door, Outer door, Swing door etc.

Cylinder can withdraw both latch and deadbolt - offers convenience and safety combined with security.
Pierced to accept bolt through furniture and escutcheons at 38mm centres

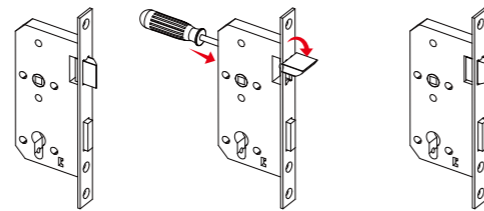


EN12209



260 Mins Fire Rated

Lockcase Reversible Direction



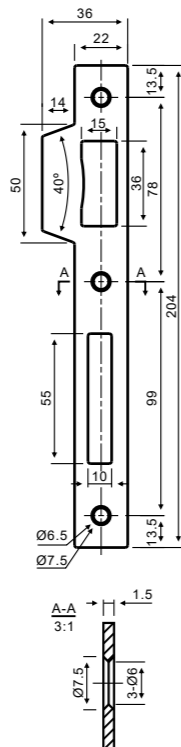
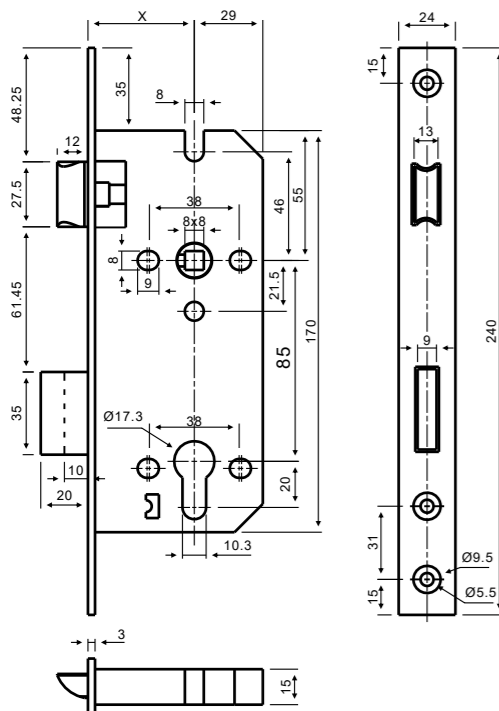
Class: **3 910G3BC20**

Art No.:

AHML026-4585 45mm

AHML026-5085 50mm

AHML026-6085 60mm



Standard Configuration



AHML026 AHTH001 AHLC003

Fire Door: Rotate the handle to open the door from inside, by key from outside

Smoke Door: open by key in both side

*Master key is available

Mortise -Ray Lock

AHML027

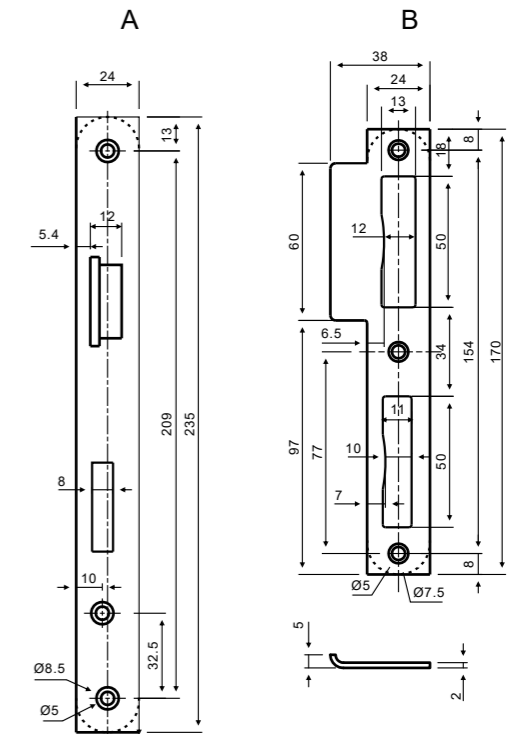
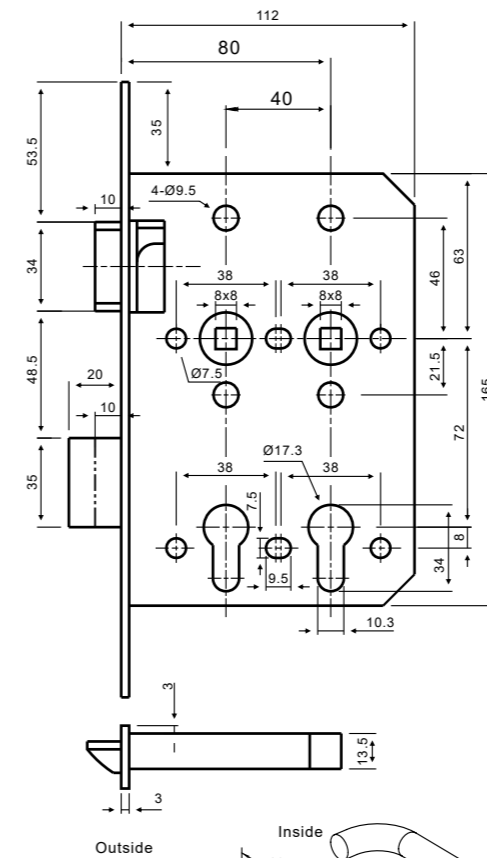
Function: Prevention of X ray Penetration. Latch bolt can be operated by lever handles on either side. Deadbolt thrown and retracted from both side cylinders.



5 Years Mechanical Guarantee



Backset	40mm, 80mm
Distance	72mm
Follower	8x8 mm
Material	Solid SUS 304 Latchbolt & Deadbolt, Follower, SUS 304 Forend, Strike plate
Forend Strike plate	Square or Radius
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For	X-Ray door of Hospital application Ultrasonic test room doors



Standard Configuration



AHML027 AHTH001 AHLC010 x2

Installations: Spindle hole and Cylinder hole only drill one side on door, can not drill through both side.

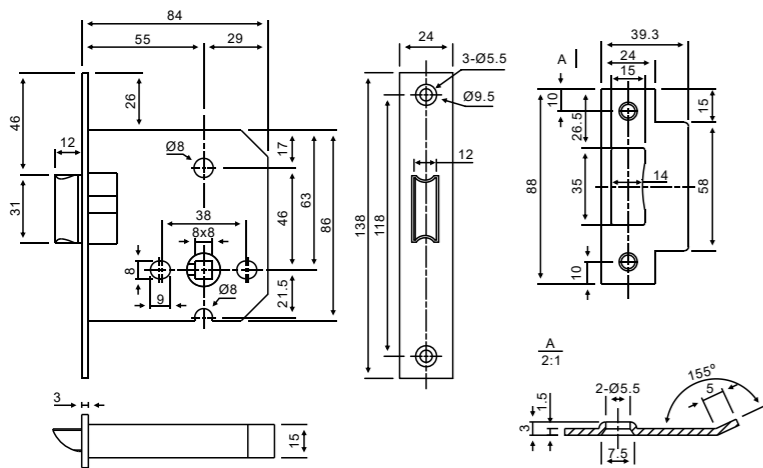


Latch Bolt Lock Body AHML028

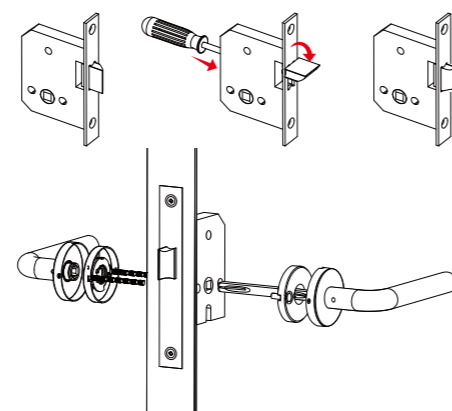
Function: Latchbolt can be operated by lever handles on either side

Backset	55mm
Material	Casting SUS 304 Latchbolt & Follower, SUS 304 Forend, Strike Plate
Forend Strike plate	Square
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Passage door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Interior door, Outer door, Swing door etc.

Pierced to accept bolt through furniture and escutcheons at 38mm centres



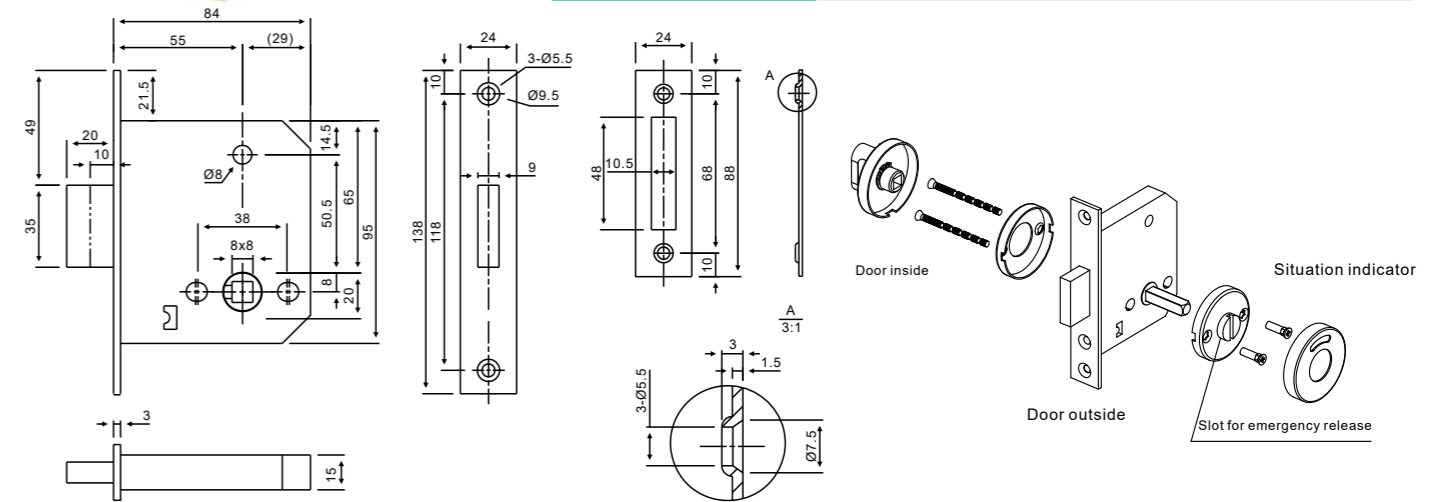
Lockcase Reversible Direction



Deadbolt Lock Body AHML029-B

Function: Deadbolt thrown and retracted from one side or from both sides depending on the type of indicator installed.

Backset	55mm
Material	Solid SUS 304 Deadbolt, SUS 304 Forend, Strike plate
Deadbolt	2 turns
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Toilet door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Interior door, Outer door, Swing door etc.



Deadbolt Lock Body AHML029

Function: Deadbolt thrown and retracted from one side or from both sides depending on the type of cylinder installed.

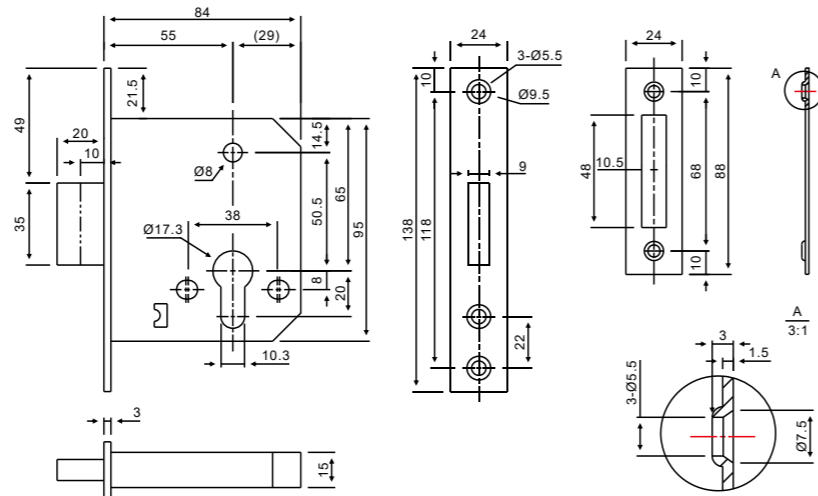
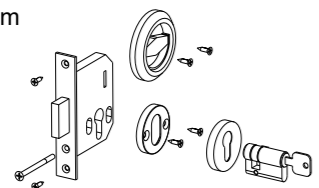
Backset	55mm
Material	Solid SUS 304 Deadbolt, SUS 304 Forend, Strike plate
Deadbolt	2 turns
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Entrance or storeroom door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Interior door, Outer door, Swing door etc.



Standard Configuration

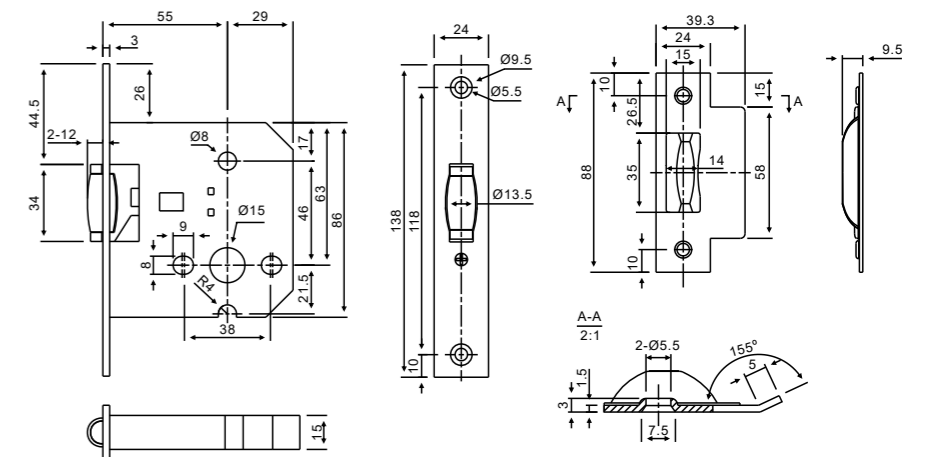


AHML029 AHFH013 AHL0010 AHES001
Tube Wells Door : lock or open outside by key
Installation diagram



Roller Bolt Lock AHML030

Backset available	55mm
Material	Solid SUS 304 Roller Bolt, SUS 304 Forend, Strike plate
Forend plate	W24 x H138 x T3 mm, Square head
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For Door	Wooden door, Metal door, Interior door, Outer door, Swing door etc.

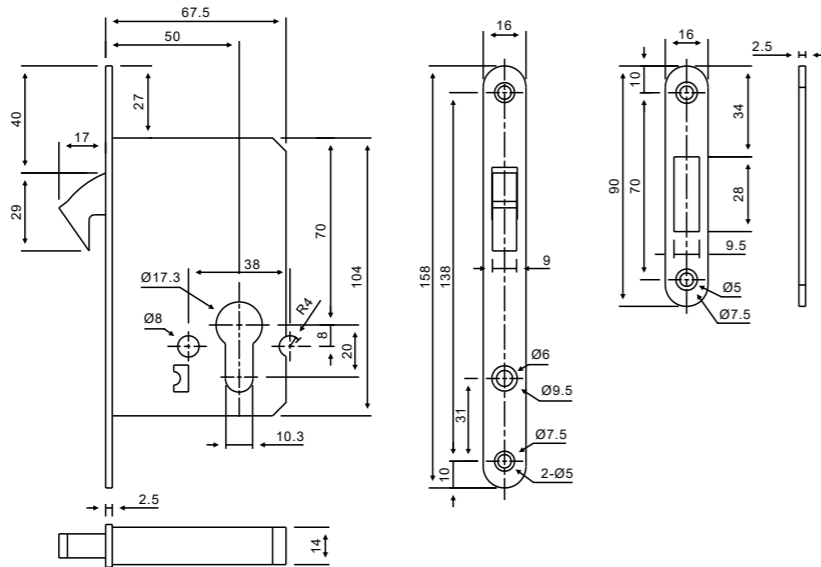




Sliding Door Hook Lock

AHML031

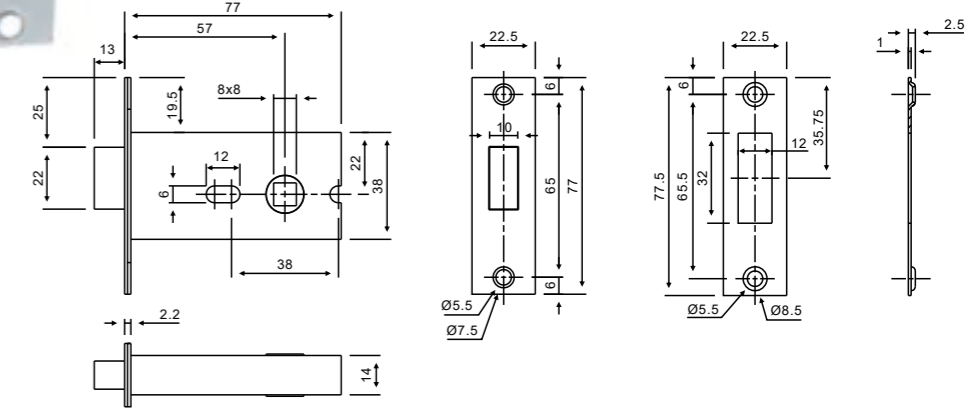
Backset	50mm
Material	Solid SUS 304 Hook Bolt, SUS 304 Forend, Strike plate
Forend plate	W16 x H158 x T2.5 mm, Radius Head
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For Door	Sliding Door, Wooden door, Metal door, Interior door, etc.



WC - Bathroom Deadbolt

AHML032

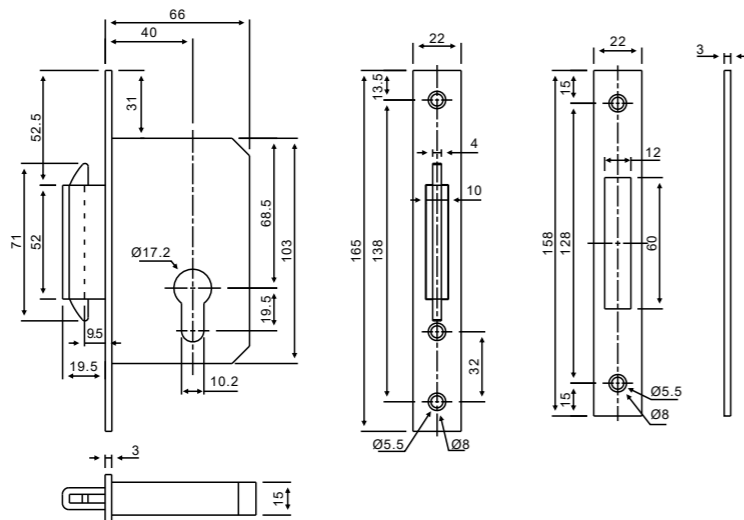
Follower	8 x 8 mm
Backset	57mm
Material	Solid Brass Deadbolt & Follower, SUS 304 Forend, Strike plate
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For	Bathroom door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Interior door etc



Sliding Door Double Hook Lock

AHML031-B

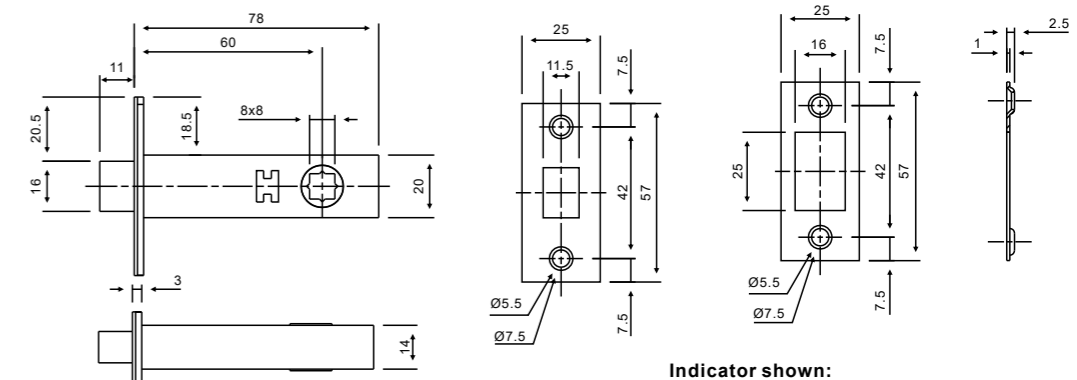
Backset	40mm, 50mm
Material	SUS 304 Forend, Strike plate, Steel hook bolt
Forend Strike plate	Square
Finish	SSS, PSS, PVD, PB, AB, AC
Application	Sliding Door of commercial or residential application
Suitable For Door	Sliding Door, Wooden door, Metal door, Interior door, etc.



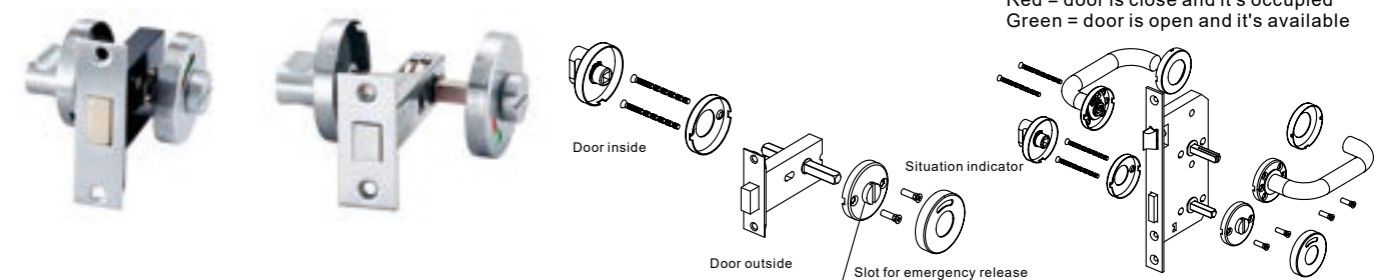
WC - Deadbolt

AHML033

Follower	8 x 8 mm
Backset	60mm, 70mm
Material	Solid Brass Deadbolt & Follower, SUS 304 Forend, Strike plate
Finish	SSS, PSS, PVD, PB, AB, AC
Suitable For	Bathroom door of commercial or residential application
Suitable For Door	Wooden door, Metal door, Interior door,



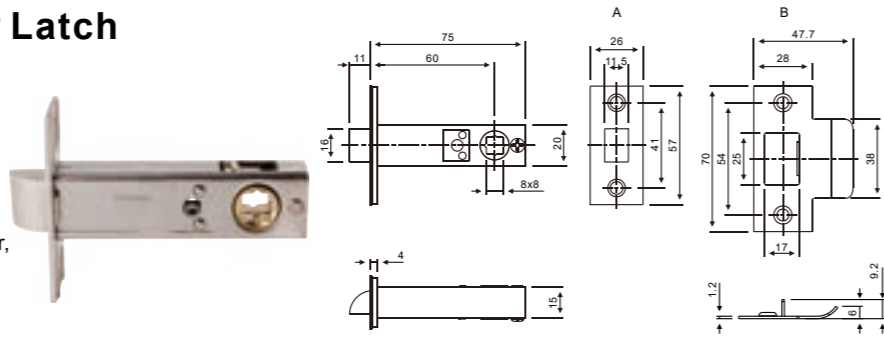
Optional version



Indicator shown:
 Red = door is close and it's occupied
 Green = door is open and it's available

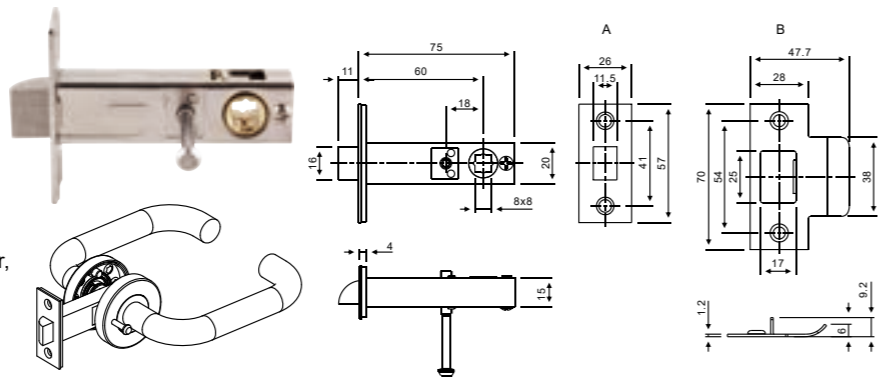
**Architectural Tubular Latch
AHML035**

- Follower :8x8 mm
- Backset: 60mm, 70mm
- Material: Solid Brass Deadbolt & Follower, SUS 304 Forend, Strike plate
- Finish: SSS, PSS, PVD



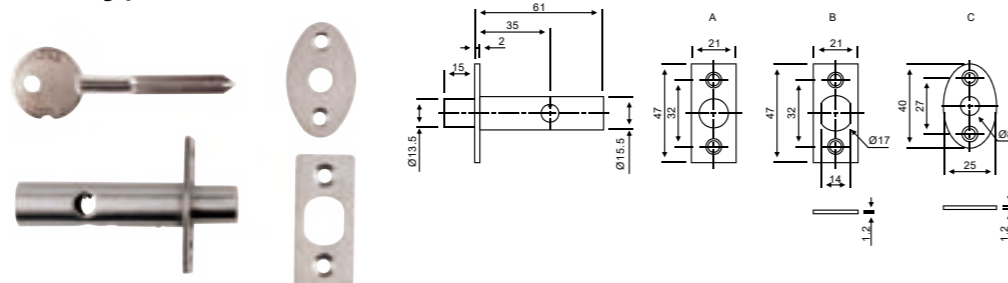
**Architectural Tubular Latch
AHML036**

- Follower :8x8 mm
- Backset: 60mm, 70mm
- Material: Solid Brass Deadbolt & Follower, SUS 304 Forend, Strike plate
- Finish: SSS, PSS, PVD



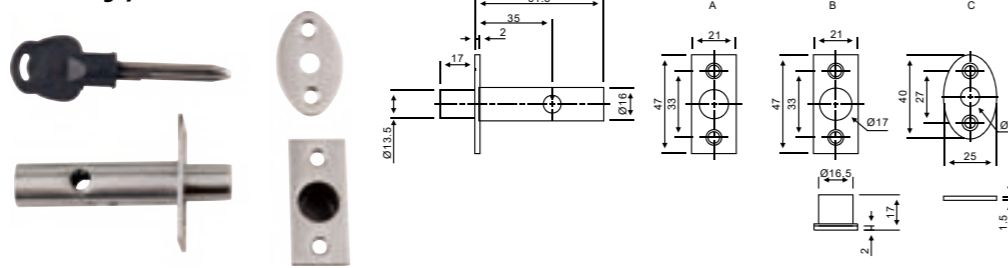
**Shaft Lock(Allen Key)
AHML037**

- Follower :8x8 mm
- Backset: 35mm
- Material: Stainless steel
- Finish: SSS, PSS, PVD



**Shaft Lock(Allen Key)
AHML038**

- Follower :8x8 mm
- Backset: 35mm
- Material: Stainless steel
- Finish: SSS, PSS, PVD



AHLK001

Entrance Knobset

- Key outside/push
- Button inside
- Stainless steel
- Standard finish: PB



AHLK002

Storeroom Knobset

- Key outside
- Stainless steel
- Standard finish: PB



AHLK003

Passage Knobset

- Non-lockable
- Stainless steel
- Standard finish: SSS



AHLK004

Bathroom Knobset

- Privacy function
- Stainless steel
- Standard finish: SSS



AHLK005

Lever Knobset

- Key outside/push
- Button inside
- Zinc Alloy
- Standard finish: PB



AHLK006

Lever Knobset

- Key outside/push
- Button inside
- Zinc Alloy
- Standard finish: PB



AHLK007

Deadbolt Lock

- Key outside
- Stainless steel
- Standard finish: AB, AC

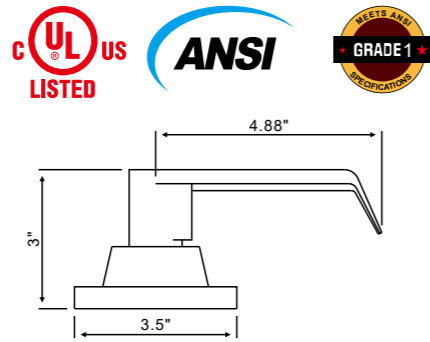


AHLK008

**Thumb Turn with
Cylinder Dead lock**

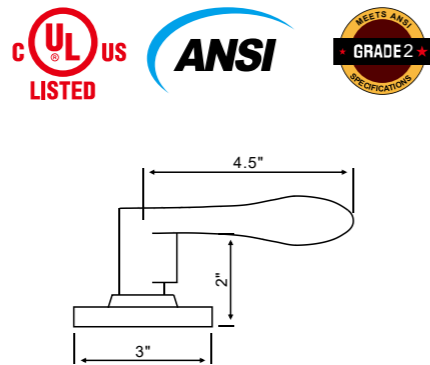
- Key outside with privacy function inside
- 5 Pins brass cylinder with 3 keys
- Zinc alloy Latch, SS cover
- For Door Thickness 35-45mm
- Backset: Adjustable 60 or 70mm

- **Door Prep:** Cross bore 2-1/8", Edge bore 1", Latch face 1-1/8"x2-1/4".
- **Backset:** 2-3/4" standard. 2-3/8" optional.
- **Door Thickness:** 1-3/8"--2" standard.
- **Cylinder:** 6-Pin removable core. Schlage "C" keyway.
- **Face plates:** 1-1/8"x2-1/4" square corner standard.
- **Strikes:** ASA strike standard. 2-1/4" full lip square corner.
- **Bolt:** 1/2" throw, stainless steel.



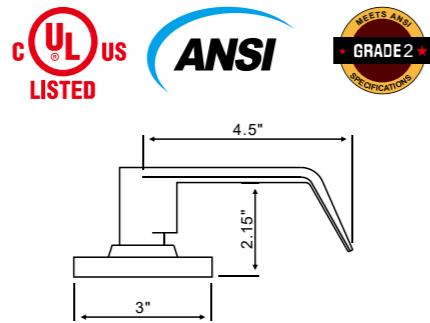
AHLK009

- **Door Prep:** Cross bore 2-1/8", Edge bore 1", Latch face 1-1/8"x2-1/4".
- **Backset:** 2-3/4" standard. 2-3/8" optional.
- **Door Thickness:** 1-3/8"--2" standard.
- **Cylinder:** 5-Pin or 6-Pin removable core. Schlage "C" keyway.
- **Rosette:** Removable exterior rosette by screw thread.
- **Face plates:** 1-1/8"x2-1/4" square corner standard.
- **Strikes:** 2-1/4" full lip square corner standard.
- **Bolt:** 1/2" throw, stainless steel.



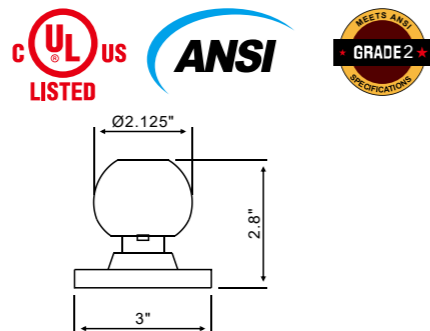
AHLK010

- **Door Prep:** Cross bore 2-1/8", Edge bore 1", Latch face 1-1/8"x2-1/4".
- **Backset:** 2-3/4" standard. 2-3/8" optional.
- **Door Thickness:** 1-1/2"--2" standard 1-3/8"--1-3/4" options.
- **Cylinder:** 5-Pin or 6-Pin removable core. Schlage "C" keyway.
- **Face plates:** 1-1/8"x2-1/4" square corner standard.
- **Strikes:** 2-1/4" full lip square corner standard.
- **Bolt:** 1/2" throw, stainless steel.



AHLK011

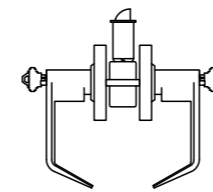
- **Door Prep:** Cross bore 2-1/8", Edge bore 1", Latch face 1-1/8"x2-1/4".
- **Backset:** 2-3/4" standard. 2-3/8" optional.
- **Door Thickness:** 1-3/8"--2" standard.
- **Cylinder:** 5-Pin or 6-Pin removable core. Schlage "C" keyway.
- **Rosette:** Removable interior and exterior rosette by screw thread.
- **Face plates:** 1-1/8"x2-1/4" square corner standard.
- **Strikes:** 2-1/4" full lip square corner standard.
- **Bolt:** 1/2" throw, stainless steel.



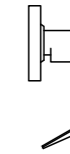
AHLK012

FUNCTIONS AVAILABLE

(F87)

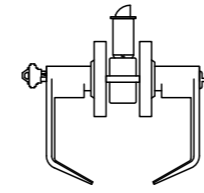


Institutional Lock
Entry or exit by key only. Both levers always free wheeling.



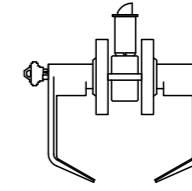
Single Dummy Trim
Single dummy trim for one side of door. The lever is fixed.

(F81)



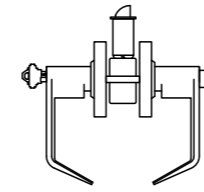
Entrance/Office Lock
Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Pushing button locks outside lever until unlocked with key or inside lever is turned. The inside lever is always unlocked providing emergency exit.

(F84)



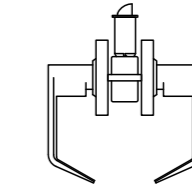
Classroom Lock
The outside lever is locked or unlocked by key. When unlocked the lockset works as a passage set. When the lock is locked, you must use a key from outside to unlock the lockset. The inside lever is always unlocked providing emergency exit.

(F82)



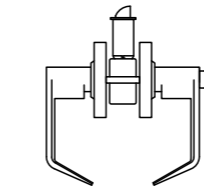
Entrance/Office Lock
Push button locking. Pushing button in inside lever locks outside lever until unlocked with key or turning inside lever. The inside lever is always unlocked providing emergency exit.

(F77)



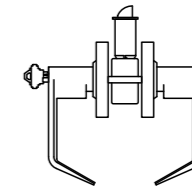
Patio Lock
Deadlocking latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by rotating inside lever or closing door. The inside lever is always unlocked providing emergency exit.

(F76)



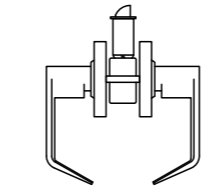
Privacy Lock
Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, rotating inside lever or closing door. The inside lever is always unlocked providing emergency exit.

(F80)



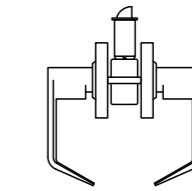
Communicating Lock
Deadlocking latchbolt operated by lever from either side. Turning key in either lever locks or unlocks its own lever independently.

(F75)



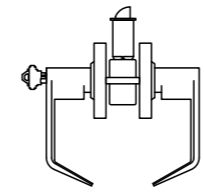
Passage/Closet Lock
Both levers are always unlocked from inside and outside.

(F89)



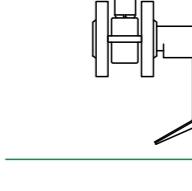
E it Lock
Deadlocking latchbolt operated by inside lever. Outside lever is free wheeling. The inside lever is always unlocked providing emergency exit.

(F86)



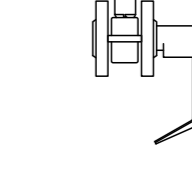
Storeroom Lock
Outside lever is free wheeling, entrance by key only. Every time the door closes this unit will lock, it cannot be left unlocked. The inside lever is always unlocked providing emergency exit.

(F83)



Connecting Room/E it Lock
Deadlocking latchbolt operated from inside only. Blank plate outside.

(F85)



Connecting Room/E it Lock
The inside lever is locked or unlocked by key. When unlocked the lockset provides Exit. When locked, the lockset stops Exit. Blank plate outside.

● EN1303 And DIN 18252/09-1999 Standards.

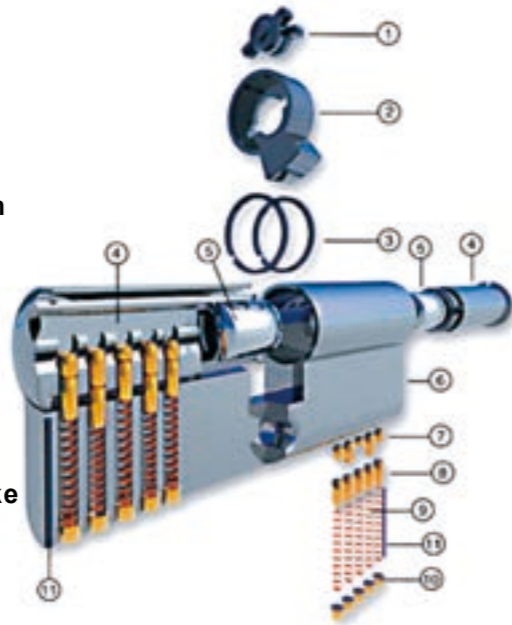
● Quality Solid Brass Body

● 30 Degree Offset Cam Inhibits Knock Through

● 6 Pins Standard, 10 Pin High Security With Two Line Pins, Other Sizes Available.

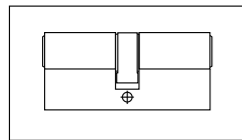
● Cylinders Available In A Variety Of Finish

● Key Management : Kd, Master Key, Keyed Alike Grand Master Key, Construction Key

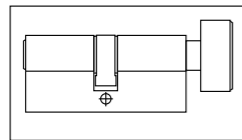


- Clutch
- Cam
- Clip Rings
- Barrel
- Spacer (long cylinders only)
- Housing
- Key Pins
- Middle Pins
- Springs
- Closing Pins
- Anti-drill Pin

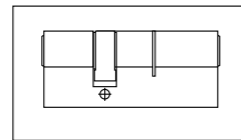
Function & Specification



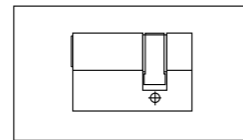
Double Entrance Function



Single Entrance Function

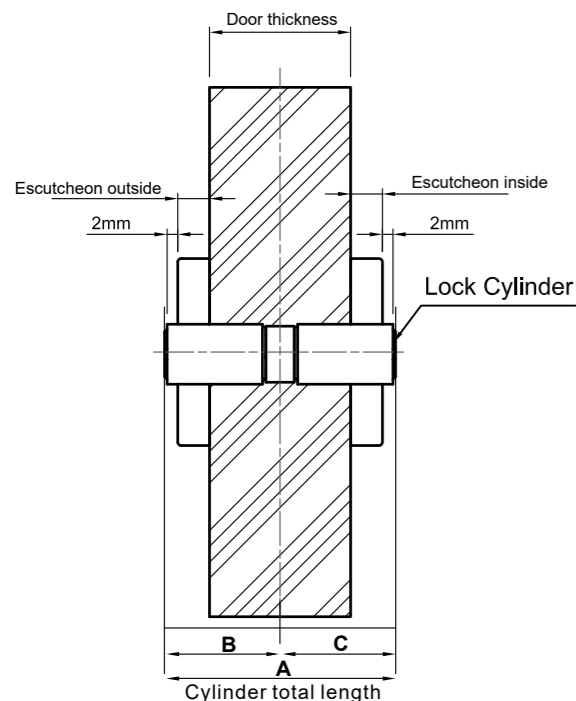


Offset Cylinder



Half Cylinder

Determination Of Cylinder Length



The following factors have to be considered when determining the length A of the locking cylinder:

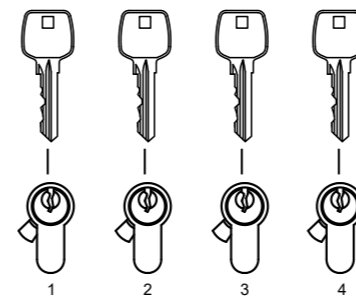
- Door thickness
- Position of the lock in the door
- Thickness of Escutcheon on the outside
- Thickness of Escutcheon on the inside

Note:

- The Lengths B and C are each measured from the centre of the fixing screw.
- The following applies to the Length A must protrude only max. 4 mm from the Escutcheon on the outside and inside.

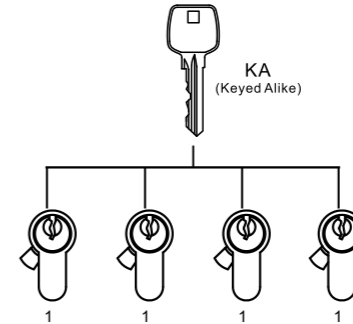
Keyed To Differ (KD)

Cylinders to differ are all operated by individual keys all different to each other.



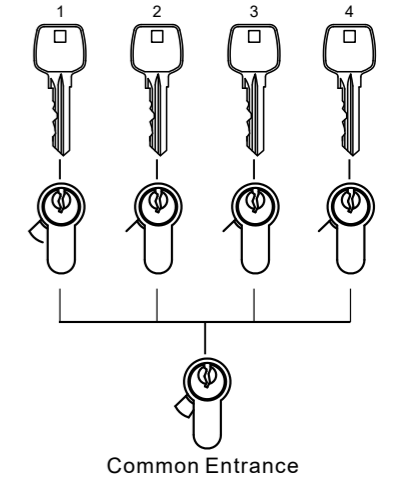
Keyed Alike Suites(KA)

All cylinders are operated by the same key. This gives an arrangement where one key will open a group of locks.



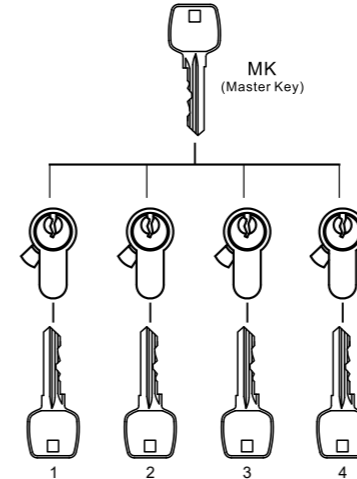
Common Entrance Suites

Each individual key is opened its own lock and the common entrance.



Master Key Suites (MK)

A group of cylinders, each equipped with an individual servant key, is also operated by one special key known as the master key. Keyed alike groups can also be incorporated into any master key suit.



Construction Key (CK)

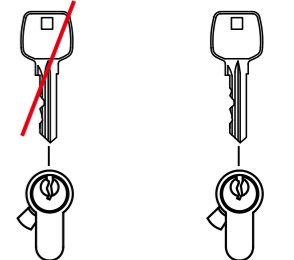
Construction key can operate the cylinder during construction period. After construction is ended up, Master Key can insert the cylinder and change the pin combination. The construction key can not open the same cylinder lock any more.

Building Construction



Construction Key

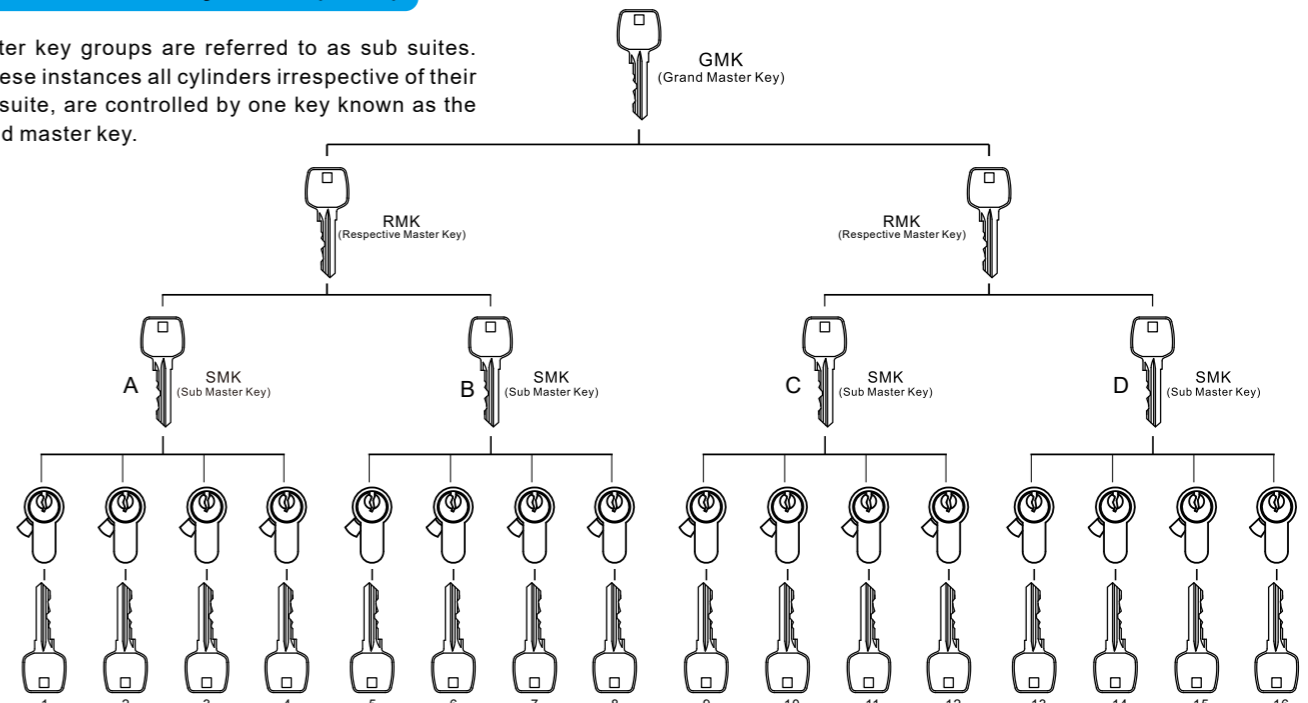
Building Completion



Construction Key Owner Key

Grand Master Key Suites(GMK)

Master key groups are referred to as sub suites. In these instances all cylinders irrespective of their sub suite, are controlled by one key known as the grand master key.



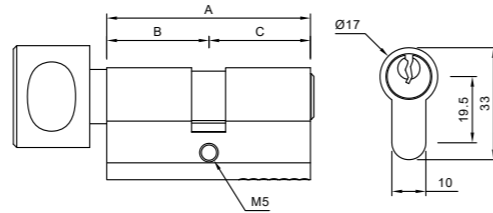
- Material: Quality Solid Brass Body And Plug
- Keys: 3 Brass Keys / 5 Brass Keys
- Key Type: Yale Key, Computer Key
- Key Management Function: Master Key, Grand Master Key, Construction Key, Keyed Alike,

- Pins: 6 Brass Pins Standard, 10 Pin High Security With Two Line Pins, Other Sizes Available.
- Degree: 0 Degree, Or 30 Degree Offset Cam Inhibits Knock Through
- Standard: Conforms To EN1303
- Fastening Screw: 65mm (standard), Other Lengths Will Be Available According To Different Backset.



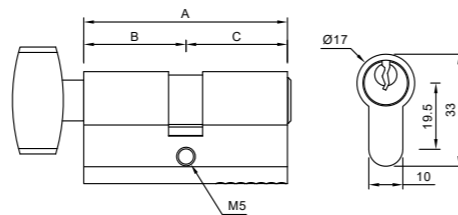
AHLC001
Key And Turn Cylinder

Art No.	A	B	C
AHLC001-60	60	30	30
AHLC001-65	65	32.5	32.5
AHLC001-70	70	35	35
AHLC001-80	80	40	40



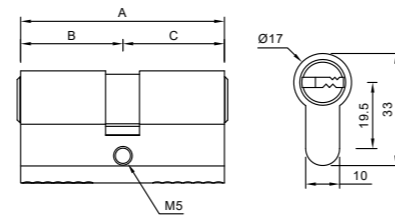
AHLC002
Single Cylinder With Turn

Art No.	A	B	C
AHLC002-60	60	30	30
AHLC002-65	65	32.5	32.5
AHLC002-70	70	35	35
AHLC002-80	80	40	40



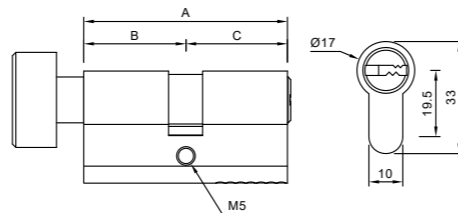
AHLC003
Double Cylinder

Art No.	A	B	C
AHLC003-60	60	30	30
AHLC003-65	65	32.5	32.5
AHLC003-70	70	35	35
AHLC003-80	80	40	40



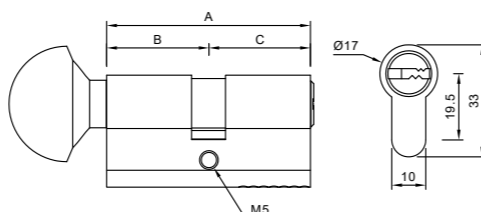
AHLC004
Thumbturn Cylinder With Key

Art No.	A	B	C
AHLC004-60	60	30	30
AHLC004-65	65	32.5	32.5
AHLC004-70	70	35	35
AHLC004-80	80	40	40



AHLC005
Thumbturn Cylinder

Art No.	A	B	C
AHLC005-60	60	30	30
AHLC005-65	65	32.5	32.5
AHLC005-70	70	35	35
AHLC005-80	80	40	40



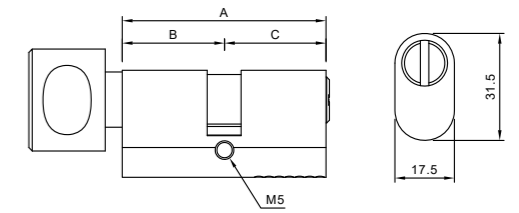
- Material: Quality Solid Brass Body And Plug
- Keys: 3 Brass Keys / 5 Brass Keys
- Key Type: Yale Key, Computer Key
- Key Management Function: Master Key, Grand Master Key, Construction Key, Keyed Alike,

- Pins: 6 Brass Pins Standard, 10 Pin High Security With Two Line Pins, Other Sizes Available.
- Degree: 0 Degree, Or 30 Degree Offset Cam Inhibits Knock Through
- Standard: Conforms To EN1303
- Fastening Screw: 65mm (standard), Other Lengths Will Be Available According To Different Backset.



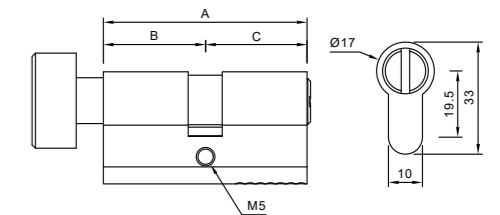
AHLC006
Oval Bathroom Cylinder

Art No.	A	B	C
AHLC006-60	60	30	30
AHLC006-65	65	32.5	32.5
AHLC006-70	70	35	35
AHLC006-80	80	40	40



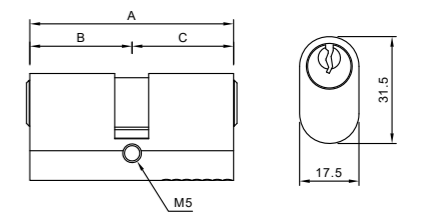
AHLC007
Euro Bathroom Cylinder

Art No.	A	B	C
AHLC007-60	60	30	30
AHLC007-65	65	32.5	32.5
AHLC007-70	70	35	35
AHLC007-80	80	40	40



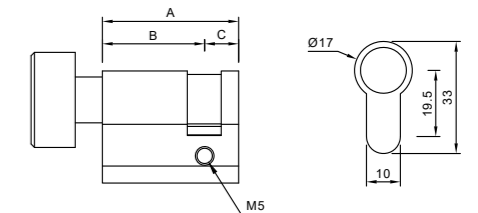
AHLC008
Oval Double Cylinder

Art No.	A	B	C
AHLC008-60	60	30	30
AHLC008-65	65	32.5	32.5
AHLC008-70	70	35	35
AHLC008-80	80	40	40



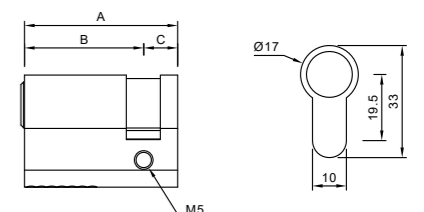
AHLC009
Half Cylinder With Thumbturn

Art No.	A	B	C
AHLC009-40	40	30	10
AHLC009-45	45	35	10
AHLC009-50	50	40	10
AHLC009-55	55	45	10



AHLC010
Half cylinder With Key

Art No.	A	B	C
AHLC010-40	40	30	10
AHLC010-45	45	35	10
AHLC010-50	50	40	10
AHLC010-55	55	45	10



- Material: Quality Solid Brass body and plug
- Keys: 3 Brass Keys / 5 Brass Keys
- Key type: Yale Key, computer key
- Key Management function: Master Key, Grand Master Key, Construction Key, Keyed Alike,

- Pins: 6 Brass Pins standard, 10 Pin high security with two line pins, other sizes available.
- Degree: 0 degree, or 30 degree offset cam inhibits knock through
- Standard: conforms to EN1303
- Fastening screw: 65mm (standard), other lengths will be available according to different backset.

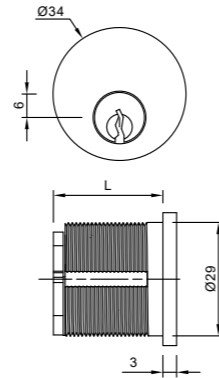


AHLC011

6 Pin SCHLAGE "C" Keyway Rim Cylinder

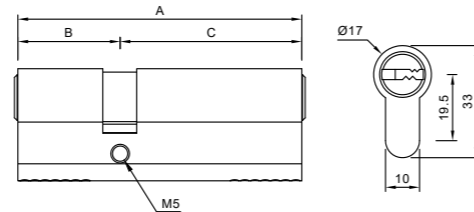
- ANSI Mortise Cylinder Standards
- 5 pins, 6 pins available
- SCHLAGE, Kwikset, Weiser & Pin-in-pin system
- Mortise cylinder with cam
- Master key is available.

Art No.	Length
AHLC011-A	1-1/8"(28.5mm)
AHLC011-B	1-1/4"(31.8mm)
AHLC011-C	1-3/8"(35mm)
AHLC011-D	1-3/4"(44.5mm)

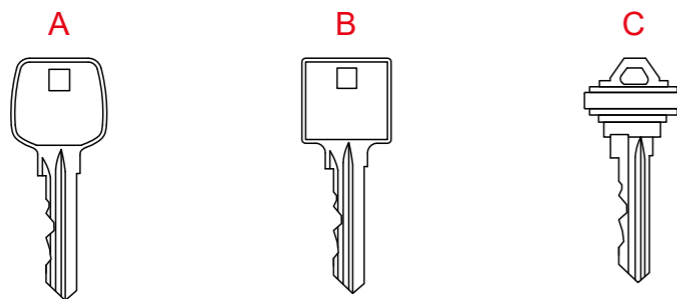


AHLC012
Offset Double Cylinder

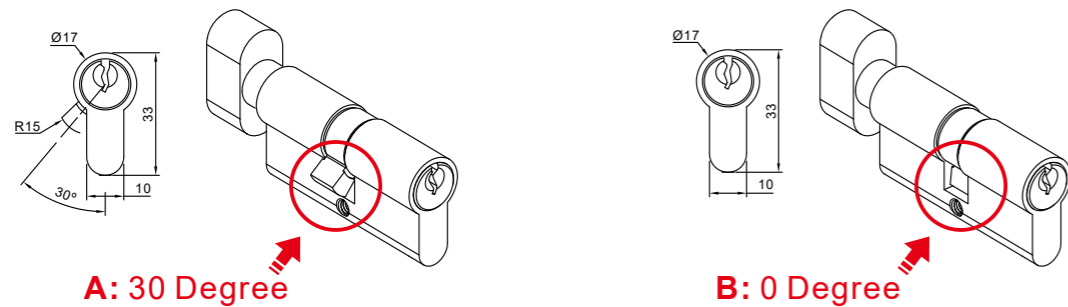
Art No.	A	B	C
AHLC012-60	60	25	35
AHLC012-70	70	30	40
AHLC012-80	80	30	50
AHLC012-90	90	40	50



Key Design For Lock Cylinder

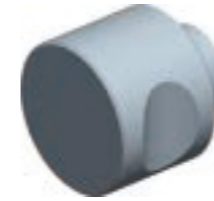


Offset Cam Degree

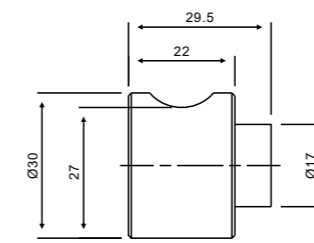


Features

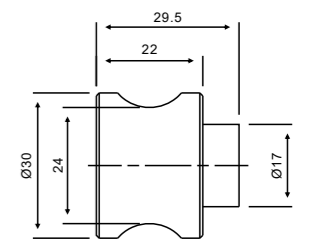
- Knob for Lock Cylinder
- Material: Solid brass
- Finish: SN, PB, AB, AC, CP, PVD



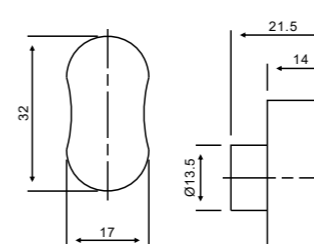
AHCT001



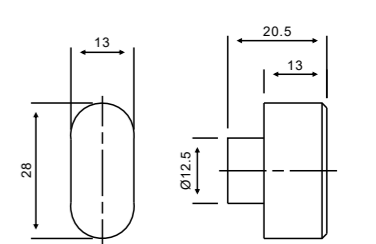
AHCT002



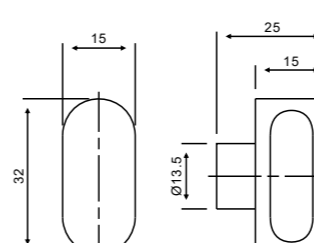
AHCT003



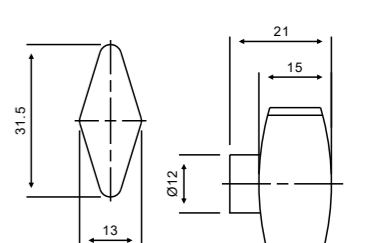
AHCT004



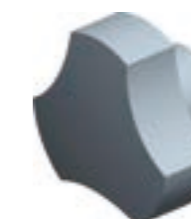
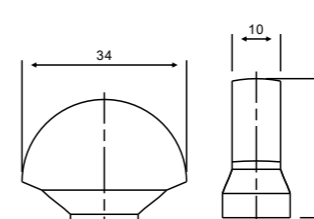
AHCT005



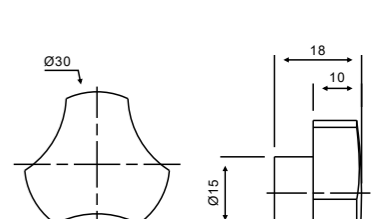
AHCT006



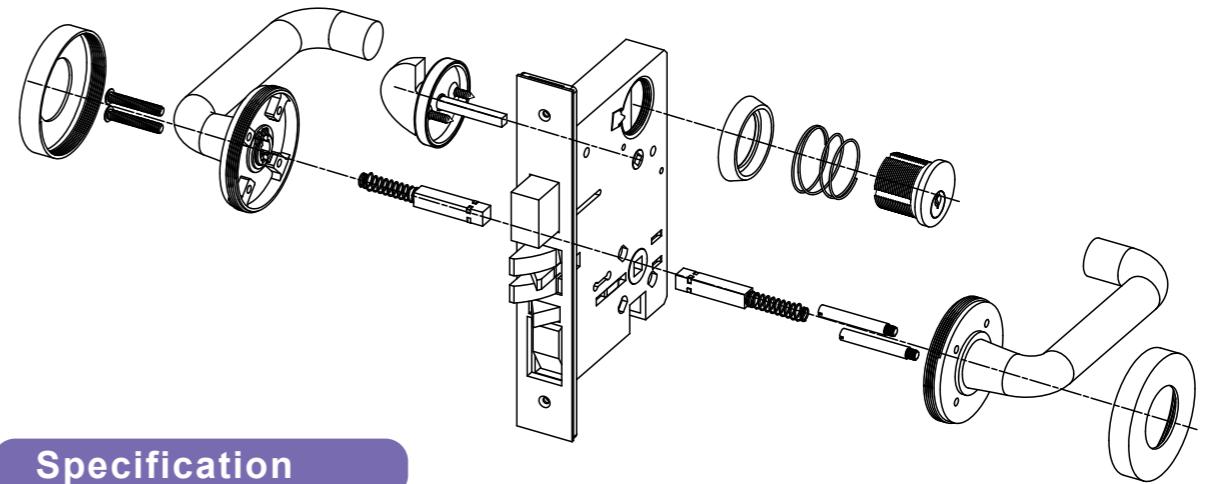
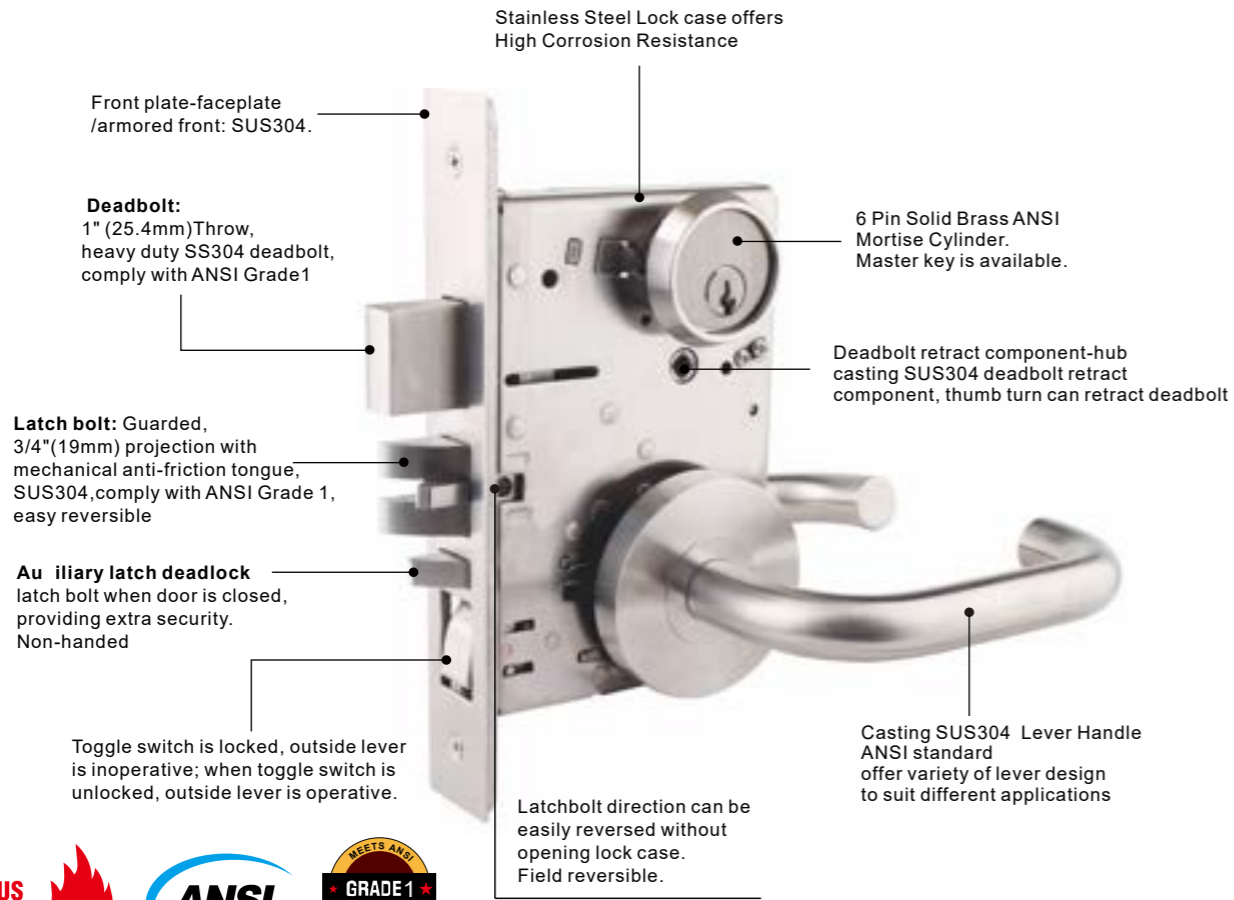
AHCT007



AHCT008

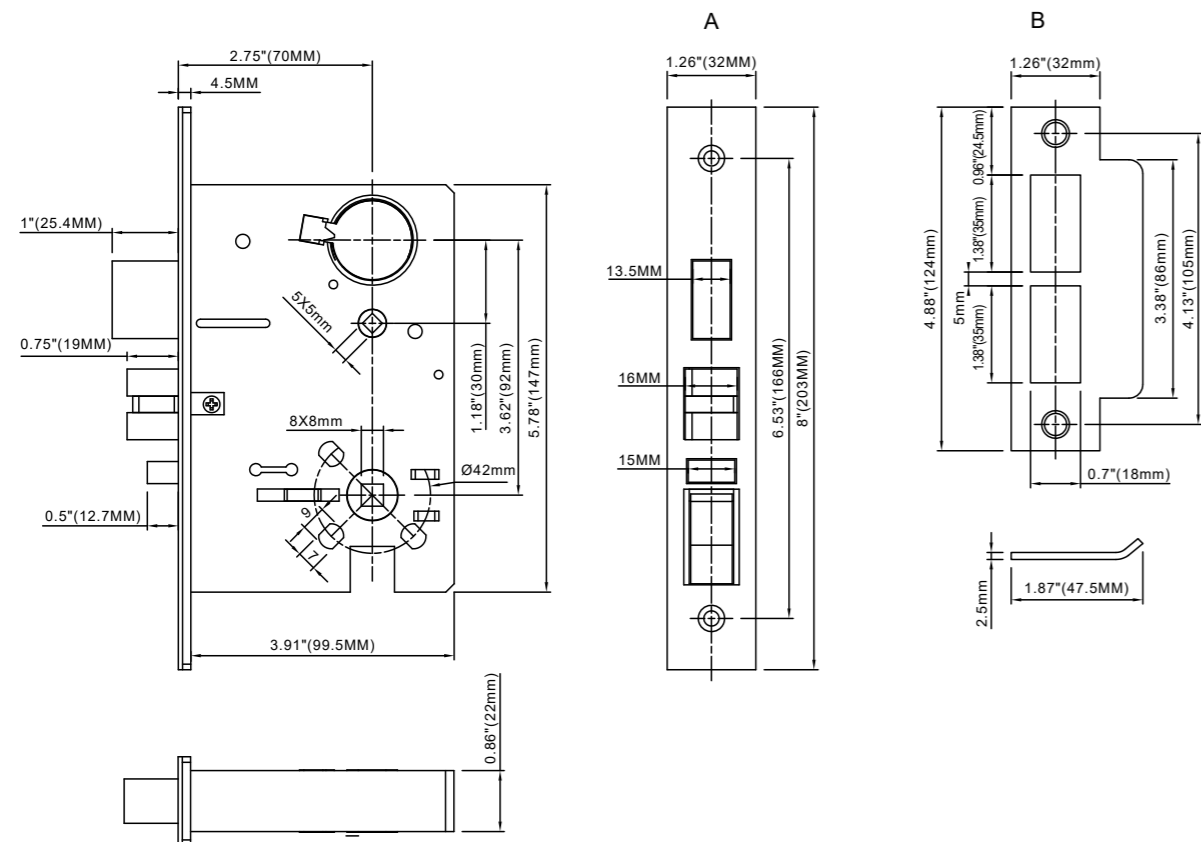


Mortise Lock Case Configuration

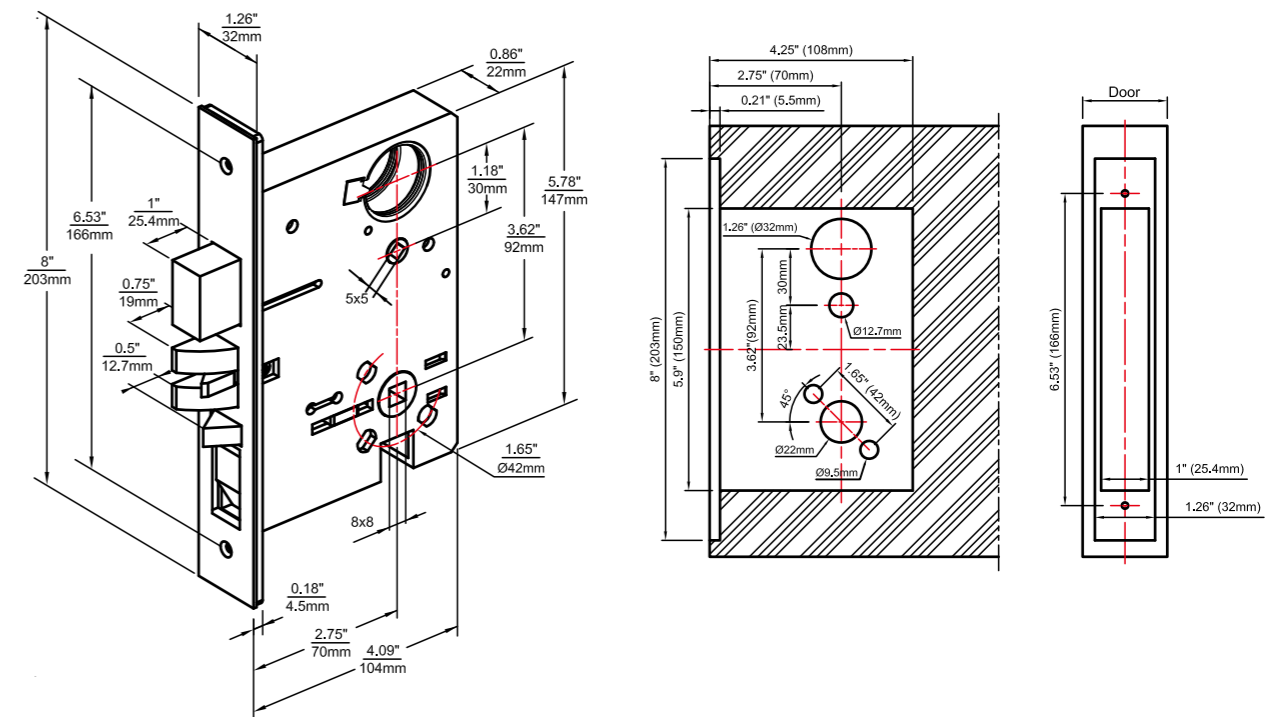


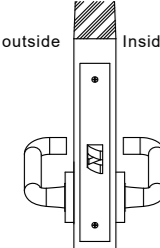
Specification

Certification and Compliance: ANSI/BHMAA156.13-2005 Grade 1
 UL Fire Rated Certificated
 Lockcase: Heavy Gauge Stainless Steel For Corrosion Resistance
 Deadbolt: Solid Casting SUS304, Project 1" (25.4mm)
 Latchbolt: Solid Casting SUS304, Project 3/4" (19mm), Anti-Friction
 Two Pieces and Can be Reversible
 Forend: Stainless steel Grade 304
 Strike: Stainless steel Grade 304, Non-Handed
 Door Thickness: 45mm to 55mm As Standard
 Backset: 2-3/4" (70mm)
 Center to Center: 3-5/8" (92mm)
 Door Handing: Left Hand and Right Hand
 Application: Wood Door and Metal Door

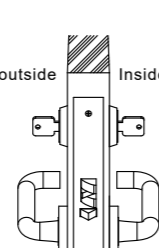


Door Preparation

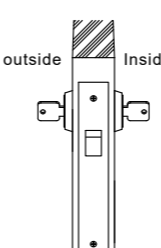




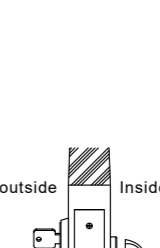
AHAL01 F01
Passage or Closet
 Latchbolt operated by knob/lever from either side at all times. Inside lever is always free for immediate egress.



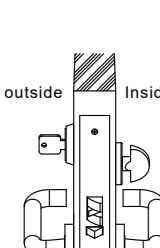
AHAL09 F09
Apartment/E it or Public Toilet
 Latchbolt operated by knob/lever from either side, except when outside knob/lever is locked by key from inside. When outside lever is locked, latchbolt is retracted by key from outside or by operating inside lever. Auxiliary deadlatch.



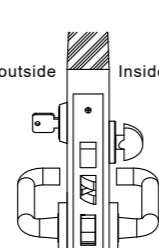
AHAL16 F16
Deadlock
 Deadbolt operated from either side by key, use only on rooms with more than one exit.



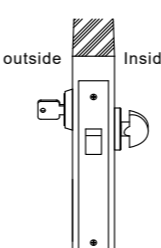
AHAL20 F20
Entrance/Apartment/Dormitory
 Latchbolt operated by knob/lever from either side except when outside lever is made inoperative by push button rocker. Deadbolt projected by key from outside is locked by thumbturn. Deadbolt thrown or retracted by rotation of thumbturn. When locked, key outside or knob/lever inside retracts deadbolt and latchbolt simultaneously. Outside knob/lever remains locked until thumbturn is restored. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



AHAL04 F04
Entry/Office
 Latchbolt operated by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever is always free for immediate egress.



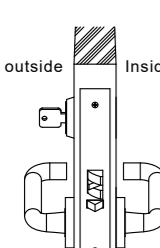
AHAL12 F12
Dormitory or E it
 Latchbolt operated by knob/lever from either side, deadbolt thrown or retracted by key outside or inside thumbturn. Turning inside knob/lever retracts deadbolt and latchbolt, unlocks outside knob/lever. Inside lever is always free for immediate egress.



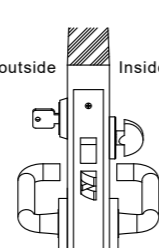
AHAL17 F17
Deadlock
 Deadbolt operated or retracted by key outside or by thumbturn inside.



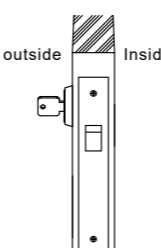
AHAL21 F21
Dormitory with Dead bolt
 Latchbolt operated by knob/lever either side. Deadbolt operated by key outside or by turn from inside.



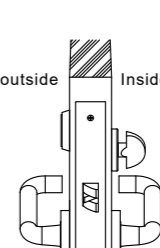
AHAL05 F05
Classroom
 Latchbolt operated by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



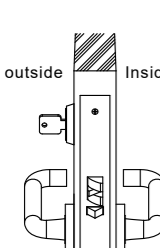
AHAL13 F13
Dormitory or E it
 Latchbolt operated by knob/lever from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Turning inside knob/lever retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress.



AHAL18 F18
Deadlock
 Deadbolt operated from outside by key, no inside operation. Use only on rooms with more than one exit.



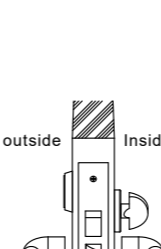
AHAL22 F22
Privacy
 Latchbolt operated by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever or closing door unlocks outside knob/lever. To unlock from outside coin emergency release. Inside knob/lever is always free for immediate egress.



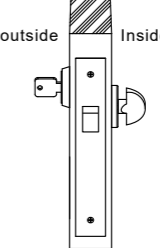
AHAL06 F06
Holdback
 Latchbolt operated by knob/lever either side, unless outside is locked by key. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



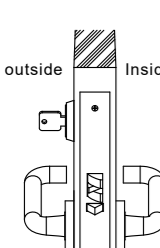
AHAL14 F14
Storeroom
 Latchbolt operated by lever from either side. Deadbolt operated by key from either side.



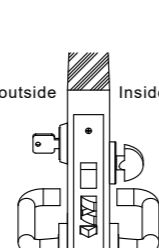
AHAL02 F19
AHAL19
Privacy or Bathroom
 Latchbolt operated by knob/lever from either side unless outside is locked by inside thumbturn. Operating inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside insert emergency turn mechanism furnished with lock put in hole to rotate. Inside lever is always free for immediate egress.



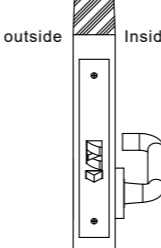
AHAL29 F29
Classroom Dead bolt (only)
 Key from outside operates dead bolt. Turn from inside retracts but does not project dead bolt.



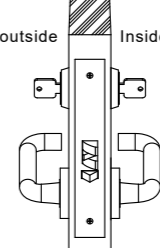
AHAL07 F07
Storeroom or Closet
 Latchbolt operated by key from outside or by knob/lever inside. Outside knob/lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



AHAL15 F15
Hotel or Motel
 Latchbolt operated by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown turning inside knob/lever retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



AHAL31 F31
E it or Communicating Lock
 Latchbolt operated by knob/lever from inside. Non removable blank lever or no lever outside. Auxiliary dead latch.



AHAL30 F30
Asylum or Institutional Lock
 Latchbolt operated by key either side. Both knob/ levers always inoperative. Auxiliary dead latch.

AHAL32 F32

Intruder Latch bolt Lock
Latchbolt operated by knob/lever either side, except when outside lever is locked from inside or outside by key. When outside knob/lever is locked, latch bolt is retracted by key from inside or outside or by operating inside lever. Auxiliary dead latch.

AHAL35 F35

Storeroom with Dead bolt Lock
Latchbolt operated by knob/lever from either side, except when outside knob/lever is made inoperative by a stop or mechanical means other than key. Dead bolt operated by key from either side.

AHAL33 F33

Intruder Dead bolt
Latchbolt operated by knob/lever from either side except when outside knob/lever is locked from inside or outside by key. Dead bolt retracted by key from outside. Operating inside knob/lever retracts both bolts and unlocks outside.

AHAL41 F41

Single Dummy
No Lockcase, knob/lever on one side fixed by mounting bar only.

AHAL34 F34

Intruder Dead bolt Lock
Latchbolt operated by knob/lever either side, except when outside knob/lever is locked from inside or outside by key. Dead bolt operated by key either side. Operating inside knob/lever retracts both bolts and unlocks outside. Auxiliary dead latch or latch bolt dead locked when dead bolt is thrown.

AHAL42 F42

Double Dummy
No Lockcase, knob/lever on both side fixed by mounting bar only.

Features

- Heavy duty solid lever handle
- Escutcheon SUS 304 / 316 stainless steel
- Lever SUS 304 / 316 stainless steel
- Escutcheon thickness: 12mm

AHAH001

AHAH002

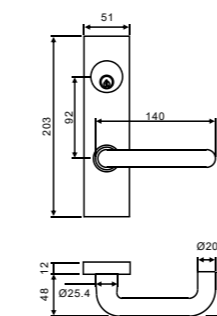
AHAH003

AHAH004

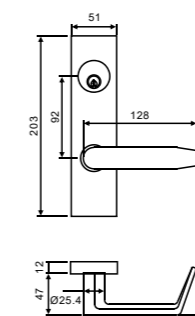
Specification of Trim

- Material: SUS 304 Stainless steel
- Finish: US32D (stain stainless steel), or up to customer requirement
- Escutcheon Thickness: 12mm
- Cylinder: ANSI type cylinder

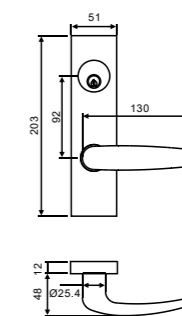
Trim Design



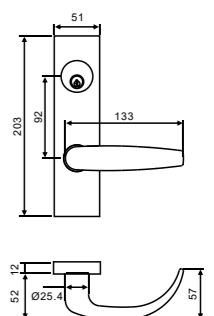
AHAH001-P



AHAH002-P

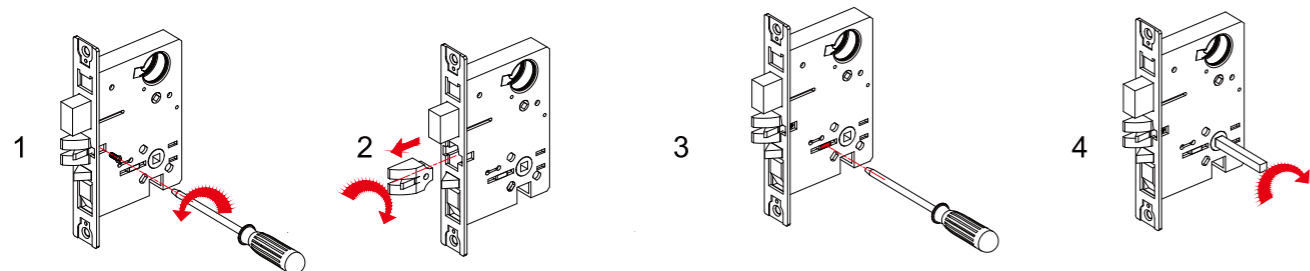


AHAH003-P



AHAH004-P

Change Latch Bolt Direction For Mortise Lock



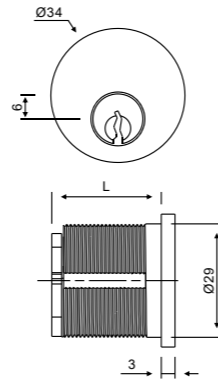
1. Release the latch screw
2. Change latch direction and secure with screw
3. Rotate red color security Pin 180 under spindle hub to be the outside hub
4. Use spindle to turn the hub until latch retracts.



6 Pin SCHLAGE "C" Keyway Rim Cylinder

- ANSI Mortise Cylinder Standards
- 5 pins, 6 pins available
- SCHLAGE, Kwikset, Weiser & Pin-in-pin system
- Mortise cylinder with cam
- Master key is available.

Art No.	Length
AHLC011-A	1-1/8"(28.5mm)
AHLC011-B	1-1/4"(31.8mm)
AHLC011-C	1-3/8"(35mm)
AHLC011-D	1-3/4"(44.5mm)



AHLC011



IC Core Cylinder 6 Pin interchangeable Core Cylinder

Art No.	Length
AHLC013-A	1-1/8"(28.5mm)
AHLC013-B	1-1/4"(31.8mm)

AHLC013

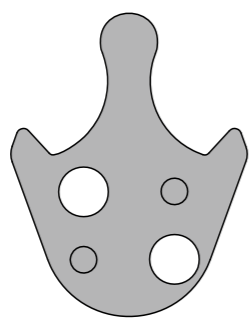


Features Benefits

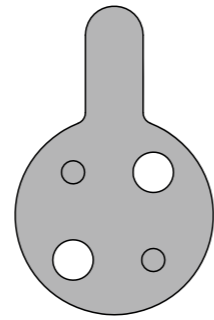
- Mortise Cylinder IC Core Housing, Small Format Best, 26D
- Mortise Cylinder IC Core Housing, Big Format Schlage "C", 26D

Interchangeable core users can enjoy the convenience of fast rekeying without having to disassemble the lock. This feature is very useful in applications where a high frequency of core changes are needed or a lock disassembly is labor intensive such as with exit devices and certain types of all-glass doors, etc.

Cam Type

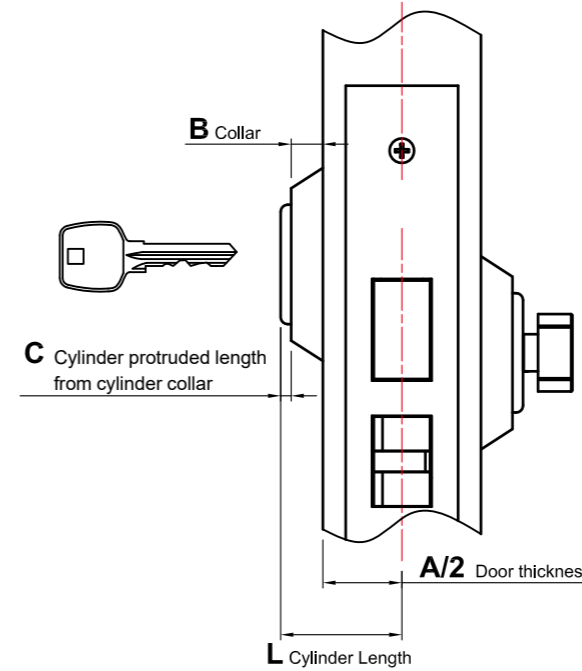


A

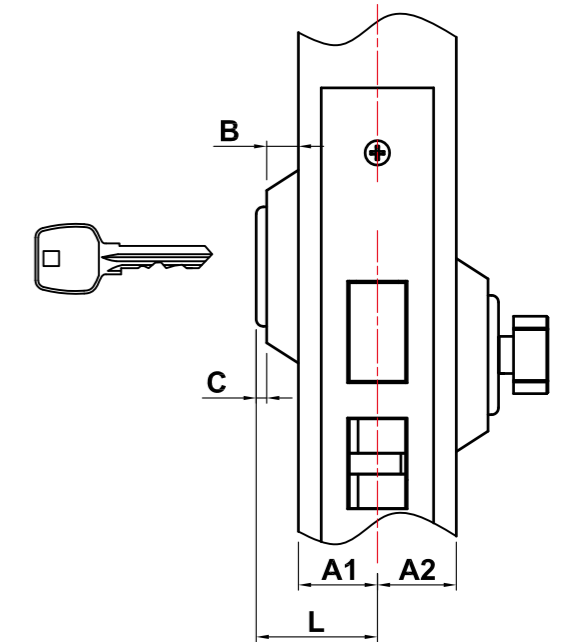


B

How to choose the right size ANSI cylinder



Lock case was installed in the center of door, Cylinder length $L=A/2+B$

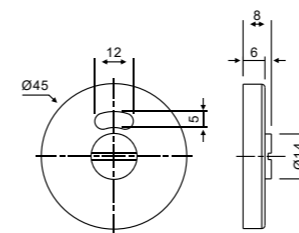


Lock case was installed deviated from the center of door, Cylinder length $L=A1+B$

Indicator



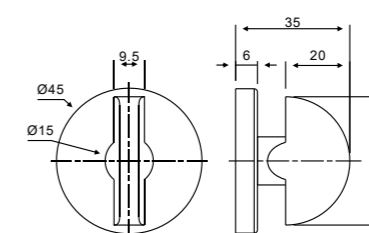
AHAT001



Thumbturn



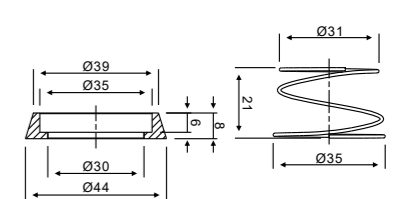
AHAT002



Collar and Spring



AHAT003





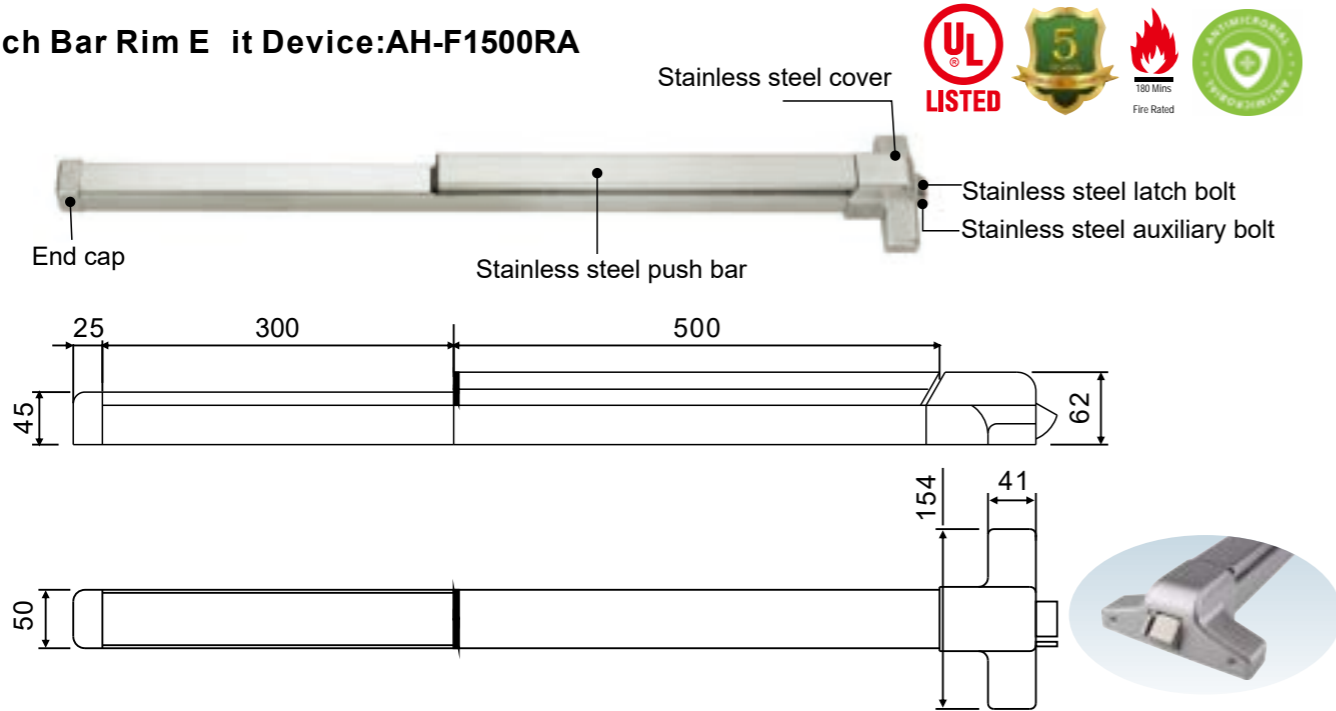
PERMITS TO WORK



Panic Exit Device

It is desirable that doors at final exits in public buildings, places of entertainment, shops etc should be fitted with panic devices operated by a horizontal bar or touch bar. The emphasis for products covered by this standard is on safe exit rather than security.

Touch Bar Rim Exit Device:AH-F1500RA



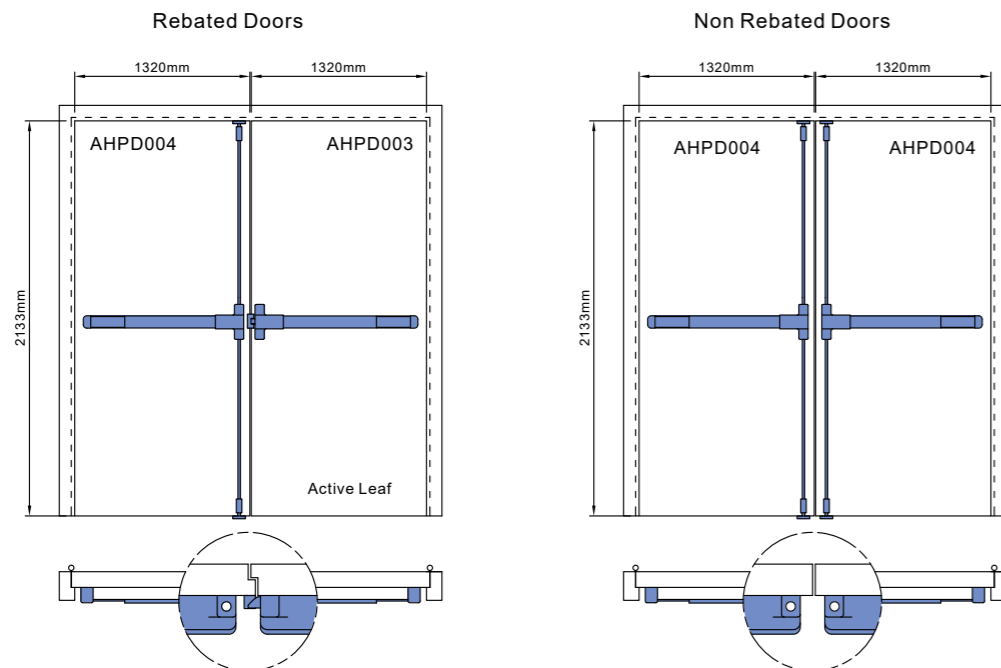
Product Specification

- Door width from 650mm to 1320mm
- Door Height: =2133mm
- Max. Door weight(kg): 200kg
- Max. Door thickness : 50 mm
- Non hand design

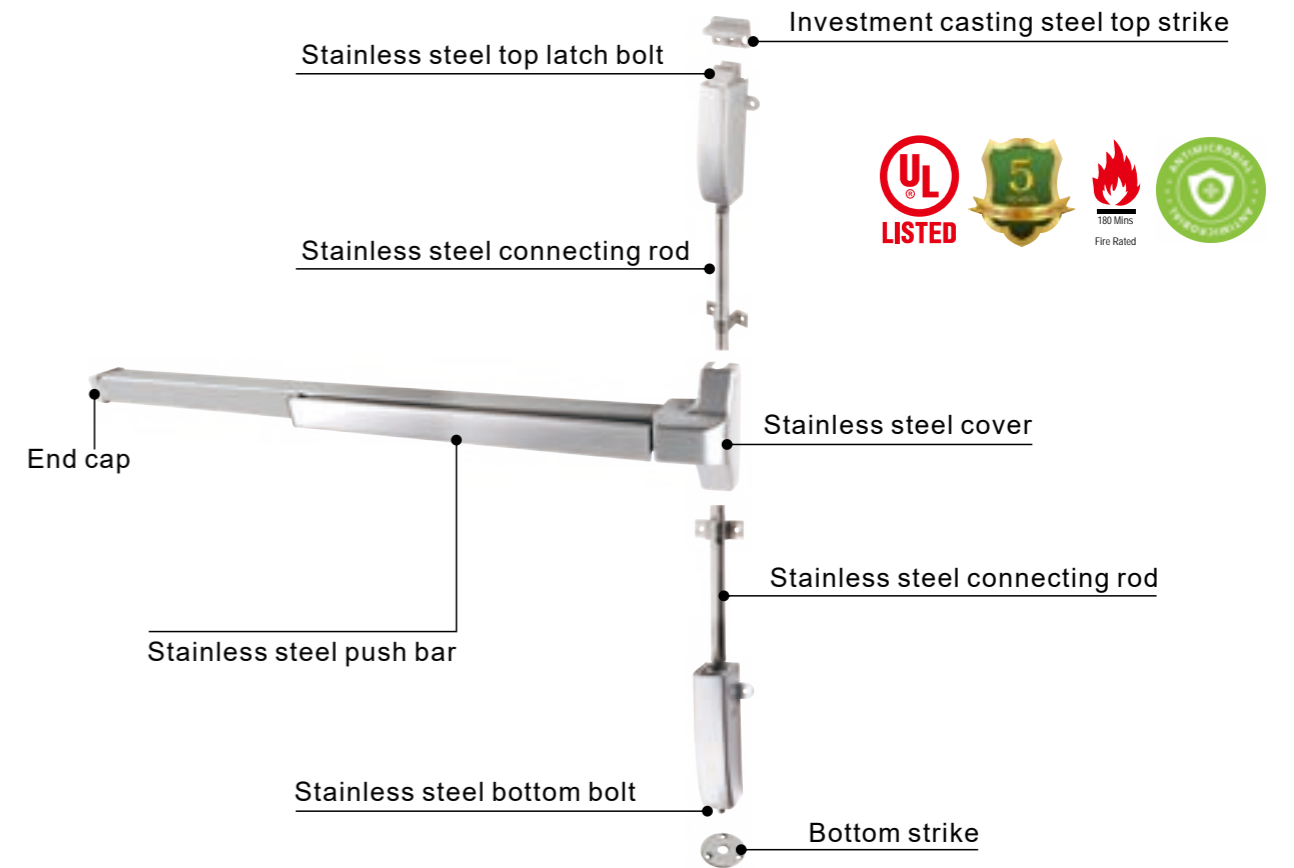
Features

- One Point Locking
- Available in SS Grade 304 and painted steel
- UL 10C Fire Rated for use on timber and metal doors
- Touch bar length of device :500mm
- Security Anti-thrust latch
- Finish: SSS, PSS, PVD, AB, Silver, Gold

Double Door Configurations



Touch Bar Vertical Rod Exit Device:AH-F1500VA

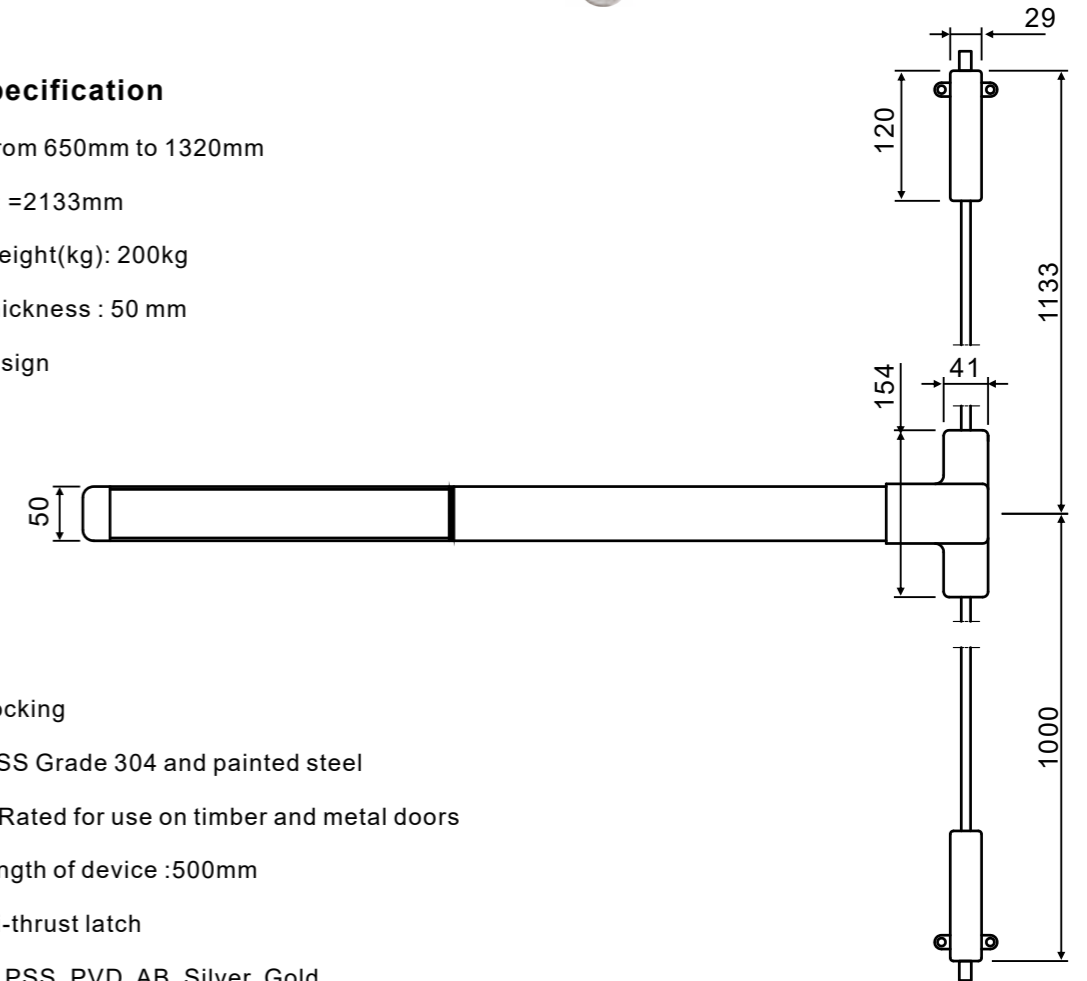


Product Specification

- Door width from 650mm to 1320mm
- Door Height: =2133mm
- Max. Door weight(kg): 200kg
- Max. Door thickness : 50 mm
- Non hand design

Features

- Two Point Locking
- Available in SS Grade 304 and painted steel
- UL 10C Fire Rated for use on timber and metal doors
- Touch bar length of device :500mm
- Security Anti-thrust latch
- Finish: SSS, PSS, PVD, AB, Silver, Gold

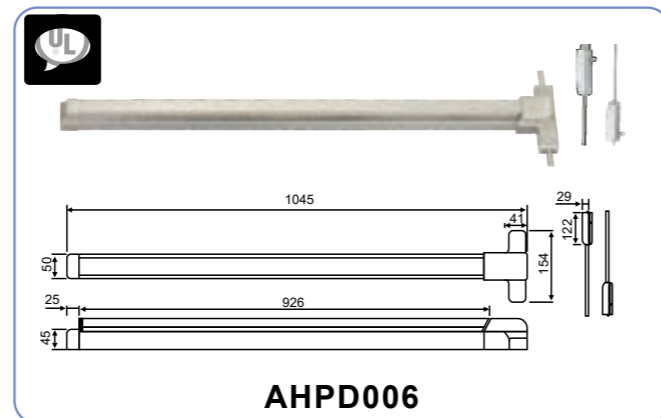
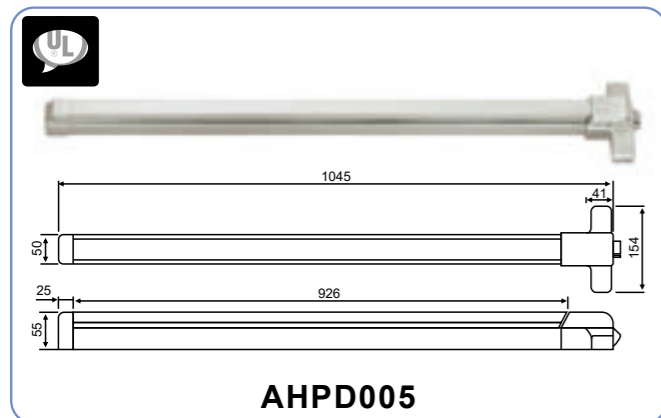
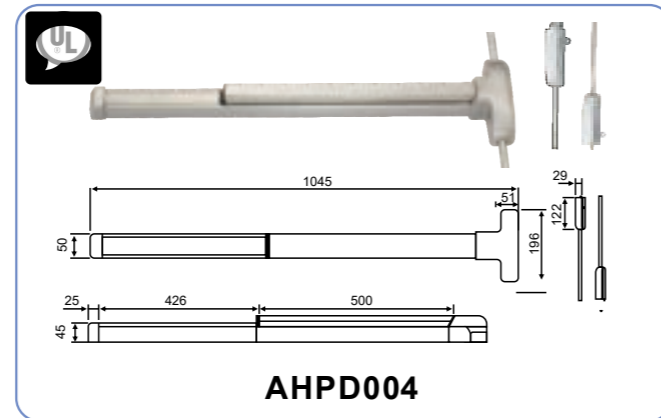
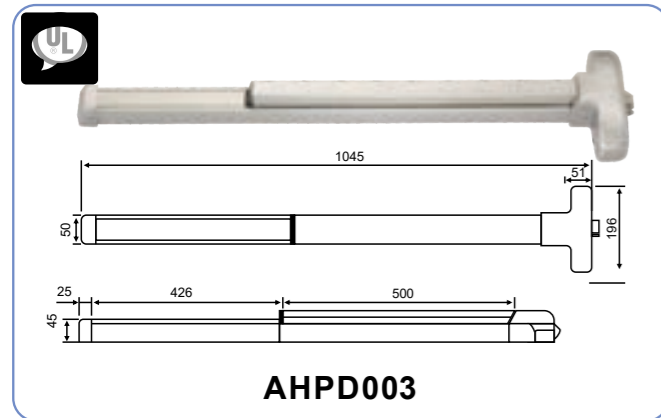
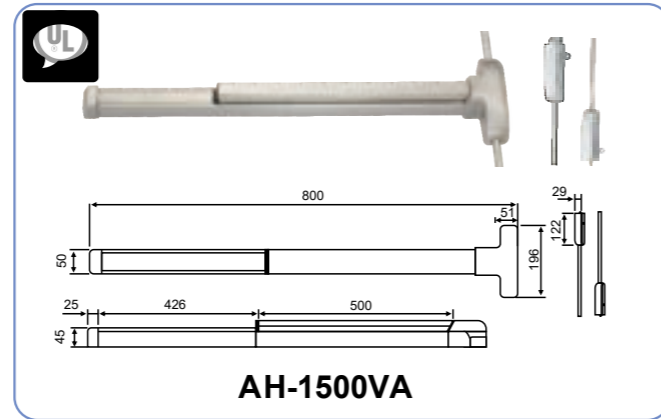
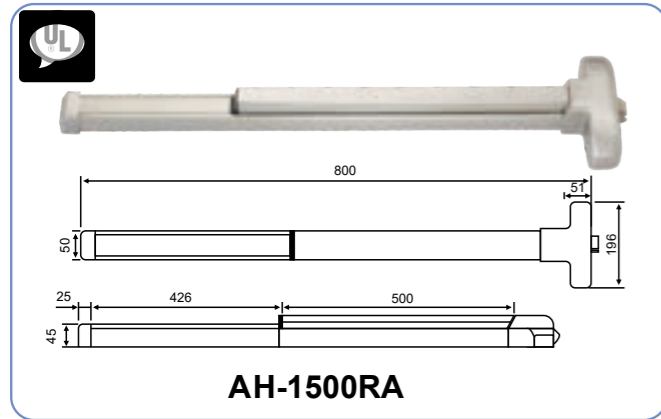


Product Specification

- Door width from 650mm to 1320mm
- Door Height: =2133mm
- Max. Door weight(kg): 200kg
- Max. Door thickness : 50 mm
- Non hand design

Features

- Available in SS Grade 304 and painted steel
- UL 10C Fire Rated for use on timber and metal doors
- Touch bar length of device :500mm
- Security Anti-thrust latch
- Finish: SSS, PSS, PVD, AB, Silver, Gold

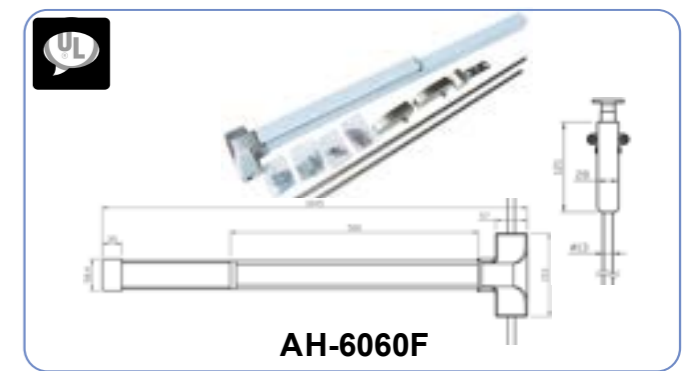
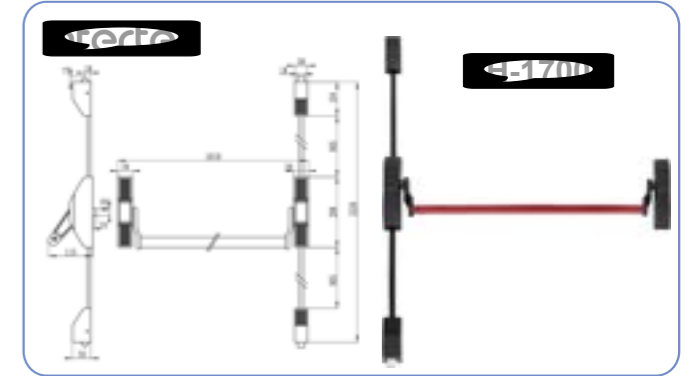
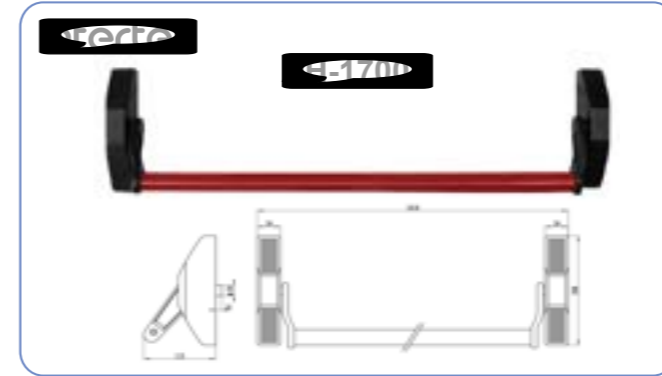


Product Specification

- Door width from 650mm to 1320mm
- Door Height: =2133mm
- Max. Door weight(kg): 200kg
- Max. Door thickness : 50 mm
- Non hand design

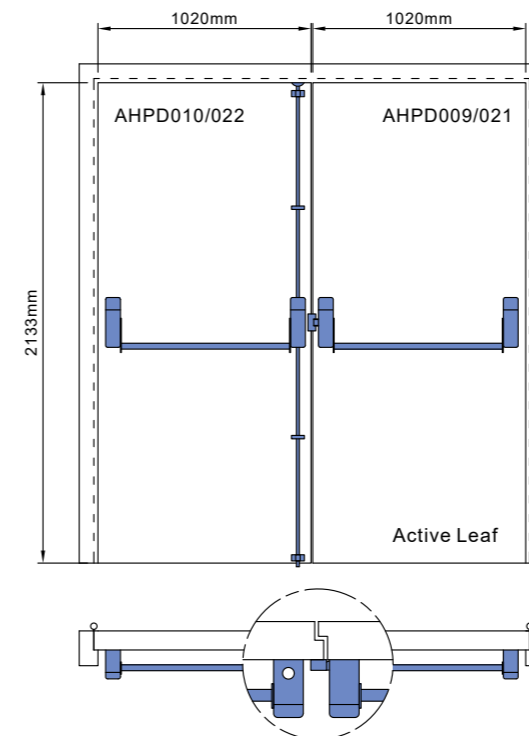
Features

- Available in SS Grade 304 and painted steel
- UL 10C Fire Rated for use on timber and metal doors
- Touch bar length of device :500mm
- Security Anti-thrust latch
- Finish: SSS, PSS, PVD, AB, Silver, Gold

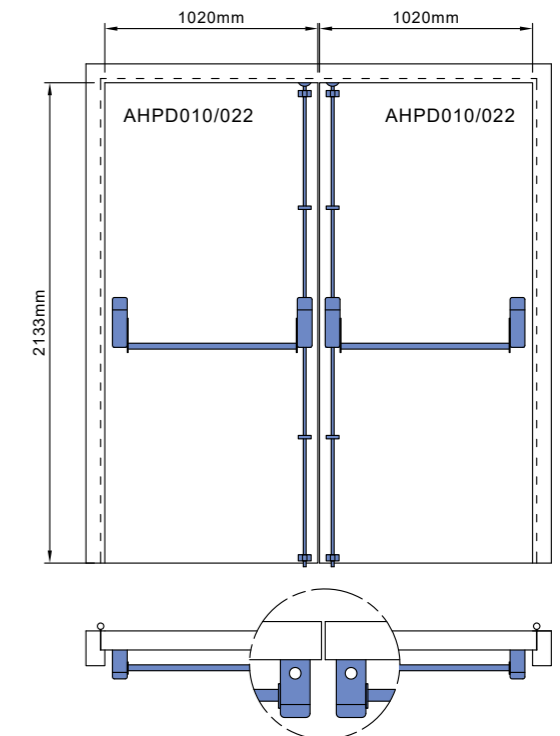


Double Door Configurations

Rebated Doors

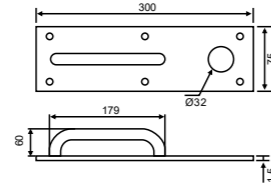


Non Rebated Doors





AHPD011

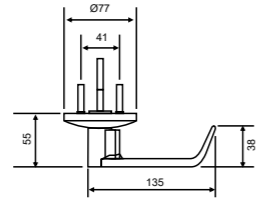


Night Latch Plate

- Stainless Steel 304
- Finish: SSS, PSS, PVD, AB, AC
- Work with cylinder AHPD020



AHPD012

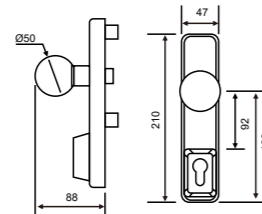


Lever Trim

- Stainless steel 304, zinc alloy
- Finish: SS, PSS, PVD, AB, AC
- Door thickness: 45mm-50mm
- Certificated: EN1634 Fire rated



AHPD013

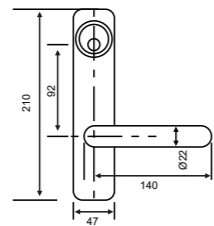


Escutcheon Knob Trim

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Door thickness: 45mm-50mm
- Certificated: EN1634 Fire rated



AHPD014

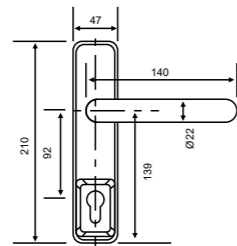


Escutcheon Lever Trim

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Door thickness: 45mm-50mm
- Standard: EN1634 Fire rated



AHPD015

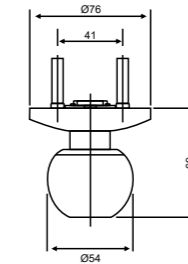


Escutcheon Lever Trim

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Door thickness: 45mm-50mm
- Certificated: EN1634 Fire rated



AHPD016

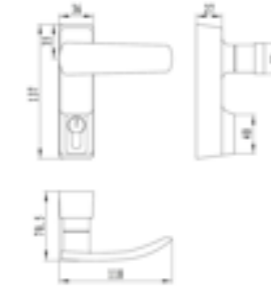


Knob Trim

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Door thickness: 45mm-50mm
- Certificated: EN1634 Fire rated



AH301

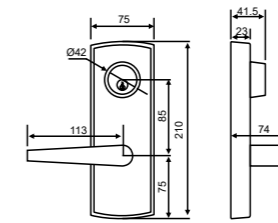


Escutcheon Lever Trim

- Black Steel
- Finish: Silver, Black



AHPD018

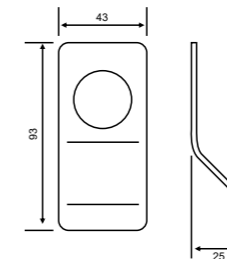


Escutcheon Lever Trim

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Door thickness: 45mm-50mm



AHPD019

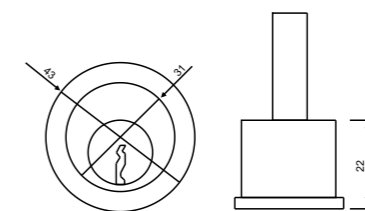


Night Latch Plate

- Stainless steel 304
- Finish: SSS, PSS, PVD, AB
- Work with cylinder AHPD020



AHPD020



Cylinder

- Zinc alloy
- Finish: SN
- Work with AHPD011&AHPD019



RRR
RRR
RRR



Advanced Function of ARGON HARDWARE Door Closer

Hold Open or Hold Open Arm

Hold Open is the ability of the door closer to hold the door in the open position. Most over head door closers achieve this function via a special type arm (Hold Open Arm).
Warning Note: Hold open function are not allow to install for fire doors and smoke doors.

Back Check

To slows the door in the opening swing to help keep it from hitting an adjacent wall ,so that it can't be thrown open violently and damage the door, the closer, door handle and the walls.
 Backcheck resistance should only be felt near the fully open position.
Notes: Backcheck is not a door stop.

Delay Action

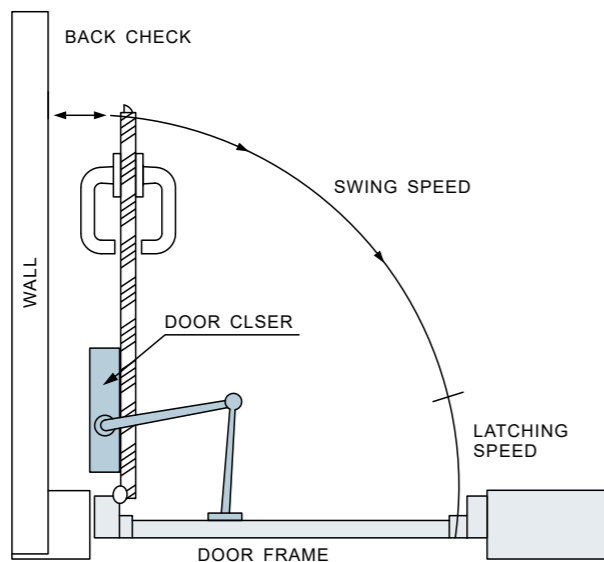
To adjust the delay of door closing from maximum opening,useful on door ways that require the door to stay open for a set amount of time.
 This allows pedestrians to pass through the open door without having to worry about the door closing on them right away.

Swing Speed

To adjustment controls how fast the door closes from fully open to within about fifteen degrees of closed.

Latching Speed

To adjustment controls how fast the door closes for those last few inches.



AH9000

Specification

Power size	EN4	EN5	EN6
Width of door max (mm)	1100	1250	1400
Weight of door max (kg)	80	100	150
Speed Control	Two Adjustable Speed		
Dimension (mm)	L248 x W45 x H68		
Application	Commercial & Residential		

- * **SPRING FORWARD, EASE BACK:** The commercial-grade arm won't interfere with opening while closing doors slowly enough to allow graceful entrance and exit.
- * **GENTLE, HANDS-FREE CLOSING:** Let the door do the work. Enjoy automatic closing and latching, maintaining quiet and security.
- * **ADJUSTABLE TO YOUR NEEDS:** Let customers go their own pace. You get 6 levels of closing power to suit any level of traffic.
- * **CERTIFIABLY RELIABLE:** ANSI 156.4 - Grade 1 is the highest standard achievable for Door Closers. This one has actually surpassed a test to 2 million + cycles.
- * **FITS WHERE YOU NEED IT:** The surface mount design and fit pack options, allow you to install this over any high-traffic area while providing complete control.
- * **Compare to:** LCN4040, LCN4041, Lawrence LH5016, Norton 9500, Sargent 351251, Yale 4400, Corbin-Rosswin DC3000, Hager 5100, Dorma 8916, Stanley D4550, Falcon 9C70 9C71, Cal Royal CR441.

Door Closer Model: D9016 Max. Opening Angle: 150 degree Certification: ANSI/BHMA A156.4
 Warranty Period: 3 years Applicable Temperature: -40 to 45°C Function Optional: CA, Hold Open



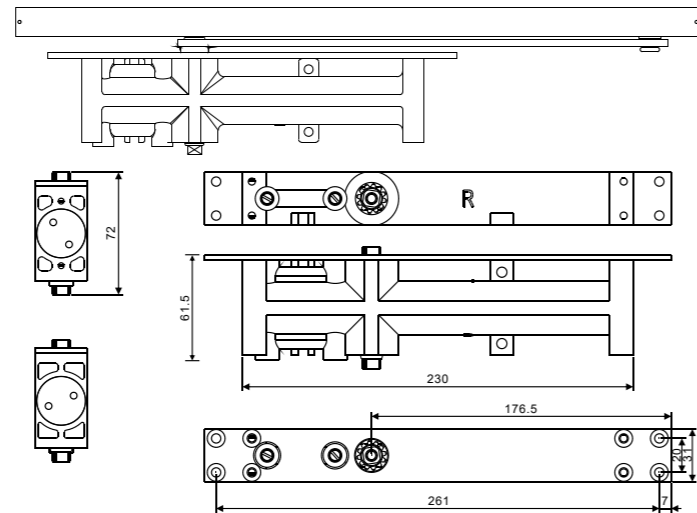
AH8000

Specification

Power size	EN4	EN5	EN6
Width of door max (mm)	950	1100	1250
Weight of door max (kg)	80	100	150
Speed Control	Two Adjustable Speed		
Dimension (mm)	L325 x W62 x H51.5		
Application	Commercial & Residential		

- * **SPRING FORWARD, EASE BACK:** The commercial-grade arm won't interfere with opening while closing doors slowly enough to allow graceful entrance and exit.
- * **GENTLE, HANDS-FREE CLOSING:** Let the door do the work. Enjoy automatic closing and latching, maintaining quiet and security.
- * **ADJUSTABLE TO YOUR NEEDS:** Let customers go their own pace. You get 6 levels of closing power to suit any level of traffic.
- * **CERTIFIABLY RELIABLE:** ANSI 156.4 - Grade 1 is the highest standard achievable for Door Closers. This one has actually surpassed a test to 2 million + cycles.
- * **FITS WHERE YOU NEED IT:** The surface mount design and fit pack options, allow you to install this over any high-traffic area while providing complete control.
- * **Compare to:** Norton 9501, LCN 1481, Lawrence LH516, Yale 3301, Corbin-Rosswin DC3210, Hager 5200, Dorma 9600, Stanley D3551, Arrow 5016X.

Door Closer Model: D9016 Max. Opening Angle: 150 degree Certification: ANSI/BHMA A156.4
 Warranty Period: 3 years Applicable Temperature: -40 to 45°C Function Optional: BC, DA, HD



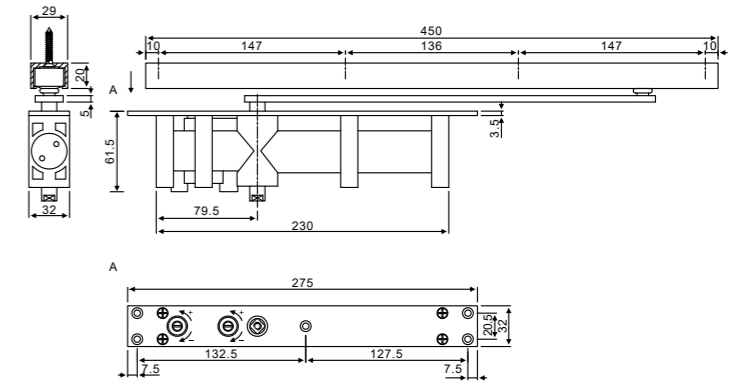
AH70A
Concealed Door Closer

Specification

Power size		
Width of door max (mm)	850	1100
Weight of door max (kg)	65	100
Speed Control	Two Adjustable Speed	
Dimension (mm)	L339 x W32 x H45mm	
Application	Commercial & Residential	

Features

- High quality imported Gaskets to prevent oil leakage.
- Strong Spring to guarantee powerful closing.
- Reliable closing with adjustable latching action.
- 2 Speed controls: Closing speed and Latching speed.



AHDC009
Concealed Door Closer

Specification

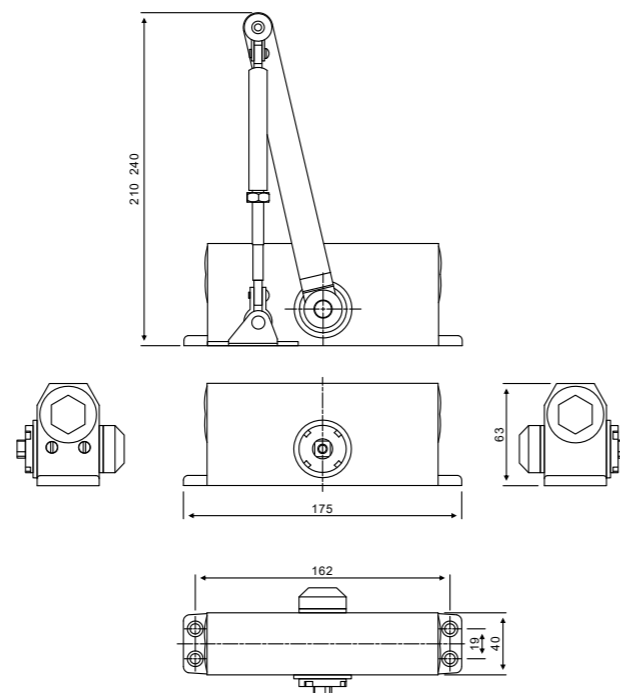
Power size	EN3	EN4
Width of door max (mm)	950	1100
Weight of door max (kg)	60	80
Speed Control	Two Adjustable Speed	
Dimension (mm)	L230 x W32 x H61.5	
Application	Commercial & Residential	

Features

- Applicable to single door with the maximum door width of 1000mm.
- Precise sealed, preventing oil leakage, preventing oil leakage.
- High quality die-casting aluminum alloy, protected with two-layer bright paint.
- Two hydraulic press valves controlling two stage doors closing speed automatically, 180 degrees fully hydraulic control.
- Two stage speed adjustment, 90-160 degree locating function is available.
- Either to be installed on doors with normal method or to be installed on door frame.
- Standard color: golden, silver, copper or other kinds of color on clients' requirements.



AH500

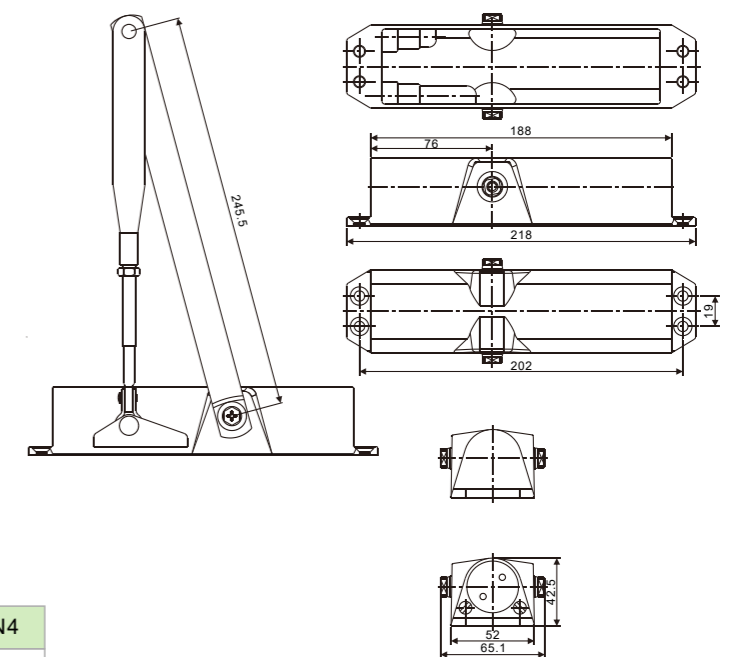


Specification

Power size	EN2	EN3
Width of door max (mm)	850	950
Weight of door max (kg)	40	65
Speed Control	Two Adjustable Speed	
Dimension (mm)	L175 x W40 x H63	
Application	Commercial & Residential	

Features

- High quality imported Gaskets to prevent oil leakage.
- Strong Spring to guarantee powerful closing.
- Reliable closing with adjustable latching action.
- 2 Speed controls: Closing speed and Latching speed.



AHDC007

Specification

Power size	EN2	EN3	EN4
Width of door max (mm)	850	950	1100
Weight of door max (kg)	40	60	80
Speed Control	Two Adjustable Speed		
Dimension (mm)	L218 x W52 x H42.5		
Application	Commercial & Residential		
Passed durability test	500,000 cycles		

Features

- High quality imported Gaskets to prevent oil leakage.
- Strong Spring to guarantee powerful closing.
- Reliable closing with adjustable latching action.
- 2 Speed controls: Closing speed and Latching speed.



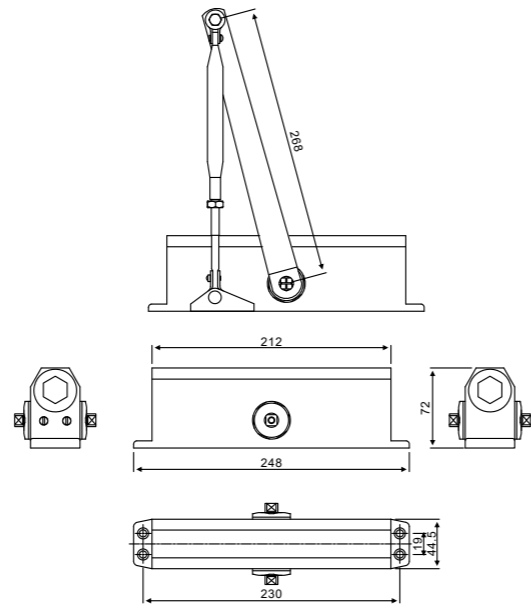
AHDC018

Specification

Power size	EN3	EN4	EN5
Width of door max (mm)	950	1100	1250
Weight of door max (kg)	80	100	120
Speed Control	Two Adjustable Speed		
Dimension (mm)	L248 x W44.5 x H72		
Application	Commercial & Residential		
Passed durability test	500,000 cycles		

Features

- UL listed, CE Certification.
- 500,000 Cycles Guaranteed In Endurance.
- Two separate valves adjustable closing & latching speed.
- Work Temperature -30 C TO 60 C.
- Optional Built-In HOLD OPEN type.
- Universal Application: Standard, Top- amb. Parallel Arm installation.



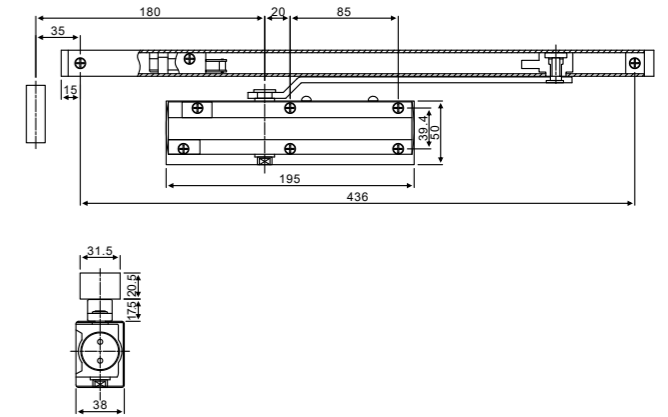
AHDC008

Specification

Power size	EN2	EN3
Width of door max (mm)	850	950
Weight of door max (kg)	45	65
Speed Control	Two Adjustable Speed	
Dimension (mm)	L 195 x W50 x H31.5	
Application	Commercial & Residential	

Features

- Applicable to single door with the maximum door width of 1000mm.
- Precise sealed, preventing oil leakage, preventing oil leakage.
- High quality die-casting aluminum alloy, protected with two-layer bright paint.
- Two hydraulic press valves controlling two stage doors closing speed automatically, 180 degrees fully hydraulic control.
- Two stage speed adjustment, 90-160 degree locating function is available.
- Either to be installed on doors with normal method or to be installed on door frame.
- Standard color: golden, silver, copper or other kinds of color on clients' requirements.



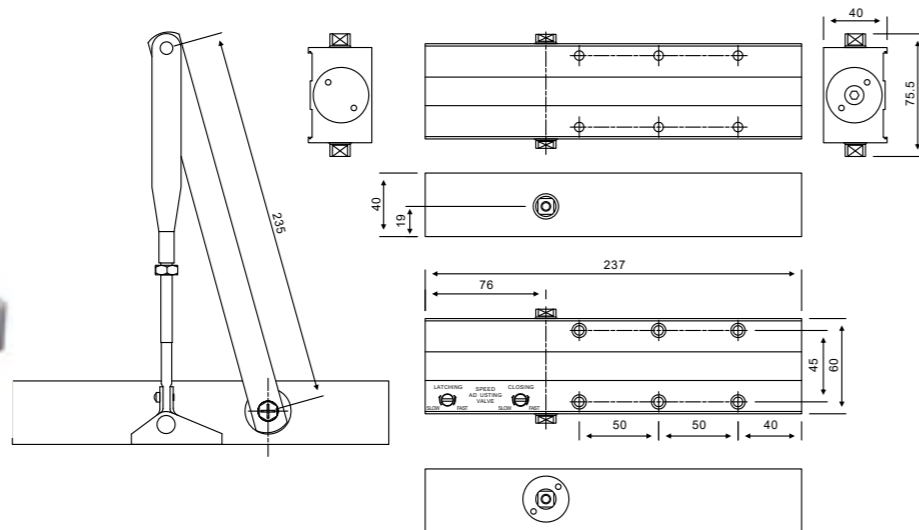
AH2024

Specification

Power size	EN2	EN3	EN4	EN5
Width of door max (mm)	850	950	1100	1250
Weight of door max (kg)	40	60	85	100
Speed Control	Two Adjustable Speed			
Dimension (mm)	L237 x W60 x H40			
Application	Commercial & Residential			
Passed durability test	500,000 cycles			

Features

- Tested to CE EN1154 By intertek.
- Power adjustable for EN2 5 by spring.
- EN fire Tested .
- Suitable for -45 C to 60 C environment.



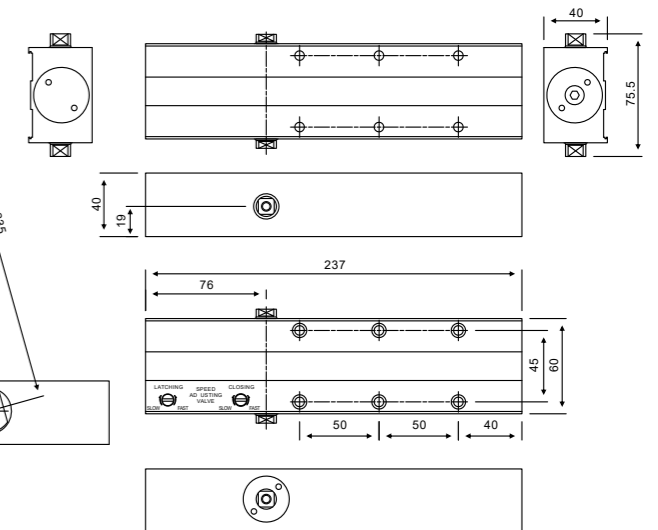
AH3036

Specification

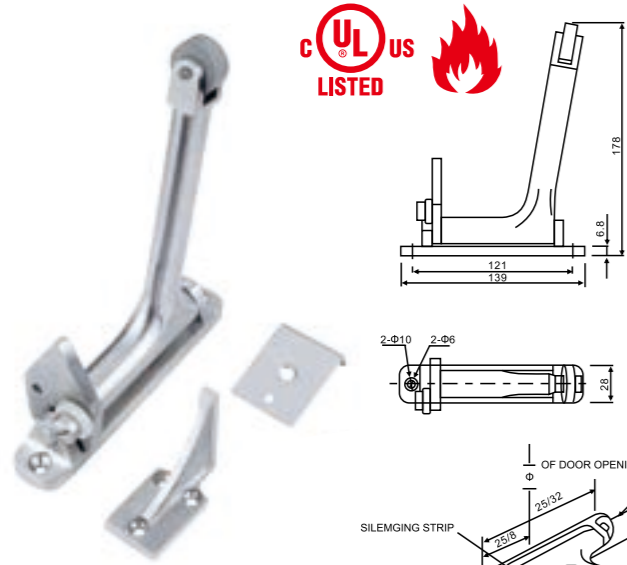
Power size	EN3	EN4	EN5	EN6
Width of door max (mm)	950	1100	1250	1500
Weight of door max (kg)	60	85	100	150
Speed Control	Two Adjustable Speed			
Dimension (mm)	L237 x W60 x H40			
Application	Commercial & Residential			
Passed durability test	500,000 cycles			

Features

- Tested to CE EN1154 By intertek.
- Power adjustable for EN2 5 by spring.
- EN fire Tested .
- Suitable for -45 C to 60 C environment.

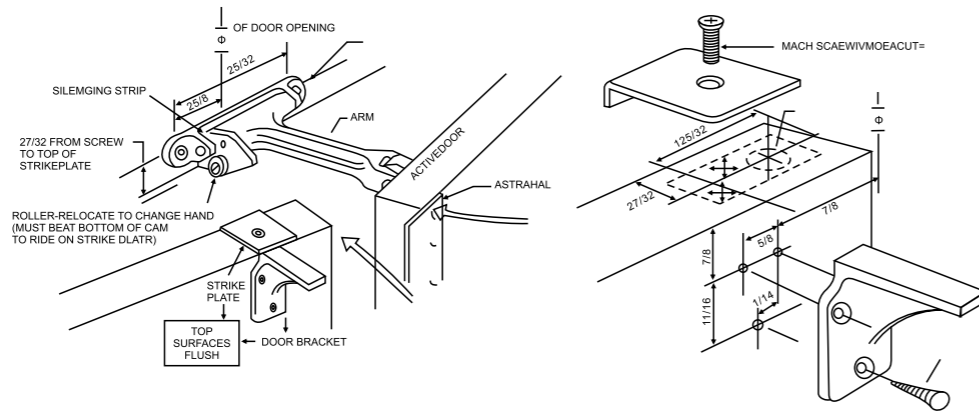


Gravity Door Selector for Hollow Metal Doors SBJ001

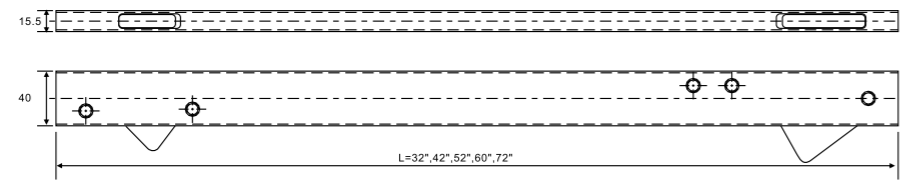
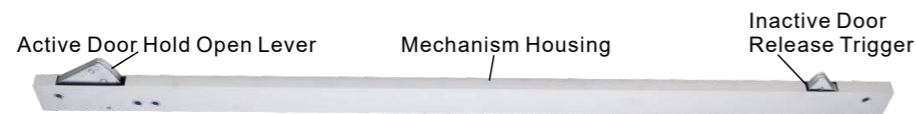


- Material: Casting Stainless Steel 304
- Size A: 7" Projection(140x170mm)
Size B: 9" Projection(200x225mm)
- Non-handed Reversible
- Roller arm stops active door from closing before the inactive door.
- Gravity action arm and door bracket are adjustable on the job for ease of installation.
- Used with door closer to make sure the doors is closed properly and completely
- Available for Heavy Duty Double Doors of public buildings

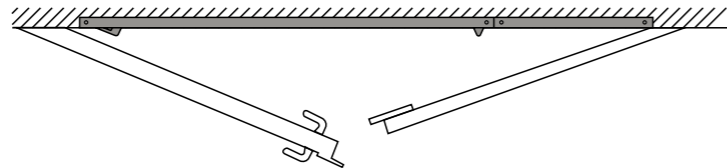
Size	
A	7" Projection
B	9" Projection



Concealed Door Coordinator for Double Doors AHDR003

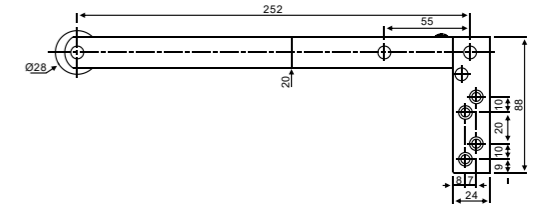


Installation Diagram

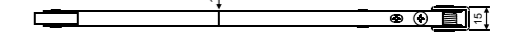


- Material: Stainless Steel 201/ 304
- Size: 40x15x(600-18000mm)
- The coordinator with companion filler is designed to become an integral part of the door frame and when painted with frame becomes virtually invisible.
- It is engineered to prevent damage in case of abnormal force against active door that is held open
- Used with door closer to make sure the doors is closed properly and completely

Universal Door Coordinator for Double Doors AHDR002-A

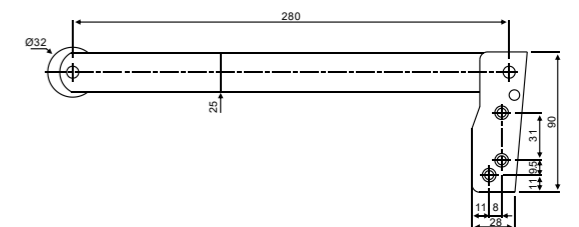


Size: 252x88

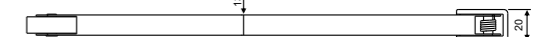


- Material: Stainless Steel 201/ 304
- Size: 252x88 mm
- Non-handed
- Roller arm stops active door from closing before the inactive door.
- Used with door closer to make sure the doors is closed properly and completely

Universal Door Coordinator for Double Doors AHDR002-B

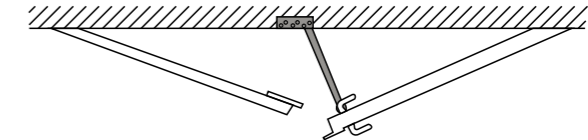


Size: 280x90

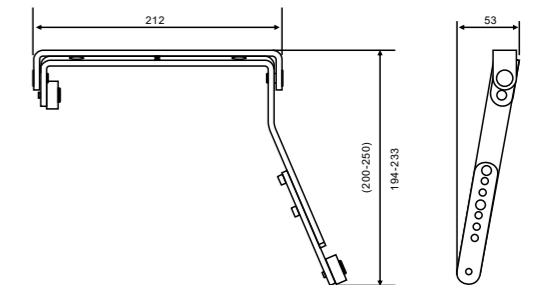


- Material: Stainless Steel 201/ 304
- Size: 280x90 mm
- Non-handed
- Roller arm stops active door from closing before the inactive door.
- Used with door closer to make sure the doors is closed properly and completely

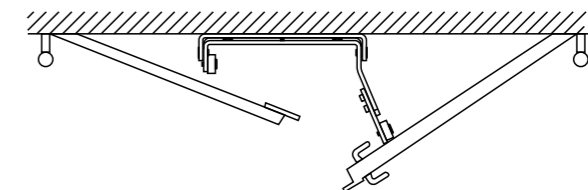
Installation Diagram



Door Coordinator for Double Doors AHDR004



Installation Diagram



- Material: Steel
- Size: 210x235mm
- Used with door closer to make sure the doors is closed properly and completely



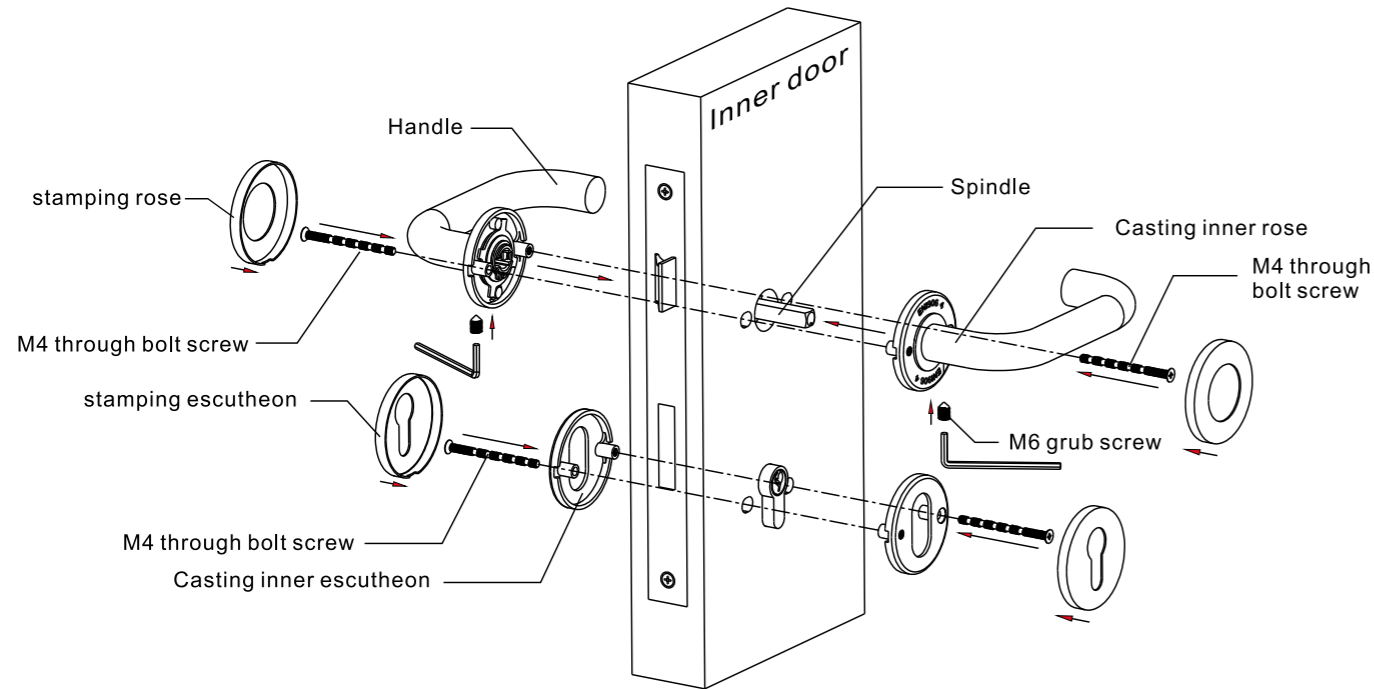
TRAVELER



Material	Stainless Steel
Finish	Stain, Polished,PVD, AB, AC
Bearing	Lever handle pivot-fitted in rose,with height holding mechanism
Standard	Certified in compliance with EN1906:2012
Class	47-1140B
Standard	Certified in compliance with EN1634:2012
Class	2 hours fire rated



EN1906 Class 4
EN1634 Fire Rated 2 Hours



Category of use	Test Cycles Durability	Door Mass	Fire Resistance	Safety for persons	Corrosion Resistance	Security	Type of operation
4	7	-	1	1	4	0	B

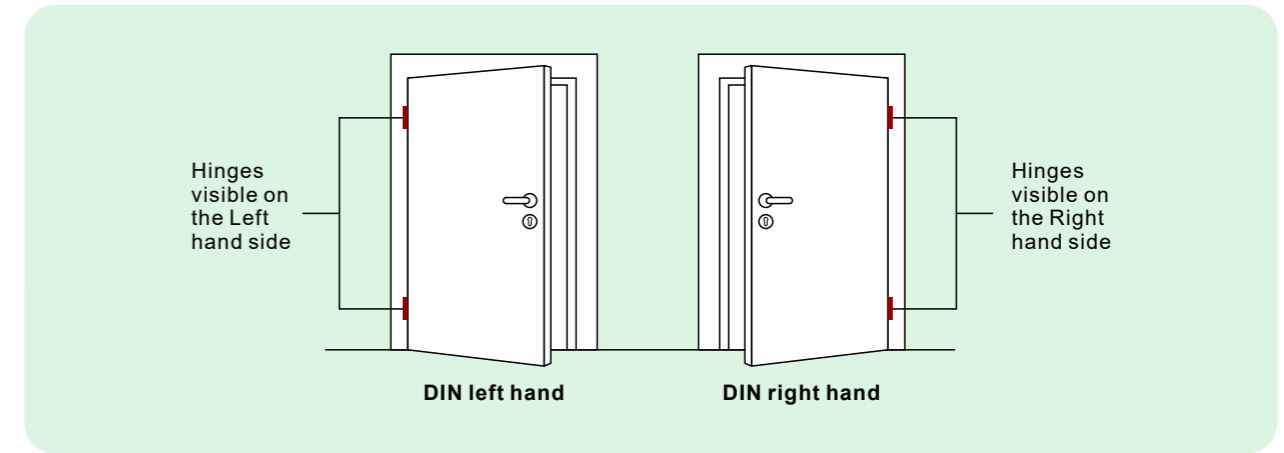
	Supplied With	Door Thickness(mm)
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of CB escutcheons 4 Threaded screws M4×60mm,can be shortened	38-55
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of PC escutcheons 4 Threaded screws M4×60mm,can be shortened	38-55
	2 Lever handle aperture parts with handle roses 1 Spindle 8×8×100mm 1 Pair of WC escutcheons with red/green indicator disc 1 Locking pin 8×8×65mm 4 Threaded screws M4×60mm,can be shortened	38-55

Door Direction-left or Right

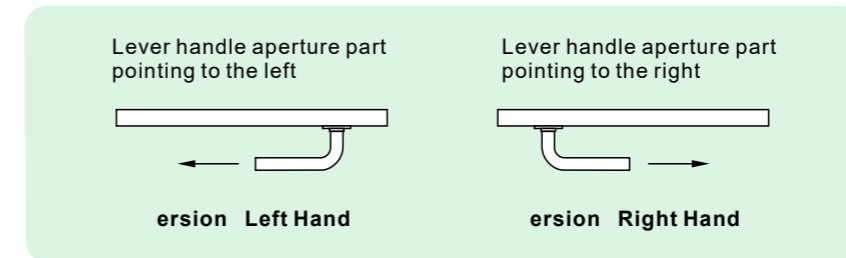
The door direction (left/right) according to DIN 107 is determined as follows:

Visible position of the door hinges on the left: **(DIN) left**

Visible position of the door hinges on the right: **(DIN) right**



Lever Handle Direction



When selecting alternate sets with asymmetrical handles a distinction to the right/left is required.

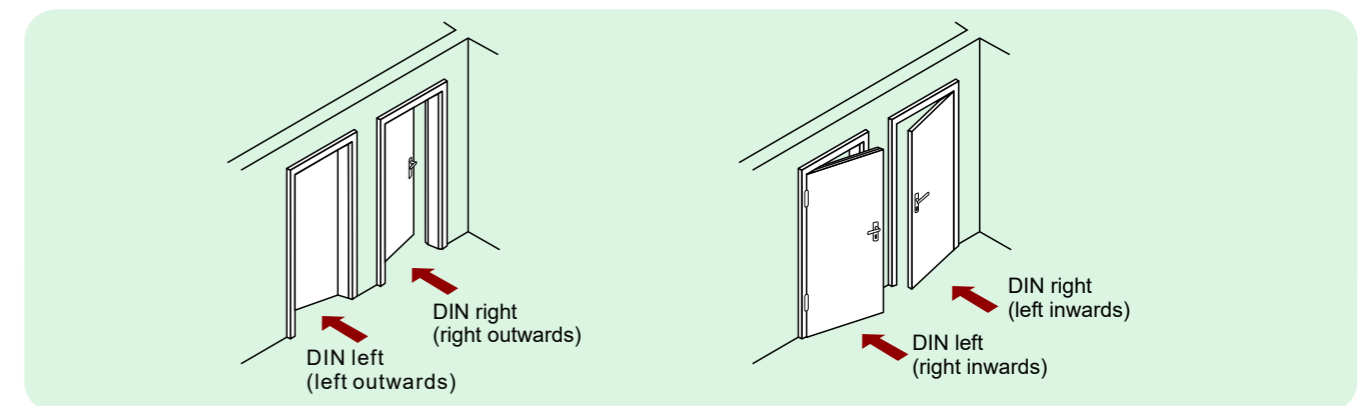
It is therefore necessary to observe the particular door direction.

Examples of asymmetrical lever handles

Examples of symmetrical lever handles



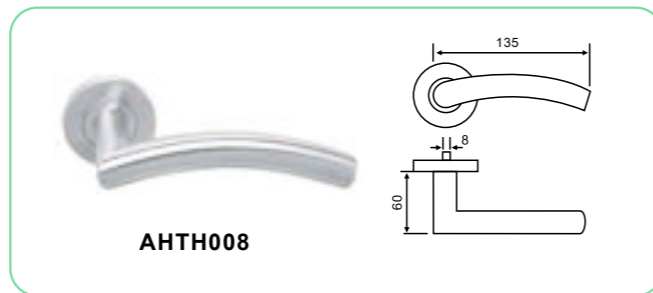
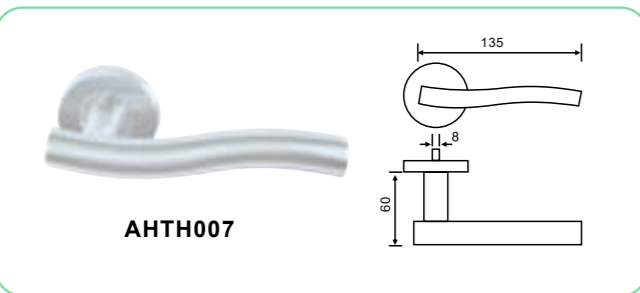
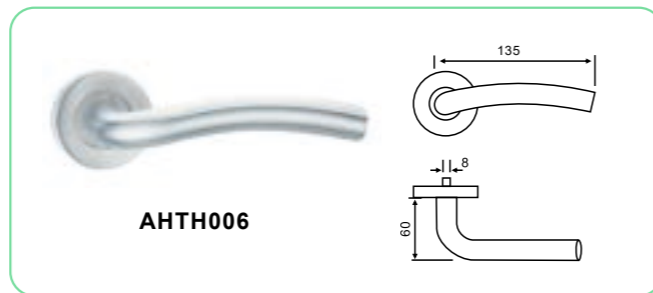
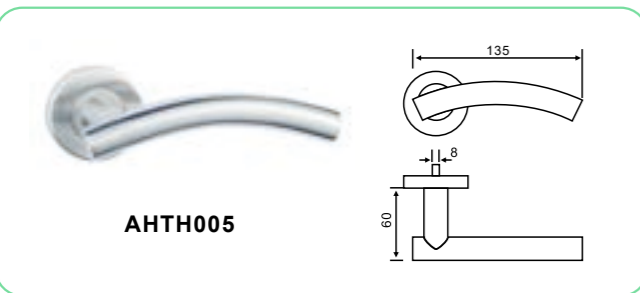
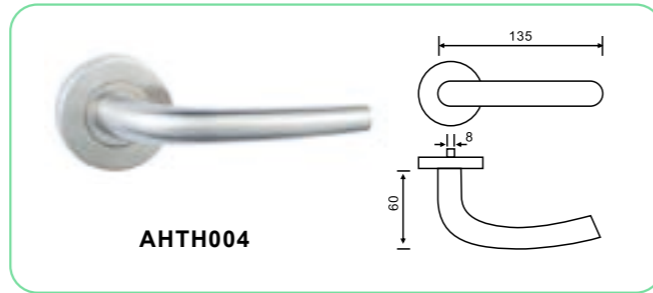
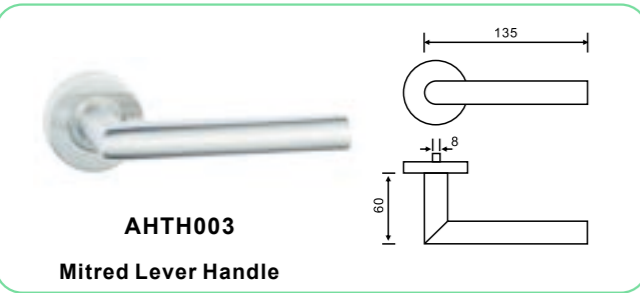
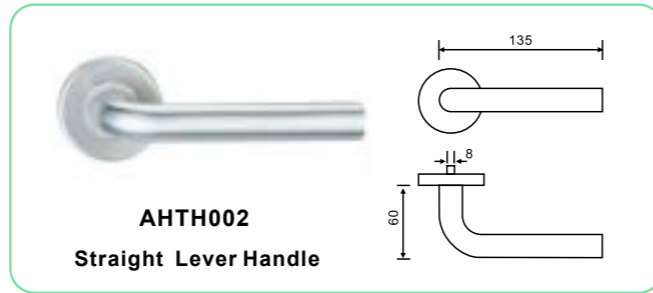
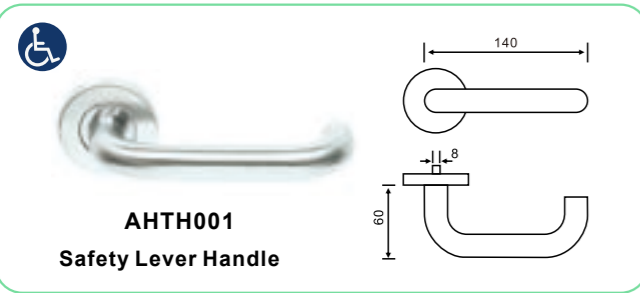
Opening Direction



Features

- Certification : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 201/ 304 / 316
- Diameter : $\Phi 16$ / $\Phi 19$ / $\Phi 20$ / $\Phi 22$ mm
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



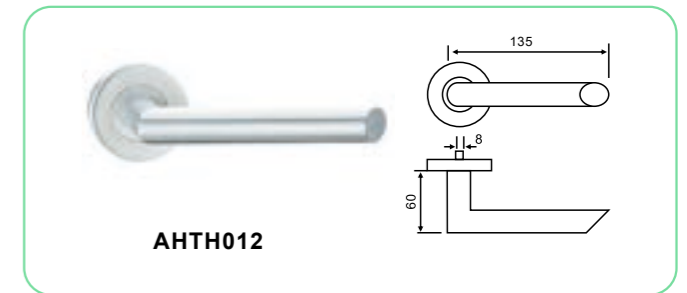
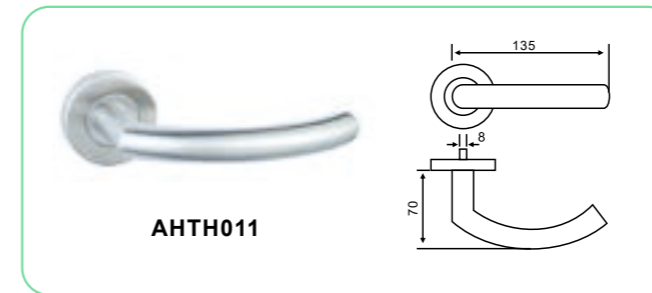
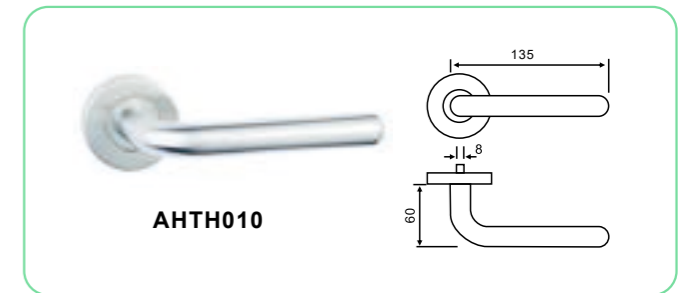
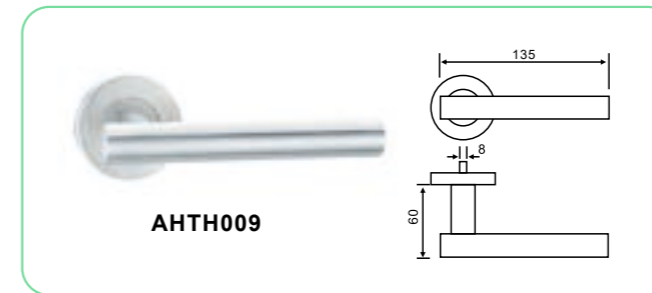
Optional ersion



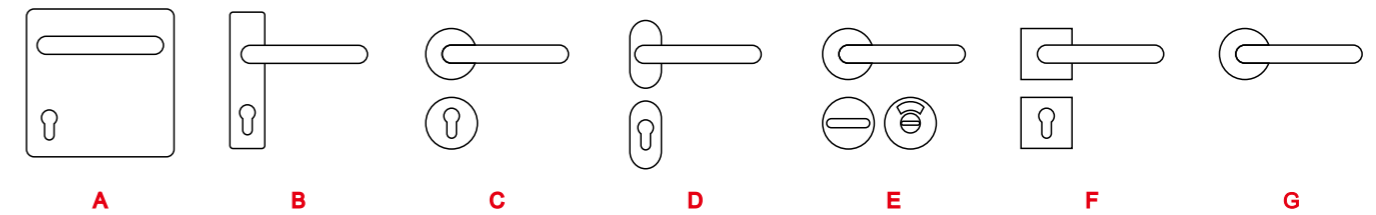
Features

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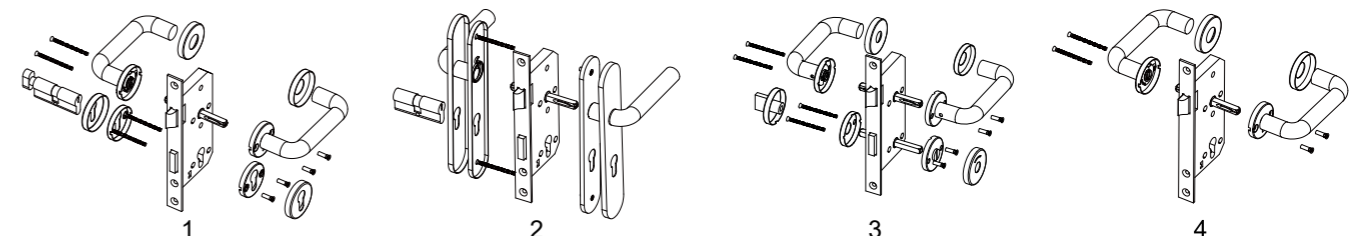
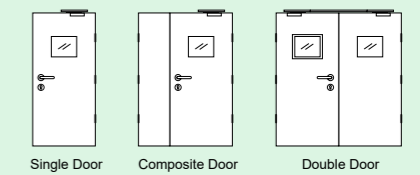


Optional ersion



Application

- | Doors | | Projects |
|----------------|----------------------|-------------------------|
| • Wooden Doors | • Hollow Metal Doors | • Stadium |
| • Steel Doors | • Aluminum Doors | • Academic |
| • Office Doors | • Fire-Rated Doors | • Mixed-use |
| | | • Hotels |
| | | • Airports |
| | | • Residential Buildings |



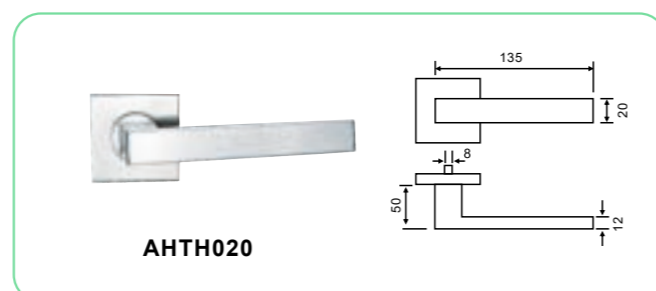
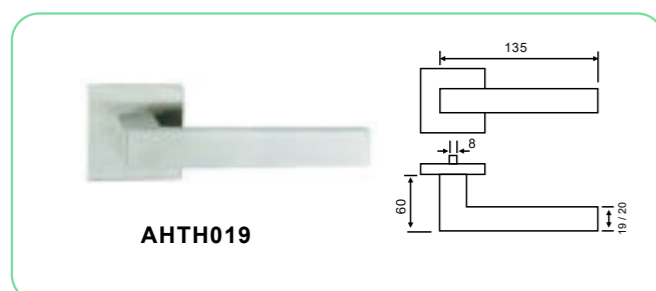
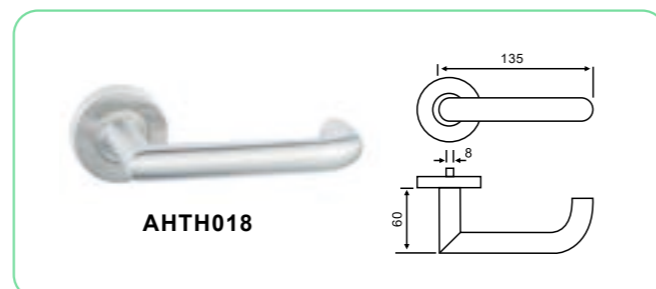
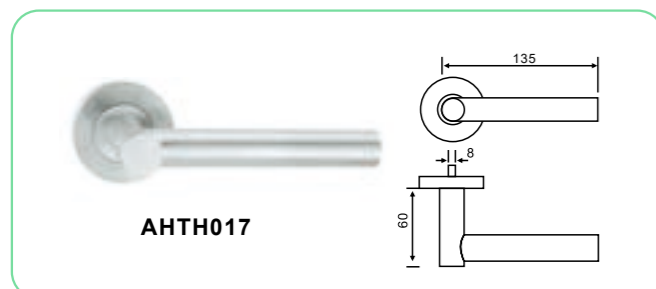
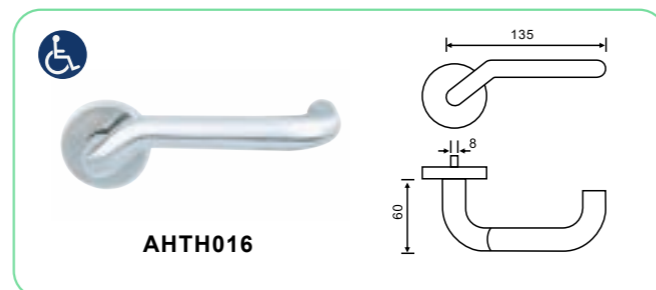
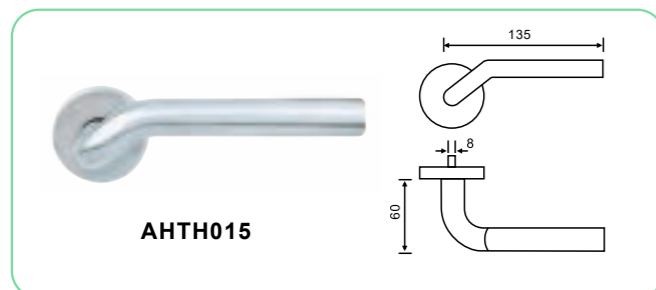
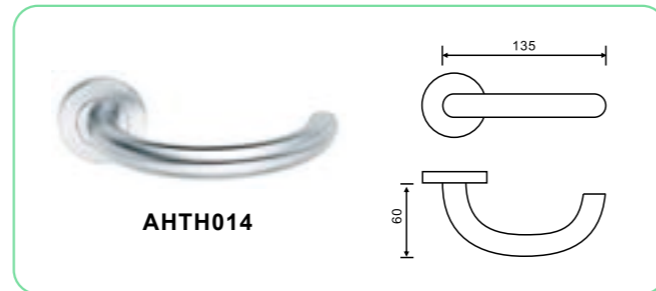
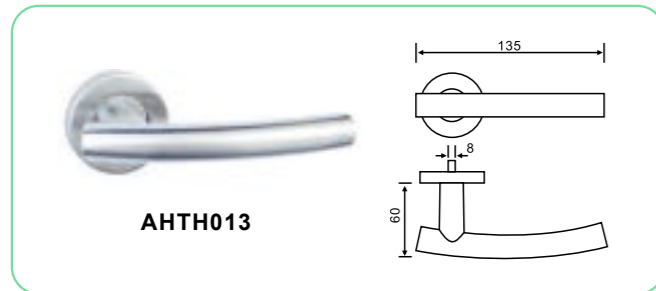
Hollow Lever Handle



Features

- Certification : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 201/ 304 / 316
- Diameter : $\Phi 16$ / $\Phi 19$ / $\Phi 20$ / $\Phi 22$ mm
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



Optional version

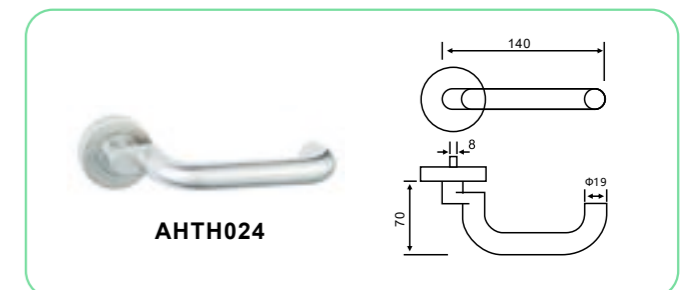
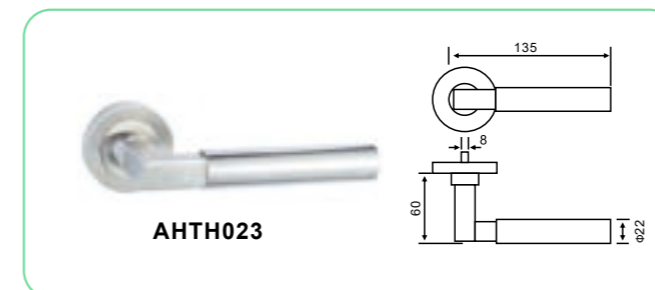
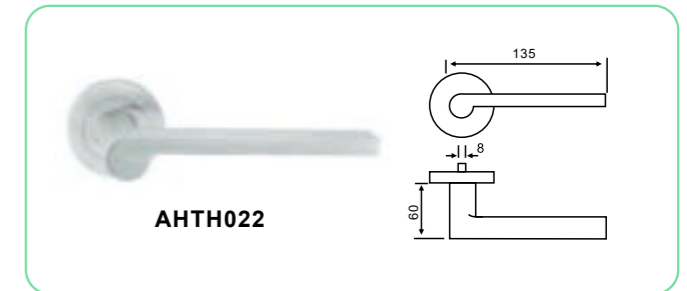


Hollow Lever Handle

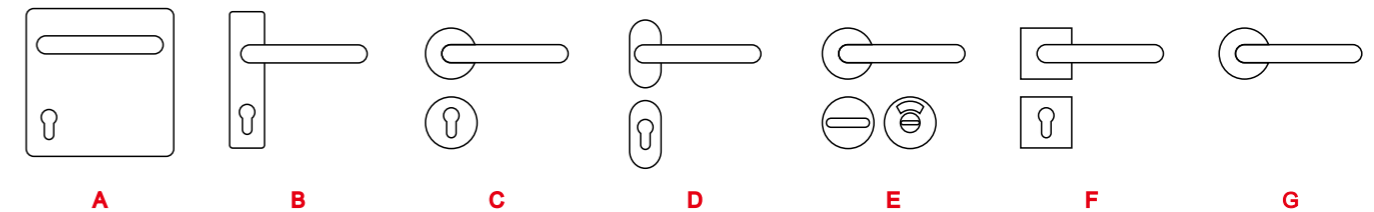
Features

- Certification : EN1906, Grade 4
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- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors

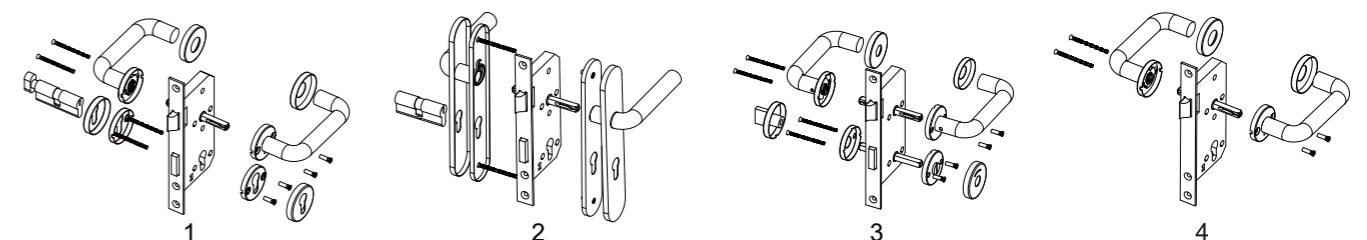
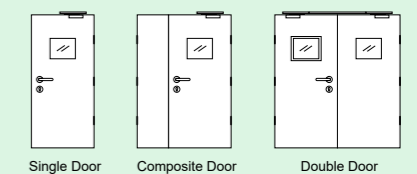


Optional version



Application

- | Doors | Projects |
|--|---|
| <ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors | <ul style="list-style-type: none"> • Stadium • Academic • Mixed-use |
| <ul style="list-style-type: none"> • Hollow Metal Doors • Aluminum Doors • Fire-Rated Doors | <ul style="list-style-type: none"> • Hotels • Airports • Residential Buildings |



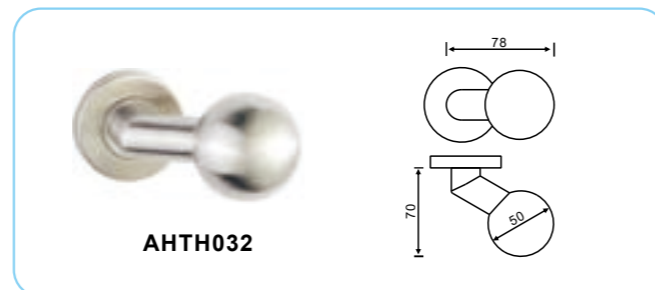
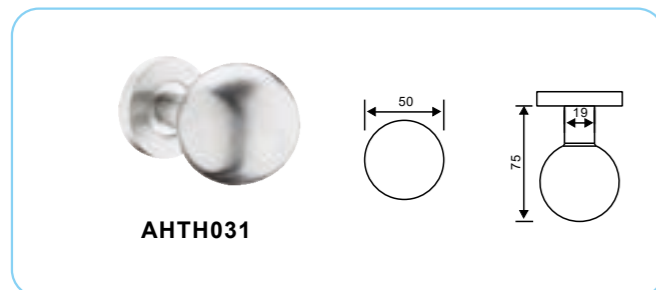
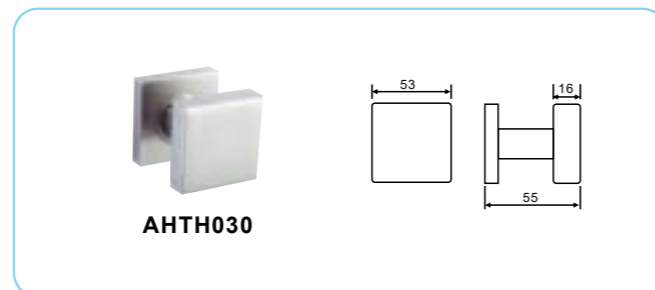
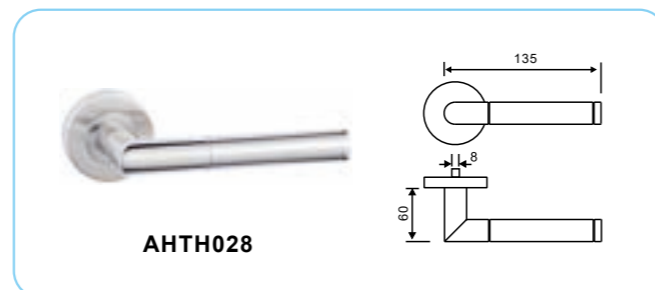
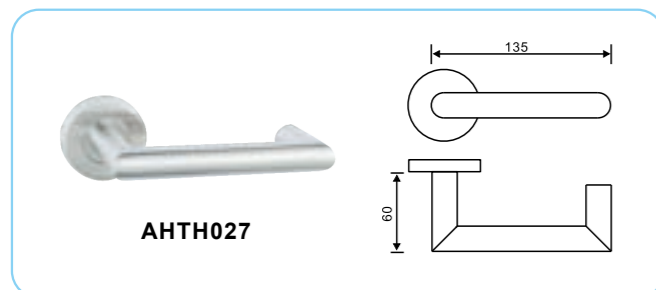
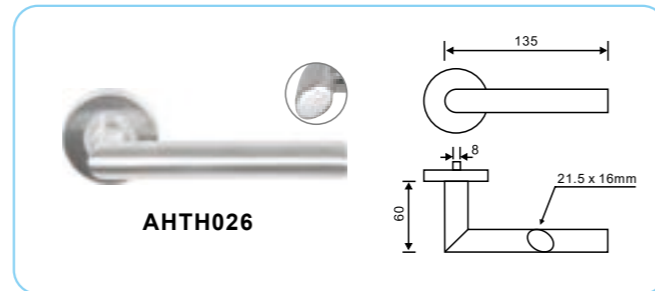
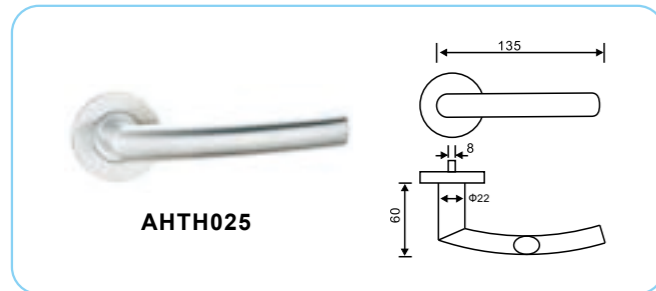
Hollow Lever Handle



Features

- Certification : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 201/ 304 / 316
- Diameter : $\Phi 16$ / $\Phi 19$ / $\Phi 20$ / $\Phi 22$ mm
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



Optional version

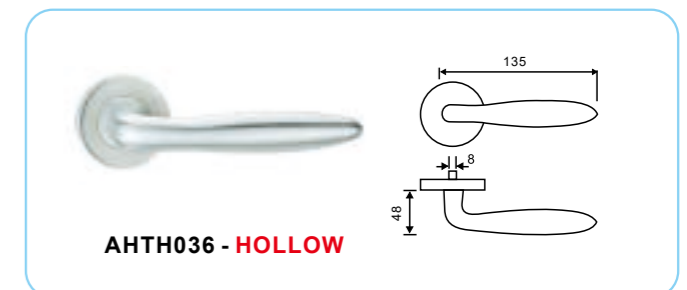
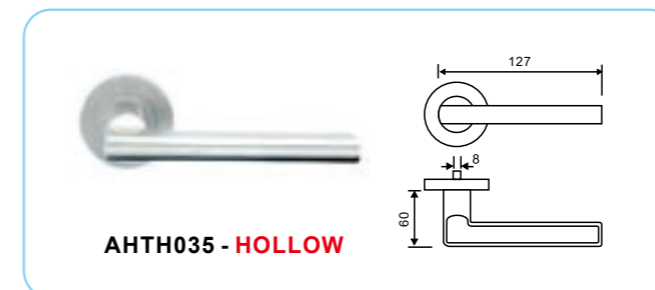
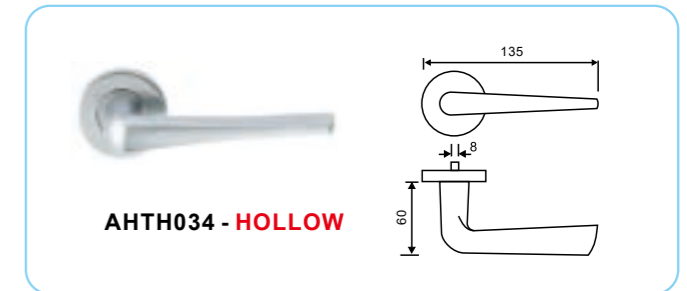
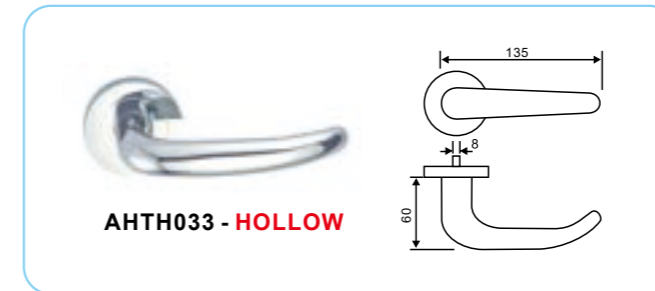


Hollow Lever Handle

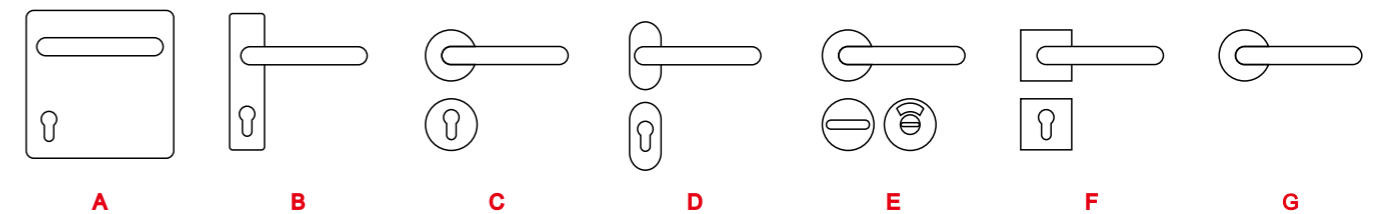
Features

- Certification : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

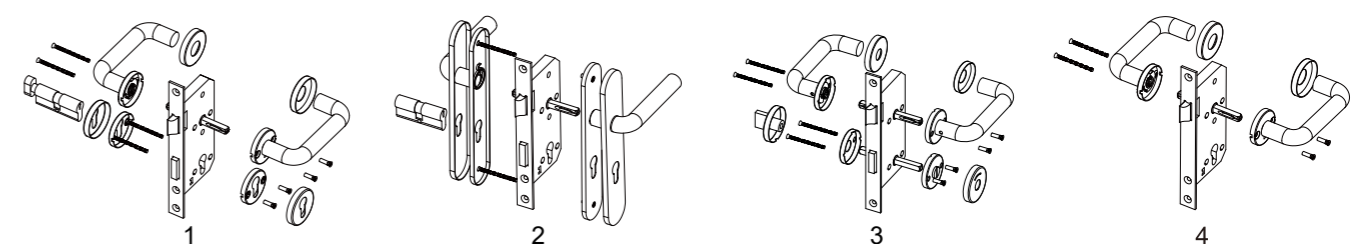
- Material : Stainless Steel 201/ 304 / 316
- Diameter : $\Phi 16$ / $\Phi 19$ / $\Phi 20$ / $\Phi 22$ mm
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



Optional version



Application	
Doors <ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors • Hollow Metal Doors • Aluminum Doors • Fire-Rated Doors 	Projects <ul style="list-style-type: none"> • Stadium • Academic • Mixed-use • Hotels • Airports • Residential Buildings

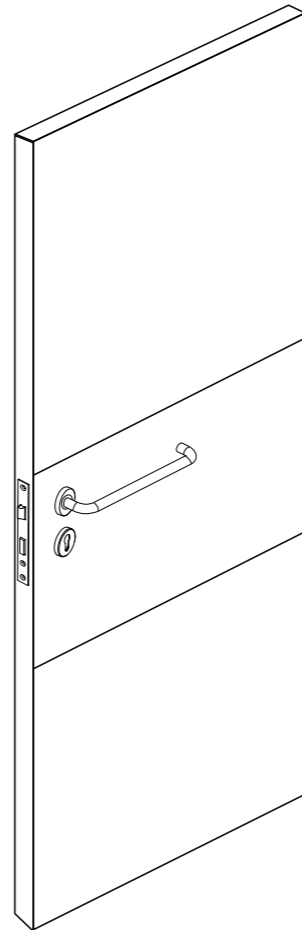
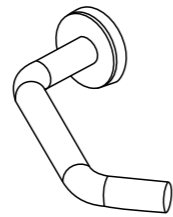
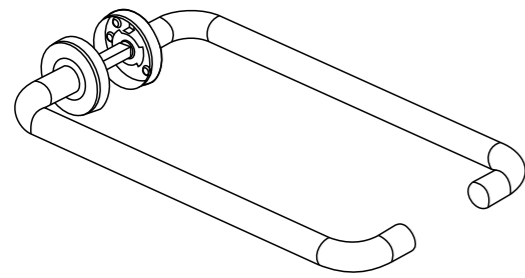
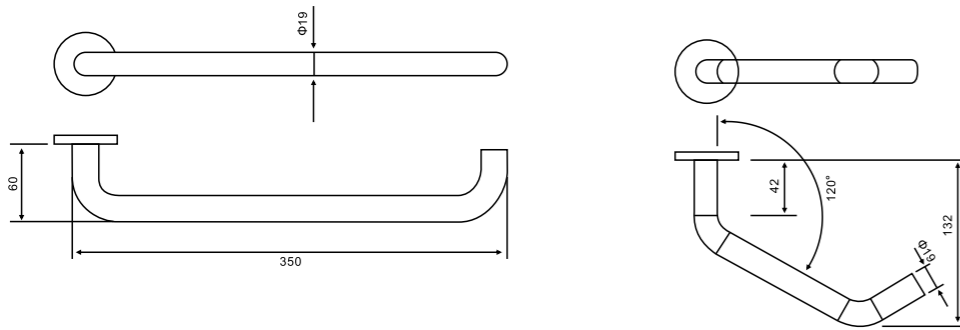


Hollow Lever Handle



AHTH037
Disable handle

Optional version

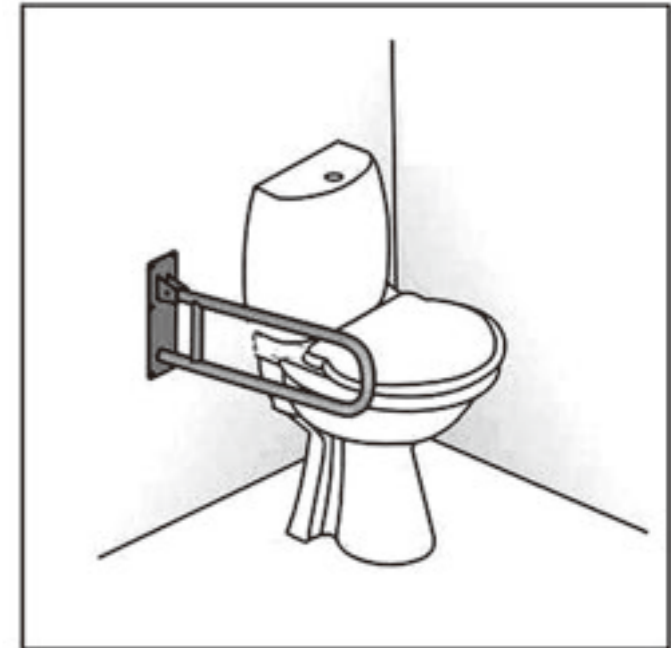
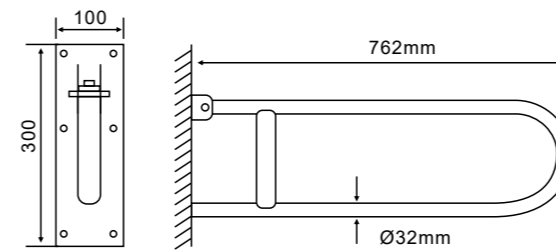


- Application Range: hospital, warehouse or public area.
- Apply to disabled person
- Optionally match up with Panic lock or passenger lock
- Handle shape and length can be designed accordingly

Disabled Safety Grab Bar



AHTH038
Disabled Safety Grab Bar



Disabled Safety Grab Bar

Grab bars for the bath and shower assist the elderly and disabled with getting in and out easily. Bathroom grab bars are available in many types, such as steel grab bars. Also, grab bar installation is very easy as they mount on the shower wall.

- Maximum weight capacity of 220 lbs
- Material: Heavy Duty 304 Stainless Steel
- Finish : Satin, PSS
- Diameter: 32mm
- Length: 30"
- Installation : For Right or Left Handed

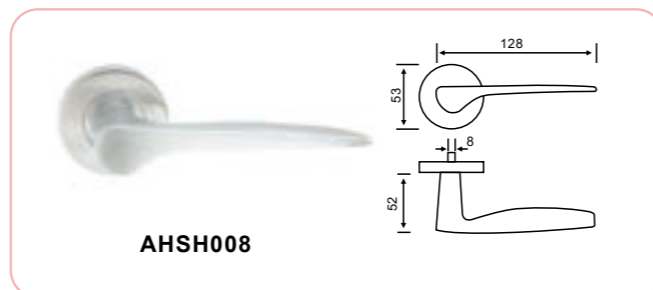
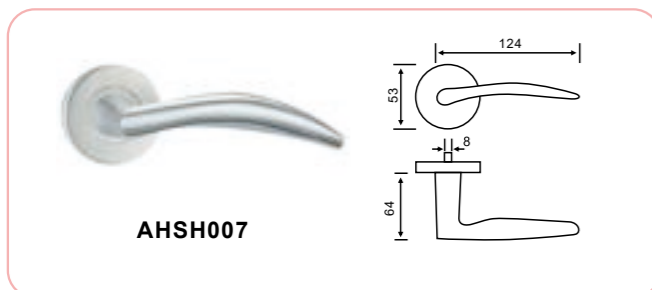
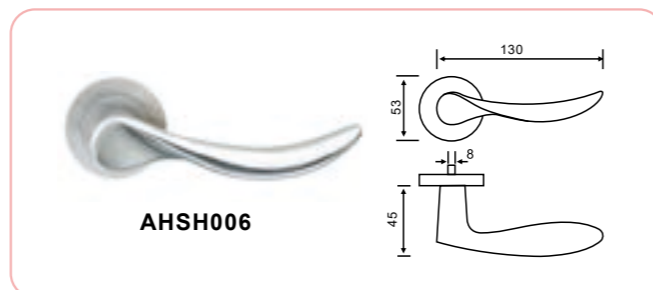
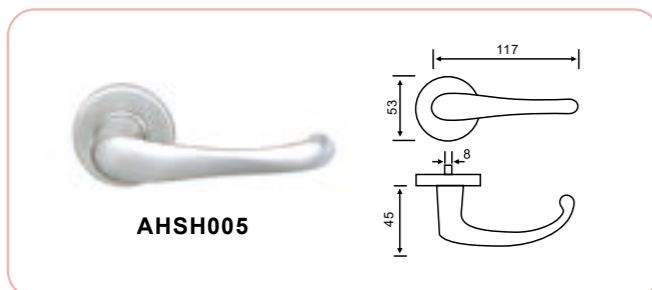
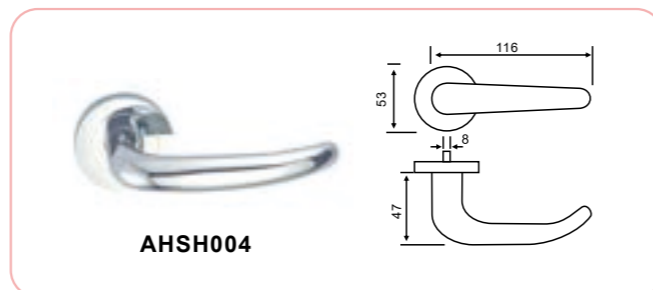
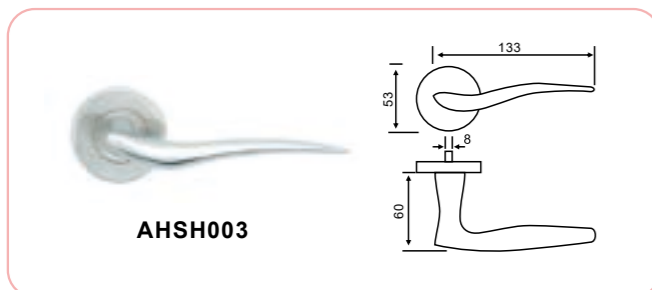
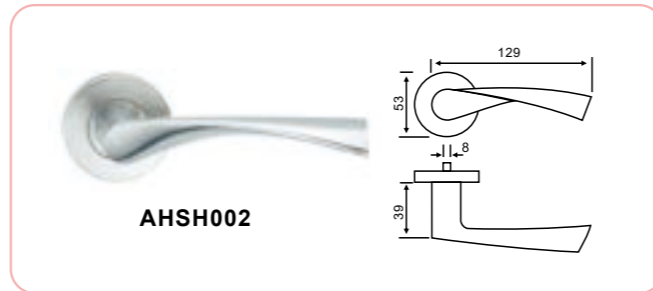
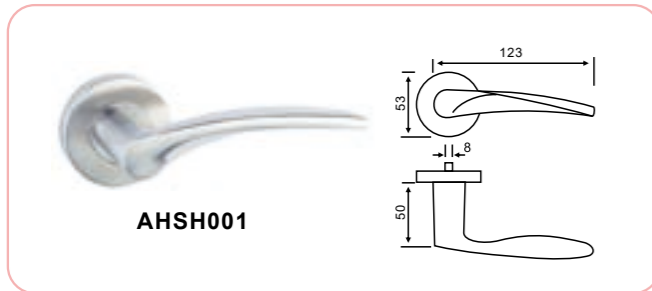
Solid Lever Handle



Features

- EN Compliance : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 304 / 316
- Rosette Type: Clip on / Thread Type
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



Optional ersion

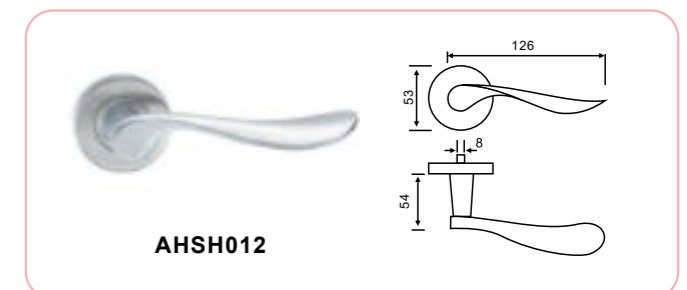
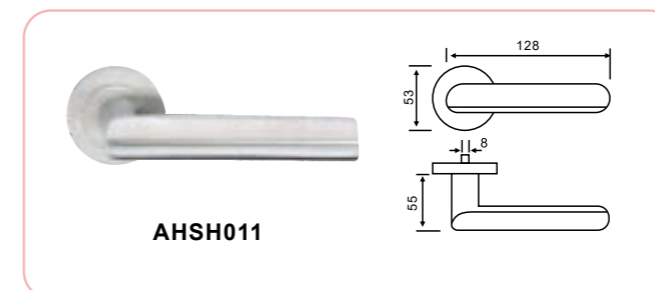
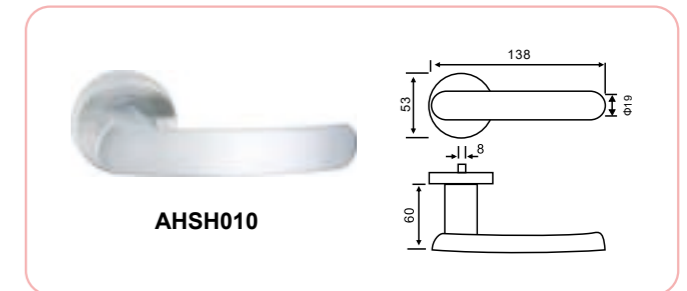
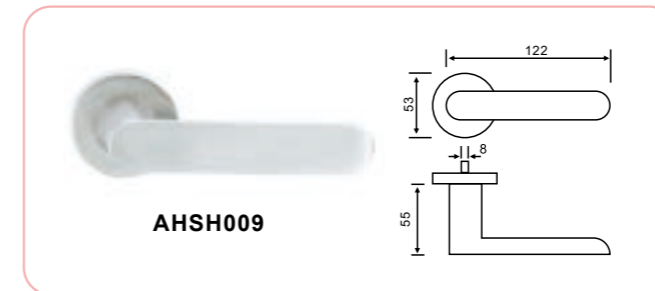


Solid Lever Handle

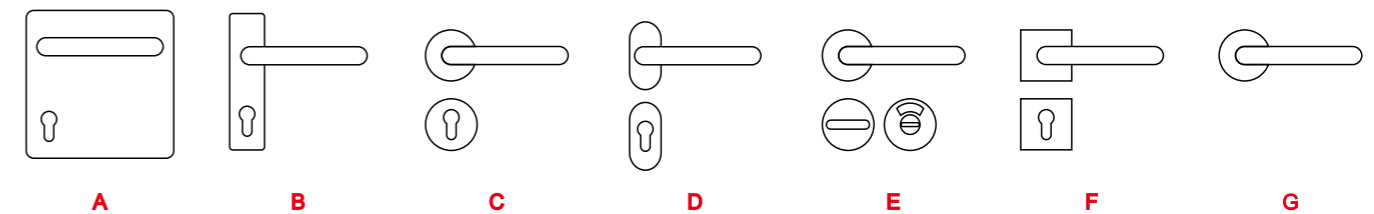
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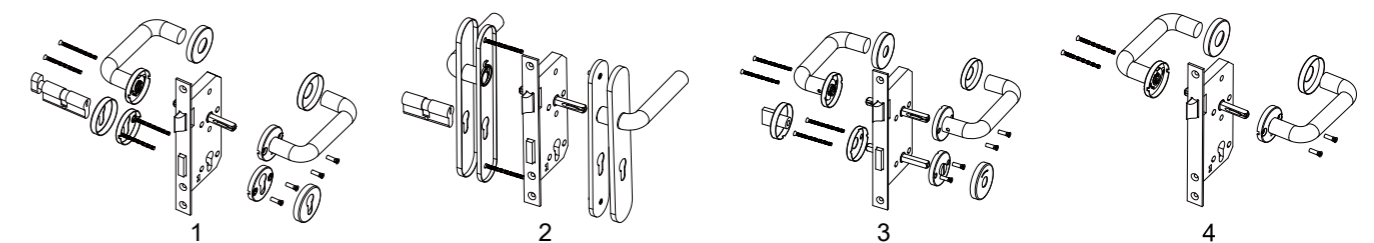
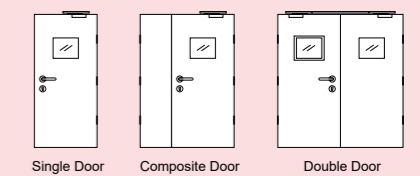


Optional ersion



Application

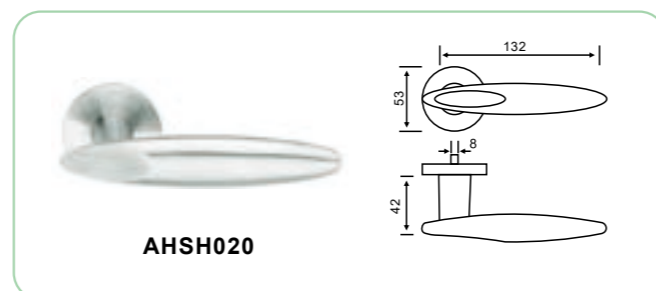
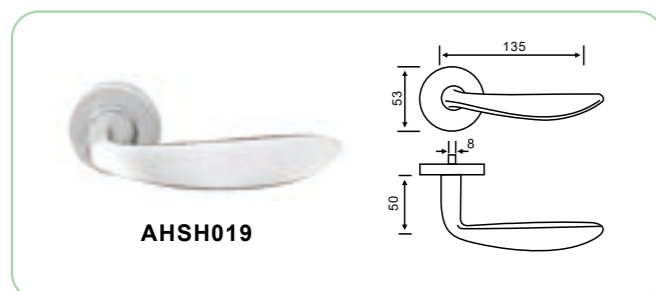
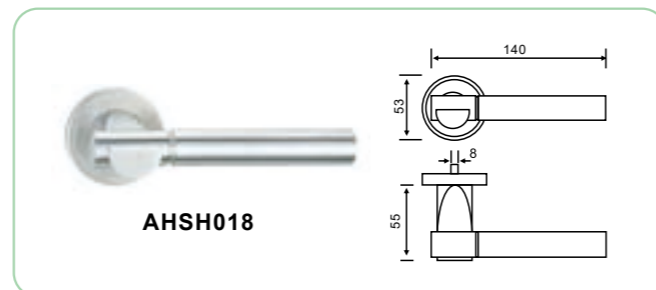
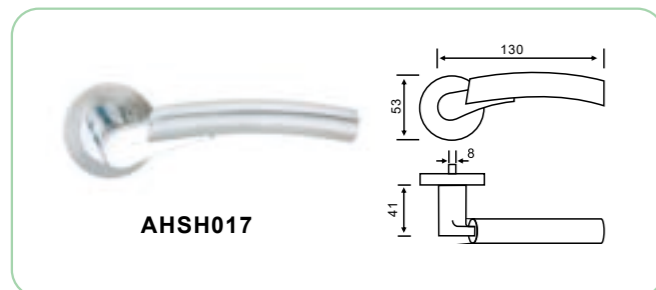
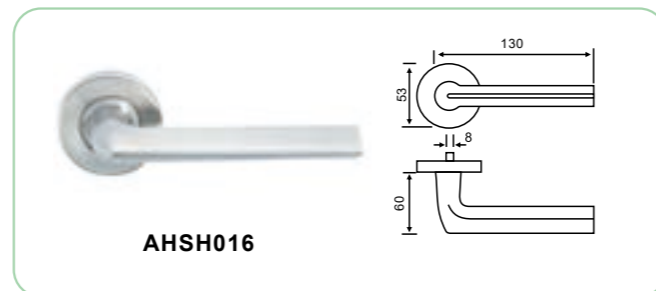
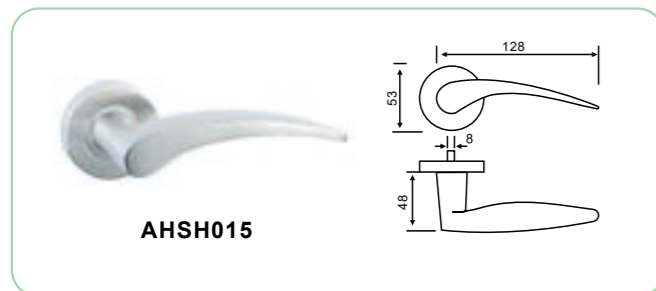
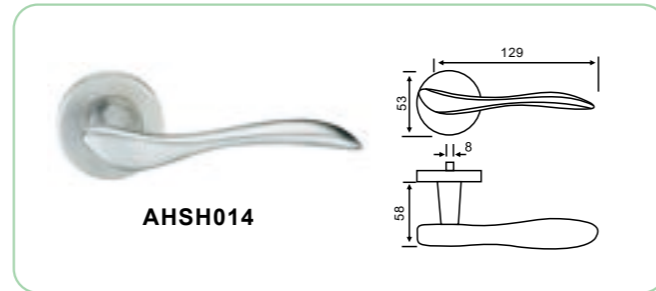
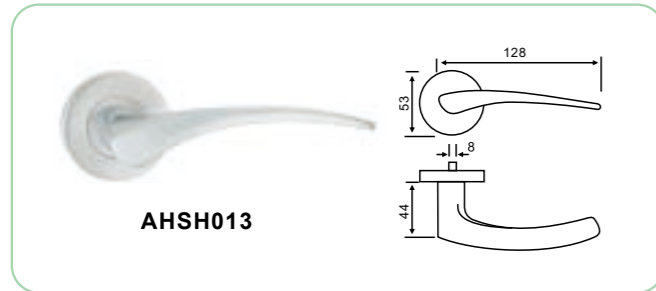
- | | |
|--|---|
| Doors <ul style="list-style-type: none"> • Wooden Doors • Steel Doors • Office Doors • Hollow Metal Doors • Aluminum Doors • Fire-Rated Doors | Projects <ul style="list-style-type: none"> • Stadium • Academic • Mixed-use • Hotels • Airports • Residential Buildings |
|--|---|



Features

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- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 304 / 316
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- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



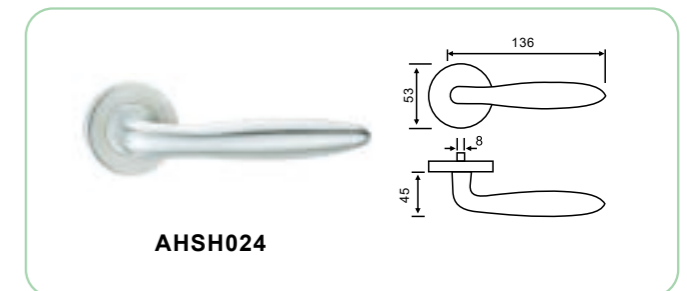
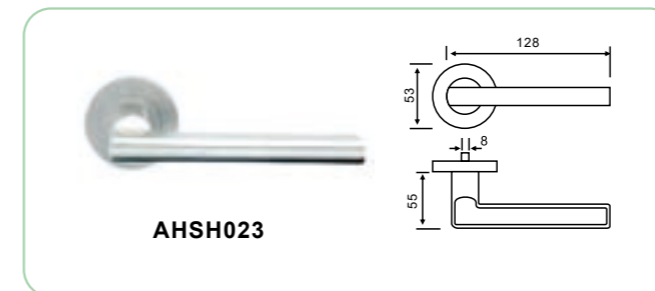
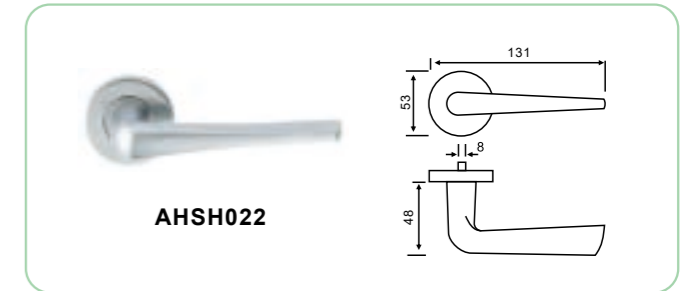
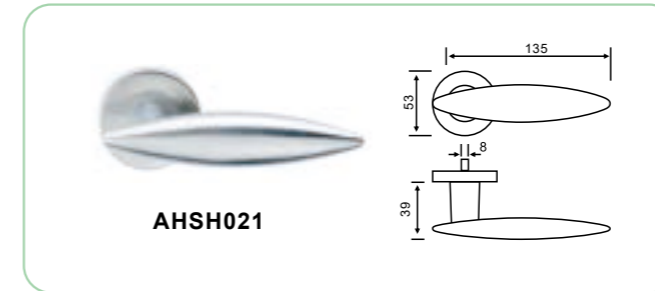
Optional ersion



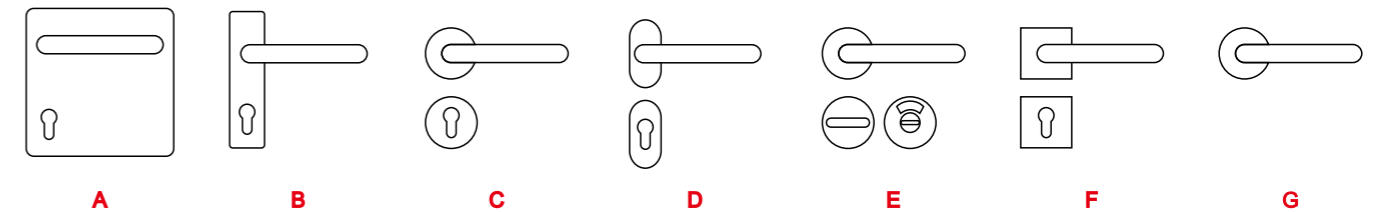
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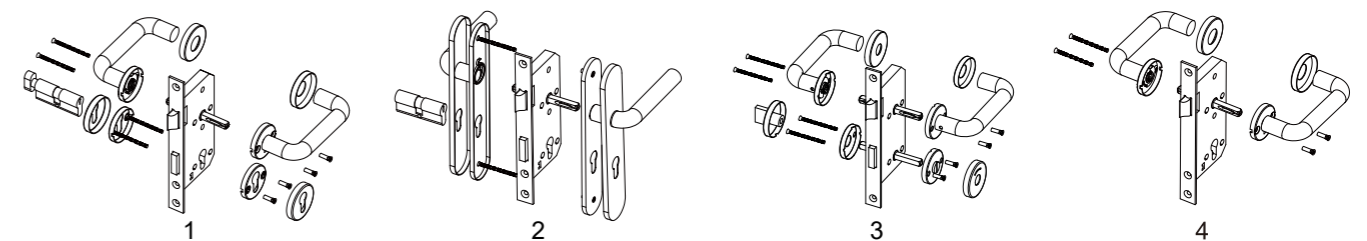
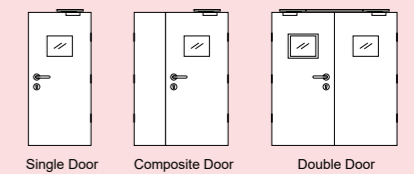


Optional ersion



Application

Doors		Projects	
• Wooden Doors	• Hollow Metal Doors	• Stadium	• Hotels
• Steel Doors	• Aluminum Doors	• Academic	• Airports
• Office Doors	• Fire-Rated Doors	• Mixed-use	• Residential Buildings



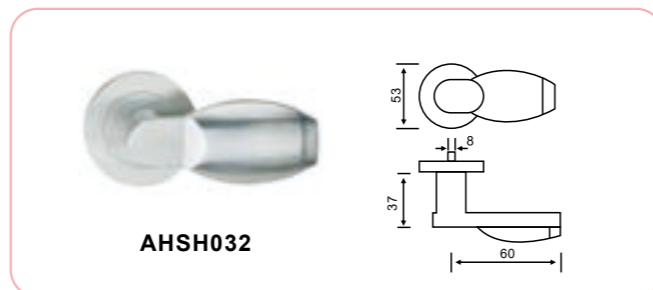
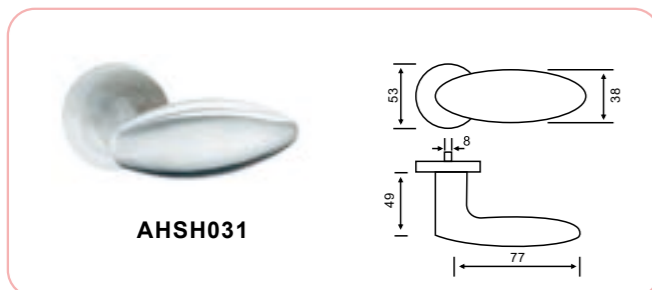
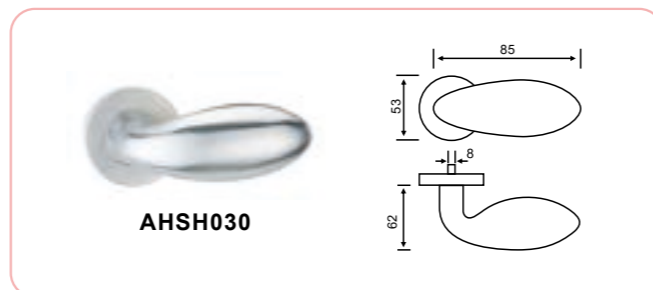
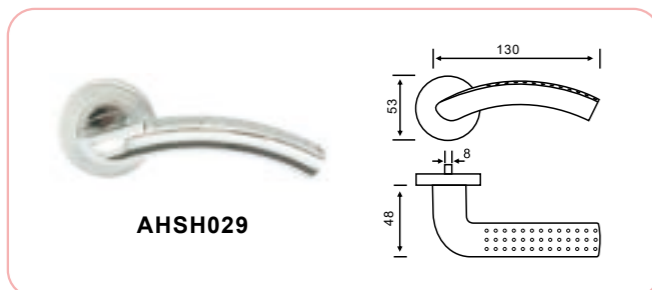
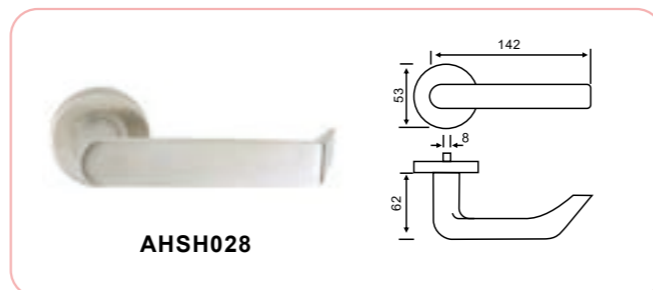
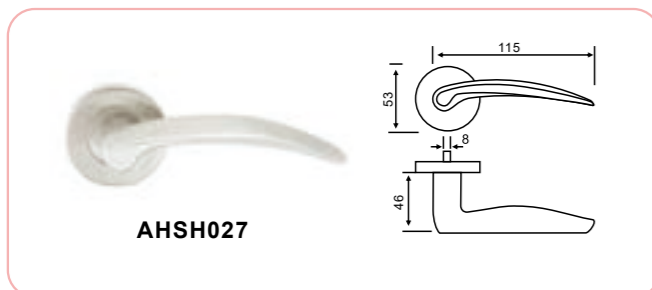
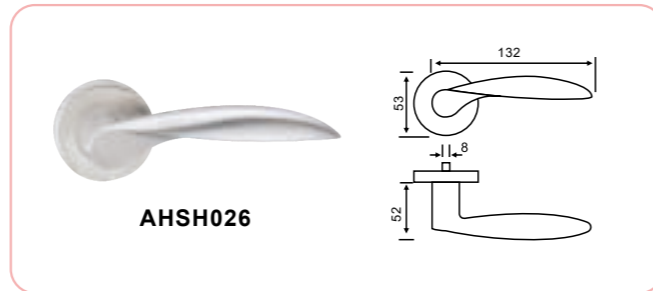
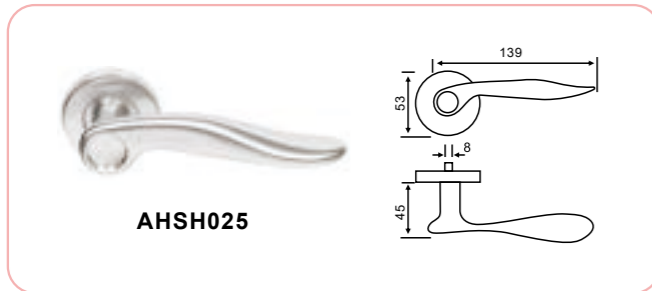
Solid Lever Handle



Features

- EN Compliance : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

- Material : Stainless Steel 304 / 316
- Rosette Type: Clip on / Thread Type
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



Optional version

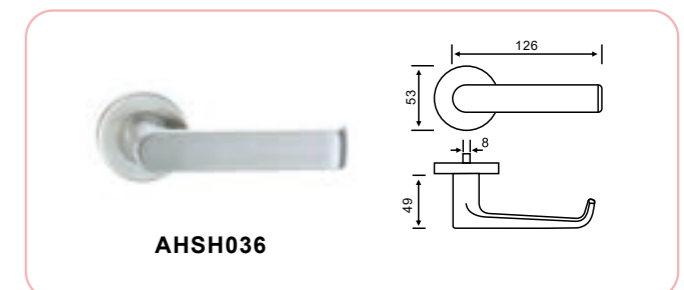
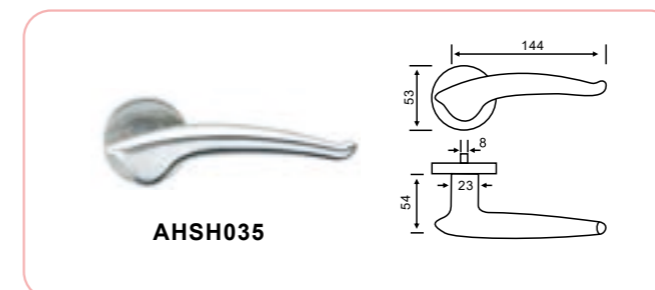
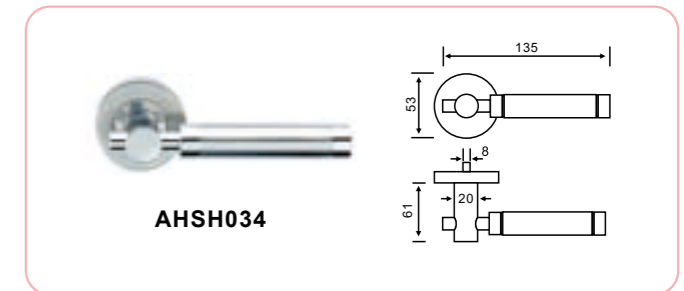
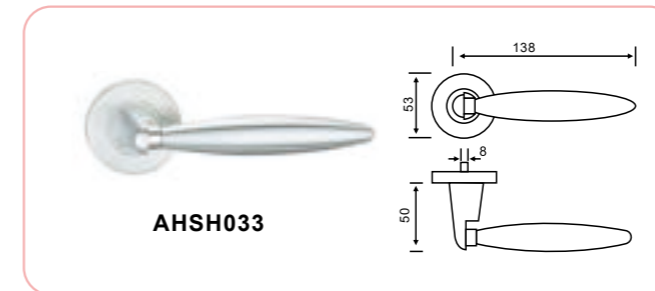


Solid Lever Handle

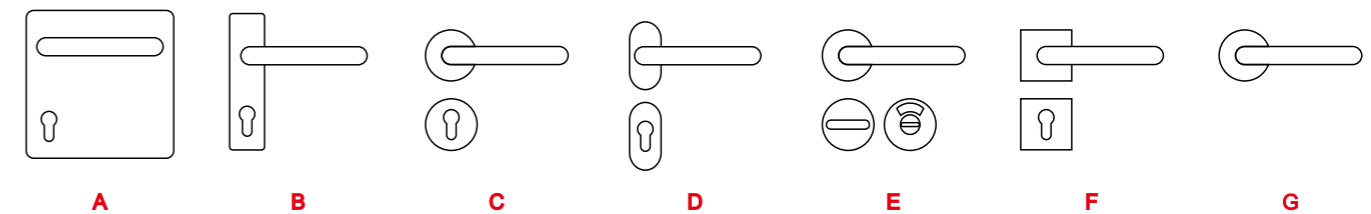
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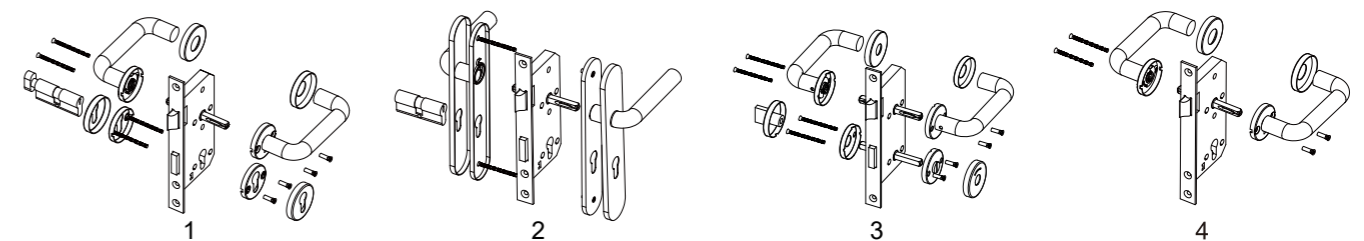
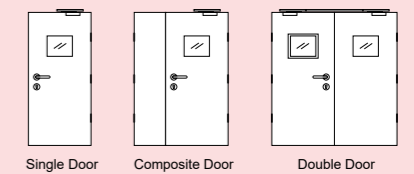


Optional version



Application

Doors		Projects	
• Wooden Doors	• Hollow Metal Doors	• Stadium	• Hotels
• Steel Doors	• Aluminum Doors	• Academic	• Airports
• Office Doors	• Fire-Rated Doors	• Mixed-use	• Residential Buildings



Solid Lever Handle



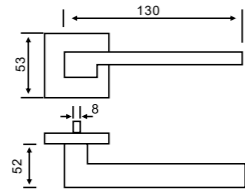
Features

- EN Compliance : EN1906, Grade 4
- Concealed fixings
- Spring assisted chassis
- Same lever design with multiple escutcheons and functions to suit different applications

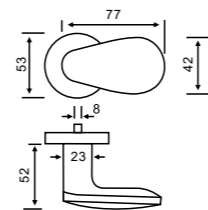
- Material : Stainless Steel 304 / 316
- Rosette Type: Clip on / Thread Type
- Spindle : 8x8 / 7x7 / 6x6mm
- Finish : SSS, PSS, PVD, AB, AC
- For 35-55 mm thickness doors



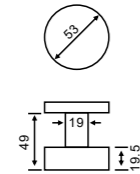
AHSH037



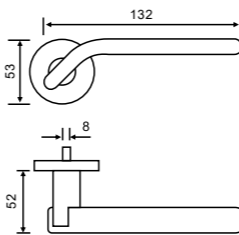
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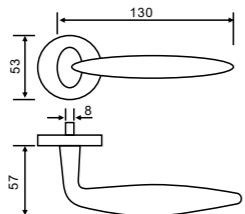
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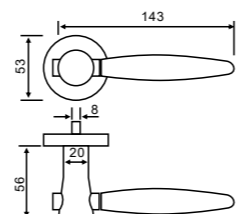
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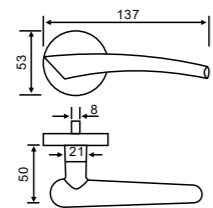
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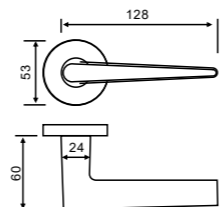
AHSH042



AHSH043



AHSH044



Optional ersion



AHES001



AHES004



AHES005



AHES006



AHES009



AHES010



Solid Lever Handle

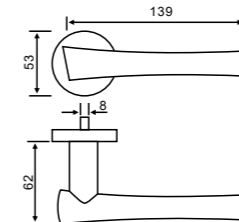
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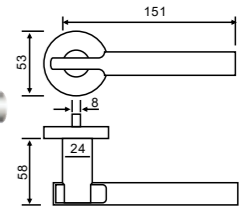
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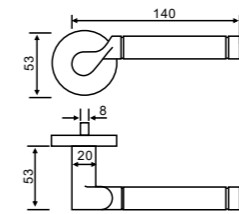
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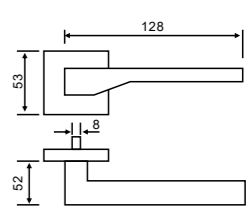
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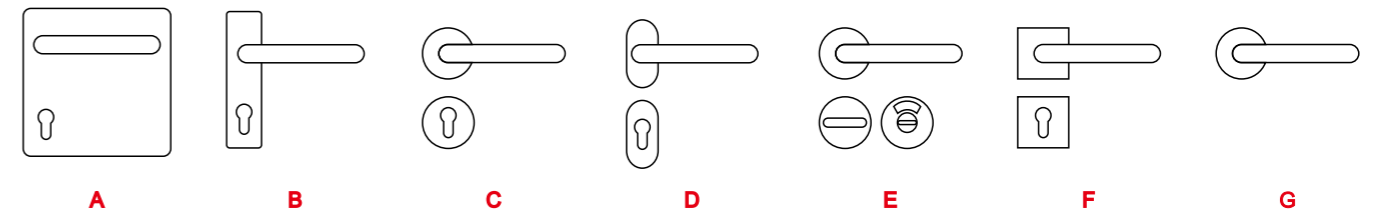
AHSH047



AHSH048



Optional ersion



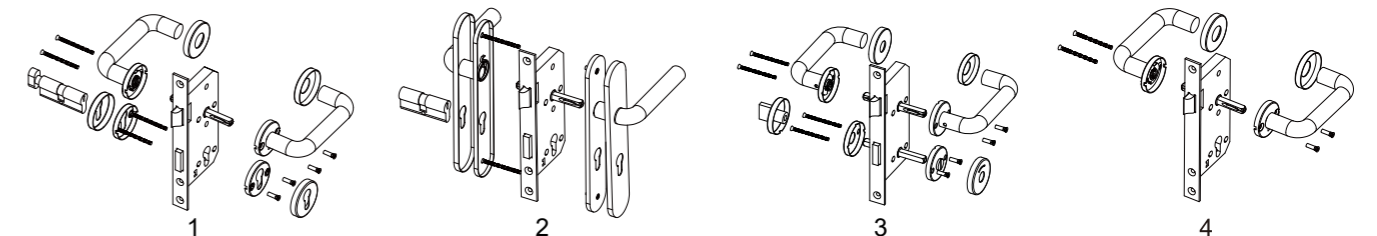
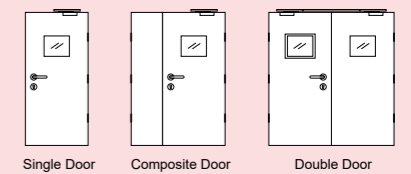
Application

Doors

- Wooden Doors
- Steel Doors
- Office Doors
- Hollow Metal Doors
- Aluminum Doors
- Fire-Rated Doors

Projects

- Stadium
- Academic
- Mixed-use
- Hotels
- Airports
- Residential Buildings





שפת הברז



Pull Handle

At ARGON HARDWARE, we believe that every door is a gateway and your opportunity to make the first impression.

Having been working on the stainless steel pull handles for many years, ARGON HARDWARE now presents you a complete range of pull handles.

By incorporating the superior material, outstanding finish and a variety of styles, you will easily find the balance of simplicity and flexibility in thin line.



Pull Handle

Pull handle is installed onto glass door or deluxe door, which is suitable for the buildings of commercial, business, office, industry or public works.

Installation

Two kinds of pull format existing:

1. SH back to back fixing (for glass door or wooden door).
2. SL bolt through fixing (for glass door or wooden door).

Daily Use and Maintenance

Direction for use:

Open the door by pushing or pulling the door pull handle, the door will be open easily, but please do not open the door too violently.

Maintenance:

Cleaning:

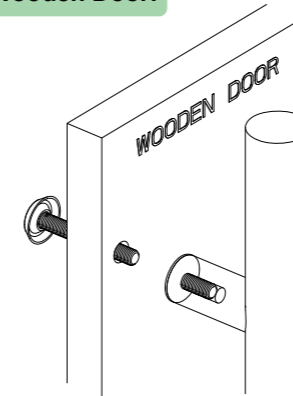
Clean the handle with dry cloth or with neutral cleanser, instead of any corrosive liquid.

Checking:

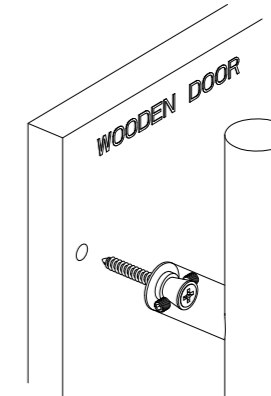
Timely check the fastened screws, in case of loose screws, please tighten them immediately.

Installation Instructions

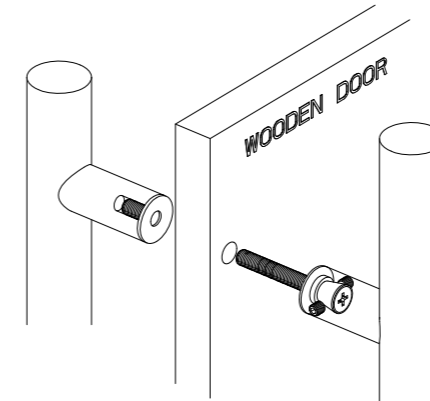
For Wooden Door:



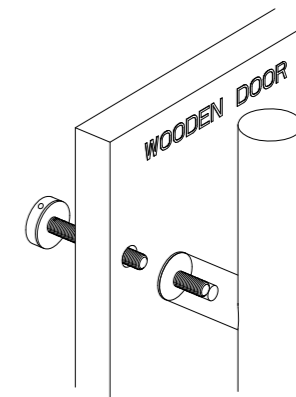
A: Single fixing on wooden doors
Bolt-through fixing



B: Single fixing on wooden doors
Concealed fixing With Rampa Sleeve

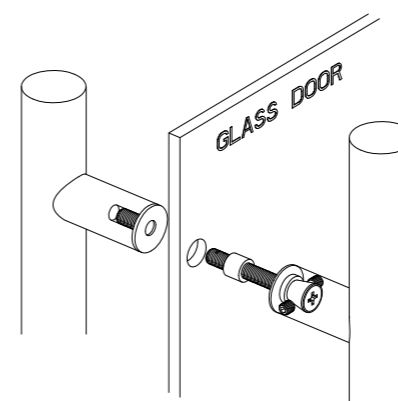


C: Back to back fixing on wooden doors
Door thickness 35-55mm

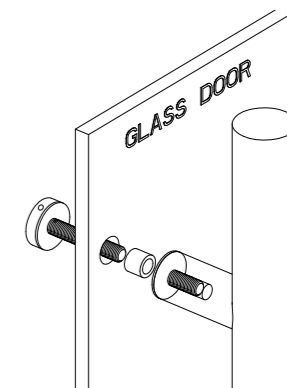


D: Single fixing on wooden doors with cover caps
Bolt-through fixing, for door thickness 35-55mm

For Glass Door:



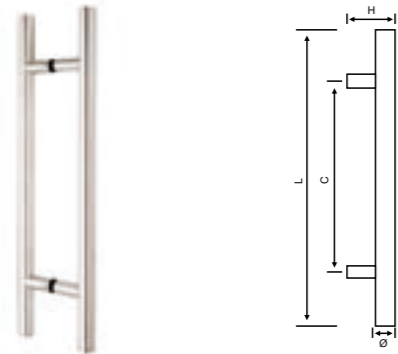
E: Back to back fixing on glass doors
Door thickness 8-12mm



F: Single fixing on glass doors with cover caps
Bolt-through fixing, for door thickness 8-12mm

Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors



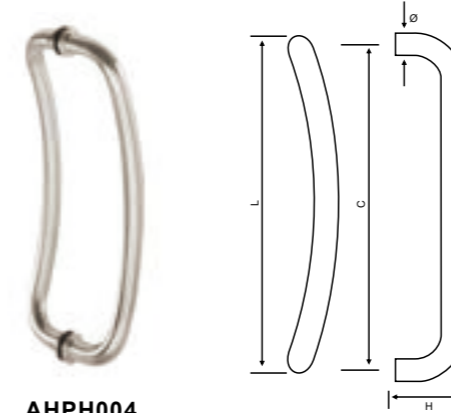
AHPH001

T Bar Pull Handle

Art. No.	Dia Φ	C T C	Length	Height
AHPH001-A	22	200	300	65
AHPH001-B	25	300	450	80
AHPH001-C	25	450	600	80
AHPH001-D	25	600	800	80
AHPH001-E	30	450	600	80
AHPH001-F	30	600	800	80
AHPH001-G	32	600	800	80
AHPH001-H	32	700	1000	80
AHPH001-I	38	1200	1500	85

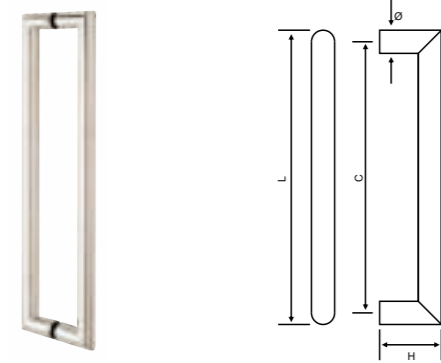
Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors



AHPH004

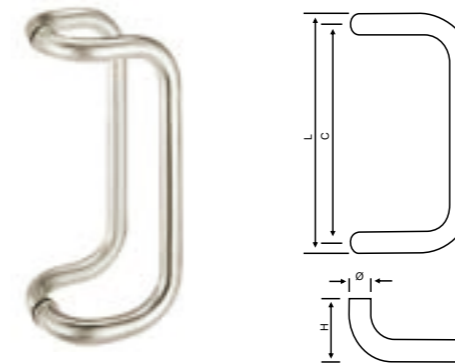
Art. No.	Dia Φ	C T C	Length	Height
AHPH004-A	25	400	425	80
AHPH004-B	32	600	632	80



AHPH002

Mitred Pull Handle

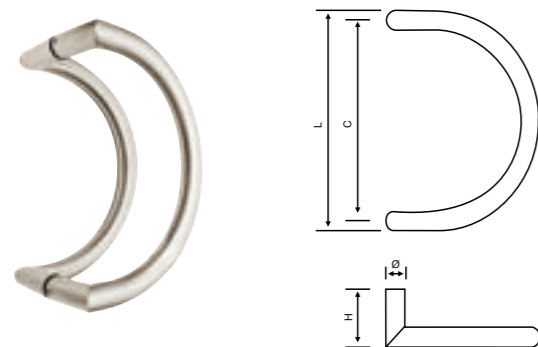
Art. No.	Dia Φ	C T C	Length	Height
AHPH002-A	22	200	222	65
AHPH002-B	22	250	272	65
AHPH002-C	25	300	325	80
AHPH002-D	25	450	475	80
AHPH002-E	25	600	625	80
AHPH002-F	30	600	630	80
AHPH002-G	30	800	830	80
AHPH002-H	32	1000	1032	80



AHPH005

Cranked Pull Handle

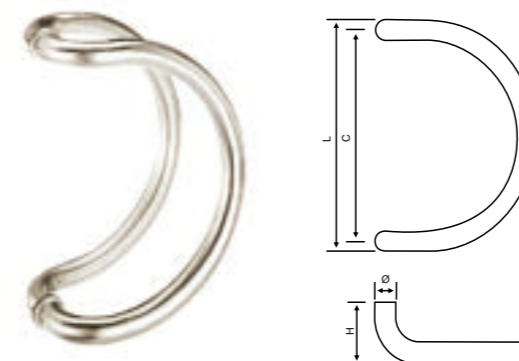
Art. No.	Dia Φ	C T C	Length	Height
AHPH005-A	25	300	325	80
AHPH005-B	25	400	425	80
AHPH005-C	25	450	475	80
AHPH005-D	25	600	625	80
AHPH005-E	32	300	332	80
AHPH005-F	32	400	432	80
AHPH005-G	32	450	482	80
AHPH005-H	32	600	632	80



AHPH003

C Shaped Pull Handle

Art. No.	Dia Φ	C T C	Length	Height
AHPH003-A	25	200	225	80
AHPH003-B	25	300	325	80
AHPH003-C	32	300	332	80

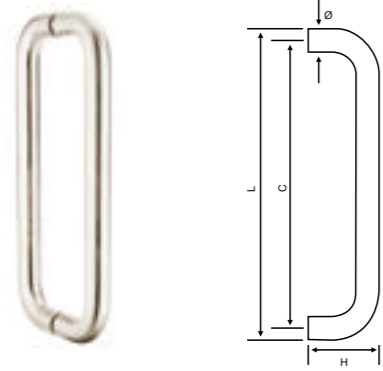


AHPH006

Art. No.	Dia Φ	C T C	Length	Height
AHPH006-A	25	200	225	80
AHPH006-B	25	300	325	80
AHPH006-C	32	300	332	80
AHPH006-D	32	350	382	80

Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors



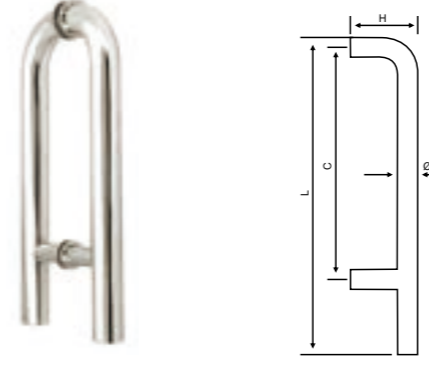
AHPH007

D Pull Handle

Art. No.	Dia Φ	CTC	Length	Height
AHPH007-A	19	150	169	60
AHPH007-B	19	200	219	60
AHPH007-C	19	300	319	60
AHPH007-D	22	300	322	65
AHPH007-E	25	300	325	80
AHPH007-F	25	600	625	80
AHPH007-G	32	450	482	80
AHPH007-H	32	600	632	80
AHPH007-I	32	800	832	80

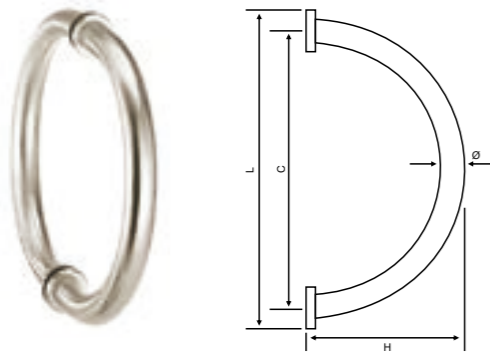
Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors



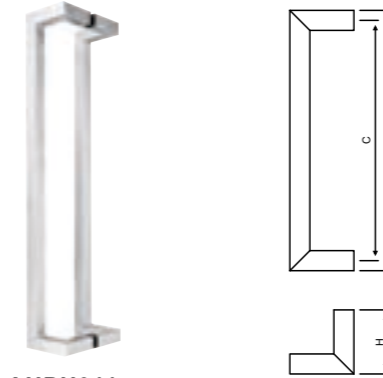
AHPH010

Art. No.	Dia Φ	CTC	Length	Height
AHPH010-A	25	450	550	80
AHPH010-B	25	600	700	80
AHPH010-C	32	600	700	80



AHPH008

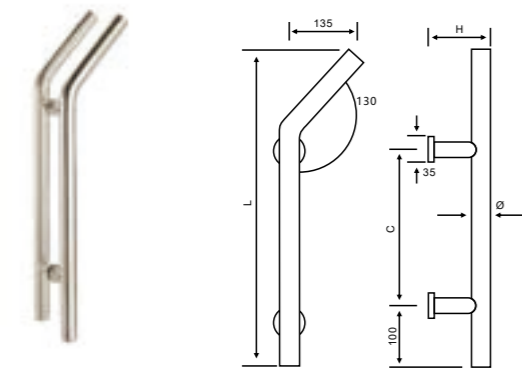
Art. No.	Dia Φ	CTC	Length	Height
AHPH008-A	25	200	225	100
AHPH008-B	25	300	325	150
AHPH008-C	32	300	332	150



AHPH011

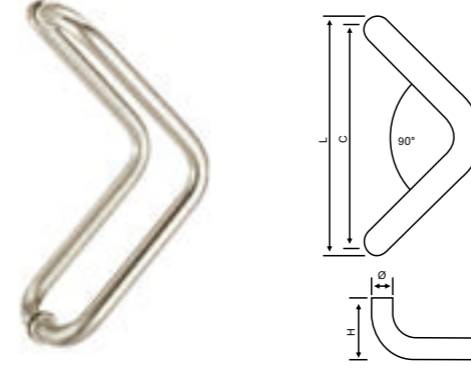
Elegante Pull Handle

Art. No.	□	CTC	Length	Height
AHPH011-A	25x25	300	325	80
AHPH011-B	25x25	450	475	80
AHPH011-C	25x25	600	625	80
AHPH011-D	40x20	600	640	80
AHPH011-E	40x20	800	840	80



AHPH009

Art. No.	Dia Φ	CTC	Length	Height
AHPH009-A	25	450	800	80
AHPH009-B	25	600	950	80
AHPH009-C	32	600	950	80
AHPH009-D	32	800	1100	80



AHPH012

Art. No.	Dia Φ	CTC	Length	Height
AHPH012-A	25	300	325	80
AHPH012-B	32	300	332	80

Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors

Allure Pull Handle

Art. No.	□	CTC	Length	Height
AHPH015-A	20x20	200	220	65
AHPH015-B	20x20	250	270	65
AHPH015-C	20x20	300	320	65
AHPH015-D	20x20	400	420	65
AHPH015-E	25x25	300	325	75
AHPH015-F	25x25	450	475	75
AHPH015-G	25x25	600	625	75
AHPH015-H	30x30	300	330	80
AHPH015-I	30x30	400	430	80
AHPH015-J	30x30	500	530	80
AHPH015-K	30x30	600	630	80
AHPH015-L	30x30	800	830	80

AHPH015

Square T Shape Pull Handle

Art. No.	□	C T C	Length	Height
AHPH016-A	25x25	200	300	75
AHPH016-B	25x25	300	450	75
AHPH016-C	25x25	450	600	75
AHPH016-D	25x25	600	800	75
AHPH016-E	30x30	300	450	80
AHPH016-F	30x30	450	600	80
AHPH016-G	30x30	600	800	80
AHPH016-H	30x30	800	1000	80
AHPH016-I	30x30	1000	1200	80

AHPH016

Bathroom Pull Handle

Art. No.	Dia Φ	C T C	Length	Height
AHPH018-A	22	400 150	422 172	65
AHPH018-B	25	400 200	425 225	80
AHPH018-C	25	450 200	475 225	80

AHPH018

Features

- Material: Stainless steel 201/ 304 / 316
- Back to back fixing, Bolt through fixing
- Packed /supplied with fasteners and screws
- Thickness: 1.0mm, 1.2mm, 1.5mm
- Finish : SSS, PSS, PVD, AB, AC
- For Glass Door, Timber doors, Metal Doors

AHPH019

Art. No.	Dia Φ	C T C	Length	Height
AHPH019-C	19	150	169	60
AHPH019-D	19	225	244	60
AHPH019-E	19	250	269	60
AHPH019-F	22	250	272	60
AHPH019-G	22	300	322	60
AHPH019-H	22	400	422	60
AHPH019-I	25	450	475	80
AHPH019-J	25	600	625	80
AHPH019-K	30	600	630	80
AHPH019-L	30	800	830	80
AHPH019-M	32	600	632	80

AHPH020

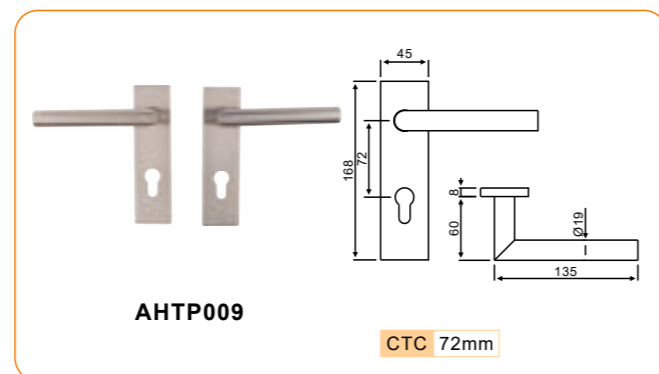
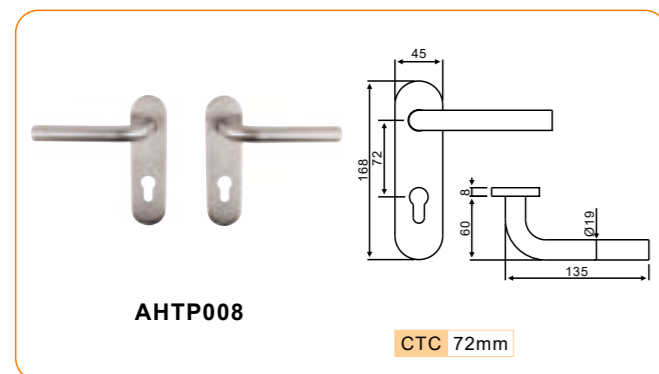
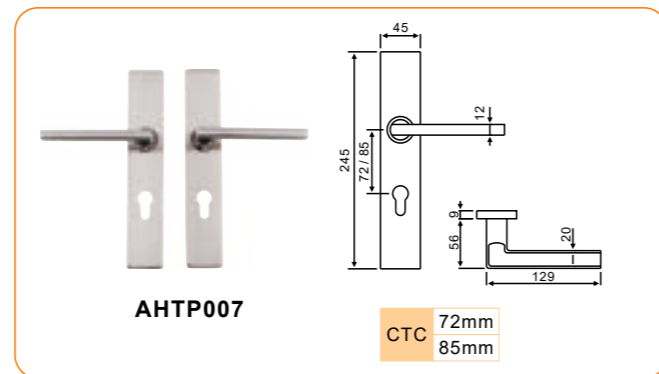
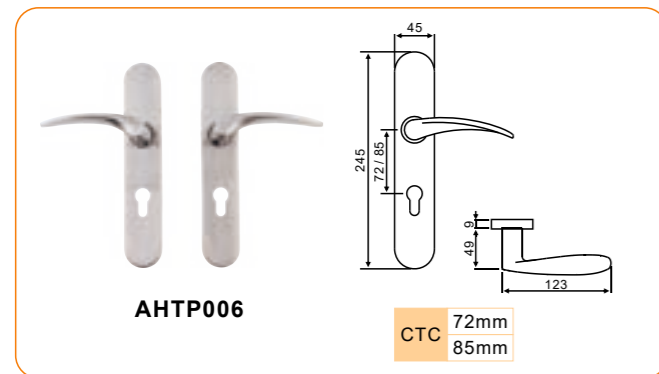
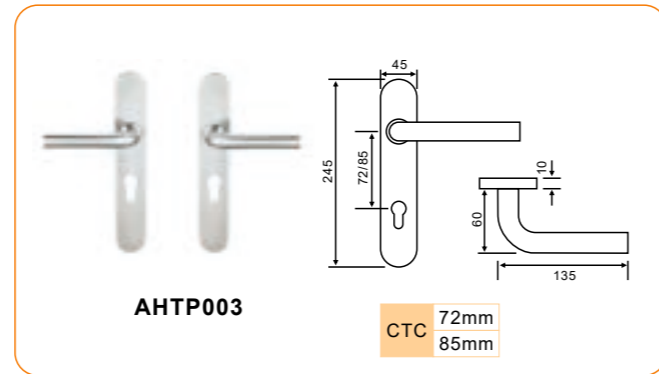
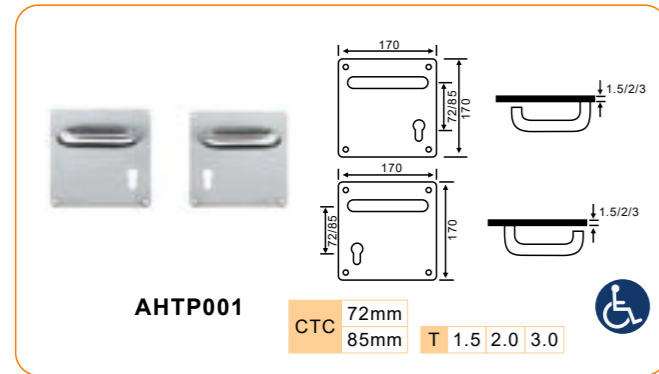
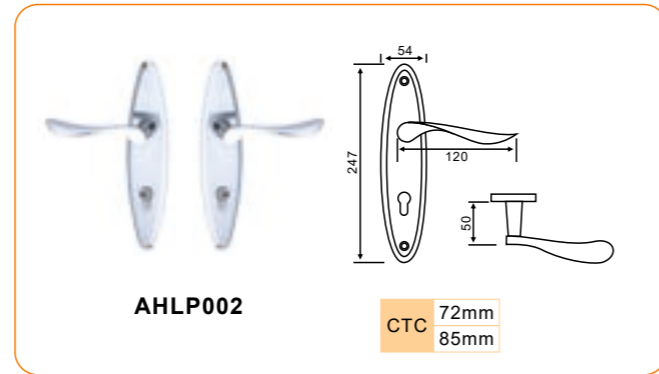
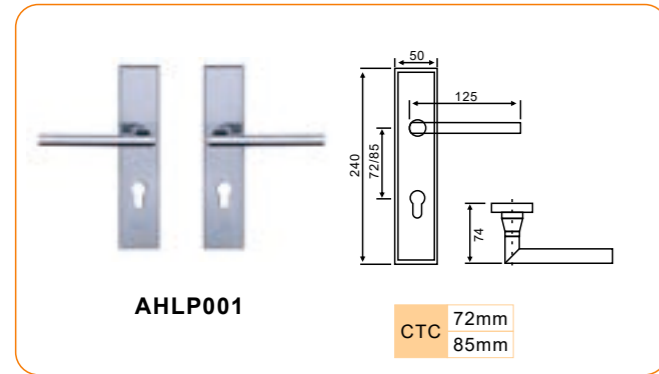
Art. No.	Dia Φ	C T C	Length	Height
AHPH020-A	19	150	169	60
AHPH020-B	19	225	244	60
AHPH020-C	19	250	269	60
AHPH020-D	22	250	272	60
AHPH020-E	22	300	322	60
AHPH020-F	22	400	422	60
AHPH020-G	25	450	475	80
AHPH020-H	25	600	625	80
AHPH020-I	30	600	630	80
AHPH020-J	30	800	830	80
AHPH020-K	32	600	632	80

AHPH021

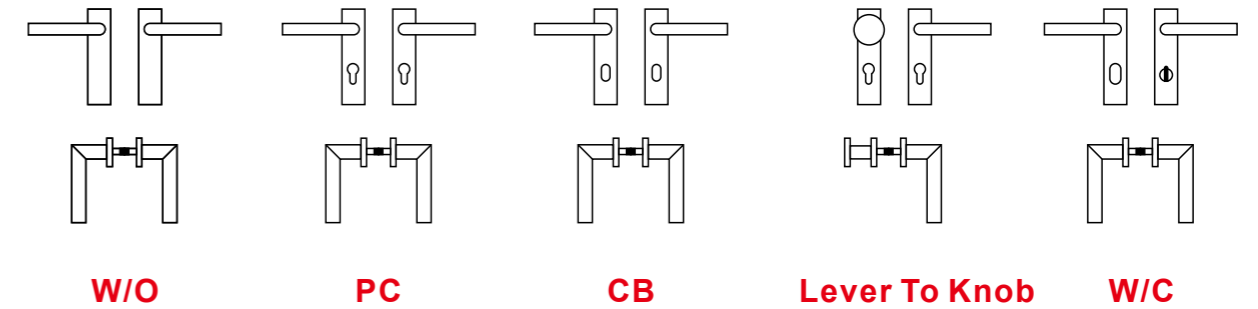
Art. No.	Dia Φ	C T C	Length	Height
AHPH021-C	25	250	400	80
AHPH021-D	25	300	450	80
AHPH021-E	25	450	600	80
AHPH021-F	32	300	450	80
AHPH021-G	32	450	600	80
AHPH021-H	32	600	800	80
AHPH021-I	32	800	1000	80

Features

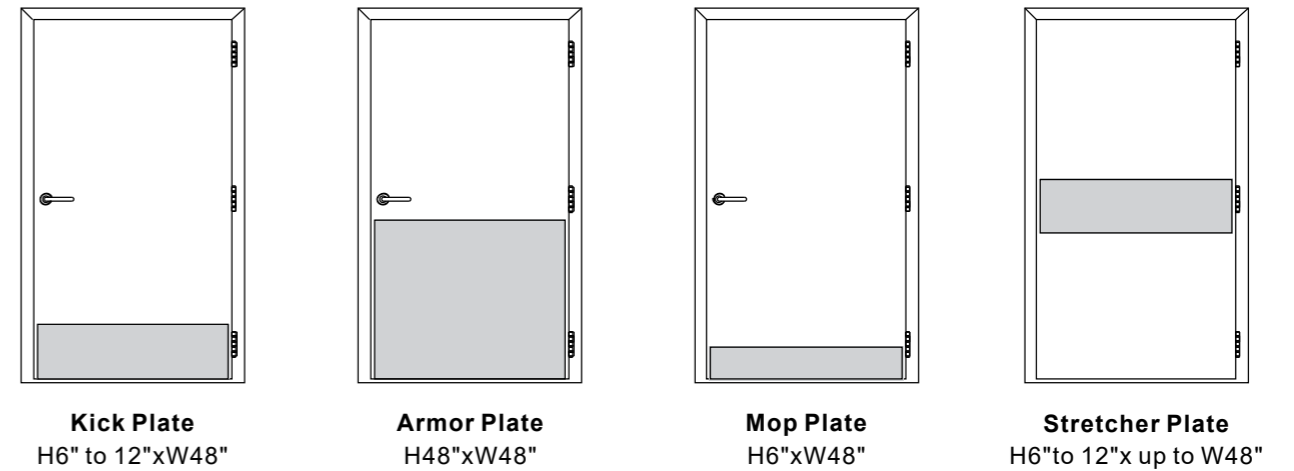
- Material: Stainless steel 304 / 316
- For 35mm-55mm thickness doors
- Applicable: Wooden doors, Metal doors
- Finish: SSS, PSS, PVD, AB, AC
- Spring assisted chassis
- Same plate design with multiple Lever and functions to suit different applications



Features Options:



Door Plate AHKP002



Width of Plates

Push Side: 2" less than door width; Pull Side: 1.5" less than door width

Radius corners drilled- supplied complete with screws

Plate thickness 1.0mm, 1.2mm, 1.5mm.

Material: Stainless Steel 304,

Finishes: SSS, PSS

Art. No.	Height	Width
AHKP002-A	6"	30"
AHKP002-B	6"	46"
AHKP002-C	8"	34"
AHKP002-D	8"	40"
AHKP002-E	10"	40"
AHKP002-F	10"	46"
AHKP002-G	12"	46"
AHKP002-H	46"	46"



DOOR ACCESSORIES



Features

- Material: Stainless steel 304 / 316
- Thickness: 1.5mm, 2.0mm
- Finish: SSS, PSS, PVD
- Application: Wooden Doors, Metal Doors, Aluminum Doors



AHSP001
Male



AHSP002
Female



AHSP003
Unise Public Washroom
(Square type)
Size: 130x170x1.5mm



AHSP004
Push Plate
(Square type)
Size: 100x300x1.5mm
100x300x2.0mm
75 x 300x1.5mm
75 x 300x2.0mm



AHSP005
Push Plate (Square type)

- All plates are drilled and countersunk as standard with radius corners
- Engraved to order
- Size: 100x300x1.5mm
100x300x2.0mm
75 x 300x1.5mm
75 x 300x2.0mm



AHSP006
Push Plate
(Round type)
Size: 100x300x1.5mm
100x300x2.0mm
75 x 300x1.5mm
75 x 300x2.0mm



AHSP007
Fire Door Indication
(Round type sign plate)
Size: Ø76x1.5mm



AHSP008
No Smoking
(Round type)
Size: Ø76x1.5mm



AHSP009
Pull Plate
(Round type)
Size: Ø76x1.5mm



AHSP010
Fire Door Signature
(Square type)
Size: 130x170x1.5mm



AHPH021
Pull Handle With Plate
Size: 170x170x1.5mm
170x170x2.0mm
170x170x3.0mm



AHPH022
Pull Handle With Plate
Size: 100x300x1.5mm
100x400x1.5mm



AHPH023
Pull Handle With Plate
Size: 100x300x1.5mm
100x300x2.0mm
Handle: Ø22 x C to C 203mm



AHPH024
Pull Handle With Plate
Size: 100x400x1.5mm
100x400x2.0mm
Handle: Ø25 x C to C 250mm

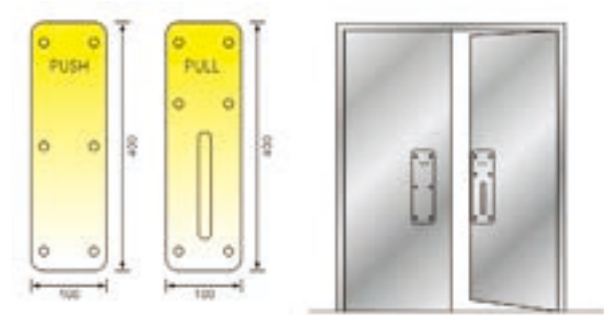


AHPH025
Pull Handle With Plate
Size: 100x400x1.5mm
100x400x2.0mm
Handle: Ø25 x C to C 200mm



AHKP001
Kick Plate

Specifications: 8"x34" / 8"x35"
10"x34" / 10"x35"
Thickness: 0.8 / 0.9 / 1.0 / 1.2 / 1.5mm



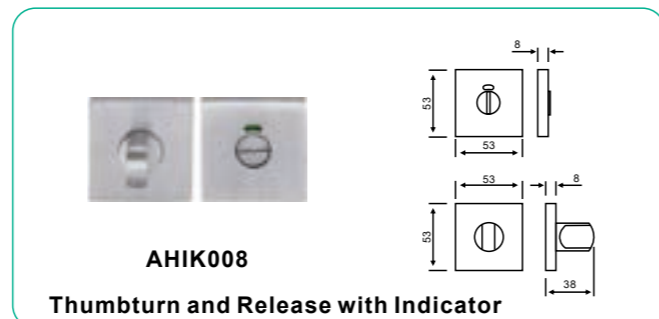
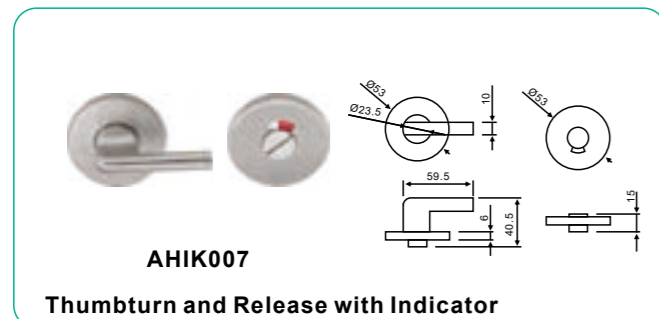
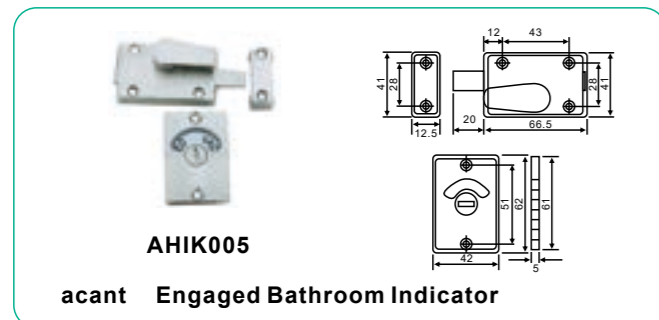
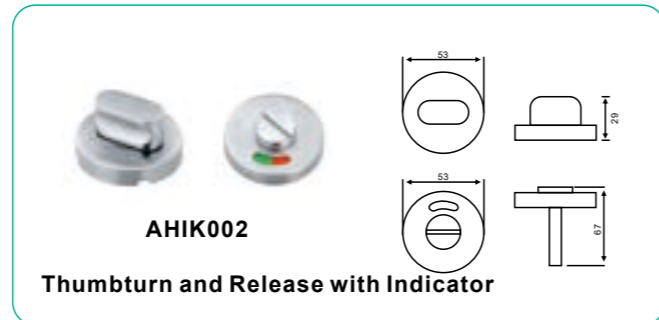
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AHSP013 NUMBER, LETTER

Features

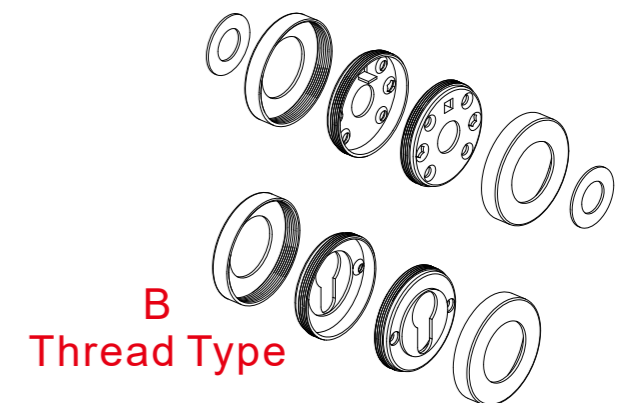
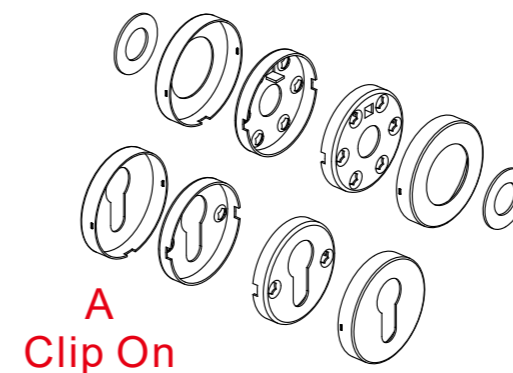
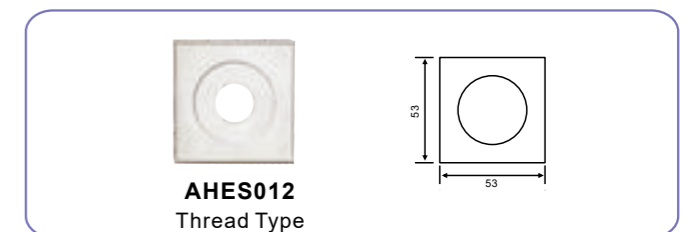
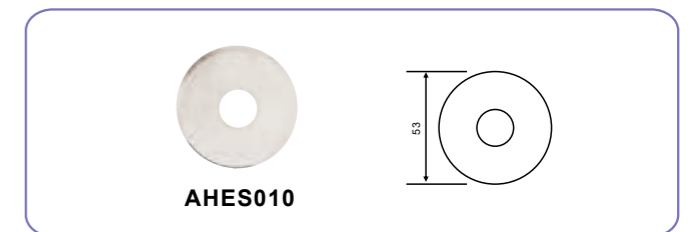
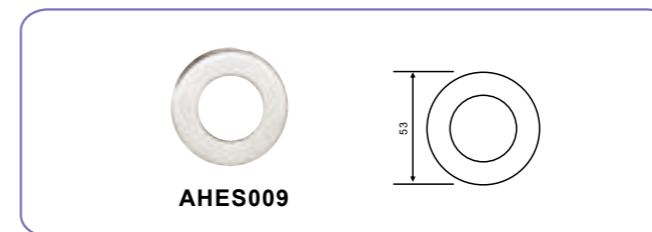
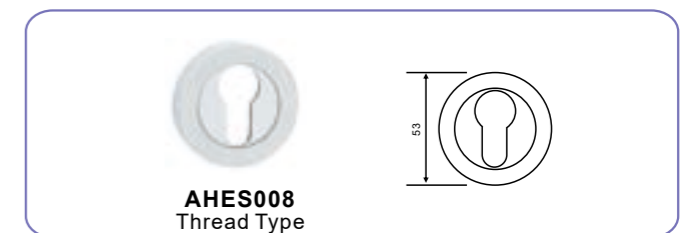
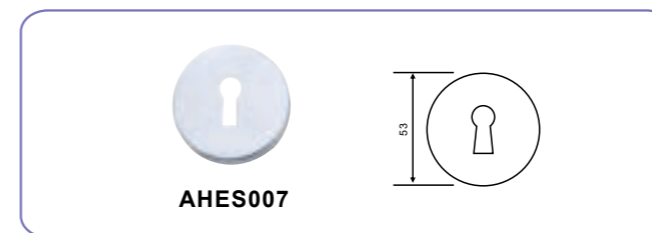
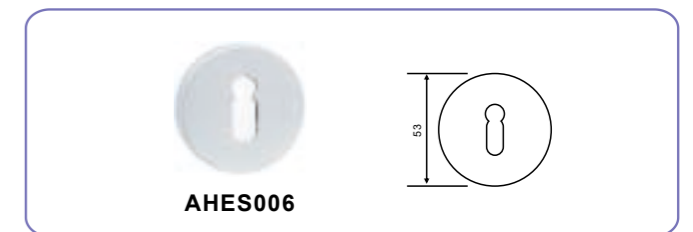
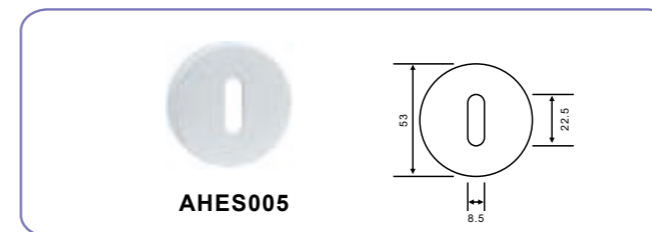
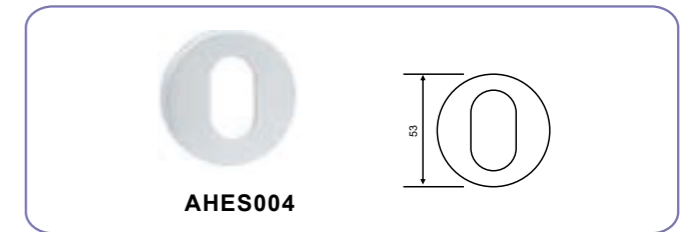
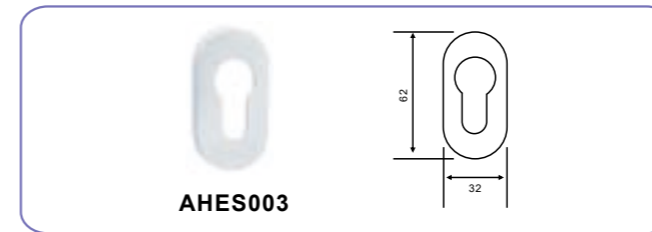
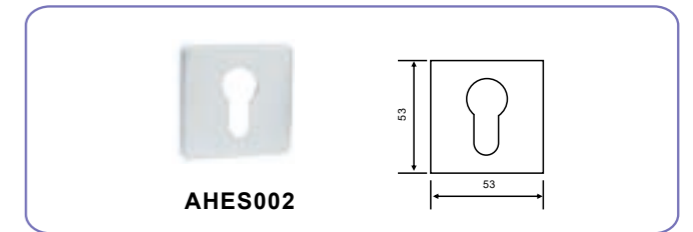
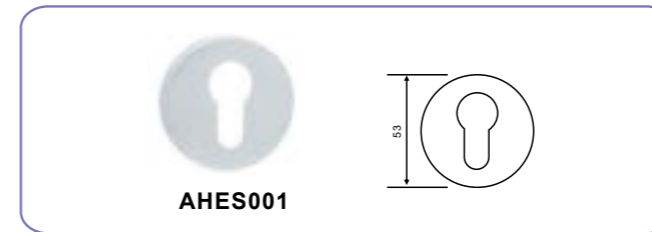
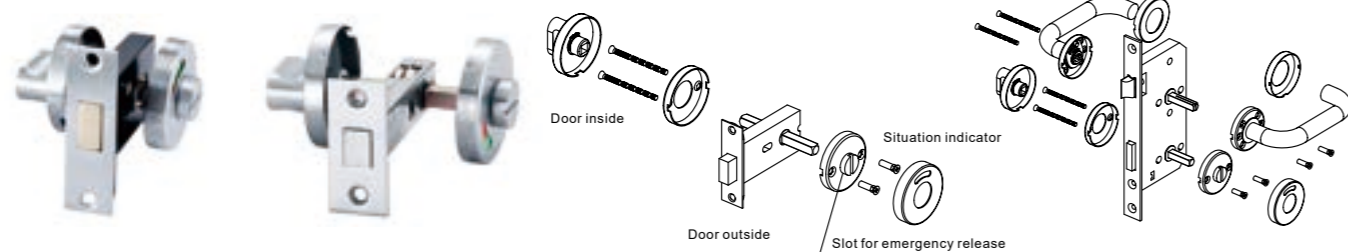
- Material: Stainless steel 304/316
- Applicable: Wooden doors, Metal doors, Bathroom doors

- Door thickness: 35mm-55mm
- Spindle: 6x6, 8x8 mm



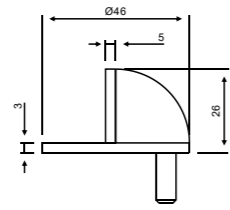
Optional version

Indicator shown:
Red door is close and it's occupied
Green door is open and it's available





AHDS001

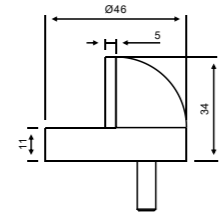


Stainless Steel Hemisphere Door Stopper

- Floor mounted type
- Size: 44x25mm, 46x26mm
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS002

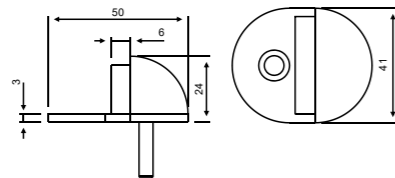


Stainless Steel / inc Alloy Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS003

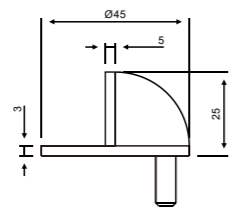


inc Alloy Hemisphere Door Stopper

- Floor mounted type
- Finish: BP, CP, NP, GP, AB, AC



AHDS004

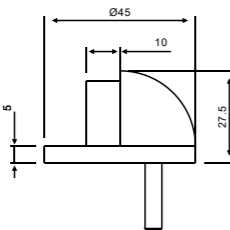


inc Alloy Hemisphere Door Stopper

- Floor mounted type
- Finish: BP, CP, NP, GP, AB, AC



AHDS005

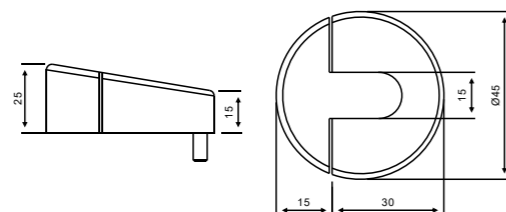


Brass Hemisphere Door Stopper

- Floor mounted type
- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC



AHDS006

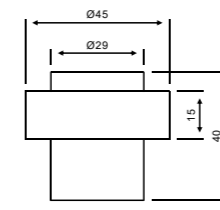


Stainless Steel / inc Alloy Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS007

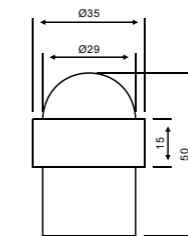


Stainless Steel Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS008

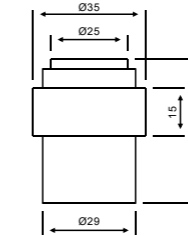


Stainless Steel Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS009

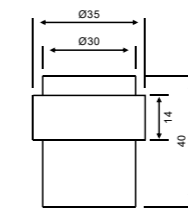


Stainless Steel / inc Alloy Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS010

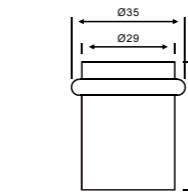


Stainless Steel Door Stopper

- Floor mounted type
- Screw and plug included
- Finish: SSS, PSS, BP, GP, AB, AC

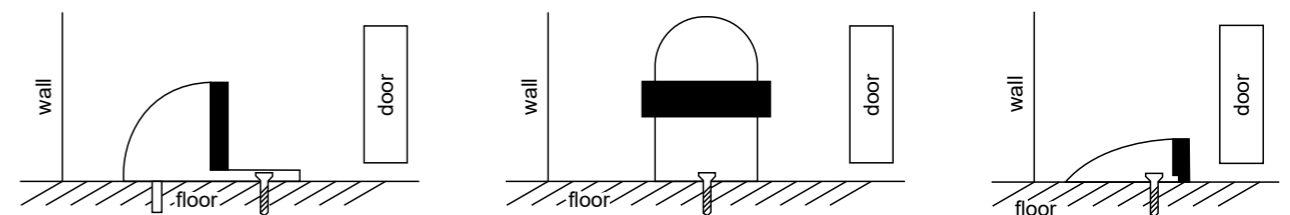


AHDS011



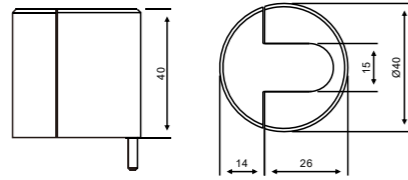
Stainless Steel Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC





AHDS012

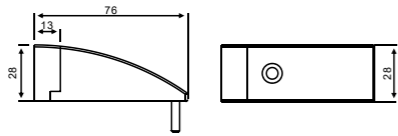


Stainless Steel / inc Alloy Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS013

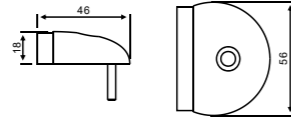


Stainless Steel / inc Alloy Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS014

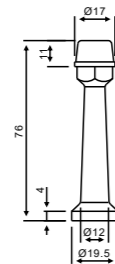


Stainless Steel Door Stopper

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS015-B

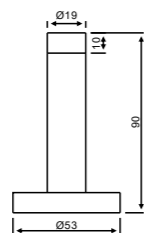


Stainless Steel / inc Alloy Door Stopper

- Wall Mounted Type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS016

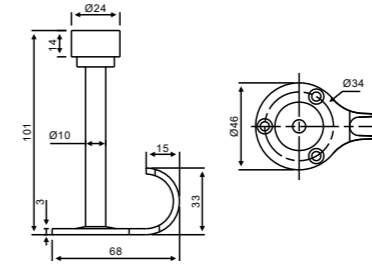


Stainless Steel Door Stopper

- For Bathroom / public Toilet
- Wall mounted type
- Screws included
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS017

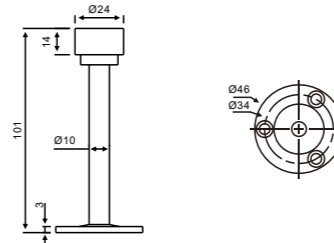


Stainless Steel Door Stopper

- Wall mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS018

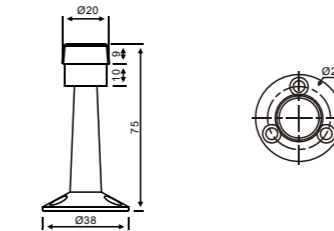


Stainless Steel Door Stopper

- Wall mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS019

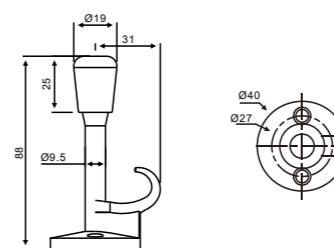


Stainless Steel / inc Alloy Door Stopper

- Wall mounted type
- Finish: SSS, PSS, BP, GP, AB, AC

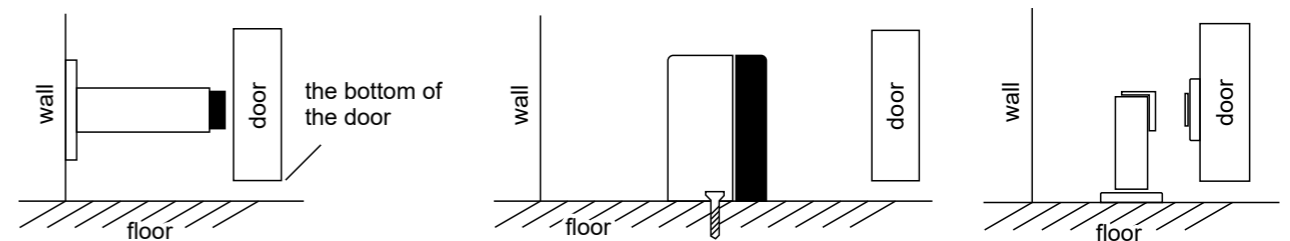


AHDS020



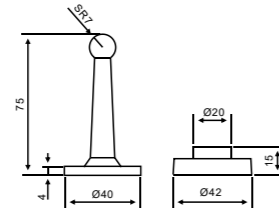
inc Alloy Door Stopper

- Wall mounted type
- Finish: SN, CP, BP, GP, AB, AC





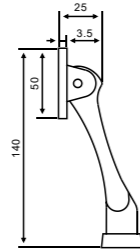
AHDS021



- inc Alloy Door Stopper**
- Wall mounted type
 - Finish: SN, CP, BP, GP, AB, AC



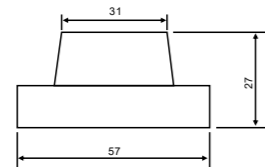
AHDS022



- inc Alloy Door Holder**
- Mounted on door
 - Finish: SN, CP, BP, GP, AB, AC



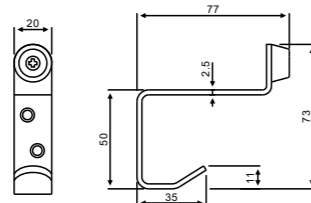
AHDS023



- Stainless Steel Concave Stopper**
- Wall mounted type
 - Finish: SSS, PSS, BP, GP, AB, AC



AHDS024



- Stainless Steel Door Stopper**
- For Bathroom / public Toilet
 - Wall mounted type, also can be used as coat hook
 - Screws included
 - Finish: SSS, PSS, BP, GP, AB, AC

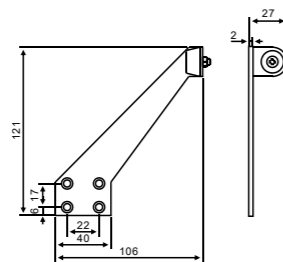


AHDS039

- Stainless Steel Door Stopper**
- Concealed Overhead Door Stop
 - Screws included
 - Finish: SSS, PSS, BP, GP, AB, AC



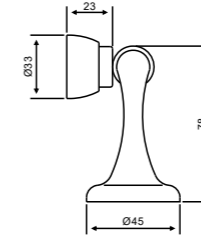
AHDS026



- Stainless Steel Door Stopper**
- Wall mounted type
 - Finish: SSS, PSS, AB, AC, GP



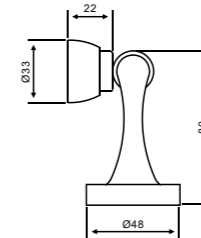
AHDS027



- Stainless Steel / inc Alloy Door Stopper, Magnetic**
- Finish: SSS, PSS, BP, CP, NP, GP, AB, AC



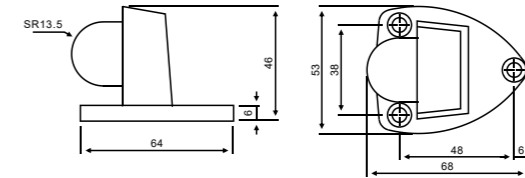
AHDS028



- Stainless Steel / inc Alloy Door Stopper, Magnetic**
- Finish: SSS, PSS, BP, CP, NP, GP, AB, AC



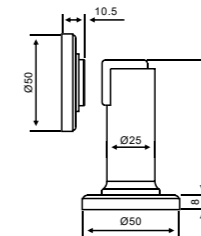
AHDS029-B



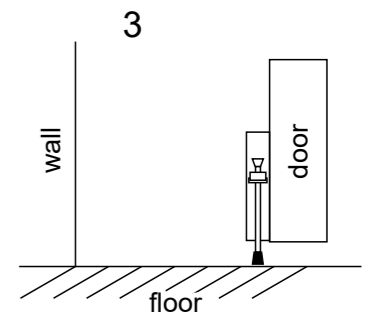
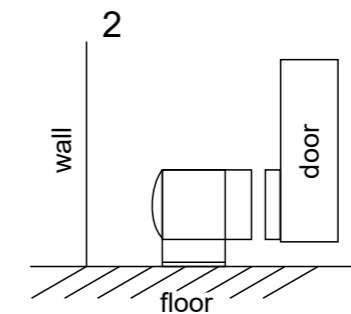
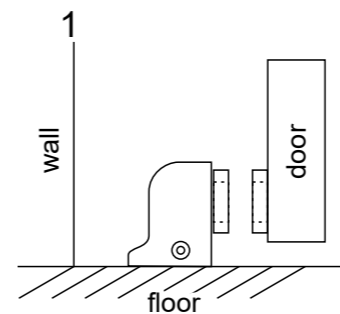
- Stainless Steel / inc Alloy Door Stopper**
- Floor Mounted Type
 - Finish: SSS, PSS, BP, GP, AB, AC



AHDS030

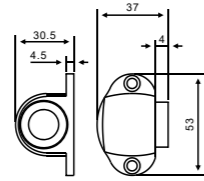


- Stainless Steel / inc Alloy Door Stopper, Magnetic**
- Finish: SSS, PSS, AB, AC, GP





AHDS031

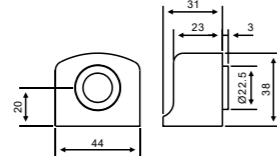


Stainless Steel / inc Alloy Door Stopper, Magnetic

- Floor mounted type
- Finish: SSS, PSS, BP, GP, AB, AC



AHDS032

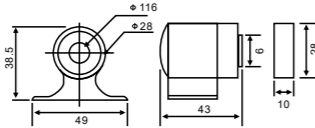


inc Alloy Door Stopper, Magnetic Floor Mounted Type

- Finish: BP, CP, NP, GP, AB, AC



AHDS033

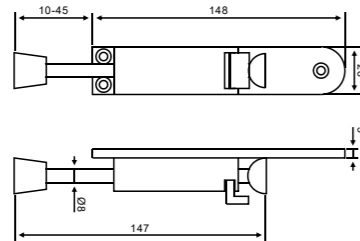


inc Alloy Door Stopper, Magnetic

- Finish: P&L, S&L, CP, NP, SNP, AB, AC



AHDS034

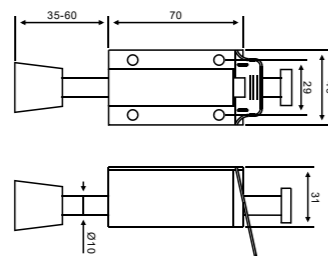


Foot Operated Door Holder Door Mounted Type

- Material: Stainless Steel / Zinc Alloy
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDS035

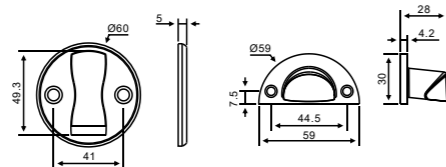


Foot Operated Door Holder Door Mounted Type

- Material: Stainless Steel
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDS036

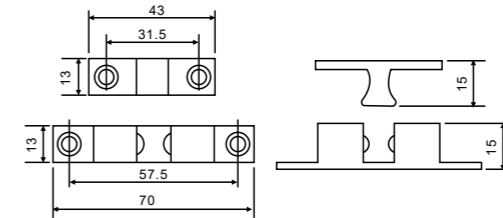


Stainless Steel / inc Alloy Door Stopper, Magnetic

- Finish: P&L, S&L, CP, NP, SNP, AB, AC



AHBC001



Brass Ball Catch

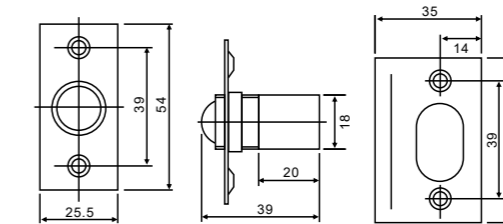
- Size: 43, 50, 60, 70mm
- Finish: P&L, S&L, CP, NP, AB, AC

Stainless Steel Ball Catch

- Size: 70mm
- Finish: SSS



AHBC002

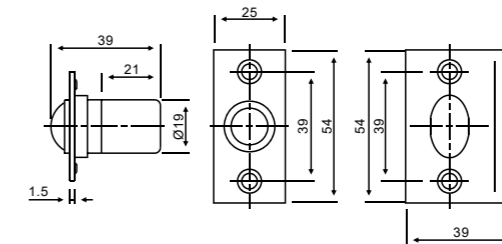


Brass Ball Catch

- Finish: CP, NP, GP, AB, AC



AHBC002-SS

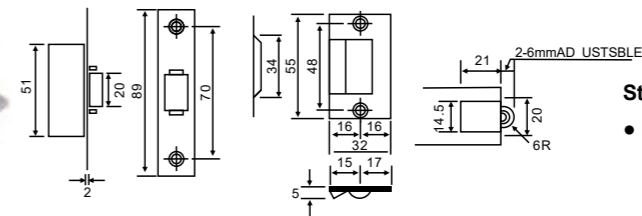


Stainless Steel Ball Catch

- Finish: SSS, PSS



AHBC003

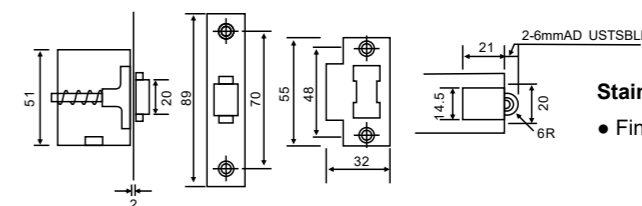


Stainless Steel Roller Catch

- Finish: SS, PSS



AHBC004

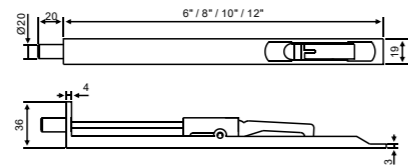


Stainless Steel Roller Catch

- Finish: SS, PSS



AHDB001

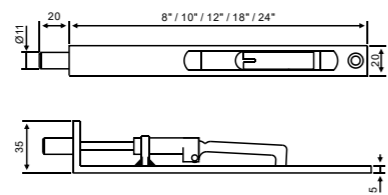


**Heavy Duty Flush Bolt for Wooden Door
Stainless Steel**

- Finish: SSS, PSS, BP, AB, AC
- Size: 8", 10", 12", 18", 24"



AHDB002

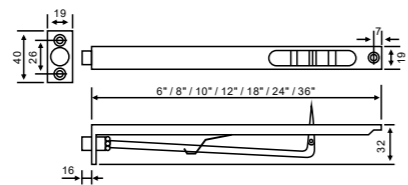


Brass Flush Door Bolt

- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 6", 8", 10", 12", 18", 24", 36"



AHDB003

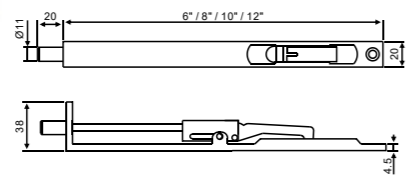


Brass Flush Door Bolt

- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 6", 8", 10", 12", 18", 24", 36"



AHDB004

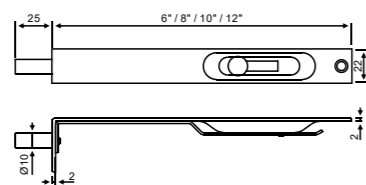


Brass Flush Door Bolt

- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 6", 8", 10", 12"



AHDB005

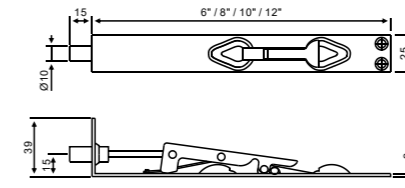


**Stainless Steel Flush Door Bolt
for Wooden Door**

- Finish: SSS, PSS, BP, AB, AC
- Size: 6", 8", 10", 12"



AHDB006

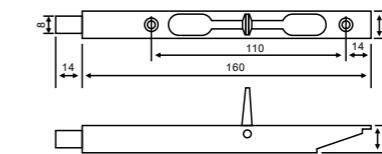


**Stainless Steel Flush Door Bolt
for Wooden Door**

- Finish: SSS, PSS, BP, AB, AC
- Size: 6", 8", 10", 12"

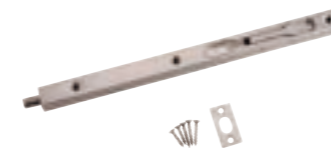


AHDB007

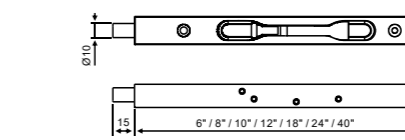


**Stainless Steel Flush Door Bolt
for Wooden Door**

- Finish: SSS, PSS, BP, AB, AC
- Size: 6"x3/4", 8"x3/4", 10"x3/4", 12"x3/4"



AHDB008

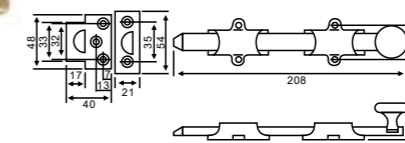


**Stainless Steel Flush Door Bolt
for Wooden Door**

- Finish: SSS, PSS, BP, AB, AC
- Size: 6"x3/4", 8"x3/4", 10"x3/4", 12"x3/4", 18"x3/4", 24"x3/4", 40"x3/4"



AHDB009

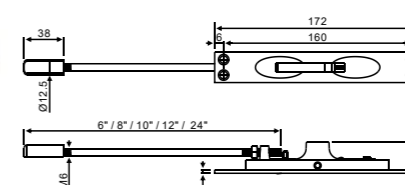


Brass Flush Door Bolt

- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 6", 8", 10", 12", 18"


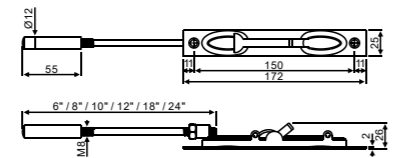


AHDB010



**Brass Flush Door Bolt
for Metal Door**


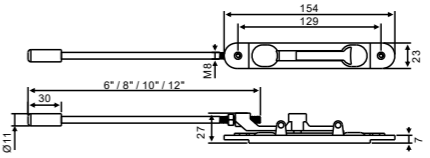
- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 6", 8", 10", 12", 18", 24"

AHDB011

Stainless Steel Flush Door Bolt for Metal Door

- Finish: SSS, PSS, BP, AB, AC
- Size: 6", 8", 10", 12", 18", 24"


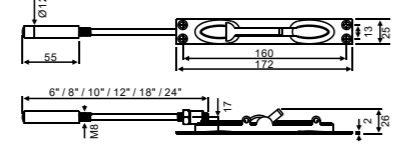
AHDB018-B

Flush Bolt for Metal Door

Material: Zinc Alloy

Size: 6", 8", 10", 12"


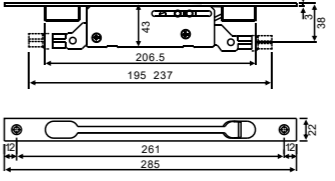
Finish: SN, SC, CP, SB, AB, AC, BP, PC, PN, PVD

AHDB012-B

Stainless Steel Flush Door Bolt for Metal Door


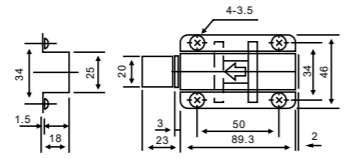
- Finish: SSS, PSS, BP, AB, AC
- Size: 6", 8", 10", 12", 18", 24"

AHDB022-B

Double Action Flush Door Bolt for Hollow Metal Door


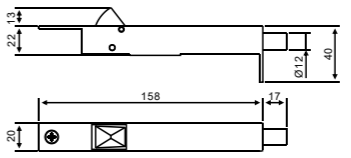
- Finish: SS, PSS, PVD, GP, AB, AC

AHDB013

Stainless Steel Door Bolt


- Finish: SS, PSS, BP, GP, AB, AC
- Surface Mounted


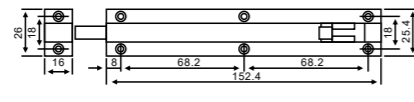
AHDB023-M
AHDB023-W

Automatic Flush Door Bolt

- Finish: SS, PSS, PVD, GP, AB, AC




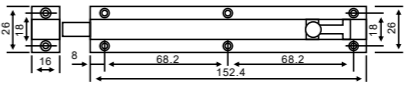
sinistrad A, dextrad B, sideways C

AHDB016

Brass Narrel Bolt


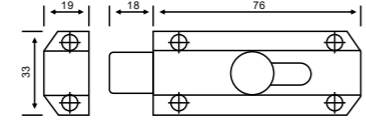
- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 1", 2", 2", 3", 4", 5", 6", 12", 18"

AHDB024

Stainless Steel Door Bolt


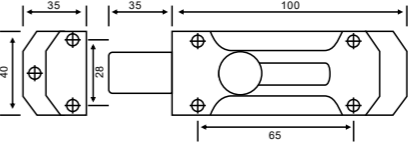
- Finish: SS, PSS, PVD, GP, AB, AC
- Size: 2", 3", 4", 5", 6", 8"

AHDB017

Brass Door Bolt

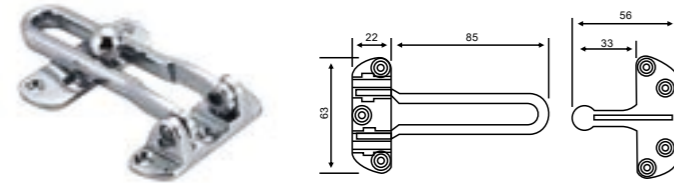
- Finish: P&L, S&L, CP, NP, SCP, SNP, GP, AB, AC
- Size: 2", 3", 4", 5", 6", 8", 10", 12", 18", 24", 36"

AHDB025

Heavy Duty Security Barrel Bolt inc Alloy Material

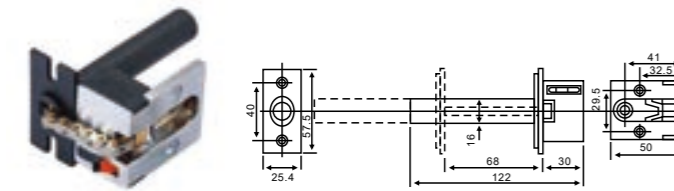
- Finish: CP, NP, GP, AB, AC



AHDG001

Security Door Guard

- Material: Stainless steel / Zinc alloy
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG002

**Concealed Security Door Chain
Concealed Fi**

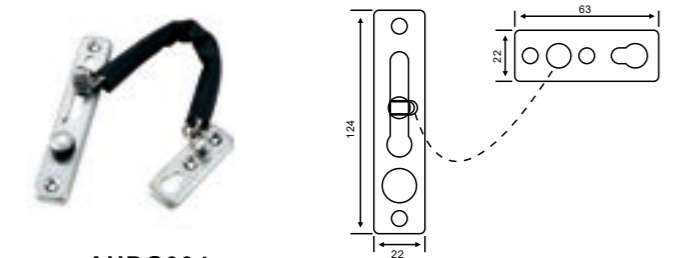
- Material: Stainless steel / Zinc alloy
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG003

Security Door Chain

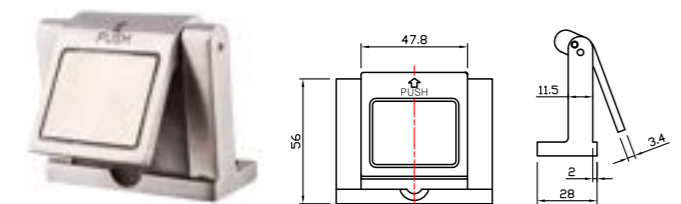
- Material: Stainless steel / Zinc alloy
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG004

Security Door Chain

- Material: Stainless steel
- Finish: SS, PSS, BP, CP, NP, GP, AB, AC



AHDG005

Security Door Guard

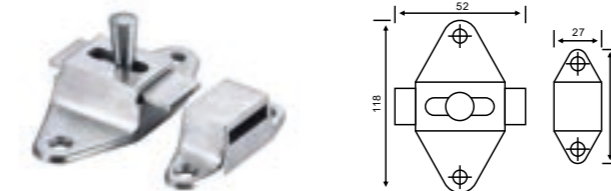
- Material: Stainless steel 304
- Finish: SS, PSS, PVD, AB, AC, BP, CP



AHDG006

Security Door Guard

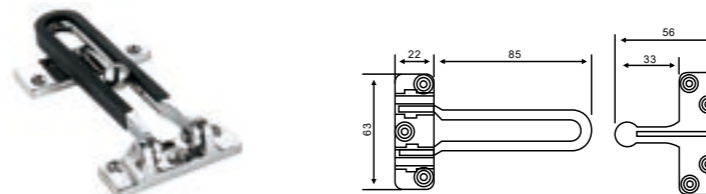
- Material: Stainless steel
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG007

Security Door Bolt

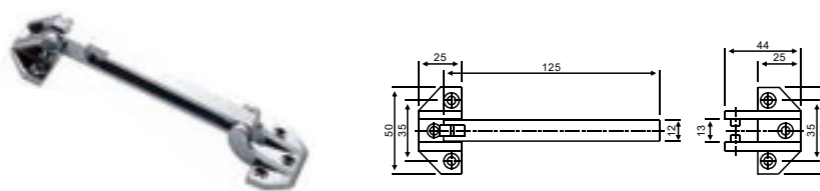
- Material: Stainless steel
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG008

Security Door Guard

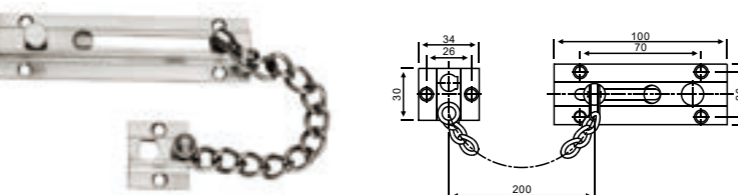
- Material: Stainless steel / Zinc alloy
- Finish: SS, PSS, PVD, SNP, SCP, AB, AC



AHDG009

Security Door Guard

- Material: Zinc alloy
- Finish: SNP, SCP, AB, AC



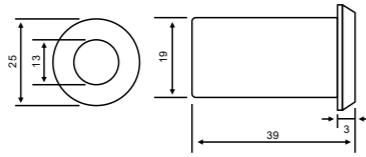
AHDG010

Security Door Chain Surface Mounted

- Material: Stainless steel
- Finish: SS, PSS, PVD



AHDP001

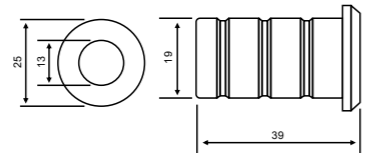


Dust Proof Socket / Strike

- Material: Stainless Steel
- Finish: SSS, PSS



AHDP002

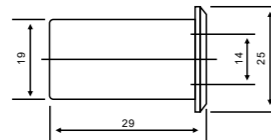


Dust Proof Socket / Strike

- Material: Stainless Steel
- Finish: SSS, PSS



AHDP003

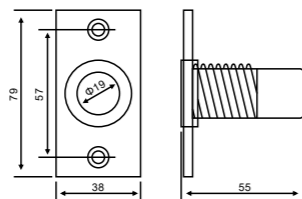


Dust Proof Socket / Strike

- Material: Brass
- Finish: SCP, SNP, AB, AC



AHDP004

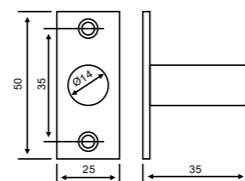


Dust Proof Strike With Plate

- Material: Brass
- Finish: AB, AC, P&L, SCP, SNP



AHDP005

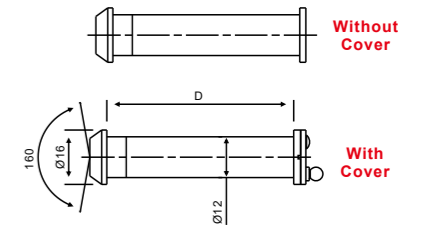


Dust Proof Strike With Plate

- Material: Stainless Steel
- Finish: SSS, PSS

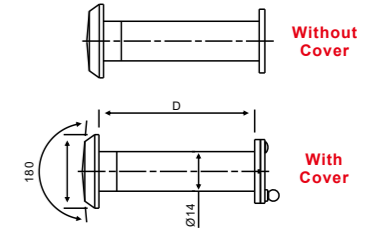
AHD 001

- Material: Brass / Zinc Alloy, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 35-55mm
- Size: Ø16 x Ø12 x 160



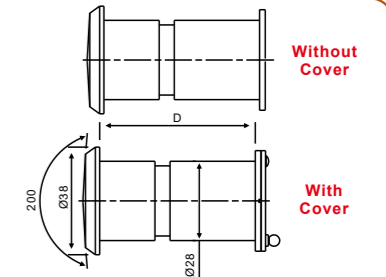
AHD 002

- Material: Brass / Zinc Alloy, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 35-55mm
- Size: Ø26 x Ø14 x 180



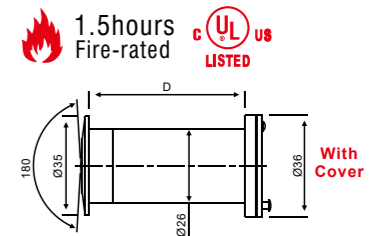
AHD 003

- Material: Brass / Zinc Alloy, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 35-55mm
- Size: Ø38 x Ø28 x 200



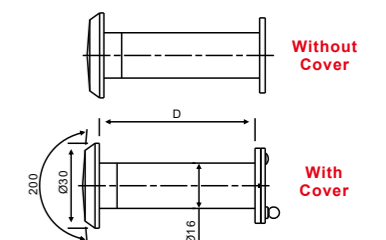
AH - 4026

- Material: Steel, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 40-65mm
- Size: Ø35 x Ø26 x 180



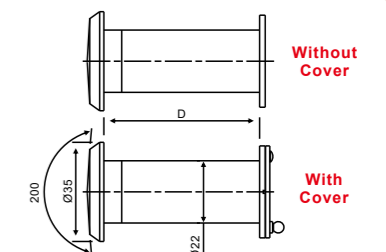
AHD 005

- Material: Brass / Zinc Alloy, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 35-55mm
- Size: Ø30 x Ø16 x 200



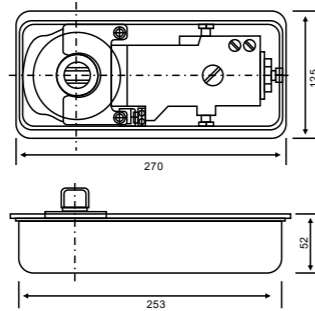
AHD 006

- Material: Brass / Zinc Alloy, Glass Lens
- With Cover / Without Cover
- Finish: BP, CP, NP, GP, AB, AC
- Application: Wooden Doors, Metal Doors
- Door Thickness: D 35-55mm
- Size: Ø35 x Ø22 x 200





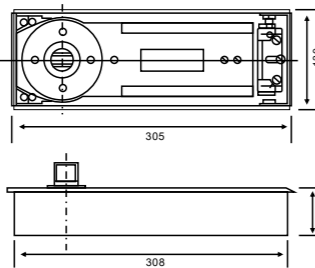
AHFS220



- Dimensions: 270 x 125 x 52mm
- Suitable for maximum 800mm wide door leaf and the maximum bearing weight is 70kg
- The maximum opening angle is 105 degree, can be located at 90 degree or 105 degree



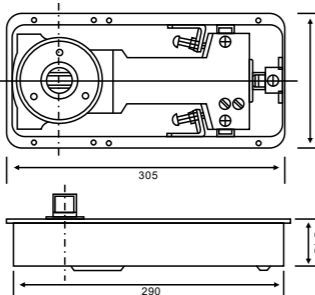
AHFS222



- Dimensions: 305 x 146 x 51.5mm
- Suitable for maximum 1000mm wide door leaf and the maximum bearing weight is 100kg
- The maximum opening angle is 105 degree, can be located at 90 degree or 105 degree



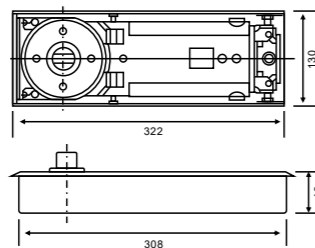
AHFS312



- Dimensions: 322 x 130 x 46mm
- Suitable for maximum 1000mm wide door leaf and the maximum bearing weight is 100kg
- The maximum opening angle is 105 degree, can be located at 90 degree or 105 degree



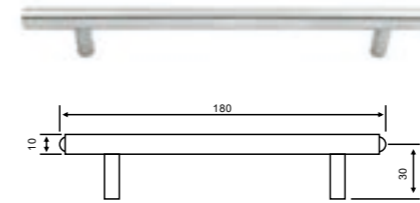
AHFS322



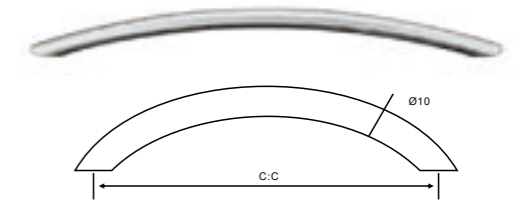
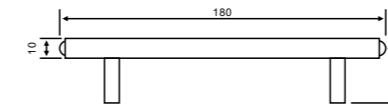
- Dimensions: 322 x 130 x 42mm
- Suitable for maximum 1200mm wide door leaf and the maximum bearing weight is 130kg
- The maximum opening angle is 105 degree, can be located at 90 degree or 105 degree

- Material: Stainless Steel 304 / 316
- Diameter: 10mm, 12mm, 14mm

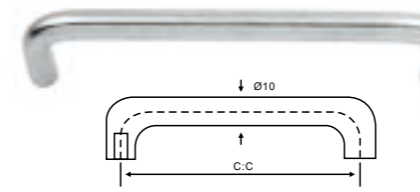
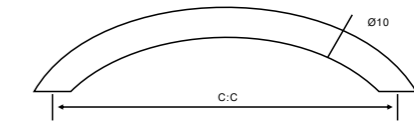
- Finish: SS, PSS, BP, GP, AB, AC
- CTC: 96, 128, 160, 192, 256, 320mm



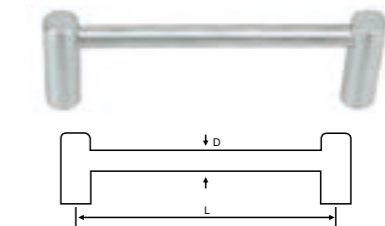
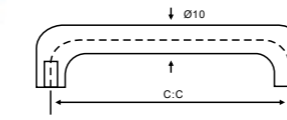
AHFH001



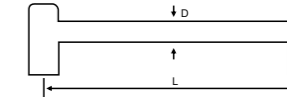
AHFH002



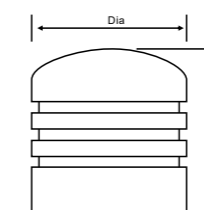
AHFH003



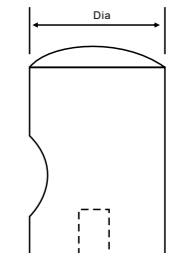
AHFH004



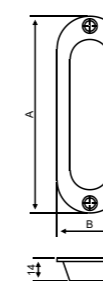
AHFH005



AHFH007



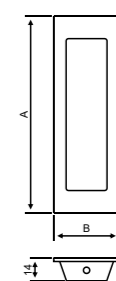
AHFH009



A	B
120	40
150	50
180	60



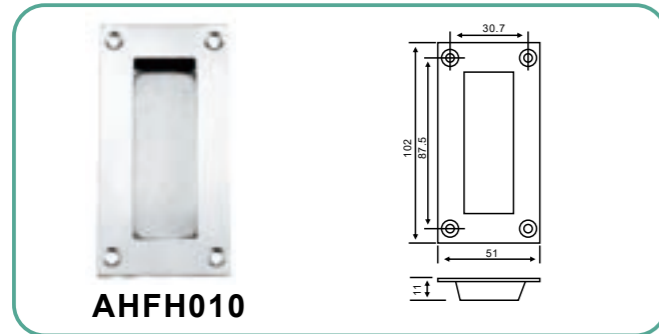
AHFH009-B



A	B
120	40
150	50
180	60
250	80

• Material: Stainless Steel 304 / 316

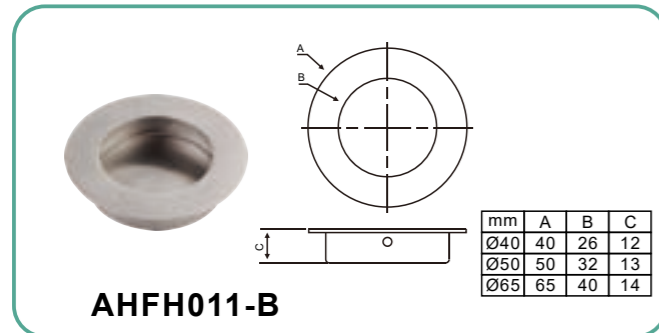
• Finish: SS, PSS, BP, GP, AB, AC



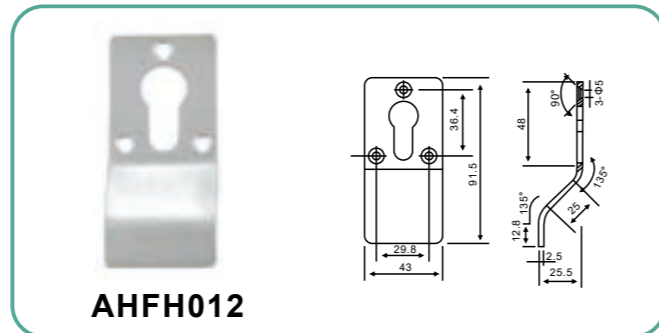
AHFH010



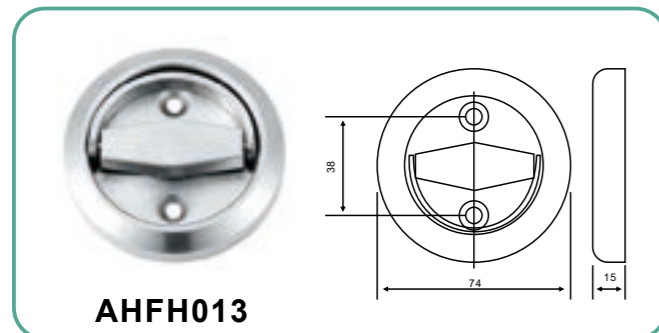
AHFH011



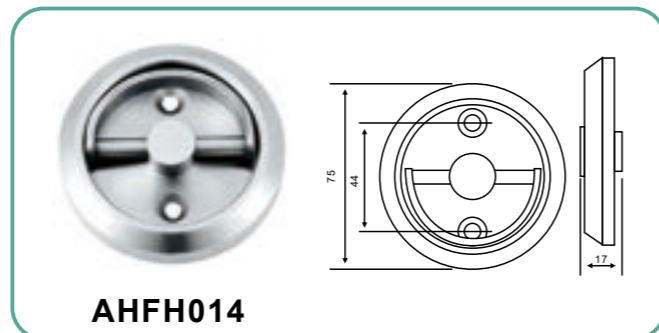
AHFH011-B



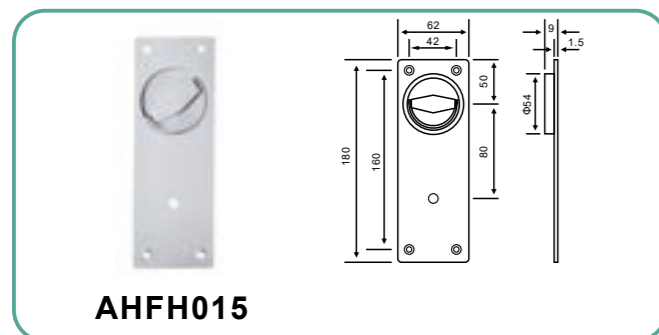
AHFH012



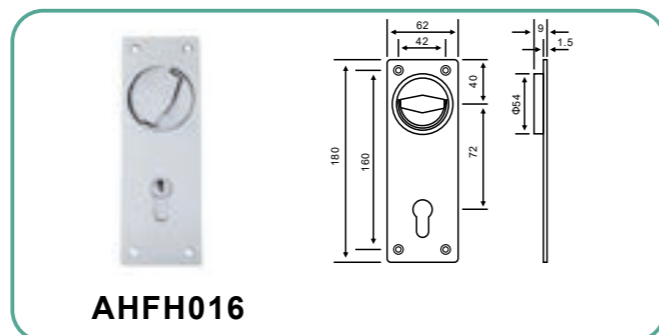
AHFH013



AHFH014

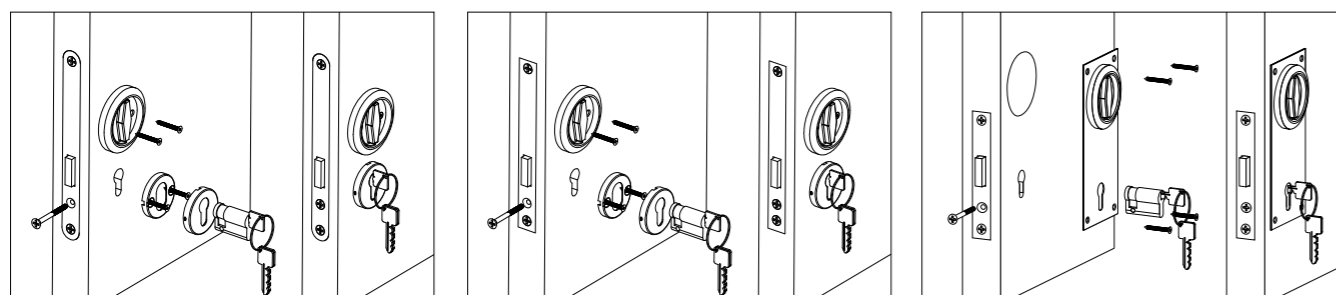


AHFH015

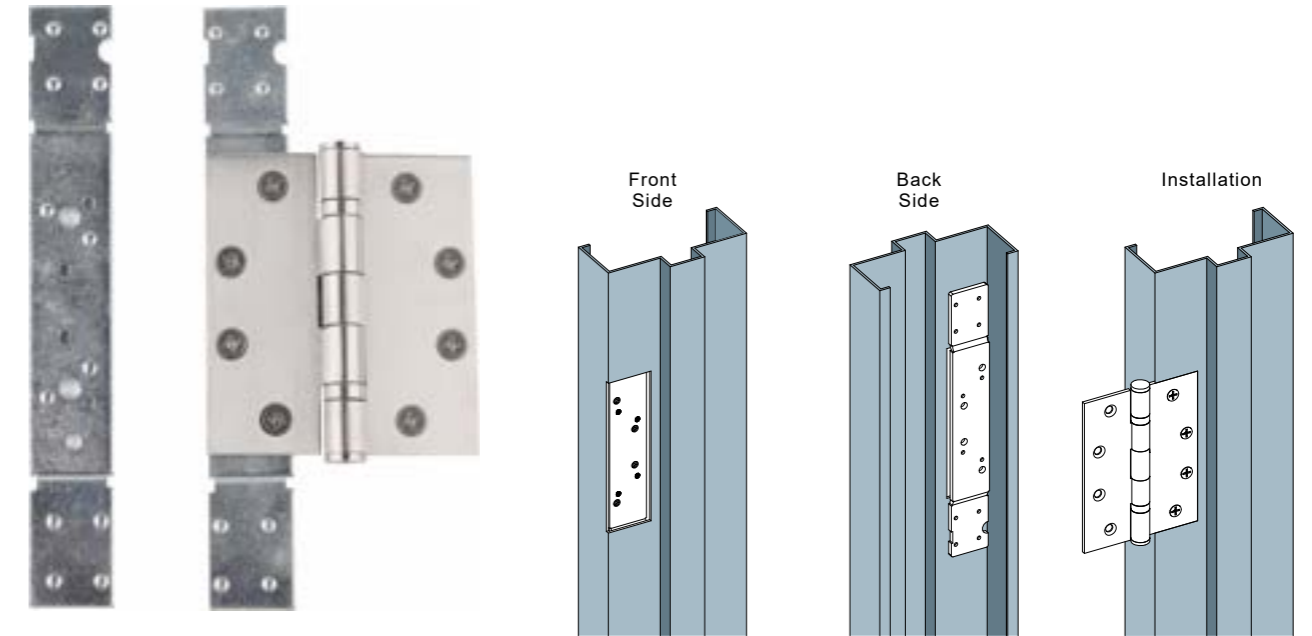


AHFH016

Optional version



Hinge Reinforcement Plate AHHR001



Holes Pattern					Thickness 4
Hinge 4.0"	Hinge 4.5"	Hinge 5.0"	Hinge 4.0"+4.5"	Hinge 4.5"+5.0"	

Suitable for Hinge Size		
4.0"x3.0"x3.0mm	4.0"x4.0"x3.4mm	4.5"x4.0"x4.6mm
4.0"x3.5"x3.0mm	4.5"x4.0"x3.4mm	4.5"x4.5"x4.6mm
4.0"x4.0"x3.0mm	4.5"x4.5"x3.4mm	5.0"x4.0"x4.6mm
4.5"x4.0"x3.0mm	5.0"x4.0"x3.4mm	5.0"x4.5"x4.6mm
4.5"x4.5"x3.0mm	5.0"x4.5"x3.4mm	5.0"x5.0"x4.6mm

- Plate Height: 228mm
- Plate Width: 32mm
- Plate Thickness: 4.0mm
- Material: Steel, Zinc plated
- Mounting: 4 holes tapped in M5 , M6 , 7/32
- Hinge Length: 4" , 4.5" , 5"
- Hinge thickness: 3.0mm , 3.4mm , 4.6mm
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement
- Welding inside of Steel Door or Frame.
- Beneficial for Heavy Doors.

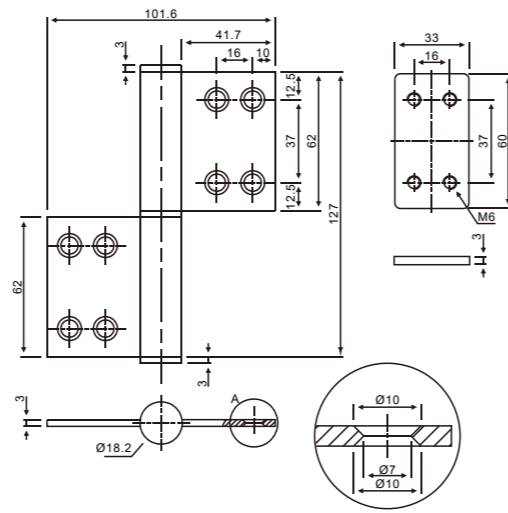
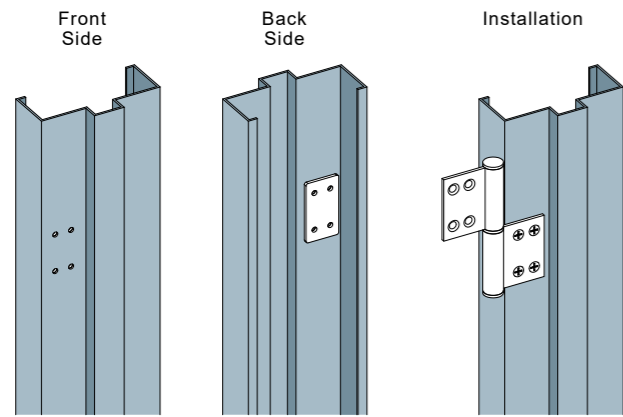
Reinforcement Plate for Flag Hinge

AHHR002



Back Side

- Plate Height: 60mm
- Plate Width: 33mm
- Plate Thickness: 3.0mm
- Material: Steel, Zinc plated
- Mounting: 4 holes tapped in M6
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement
- Welding inside of Steel Door or Frame.
- Beneficial for Heavy Doors.

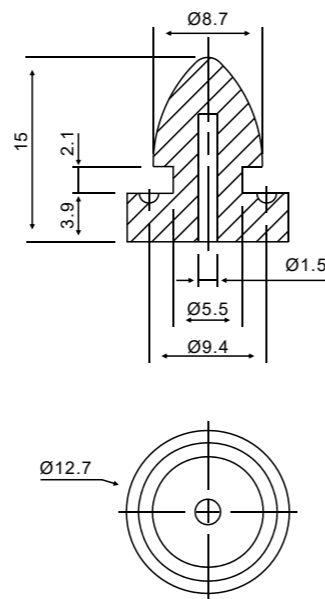


Rubber Door Silencer AHRS001



- Grey Rubber
- For Hollow Metal Frames.
- Size: 1/2" Diameter x 3/5" Length
- Rubber door silencers prevent rattle and noise when doors are closing.
- They are used in places where you want to control the noise made by closing doors.

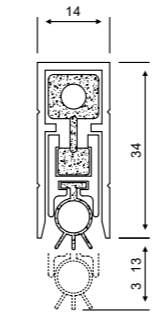
- Some applications for door silencers including
- Hospitals
 - Childrens / babies rooms
 - Offices
 - Schools
 - Care/group homes



Tested by EN 1191:2012 Tested by UL 10C:2009

Advantage

- Sound proof / wind&Dust proof/ Cold Air proof/ Hot Air proof
- Light proof / Insect, Mildew and Fungus&Vermin proof /Fire Labeled

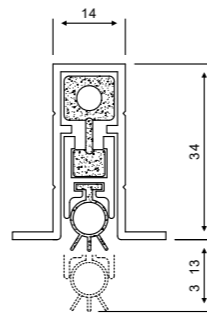


AHBS001

Features

A concealed, automatic door bottom seal that is spring loaded to lift clear of the floor when the door is opened. It is acoustically designed, featuring silicon gaskets for medium temperature smoke and fire door applications. Operated automatically by pressure against the door jamb on its adjustable strike. It can also be fitted into the bottom rail of a metal door by the fabricator.

- **Location:** Fully mortised into the groove in the bottom of single and double butt-hinged door.
- **Installation:** Fixing screws are supplied. This seal is mortised. Pre-drilled radiused end plates are supplied which also secure the product in place. (Square end plates available on request)
- **Seal:** Silicon Rubber in grey color
- **The sealing gap:** 3-15 mm (0.12"- 0.6")
- **Available length:** 380-1500mm (15"- 60")
- **Finish:** Silver or bronze anodized aluminium

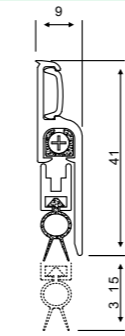


AHBS002

Features

A concealed, automatic door bottom seal that is spring loaded to lift clear of the floor when the door is opened. It is acoustically designed, featuring silicon gaskets for medium temperature smoke and fire door applications. Operated automatically by pressure against the door jamb on its adjustable strike. It can also be fitted into the bottom rail of a metal door by the fabricator.

- **Location:** Fully mortised into the groove in the bottom of single and double butt-hinged door.
- **Installation:** Fixing screws are supplied. This seal is mortised. Pre-drilled radiused end plates are supplied which also secure the product in place. (Square end plates available on request)
- **Seal:** Silicon Rubber in black color
- **The sealing gap:** 3-14 mm (0.12"- 0.55")
- **Available length:** 380-1500mm (15"- 60")
- **Finish:** Silver or bronze anodized aluminium

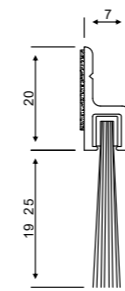


AHBS003

Features

An adjustable, automatic door bottom seal which is spring loaded to lift clear of the floor when the door is opened. Operated automatically by pressure against the door stop on its adjusting screw and incorporates concealed fixings.

- **Location:** Face mounted on the bottom of single or double butt-hinged doors.
- **Installation:** Screw. Fixing holes are pre-slotted; screws and decoration cover strip are supplied.
- **Seal:** TPE in black color
- **The sealing gap:** 3-15 mm (0.12"- 0.6")
- **Available length:** 380-1500mm (15"- 60")
- **Finish:** Silver or bronze anodized aluminium



AHBS004

Features

A nylon brush strip seal with aluminium carrier that is ideal where larger gaps are encountered.

- **Location:** Bottom of single, double or sliding doors.
- **Installation:** Self-adhesive or can be screw fixed.
- **Seal:** Black fine, dense, UV stabilized nylon filaments. (Brush length could make form 12-25mm)
- **The sealing gap:** Up to 25mm (1")
- **Available length:** 1000mm (39.4")
- **Finish:** Grind arenaceous oxidation surface, silver, brown, golden

Advantage

- Sound proof / wind&Dust proof/ Cold Air proof/ Hot Air proof
- Light proof / Insect & Vermin proof

Complete ANSI / BHMA Numbers for Materials Finishes

ANSI Code	Description	Base Material	Nearest Former U.S. Equivalent
600	Primed For Painting	Steel	USP
601	Bright apanned	Steel	US1B
603	Zinc Plated	Steel	US2G
604	Zinc Plated And Dichromate Sealed	Steel	
605	Bright Brass, Clear Coated	Brass	US3
606	Satin Brass, Clear Coated	Brass	US4
607	Oxidized Satin Brass, Oil Rubbed	Brass	
608	Oxidized Satin Brass, Relieved, Clear Coated	Brass	
609	Satin Brass, Blackened, Satin Relieved, Clear Coated	Brass	US5
610	Satin Brass, Blackened, Bright Relieved, Clear Coated	Brass	US7
611	Bright Bronze, Clear Coated	Bronze	US9
612	Satin Bronze, Clear Coated	Bronze	US10
613	Dark Oxidized Satin Bronze, Oil Rubbed	Bronze	US10B
614	Oxidized Satin Bronze, Relieved, Clear Coated	Bronze	
615	Oxidized Satin Bronze, Relieved, Waxed	Bronze	
616	Satin Bronze, Blackened, Satin Relieved, Clear Coated	Bronze	US11
617	Darkened Oxidized Satin Bronze, Bright Relieved, Clear Coated	Bronze	US13
618	Bright Nickel Plated, Clear Coated	Brass, Bronze	US14
619	Satin Nickel Plated, Clear Coated	Brass, Bronze	US15
620	Satin Nickel Plated, Blackened, Satin Relieved, Clear Coated	Brass, Bronze	US15A
621	Nickel Plated, Blackened, Relieved, Clear Coated	Brass, Bronze	US17A
622	Flat Black Coated	Brass, Bronze	US19
623	Light Oxidized Statuary Bronze, Clear Coated	Bronze	US20
624	Dark Oxidized Statuary Bronze, Clear Coated	Bronze	US20A
625	Bright Chromium Plated	Brass, Bronze	US26
626	Satin Chromium Plated	Brass, Bronze	US26D
627	Satin Aluminum, Clear Coated	Aluminum	US27
628	Satin Aluminum, Clear Anodized	Aluminum	US28
629	Bright Stainless Steel	Stainless Steel	US32
630	Satin Stainless Steel	Stainless Steel	US32D
631	Flat Black Booted	Steel	US19
632	Bright Brass Plated, Clear Coated	Steel	US3
633	Satin Brass Plated, Clear Coated	Steel	US4
634	Oxidized Satin Brass Oil Rubbed	Steel	
635	Oxidized Satin Brass Plated, Relieved, Clear Coated	Steel	
636	Satin Brass Plated, Blackened, Bright Relieved, Clear Coated	Steel	US7
637	Bright Bronze Plated, Clear Coated	Steel	US9
638	Satin Brass Plated, Blackened, Satin Relieved Clear Coated	Steel	USS
639	Satin Bronze Plated, Clear Coated	Steel	US10
640	Oxidized Satin Bronze Plated Over Copper Plate, Oil Rubbed	Steel	US10B
641	Oxidized Satin Bronze Plated, Relieved, Clear Coated	Steel	
642	Oxidized Satin Bronze Plated, Relieved, Waxed	Steel	
643	Satin Bronze Plated, Blackened, Satin Relieved, Clear Coated	Steel	US11
644	Dark Oxidized Satin Bronze Plated, Bright Relieved, Clear	Steel	US13
645	Bright Nickel Plated, Clear Coated	Steel	US14
646	Satin Nickel Plated, Clear Coated	Steel	US15
647	Satin Nickel Plated, Blackened Satin Relieved, Clear Coated	Steel	US15A
648	Nickel Plated, Blackened Relieved, Clear Coated	Steel	US117A
649	Light Oxidized Bright Bronze Plated, Clear Coated	Steel	US20

Complete ANSI / BHMA Numbers for Materials Finishes

ANSI Code	Description	Base Material	Nearest Former U.S. Equivalent
650	Dark Oxidized Statuary Bronze Plated, Clear Coated	Steel	US20A
651	Bright Chromium Plated	Steel	US26
652	Satin Chromium Plated	Steel	US26D
653	Bright Stainless Steel	Stainless Steel	
654	Satin Stainless Steel	Stainless Steel	
655	Light Oxidized Satin Bronze Bright Relieved, Clear Coated	Bronze	US13
656	Light Oxidized Satin Bronze Plated, Bright Relieved, Clear	Steel	US13
657	Dark Oxidized Copper Plated, Satin Relieved, Clear Coated	Steel	
658	Dark Oxidized Copper Plated, Bright Relieved, Clear Coated	Steel	
659	Light Oxidized Copper Plated, Satin Relieved, Clear Coated	Steel	
660	Light Oxidized Copper Plated Bright Relieved, Clear Coated	Steel	
661	Oxidized Satin Copper, Relieved, Clear Coated	Steel	
662	Satin Brass Plated, Browned, Satin Relieved, Clear Coated	Steel	
663	Zinc Plated With Clear Chromate Seal	Steel	
664	Cadmium Plated With Clear Chromate Seal	Steel	
665	Cadmium Plated With Iridescent Dichromate	Steel	
666	Bright Brass Plated, Clear Coated	Aluminum	US3
667	Satin Brass Plated, Clear Coated	Aluminum	US4
668	Satin Bronze Plated, Clear Coated	Aluminum	US10
669	Bright Nickel Plated	Aluminum	US14
670	Satin Nickel Plated	Aluminum	US15
671	Flat Black Coated	Aluminum	US19
672	Bright Chromium Plated	Aluminum	US26
673	Aluminum Clear Coated	Aluminum	
674	Primed For Painting	Zinc	USP
675	Dichromate Sealed	Zinc	
676	Flat Black Coated	Zinc	US19
677	Bright Brass Plated, Clear Coated	Zinc	US3
678	Satin Brass Plated, Clear Coated	Zinc	US4
679	Bright Bronze Plated, Clear Coated	Zinc	US9
680	Satin Bronze Plated, Clear Coated	Zinc	US10
681	Bright Chromium Plated	Zinc	US26
682	Satin Chromium Plated	Zinc	US26D
683	Oxidized Satin Brass Plated, Oil Rubbed	Zinc	
684	Black Chrome, Bright Brass, Bronze		
685	Black Chrome, Satin	Brass, Bronze	
686	Black Chrome, Bright	Steel	
687	Black Chrome, Satin	Steel	
688	Satin Aluminum, Gold Anodized	Aluminum	US4
689	Aluminum Painted	Any	US28
690	Dark Bronze Painted	Any	US20
691	Light Bronze Painted	Any	US10
692	Tan Painted	Any	
693	Black Painted	Any	(Black Aluminum Hard Coat)
694	Medium Bronze Painted	Any	(Bronze Aluminum Hard Coat)
695	Dark Bronze Painted	Any	(Dark Bronze Aluminum Hard Coat)
696	Satin Bronze Painted	Any	US4
697	Bright Brass Plated, Clear Coated	Plastic	US3
698	Satin Brass Plated, Clear Coated	Plastic	US4
699	Satin Bronze Plated, Clear Coated	Plastic	US10
700	Bright Chromium Plated	Plastic	US26
701	Satin Chromium Plated	Plastic	US26D
702	Satin Chromium Plated	Aluminum	US26D
703	Oxidized Satin Bronze Plated, Oil Rubbed	Aluminum	US10D
704	Oxidized Satin Bronze Plated, Oil Rubbed	Zinc	US10B