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Rim Locks



ASSA ABLOY

UNION provides a comprehensive range of cylinder rim and lever locks which are ideal for both architectural application and residential use.

The range includes security variants, as well as standard variants, and are ideal for use in combination with UNION mortice deadlocks on external doors.

Lockable Handle

Handle can be deadlocked prior to leaving the building. Prevents someone reaching in and opening the door

Deadlocking

Locking the bolt so that it resists end pressure attack

- **Automatic** - Anti-thrust bolt is depressed every time the door is closed
- **Internal Key** - By a turn of the key in the inside cylinder
- **Key** - By a reverse turn of the key in the outside cylinder
- **Snib** - By pushing the internal snib button

Locking Mechanism

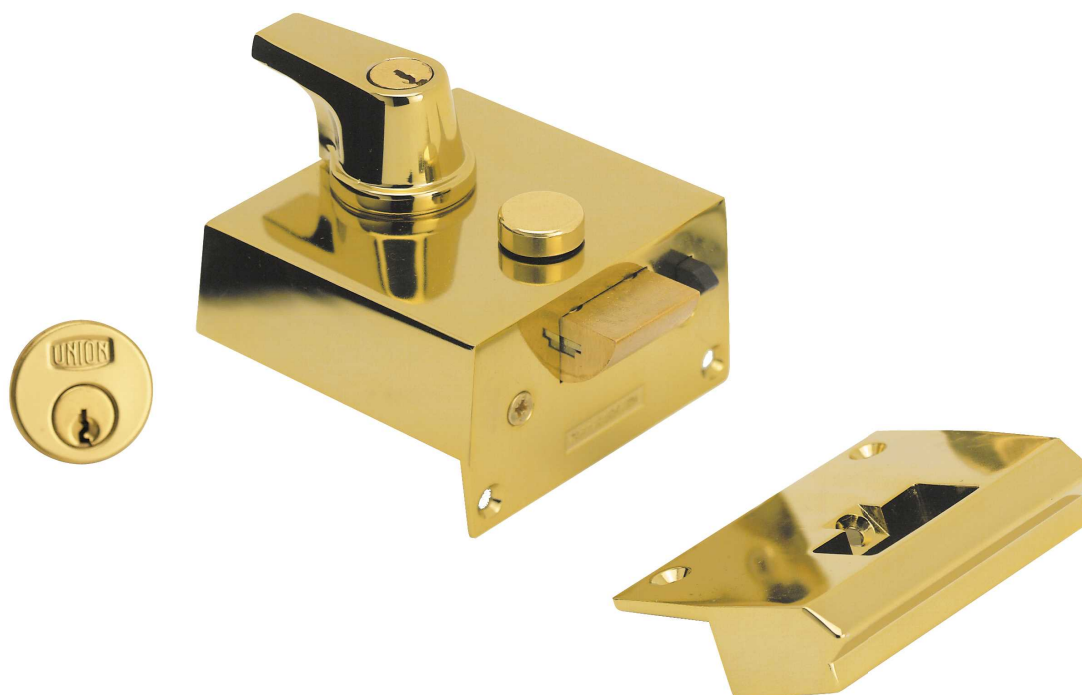
- Deadlocking latch
- Roller Bolt
- Latch
- Deadbolt

Bolt Hold Back

Either a slide, push button or turn of pull back handle to hold the bolt in the case

Finishes

UNION rim locks and night latches can be supplied in a wide variety of finishes. See individual product pages for details



Rim Locks

Rim Locks and Night Latches Look Up Table



The following table is a comprehensive guide to key features and functions of all available UNION rim night latches and rim lever locks. For more details please see the individual product page or contact your local UNION office.

	Code	Description	Backset mm	Finishes- Case Only	Anti - Thrust	External Deadlocking	Double Locking	Outward Opening	Finishes - Case & Cylinder	Keys	To Pass	Master Keyed
Traditional Security	J-1022	Nightlatch	60	CG; SE	X	X	X	X	CG-PL, SE-CH, SE- PL, SE SC	2	✓	✓
	J-1022C	Nightlatch	60	only supplied c/w cylinder	X	X	X	X	ENB-PL	2	X	X
Standard Security	J-1026	Nightlatch (Narrow Stile)	50	CG; EB; SC; WE	X	X	X	X	CG-PL, EB-PL, WE- PL, WE-SC, CH-CH	2	✓	✓
	J-1027	Nightlatch (Narrow Stile)	40	CG; EB; SC; WE; CH;	X	X	X	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-1028	Nightlatch (Standard Stile)	60	CG; EB; SC; WE; CH; DMG	X	X	X	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-10283	Nightlatch (Standard Stile)		only supplied c/w cylinder	X	X	X	✓	CG-PL, EB-PL, WE- SC, WE-CH	2	✓	✓
	J-1148	Deadlock	60	CG; EB; WE	X	X	X	X	EB-PL, SC-SC, WE- PL, WE-SC	2	✓	✓
	J-1158	Roller Bolt Deadlock	60	CG; EB; WE; CH;	X	X	X	X	CG-PL, CG-SC, EB- PL, SC-SC, WE-PL, WE-SC, CH-CH	2	✓	✓
Security	J-1037	Nightlatch (Narrow Stile)	40	EB; SC; WE	✓	✓	X	X	EB-PL, WE-PL, WE- SC, CH-CH	2	✓	✓
	J-1038	Nightlatch (Standard Stile)	60	CG; EB; SC; WE	✓	✓	X	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-10381	Nightlatch (Standard Stile)	60	only supplied c/w cylinder	✓	X	X	X	EB-PL, WE-PL, WE- SC	2	✓	✓
	J-1047	Nightlatch (Narrow Stile)	40	CG; WE	X	✓	X	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-1048	Nightlatch (Standard Stile)	60	CG; EB; WE	X	✓	X	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-1332	Drawback Lock (Standard Stile)	60	only supplied c/w cylinder	X	X	X	X	CG-PL, CG-SC, EB- PL, SC-SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	X1332 / X1332T	Drawback Lock & Turn (Standard Stile)	60	only supplied c/w cylinder	X	X	X	X	BE-PL, BN-SC, SC- SC	2	X	X
	J-1334	Drawback Lock (Standard Stile)	50	only supplied c/w cylinder	X	X	X	X	CG-PL, CG-SC, EB- PL, SC-SC, WE-PL, WE-SC, CH-CH	2	✓	✓
Double Security	J-1097	Nightlatch (Narrow Stile)	40	only supplied c/w cylinder	✓	X	✓	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓
	J-1098	Nightlatch (Standard Stile)	60	only supplied c/w cylinder	✓	X	✓	X	CG-PL, EB-PL, SC- SC, WE-PL, WE-SC, CH-CH	2	✓	✓

Rim Locks - Traditional

1022 / L1022

Cylinder Night Latch



ASSA ABLOY

Application:

- For timber doors from 35-60mm thick, hinged on the left or right and opening inwards only
- Not recommended for glass panelled doors
- Also suitable for steel and composite doors - special fixings required

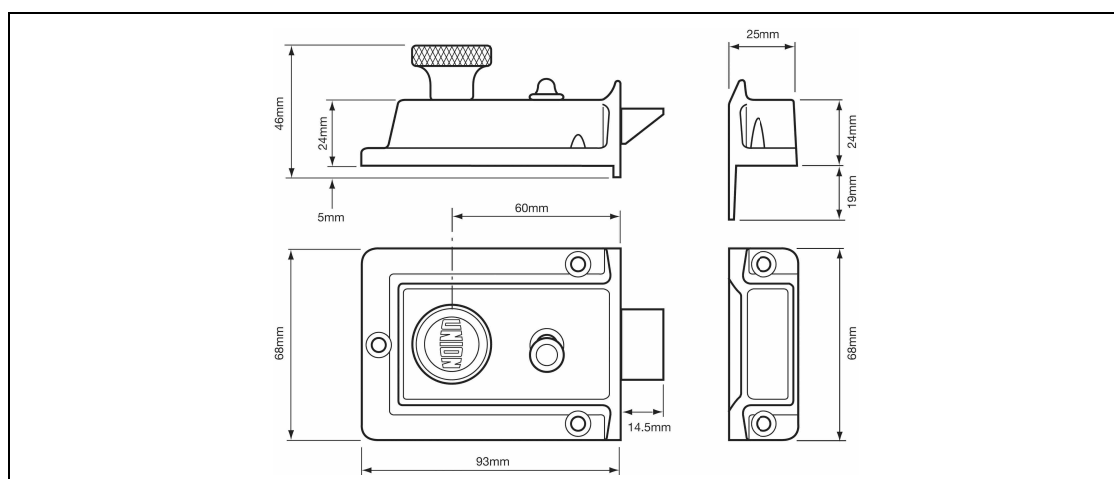
Specification:

- The bolt is withdrawn by key outside and knob inside
- The bolt may be held in the locked or in the withdrawn position by operating the snib
- Backset: 60mm
- Case & Keep: Zinc
- Latch Bolt: Anodised Brass finish
- Knob: Brass
- Outside Cylinder: Brass, 5 pin tumbler mechanism
- Inside Cylinder: n/a
- Keying Groups: Available to pass, differ & master keyed. Supplied with 2 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Key Blank Number: KB8-NP
- Available Boxed or Visi Packed

Finish:

- CG - Champagne Gold
- SE - Satin Enamel
- PL - Polished Brass

Technical Design:



Standards:



Rim Locks - Standard Security

1028 / L1028

Standard Stile Cylinder Night Latch



ASSA ABLOY

Application:

- For timber doors from 35-60mm thick, hinged on the left or right and opening inwards. See variants for doors opening outwards
- Concealed fixing
- Not recommended for glass panelled doors
- Also suitable for steel and composite doors - special fixings required

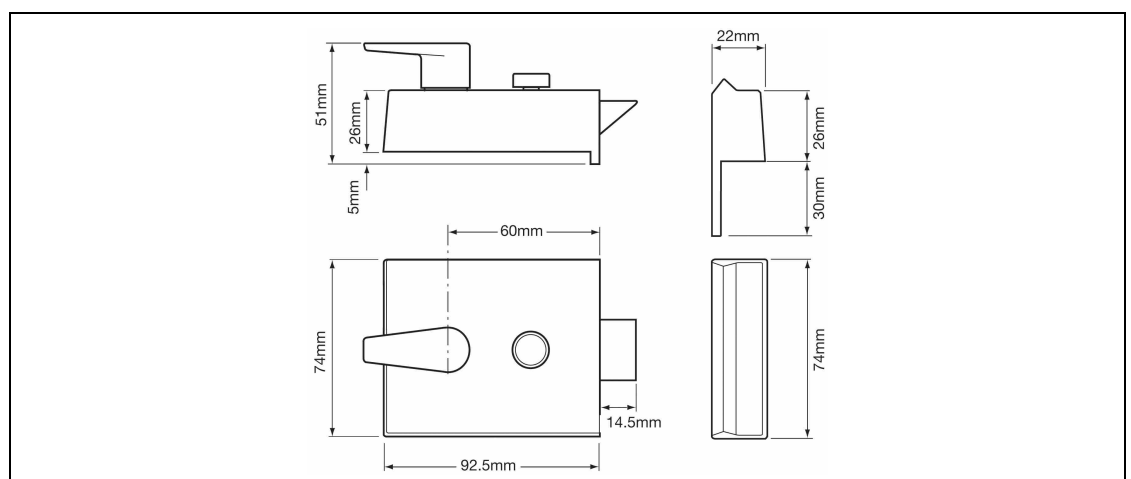
Specification:

- The bolt is withdrawn by key outside and handle inside
- The bolt may be held in the locked or in the withdrawn position by operating the snib
- Backset: 60mm
- Case & Keep: Zinc
- Latch Bolt: Anodised Brass finish
- Handle: Zinc, finished to match case and keep material
- Outside Cylinder: Brass, 5 pin tumbler mechanism
- Inside Cylinder: n/a
- Keying Groups: May be supplied to pass, differ & master keyed. Supplied with 2 steel nickel plated keys as standard
- To pass products - order JP1X1 cylinder separately
- Master keyed products supplied with nickel silver keys - order JM1X1 cylinder separately
- Key Blank Number: KB8-NP
- Available Boxed or Visi Packed

Finish:

- CG - Champagne Gold
- EB - Enamelled Brass
- SC - Satin Chrome
- WE - White Enamel
- CH - Chrome
- PL - Polished Brass

Technical Design:



Standards:



Rim Locks - Security

1037 / L1037

Narrow Stile Cylinder Night Latch



ASSA ABLOY

Application:

- For timber doors from 35-60mm thick, hinged on the left or right and opening inwards only
- Suitable for glass panelled doors
- Not recommended for single door entry residencies
- Concealed fixing
- Also suitable for steel and composite doors - special fixings required

Specification:

- The bolt is withdrawn by key outside and handle inside
- The bolt may be held in the locked or in the with-drawn position by operating the snib
- When the door is closed the bolt is automatically locked against end pressure by the anti-thrust slide
- Turning key a full revolution anti-clockwise deadlocks handle
- Backset: 40mm
- Case & Keep: Zinc
- Latch Bolt: Anodised Brass finish
- Handle: Zinc, finished to match case and keep material
- Outside Cylinder: Brass, 5 pin tumbler mechanism
- Inside Cylinder: n/a
- Keying Groups: May be supplied to pass, differ & master keyed. Supplied with 2 steel nickel plated keys as standard
- To pass product - order JP1X1 cylinder separately
- Master keyed products supplied with nickel silver keys - order JM1X1 cylinder separately
- Key Blank Number: KB8-NP
- Available Boxed or Visi-Packed

Finish:

- EB - Enamelled Brass
- WE - White Enamel
- SC - Satin Chrome



Standards:



Rim Locks - Security

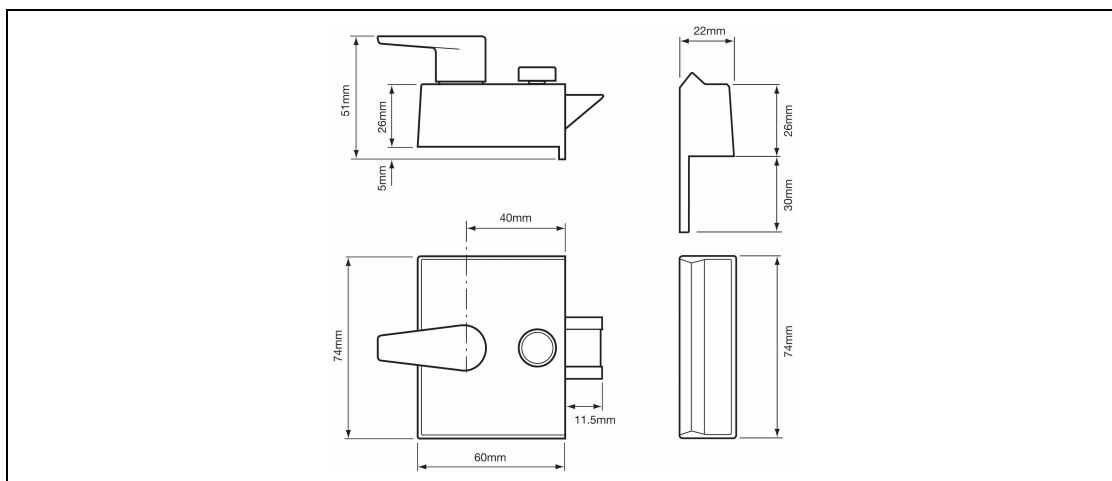
1037 / L1037

Narrow Stile Cylinder Night Latch



ASSA ABLOY

Technical Design:



Rim Locks - Security

1038 / L1038

Standard Stile Cylinder Night Latch



Application:

- For timber doors from 35-60mm thick, hinged on the left or right and opening inwards only
- Suitable for glass panelled doors
- Not recommended for single door entry residencies
- Concealed fixing
- Also suitable for steel and composite doors - special fixings required

Specification:

- The bolt is withdrawn by key outside and handle inside
- The bolt may be held in the locked or in the withdrawn position by operating the snib
- When the door is closed the bolt is automatically locked against end pressure by the anti-thrust slide
- Turning key a full revolution anti-clockwise deadlocks handle
- Backset: 60mm
- Case & Keep: Zinc
- Latch Bolt: Anodised Brass finish
- Handle: Zinc, finished to match case and keep material
- Outside Cylinder: Brass, 5 pin tumbler mechanism
- Inside Cylinder: n/a
- Keying Groups: May be supplied to pass, differ & master keyed. Supplied with 2 steel nickel plated keys as standard
- To pass product - order JP1X1 cylinder separately
- Master keyed products supplied with nickel silver keys - order JM1X1 cylinder separately
- Key Blank Number: KB8-NP
- Variant: 10381 - non-deadlocking, ideal for use in hotels and institutions. The snib retains bolt in withdrawn position. Only supplied complete with cylinder
- Available Boxed or Visi Packed

Finish:

- EB - Enamelled Brass
- WE - White Enamel
- SC - Satin Chrome



Standards:



Rim Locks - Security

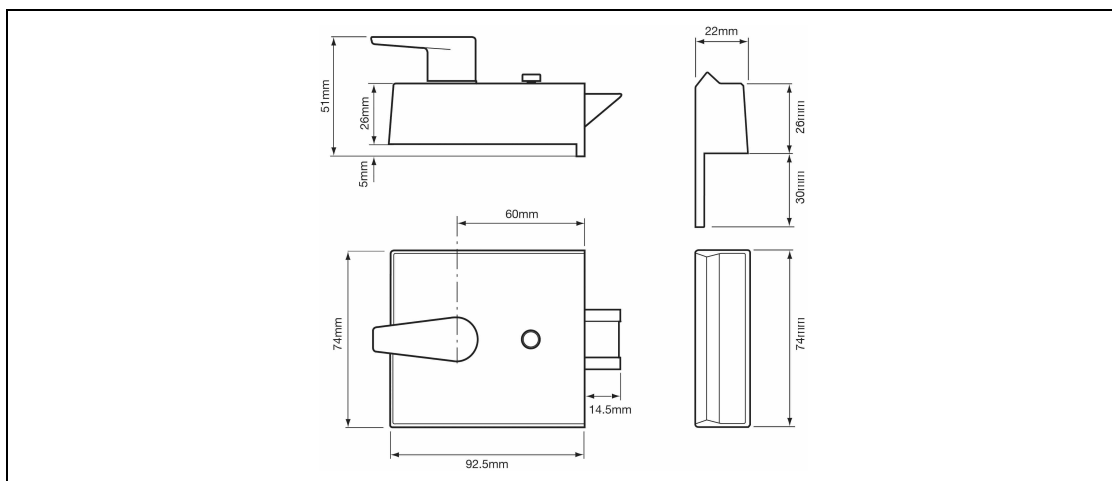
1038 / L1038

Standard Stile Cylinder Night Latch



ASSA ABLOY

Technical Design:



Mortice Locks

The UNION name has been synonymous with mortice locks since 1840. Today, UNION produces a wide range of products suitable for both architectural specification and residential use.



Deadlocking

Locking the bolt so that it cannot be forced back

- **Automatic** - Every time the door is closed it is deadlocked
- **Key** - External or internal operation
- **Thumbturn** - Internal knob

Locking Mechanism

- Latch
- Deadlocking latch
- Deadbolt

Operating Mechanism

The means by which the lock is operated

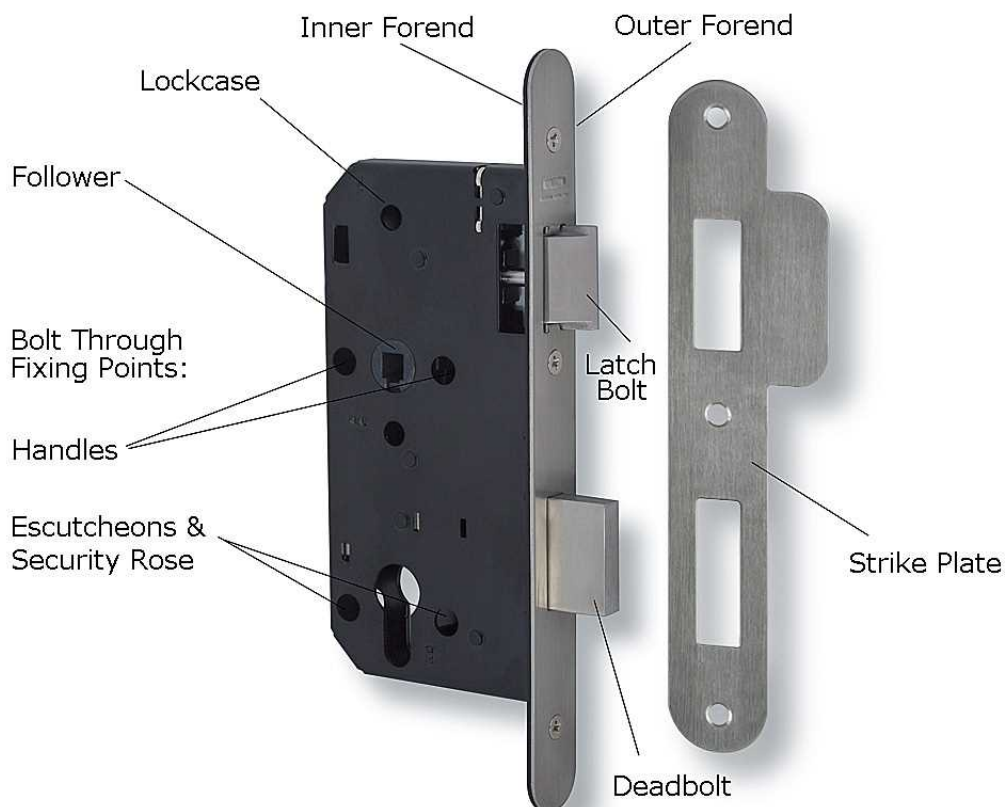
- **Lever Mortice**
- **Euro Profile** - Purchased separately
- **Oval Profile** - Purchased separately

Key Control Systems

UNION lever mortice locks can be supplied individually keyed, keyed alike, key to pass or master keyed. For cylinder mortice locks, please check the specification of each appropriate cylinder for keying information.

Finishes

UNION mortice locks are available in a variety of finishes. See individual product pages for further details



Mortice Locks

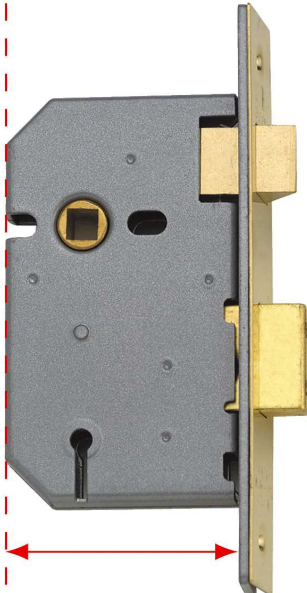
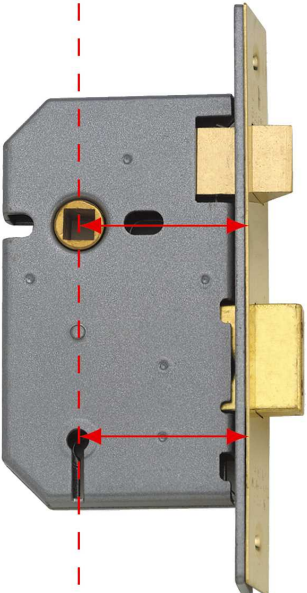
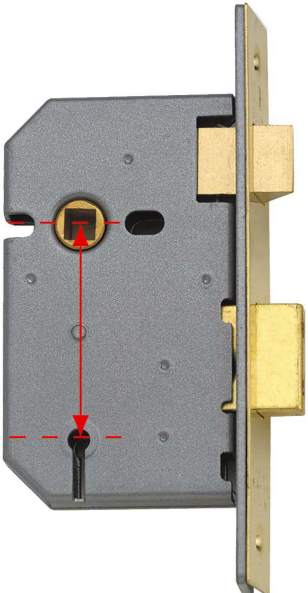
Sizing a Lock - Basic Terminology



ASSA ABLOY

To help you select the correct mortice lock, the following is a basic guide to the key measurements and dimensions.

There are three main dimensions that apply to both lever operated locks and cylinder lock cases:

Case Size	Backset	Centres
Distance from the front of the outer forend to the back of the case	Distance from the outer forend to centre of the follower or keyhole. This measurement is important when replacing existing locks.	Distance between the centre of follower and centre of the keyhole. This measurement is important for selection of door handles.
		
eg: Case Size - 65mm (2.50")	eg: Backset - 44.5mm	eg: Centres - 57mm

Rebate Components

On rebated door frames, a rebate set will be required to align the frame of the door and secure the lockcase. Please refer to individual product page for Rebate Sets.

Handing of Locks

A hinged door opens in one of four ways. Some UNION mortice locks will need you to specify which handing is required on your purchase order. For details on handing, please refer to the catalogue introduction section.

Architectural

906PZ

Euro Profile Mortice Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring key and lever handle operation

Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Key and handle operation from both sides of the door
- Latchbolt operated by key
- Double throw - 22mm deadbolt throw when key is turned twice
- Easily reversible latch bolt
- Pierced to accept bolt through furniture and security rose
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Steel electro plated to SS finish
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish



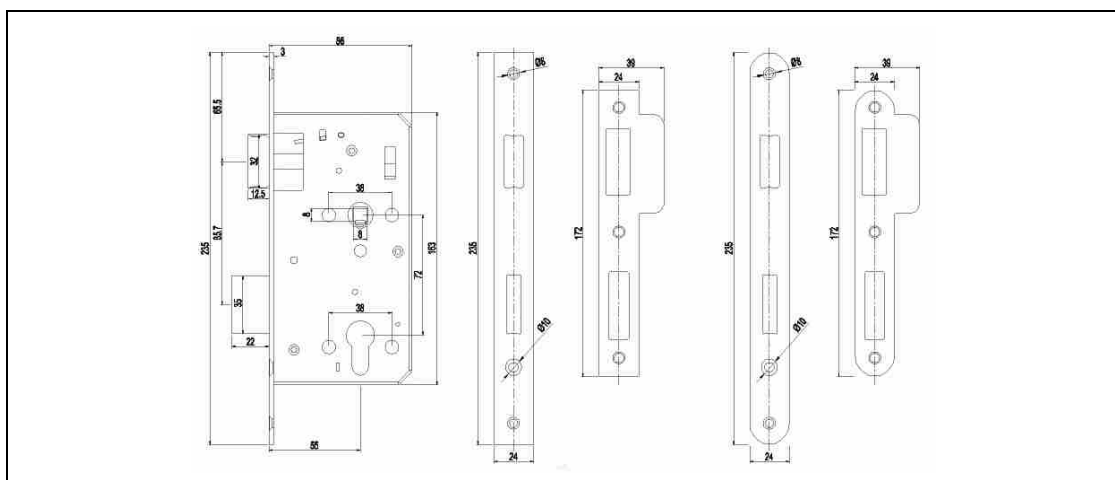
Standards:

- Tested to BS EN 12209 : 2003

3	X	5	1	0	F	3	B	C	2	0
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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690
- Included in a 3rd-party FD90 timber fire door test



Technical Design:



Architectural

906PL

Mortice Latch



ASSA ABLOY

Application:

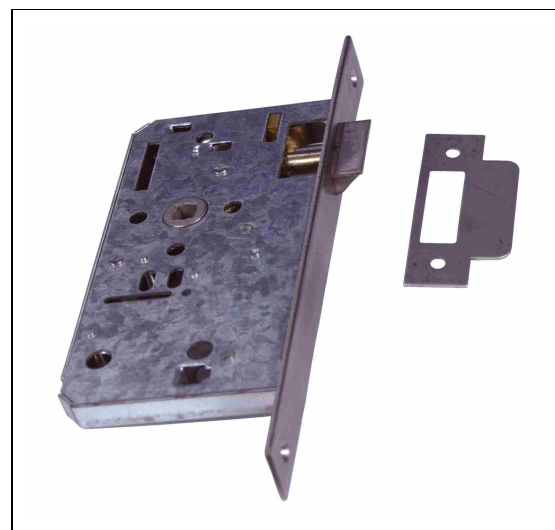
- For doors hinged on the left or right requiring lever handle operation

Specification:

- Modular case range
- Handle operation from both sides of the door
- Easily reversible latchbolt
- Pierced to accept security rose fixings
- Heavy duty lever handle spring
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: n/a
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



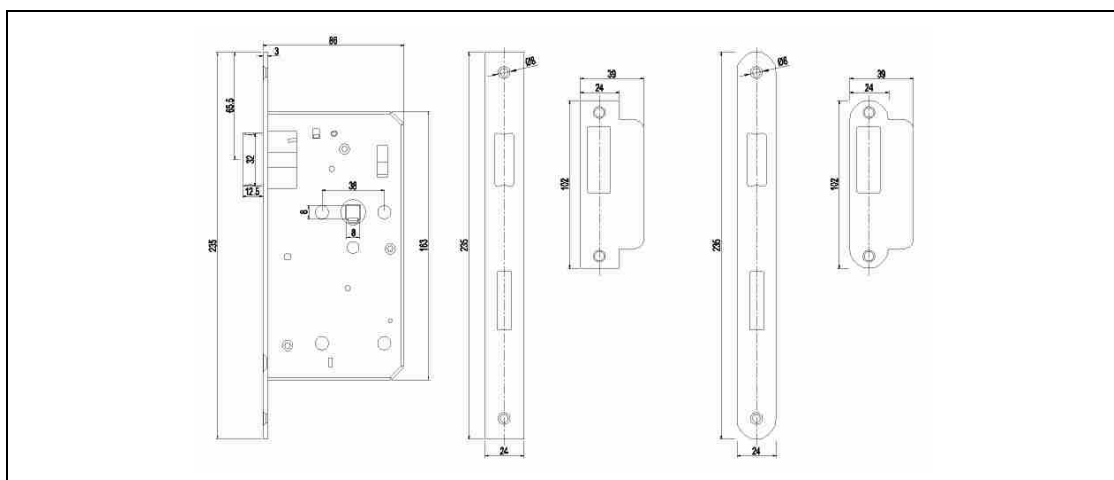
Standards:

- Tested to BS EN 12209 : 2003

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906DL

Euro Profile Mortice Deadlock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring key operation only

Specification:

- Modular case range
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Double throw deadbolt gives 22mm projection when key or turn is turned twice
- Pierced to accept bolt through furniture and security rose
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Steel electro plated to SS finish
- Latch Bolt: n/a
- Follower: Stainless steel, 8mm
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



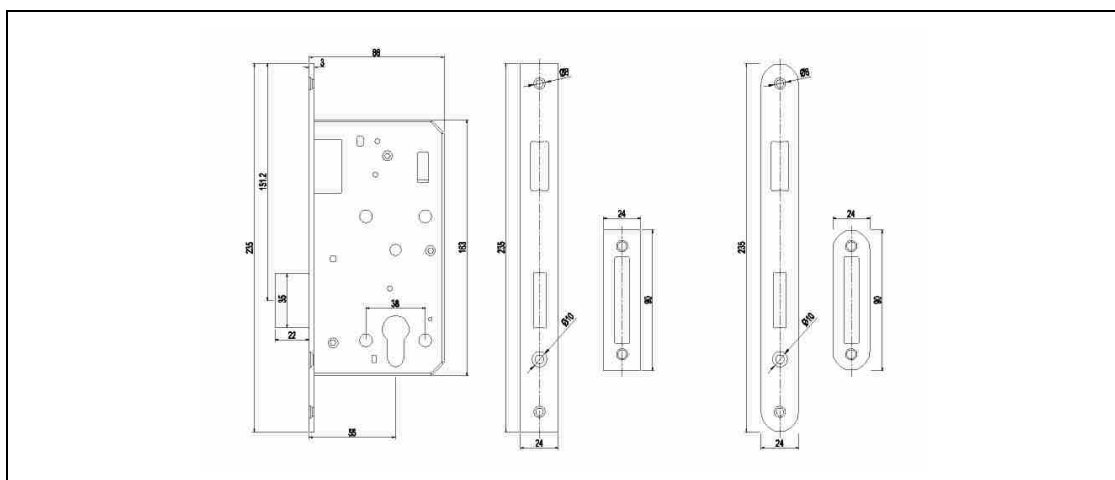
Standards:

- Tested to BS EN 12209 : 2003

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906NL

Euro Profile Mortice Night Latch



ASSA ABLOY

Application:

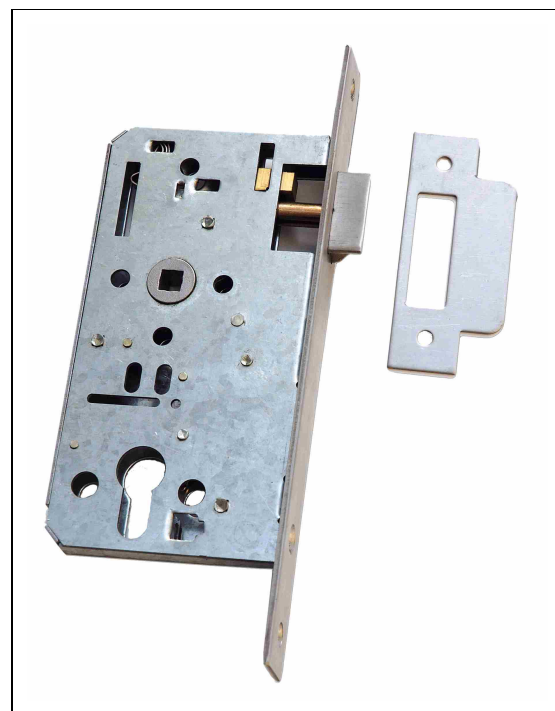
- For doors hinged on the left or right and requiring key operation only
- Non-reversible latchbolt - please specify left or right handed when ordering

Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders door
- Key operation to withdraw latch
- Pierced to accept bolt through furniture and security rose
- Use with split spindle for high traffic areas
- Easily reversible stainless steel latch bolt
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: n/a
- Latch Bolt: Stainless steel, 8mm
- Follower: n/a
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



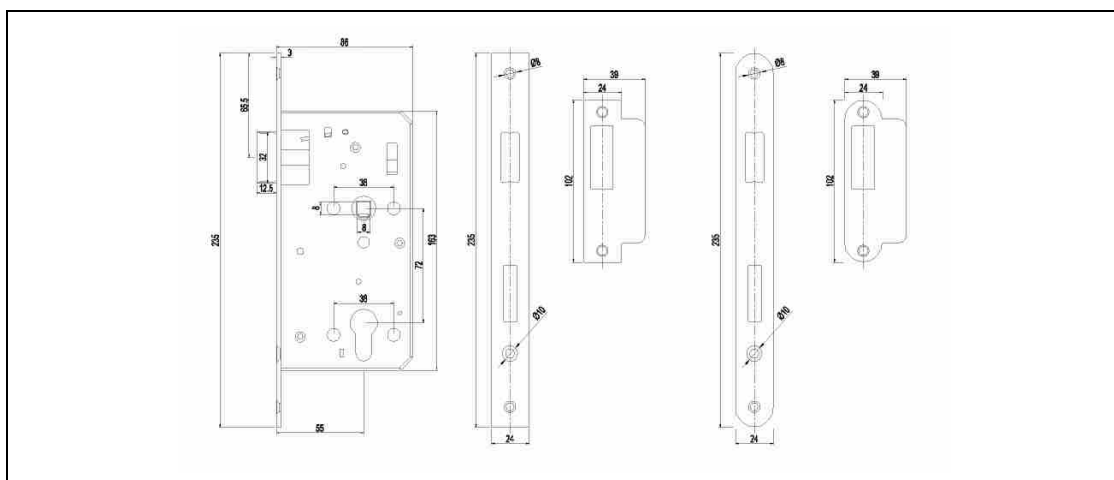
Standards:

- Tested to BS EN 12209 : 2003

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906TA / TD

Mortice Bathroom Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring turn and emergency release functions

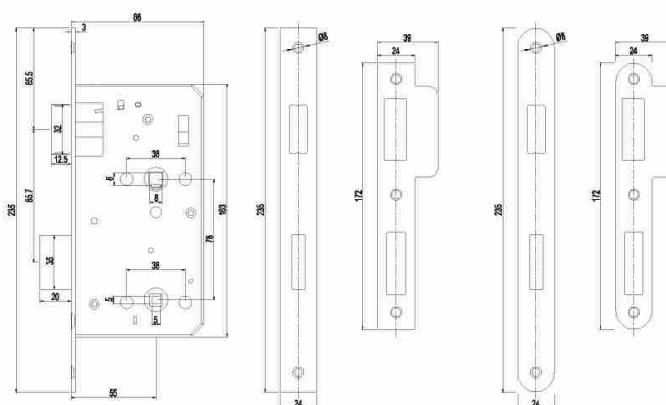
Specification:

- Modular case range
- European style casing with 78mm centres
- Single throw deadbolt gives 13.5mm projection when locked or unlocked by separate turn from inside
- Deadbolt unlocked by separate emergency release from outside
- Latchbolt withdrawn by lever handle from either side
- Easily reversible latchbolt
- Available with deadbolt function only (X906TD) - not CE or Certifire tested
- Pierced to accept bolt through furniture and security rose
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 52mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Steel electro plated to SS finish
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm with 5mm adaptor

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish

Technical Design:



Standards:

- Tested to BS EN 12209 : 2003 (TA variant only)

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 144028 (TA variant only)



Architectural

906AP

Euro Profile Mortice Anti Panic Sash Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right

Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Split follower fitted with split spindles withdraws both latchbolt and deadbolt from the inside
- Pierced to accept bolt through furniture and security rose
- Heavy sprung follower suitable for unsprung lever furniture
- Easily reversible stainless steel latch bolt and escape
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Steel electro plated to SS finish
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



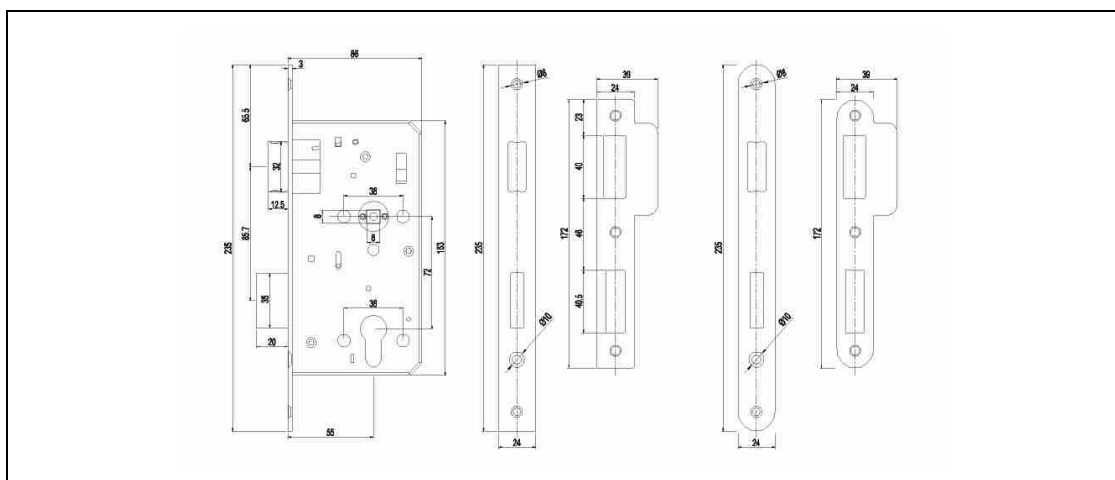
Standards:

- Tested to BS EN 179 : 1998 + A1 : 2001

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906AT

Mortice Deadlocking Nightlatch



ASSA ABLOY

Application:

- Non reversible latchbolt, please specify left or right handed when ordering

Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Pierced to accept bolt through furniture and security rose
- Anti-thrust bolt - deadlocks latchbolt when door is closed
- Supplied with half spindle
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: n/a
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



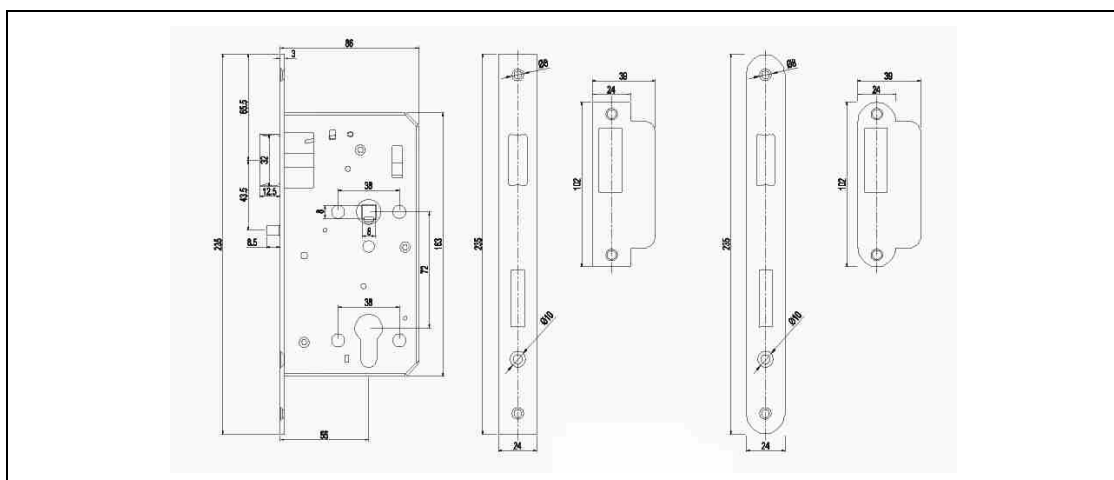
Standards:

- Tested to BS EN 12209 : 2003

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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906PT

Mortice Deadlocking Escape Lock



ASSA ABLOY

Application:

Specification:

- Non reversible latchbolt, please specify left or right handed when ordering
- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Pierced to accept bolt through furniture and security rose
- Anti-thrust bolt - deadlocks latchbolt when door is closed
- Split follower fitted with split spindle withdraws both latchbolt and deadbolt from the inside
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Stainless steel, 20mm single throw
- Latch Bolt: Stainless steel
- Follower: Stainless steel, 8mm
- Cylinder Type: Euro profile (not supplied)
- Available in SS, PS, PVD, AB and SB finishes

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PVD - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish



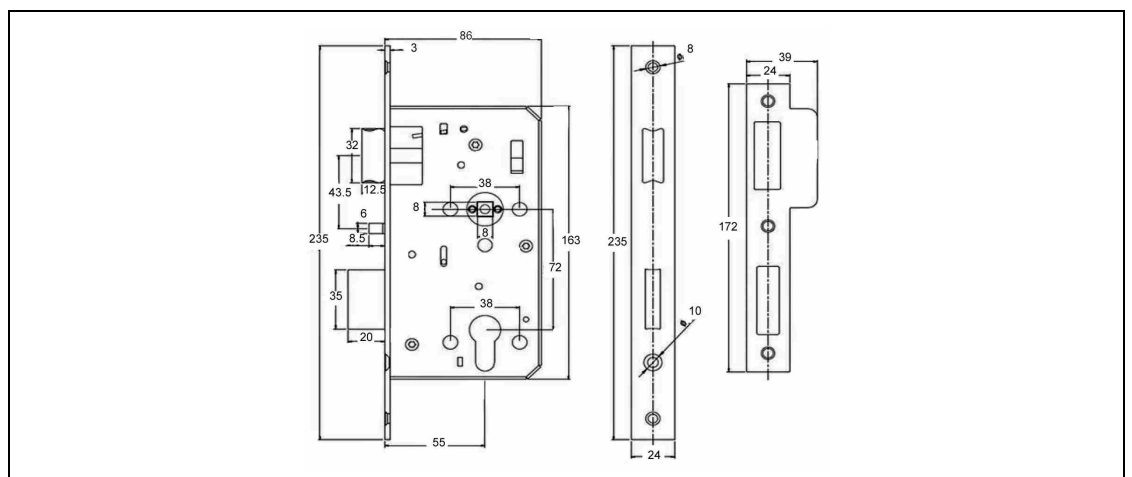
Standards:

- Tested to BS EN 179 : 2008

3	7	6	B	1	3	4	2	A	B
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- BS EN 1634 Part 1 : 2000 4 hour fire resistance Warrington Fire Test Certificate No 145690



Technical Design:



Architectural

906RL

Euro Profile Mortice Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring key and pull handle operation

Specification:

- Modular case range
- European style casing with 72mm centres which accommodates most euro profile cylinders
- Key operation from both sides of the door
- Rollerbolt retracted by pull handle or push plate
- Double throw - 22mm deadbolt throw when key is turned twice
- Pierced to accept bolt through security rose
- Available with radiused forend and strike upon request
- Case Size: 86mm
- Backset: 55mm
- Case: Galvanised Zinc
- Outer Forend: See finishes below
- Striking Plate: Finished to match outer forend
- Deadbolt: Stainless Steel
- Roller Latch Bolt: Stainless steel
- Cylinder Type: Euro profile (not supplied)
- Available in SS, PS, PB, AB and SB finishes



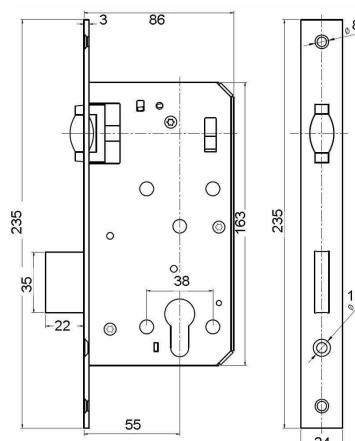
Standards:



Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish

Technical Design:



Architectural

985

Euro Profile Mortice Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring key and lever handle operation

Specification:

- European style casing with 85mm centres which accommodates most euro profile cylinders
- Key and handle operation from both sides of the door. Latchbolt operated by key
- Double throw deadbolt gives 20mm projection when key is turned twice
- Easily reversible latchbolt
- Available with cylinder or as lockcase only. Available with double euro profile cylinder. Available with bathroom cylinder with emergency release. Available with turn cylinder with one side key. Available with lever key adaptor
- Non masterkeyable
- Case Size: 73mm
- Backset: 45mm standard. Also available in 40mm and 55mm
- Case: Steel, black epoxy coat
- Outer Forend: See finishes opposite
- Striking Plate: Finished to match outer forend
- Deadbolt: Brass
- Latch Bolt: Brass
- Follower: Zinc, 8mm
- Cylinder Type: Euro profile (when supplied with lockcase)
- Available boxed or visi-pack

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



Standards:



Architectural

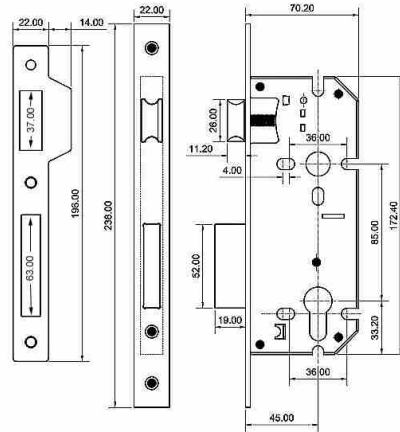
985

Euro Profile Mortice Lock



ASSA ABLOY

Technical Design:



Architectural

985PL

Euro Profile Mortice Latch



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring lever handle operation

Specification:

- European style casing with 85mm centres
- Handle operation from both sides of the door
- Easily reversible latchbolt
- Case Size: 73mm
- Backset: 40mm or 45mm
- Case: Steel, black epoxy coat
- Outer Forend: See finishes opposite
- Striking Plate: Finished to match outer forend
- Latch Bolt: Brass
- Follower: Zinc, 8mm

Finish:

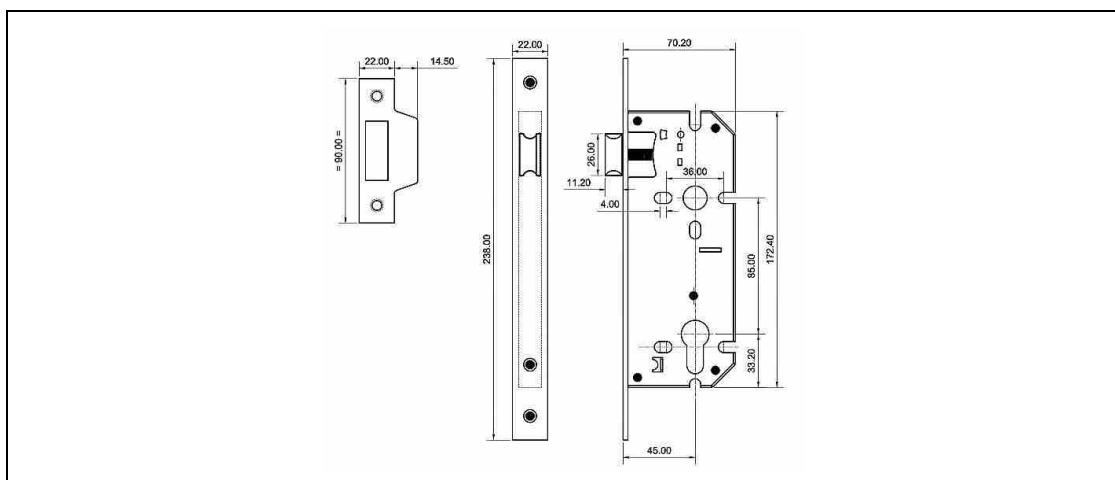
- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish
- SB - Satin Brass finish
- ABZ - Antique Bronze finish



Standards:



Technical Design:



Architectural

U8912

Security Bolt Mortice Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right requiring lever handle operation only

Specification:

- European style casing with 85mm centres which accommodates most euro profile cylinders
- Key and handle operation from both sides of the door
- Latchbolt operated by key
- Double throw deadbolt gives 20mm projection when key is turned twice
- Pierced to accept bolt through furniture
- Case Size: 80mm
- Backset: 50mm
- Case: Galvanised steel, powder coat
- Outer Forend: Steel enamel finish
- Striking Plate: Steel enamel finish
- Deadbolt: Hardened steel
- Latch Bolt: Zamac, chrome plated
- Follower: Zinc, 8mm
- Cylinder Type: Euro profile (not supplied)
- Keying Group: Masterkeyable

Finish:

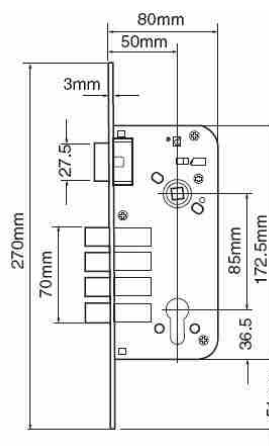
- PB - Polished Brass finish
- PN - Polished Nickel finish
- MN - Matt Nickel finish



Standards:



Technical Design:



Architectural

U8913

Security Bolt Deadlock



ASSA ABLOY

Application:

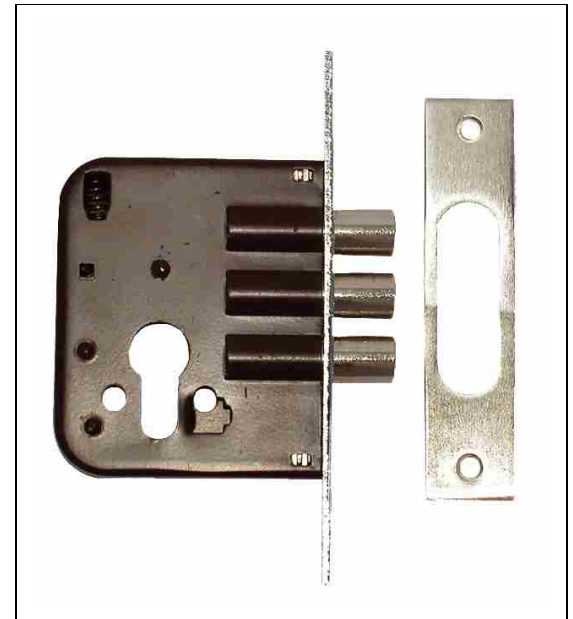
- For doors hinged on the left or right and requiring key operation

Specification:

- Lockcase accommodates most euro profile cylinders
- Key operation from both sides of the door
- Double throw of deadbolt gives 20mm projection when key is turned twice
- Masterkeyable
- Case Size: 88mm
- Backset: 50mm
- Case: Galvanised steel, powder coated
- Outer Forend: Steel enamel finish
- Striking Plate: Steel enamel finish
- Deadbolt: Hardened steel
- Latch Bolt: n/a
- Follower: n/a
- Cylinder Type: Euro profile (not supplied)

Finish:

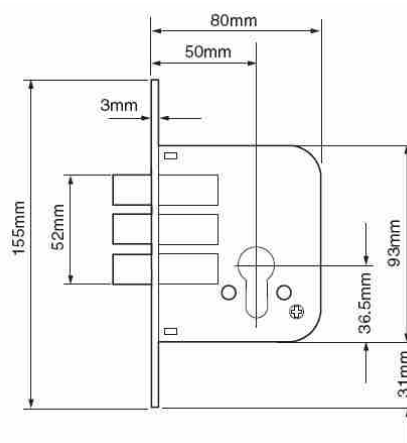
- PB - Polished Brass finish
- PN - Polished Nickel finish
- MN - Matt Nickel finish



Standards:



Technical Design:



Multi Point Lock



Specification:

- For doors hinged on the left or right and requiring key and lever operation
- European style casing with 85mm centres which accommodates most euro profile cylinders
- Key and handle operation from both sides of the door
- Double throw deadbolt gives 20mm projection when key is turned twice
- Pierced to accept bolt through furniture
- Supplied with fixing screws
- Forend can be cut to match door height
- Case Size: 80mm
- Backset: 50mm
- Case: Galvanised steel, powder coated
- Outer Forend: Steel enamel finish
- Striking Plate: Steel enamel finish
- Deadbolt: Hardened steel
- Latch Bolt: Zamac, chrome plated
- Follower: Zinc, 8mm
- Cylinder Type: Euro profile (not supplied)
- Keying Group: Masterkeyable

Finish:

- PB - Brass
- NP - Nickel Plated



Standards:



Architectural

920 / 925 / 930 / R920 / R925 / R930 / R935

Narrow Stile Aluminium Door Lock



ASSA ABLOY

Application:

- For doors hinged on the left or right and requiring key and lever operation, or key only

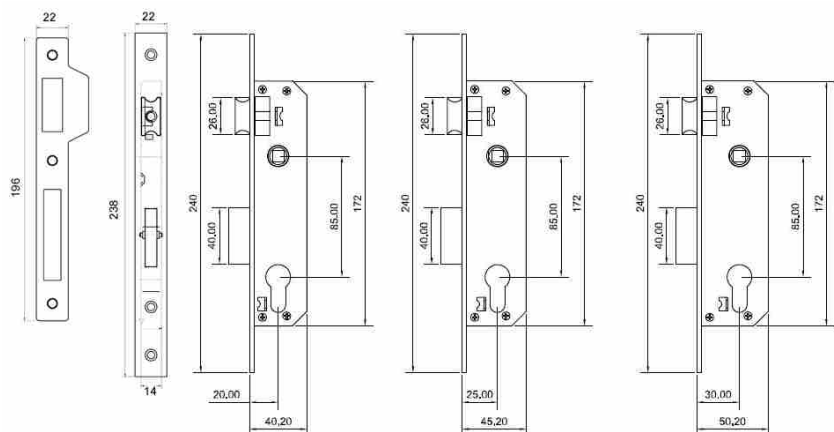
Specification:

- European style casing with 85mm centres which accommodates most euro profile cylinders
- Deadbolt latch variants are key and handle operation, option of key both sides or key from one side, turn from other
- Roller latch variants (XR920, XR925, XR930 & XR935) are key operation only, option of key both sides or key from one side, turn from the other
- Masterkeyable (cylinders supplied separately)
- Easily reversible stainless steel latch bolt and escape
- Case Size: 36mm, 41mm, 46mm and 51mm
- Backset: 20mm, 25mm, 30mm and 35mm
- Case: Steel, black powder coat
- Outer Forend: See finishes opposite
- Striking Plate: Finished to match outer forend
- Deadbolt: Zinc alloy
- Latch Bolt: Zinc Alloy
- Roller Latch: Brass
- Follower: Zinc, 8mm
- Cylinder Type: Euro profile (not supplied)

Finish:

- SS - Stainless Steel finish
- PS - Polished Stainless Steel finish
- PB - Polished Brass finish
- AB - Antique Brass finish

Technical Design:



Standards:



Architectural

HLRK-SS

HOOK LOCK & ROUND KNOB



ASSA ABLOY

Application:

- Hook lock & round knob suitable for sliding doors

Specification:

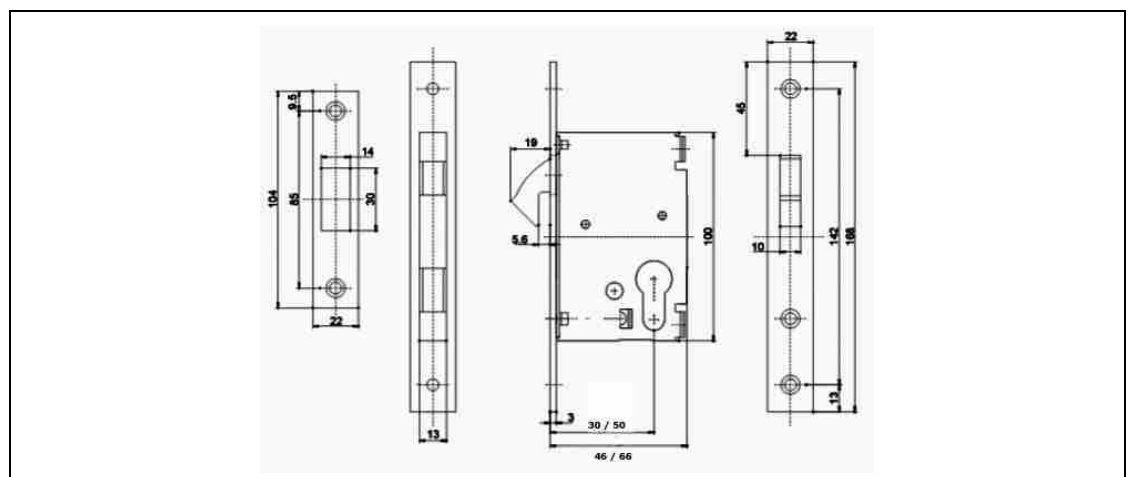
- Case Size: 100mm
- Backset: 30mm or 50mm
- Case: Stainless steel
- Outer Forend: Stainless steel
- Striking Plate: Stainless steel
- Hook Latch: Stainless steel
- Cylinder Type: Euro profile (supplied separately)
- Stainless steel round knob on rose, with escutcheon: 50mm dia

Finish:

- SS - Stainless Steel finish



Technical Design:



C-Series Mortice

3G110

5 Detainer Mortice Deadlock



Application:

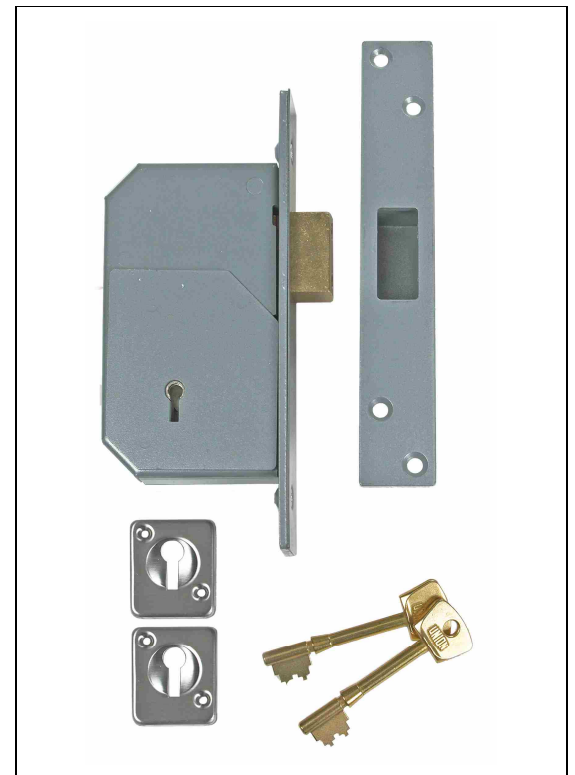
- For timber door hinged on the left or the right
- Keys are suitable for use on doors up to 50mm thick
- Detainer style locks provide a higher number of key combinations than lever locks

Specification:

- Deadbolt is locked or unlocked by key from either side
- Force resistant, anti drill, anti-pick and anti-saw security features
- Available with square forend and striking plate
- 14mm bolt throw
- Can be supplied on patented RKS key section to prevent illicit copying
- Case Size: 73mm
- Backset: 44mm
- Case: Silver powder coated
- Forend: Stainless steel or brass
- Box Strike Assembly: Painted to match forend
- Deadbolt: Brass, with hardened steel rollers
- Keying Groups: Standard differ, to pass or masterkeyable with other detainer locks
- Keys Supplied: Standard differ supplied with 2 keys. For locks to pass or master keyed please specify number of keys required
- Key Blank Number:
 - B-K521-S (Standard)
 - B-K748 (RKS)
- Cut Key Number:
 - B-DET-STD (Standard Differ)
 - B-DET-SK-1.500 (Servant Key)
 - B-DET-MK-1.500 (Master Key)
- Rebate Kit: B-3G110R (13mm, 19mm and 25mm)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish



Standards:

EN 1634-1 assessed for use on 60 minutes timber fire doors



C-Series Mortice

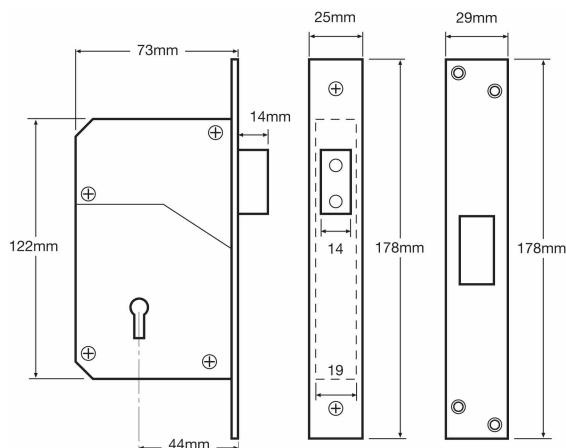
3G110

5 Detainer Mortice Deadlock



ASSA ABLOY

Technical Design:



Euro Profile Mortice

L2049

Euro Profile Horizontal Mortice Lock



ASSA ABLOY

Application:

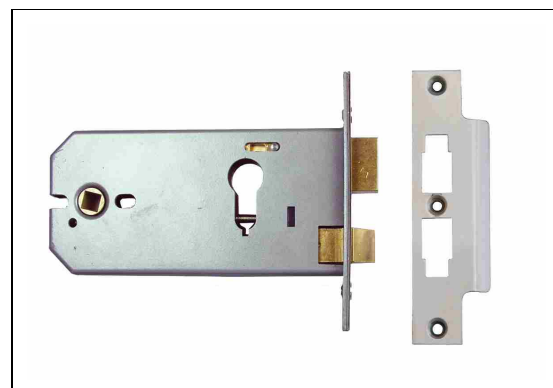
- For timber doors hinged on the left or right
- Also suitable for steel & composite doors - special fixings required

Specification:

- Deadbolt is locked or unlocked by euro profile cylinder key or cylinder turn - eg 2X19
- Latch bolt is withdrawn by knob or sprung lever handle from either side
- Reversible latch bolt
- Pierced to accept bolt through furniture
- Available with square forend and striking plate
- **Case Size: 149mm (6")**
- Backset: 51mm cylinder. 127mm follower
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match outer forend
- Deadbolt: Brass with hardened steel rollers
- Latch Bolt: Brass, reversible
- Follower: 8mm square. Two way action,
- Rebate Kit: 2939 (13mm, 19mm or 25mm)
- Cylinder Type: Euro profile (not supplied)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

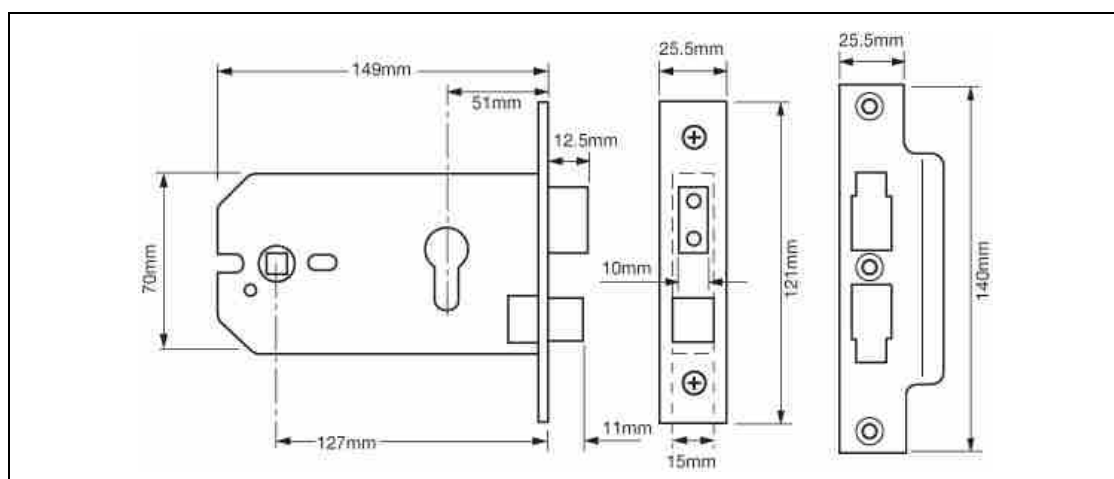


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Euro Profile Mortice

L2249

Euro Profile Mortice Sash Lock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors - special fixings required

Specification:

- Modular case range
- Deadbolt is locked or unlocked by euro profile cylinder
- Latch bolt can be withdrawn by lever handle
- Pierced to accept bolt through furniture
- Reversible latch bolt
- Available with square forend and striking plate
- Case Size: 65mm (2.5") or 77.5mm (3")
- Backset: 44.5mm or 57mm
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass with hardened steel rollers
- Latch Bolt: Brass, reversible
- Follower: Brass, 8mm square
- Rebate Kit: 2979 (13mm, 19mm or 25mm)
- Cylinder Type: 2X19 euro profile cylinder supplied separately

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

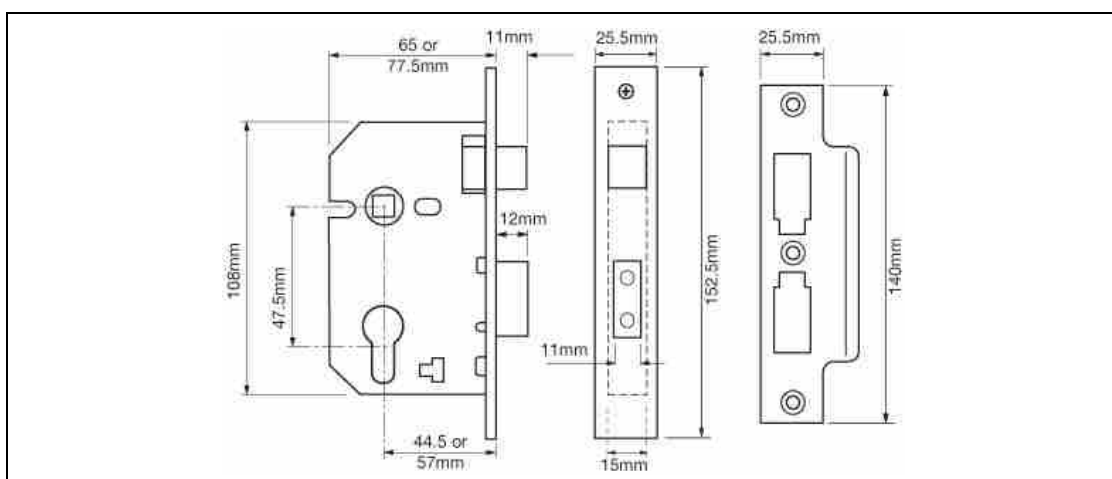


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Euro Profile Mortice

L2149

Euro Profile Mortice Deadlock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors - special fixings required

Specification:

- Modular case range
- Deadbolt is locked or unlocked by euro profile cylinder
- Available with square forend and striking plate
- Case Size: 65mm (2.5") or 77.5mm (3")
- Backset: 44.5mm or 57mm
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match outer forend
- Deadbolt: Brass with hardened steel rollers
- Latch Bolt: n/a
- Follower: n/a
- Rebate Kit: 2919 (13mm, 19mm or 25mm)
- Cylinder Type: 2X19 euro profile cylinder supplied separately

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

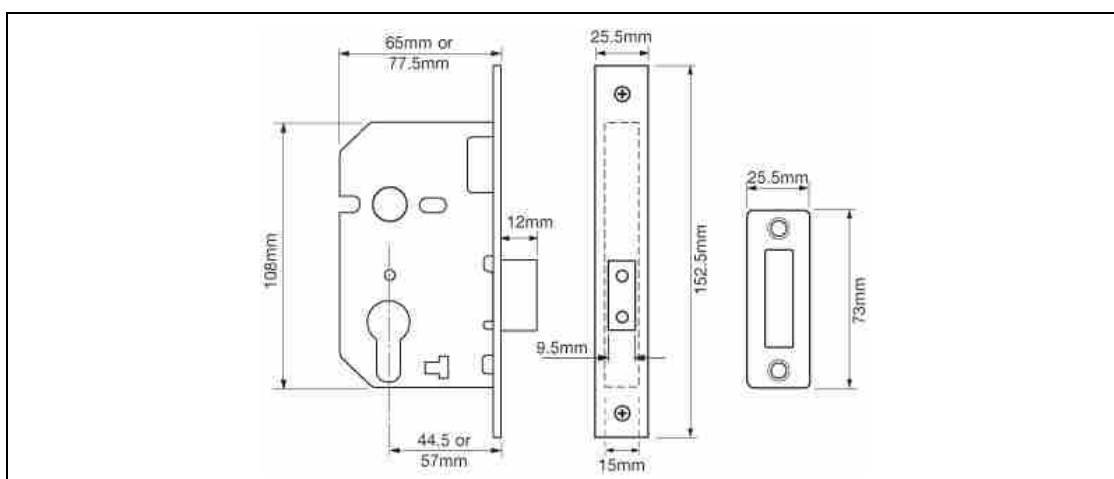


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Oval Profile Mortice

L2241

Oval Profile Mortice Sash Lock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Also suitable for steel & composite doors - special fixings required

Specification:

- Modular case range
- Deadbolt is locked or unlocked by oval cylinder
- Latch bolt withdrawn by lever handle
- Pierced to accept bolt through furniture
- Reversible latch bolt
- Available with square forend and striking plate
- Case Size: 65mm (2.5"), 77.5mm (3"), or 103mm (4")
- Backset: 44.5mm, 57mm or 82.5mm
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass with hardened steel rollers
- Latch Bolt: Brass, reversible
- Follower: Brass, 8mm square
- Rebate Kit: 2979 (13mm, 19mm or 25mm)
- Cylinder type: 2X13 oval profile cylinder supplied separately

Finish:

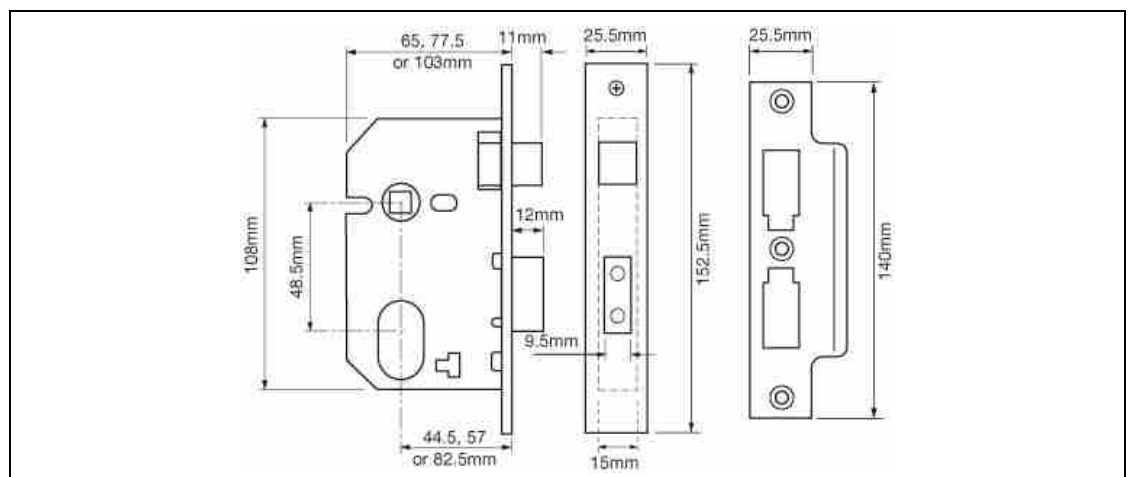
- SC - Satin Chrome finish
- PL - Polished Brass finish

Technical Design:



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Oval Profile Mortice

L2141

Oval Profile Mortice Deadlock



ASSA ABLOY

Application:

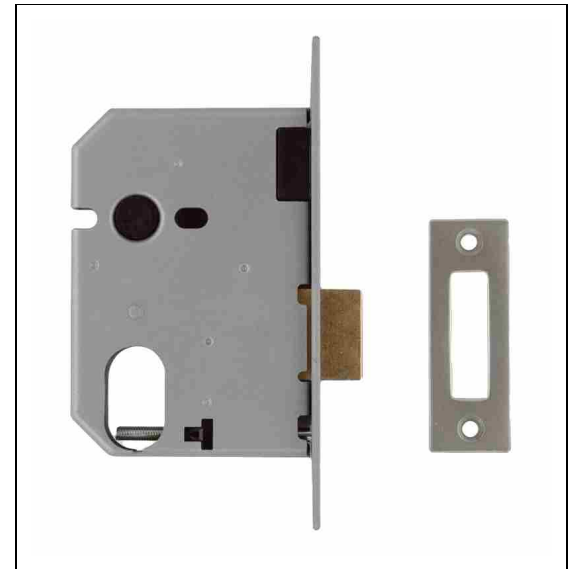
- For timber doors hinged on the left or right
- Also suitable for steel & composite doors - special fixings required
- Three different case sizes available

Specification:

- Modular case range
- Deadbolt is locked or unlocked by oval cylinder key or cylinder turn
- Available with square forend and striking plate
- Case Size: 65mm (2.5") or 77.5mm (3") or, L2141 - 103mm (4")
- Backset: 44.5mm, 57mm or 82.5mm
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match outer forend
- Deadbolt: Brass with hardened steel rollers
- Latch Bolt: n/a
- Follower: 8mm square. One way action
- Rebate Kit: 2919 (13mm, 19mm or 25mm)
- Cylinder type: 2X13 oval profile cylinder supplied separately

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

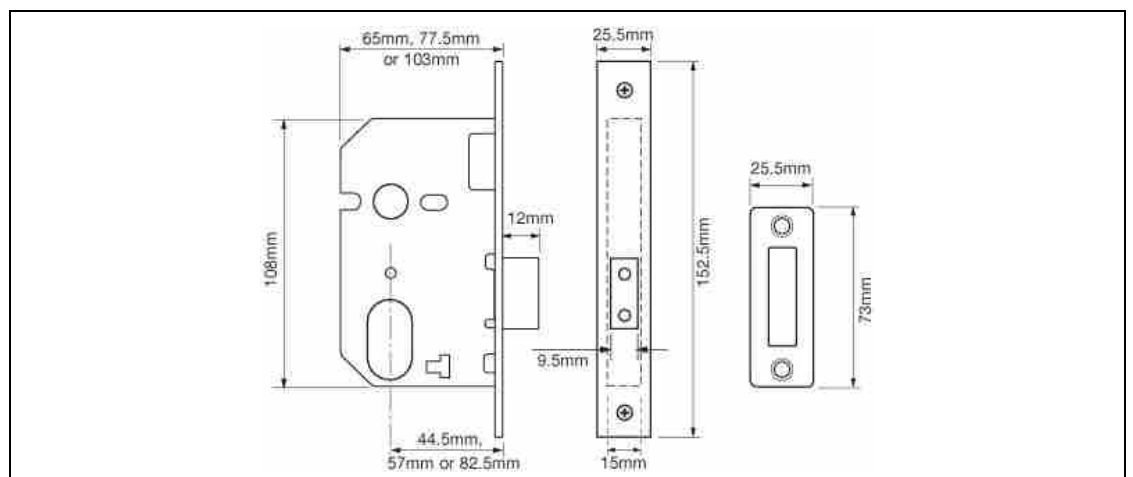


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Oval Profile Mortice

L2441

Oval Profile Mortice Sliding Door Lock



ASSA ABLOY

Application:

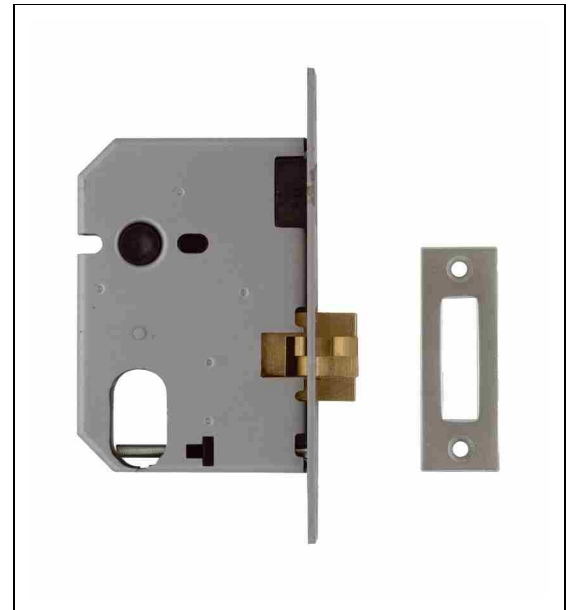
- For timber sliding doors, sliding from the left or right
- Also suitable for steel & composite doors - special fixings required

Specification:

- Deadbolt locked or unlocked by oval cylinder
- Expanding claw bolt
- Available with square forend and striking plate
- Case Size: 77.5mm (3")
- Backset: 57mm
- Case: Steel, silver powder coat
- Outer Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, expanding claw
- Latch Bolt: n/a
- Follower: n/a
- Rebate Kit: 2919 (13mm, 19mm or 25mm)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

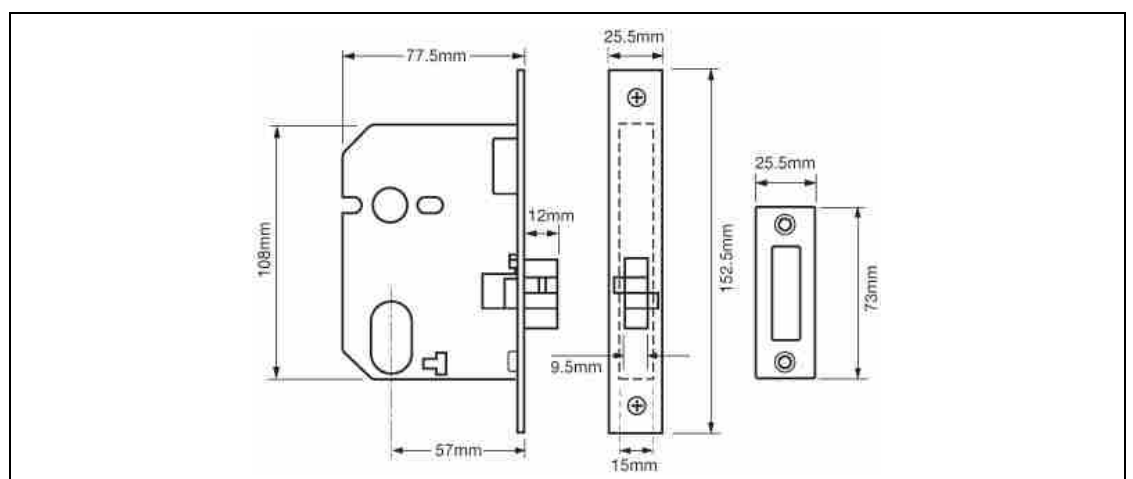


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



3 Lever Mortice

2037

3 Lever Horizontal Mortice Lock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Keys are suitable for use on doors up to 54mm thick

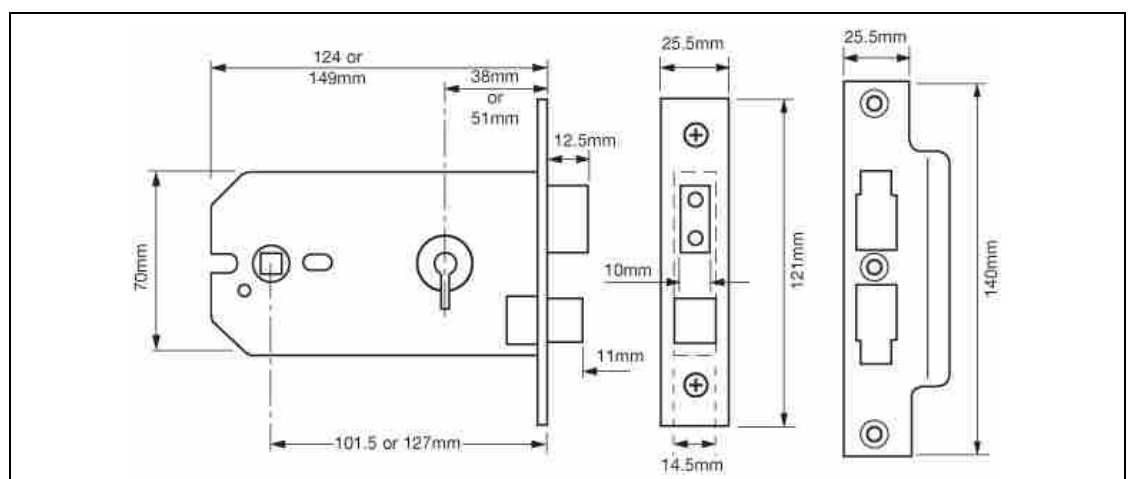
Specification:

- Deadbolt locked/unlocked by key from either side
- Latch bolt withdrawn by knob or sprung lever handle from either side
- Two way action, suitable for knobs or sprung lever handle (not suitable for unsprung lever handles)
- Pierced to accept bolt through furniture
- May be keyed alike with 2137 and 2237
- Reversible latch bolt
- Available with square forend & striking plate
- Case Size: 124mm (5") or 149mm (6")
- Backset: 38mm or 51mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, with hardened steel rollers
- Latch Bolt: Brass, easily reversible
- Follower: 8mm square. Two way action
- Rebate Kit: 2939 (13mm, 19mm or 25mm)
- Keying Groups: May be supplied to pass & master keyed. Supplied with 2 steel nickel plated keys
- Key Blank Number: KB483
- Keying: 500 standard differs (numbers from M1001R to M1500R)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

Technical Design:



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



3 Lever Mortice

2077

3 Lever Horizontal Mortice Lock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Keys suitable for use on doors up to 54mm thick

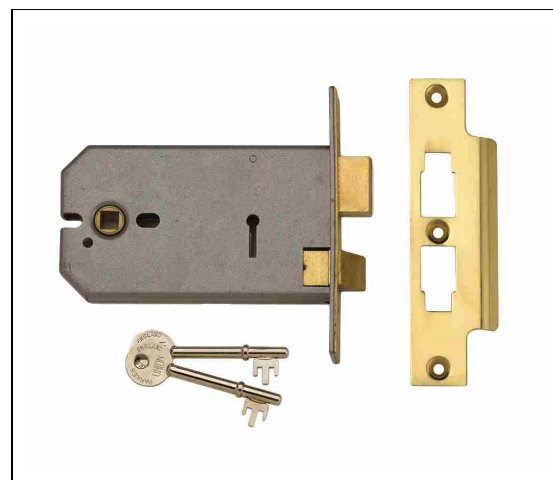
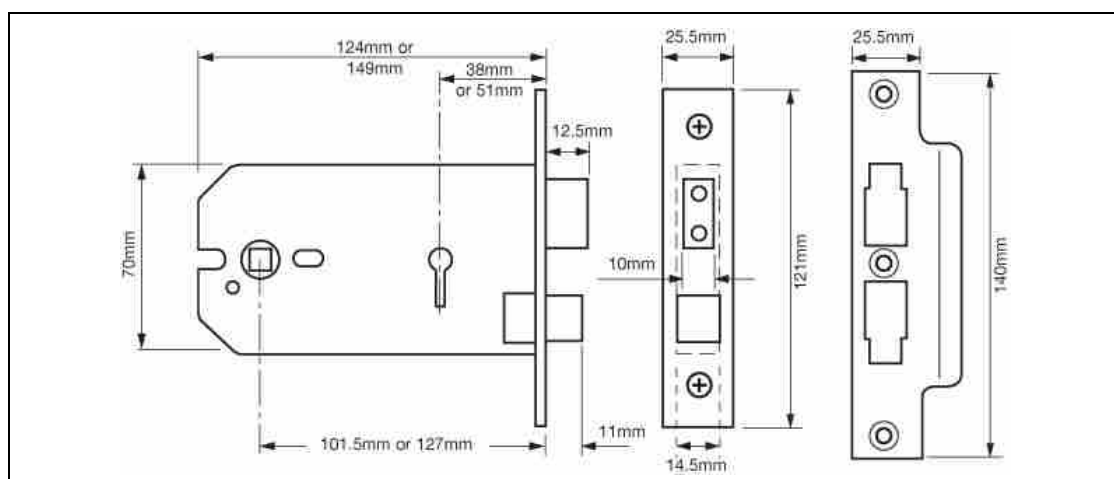
Specification:

- Deadbolt locked or unlocked by key from either side
- Latch bolt withdrawn by knob or sprung lever handle from either side
- Two way action, suitable for knobs or sprung lever handles
- Pierced to accept bolt through furniture
- May be keyed alike with 2157, 2177, 2277 & 2477
- NB: Not suitable for master keying
- Reversible latch bolt
- Available with square forend and striking plate
- Case Size: 124mm (5") or 149mm (6")
- Backset: 38mm or 51mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, with hardened steel rollers
- Latch Bolt: Brass, easily reversible
- Follower: 8mm square. Two way action
- Rebate Kit: 2939 (13mm, 19mm or 25mm)
- Keying Groups: May be supplied to pass. Supplied with 2 steel nickel plated keys
- Key Blank Number: KB436
- Keying: 100 standard differs, (numbers M101M - M200M)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

Technical Design:



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



3 Lever Mortice

2177

3 Lever Mortice Deadlock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Keys are suitable for use on doors up to 54mm thick

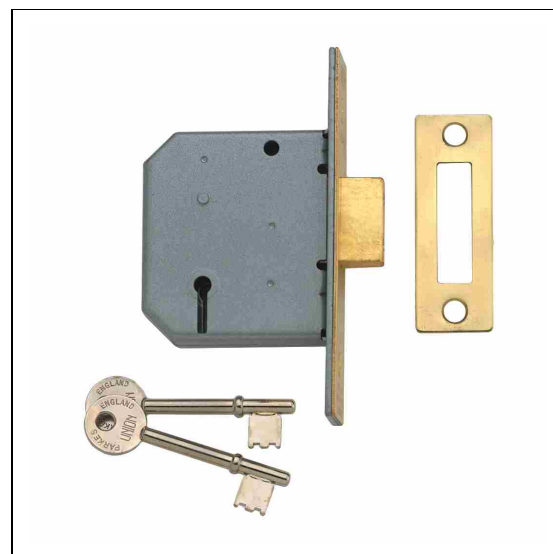
Specification:

- Deadbolt locked/unlocked by key from either side
- May be keyed alike with 2077, 2157, 2277 and 2477
- NB: Not suitable for master keying
- Available with square forend & striking plate
- Case Size: 65mm (2.5") or 77.5mm (3")
- Backset: 44.5mm or 57mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, with hardened steel rollers
- Latch Bolt: n/a
- Follower: n/a
- Rebate Kit: 2969 (13mm, 19mm or 25mm)
- Keying Groups: May be supplied to pass, differ and keyed alike. Supplied with 2 steel nickel plated keys
- Key Blank Number: KB436
- Keying: 100 standard differs (numbers M101M - M200M)

Finish:

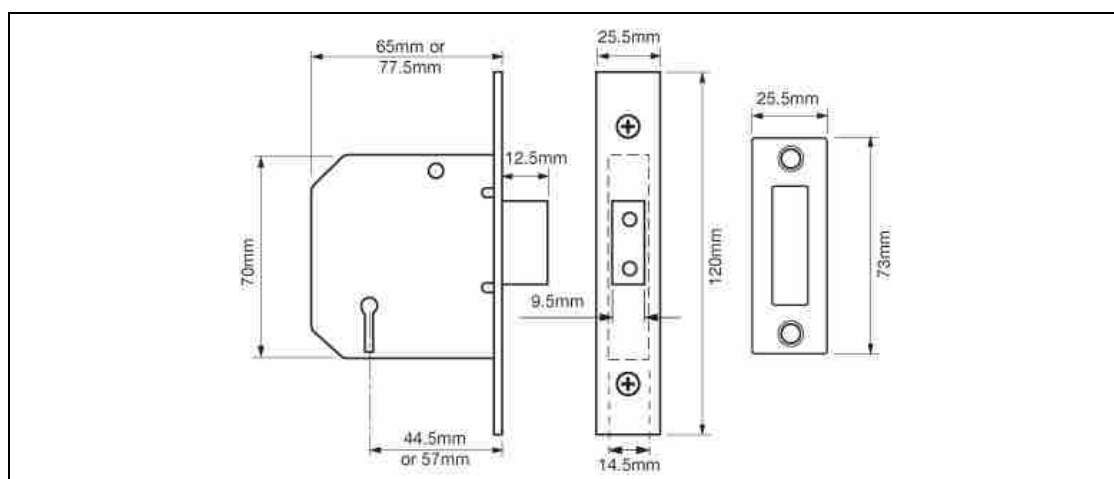
- SC - Satin Chrome finish
- PL - Polished Brass finish

Technical Design:



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



3 Lever Mortice

2277

3 Lever Mortice Sash Lock



ASSA ABLOY

Application:

- For timber doors hinged on the left or right
- Keys are suitable for use on doors up to 54mm thick

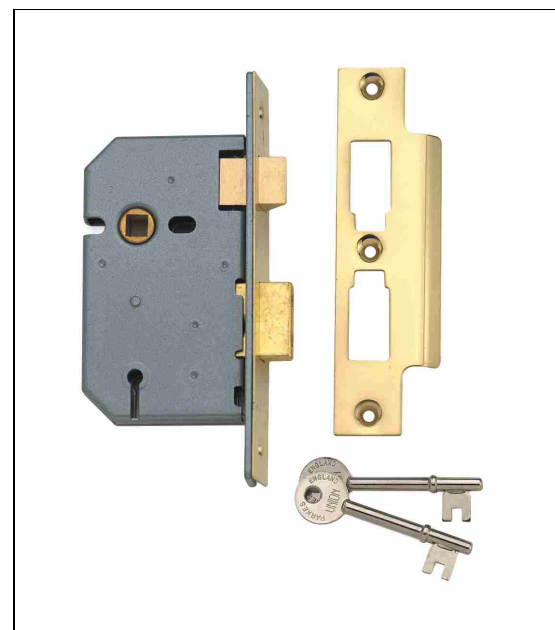
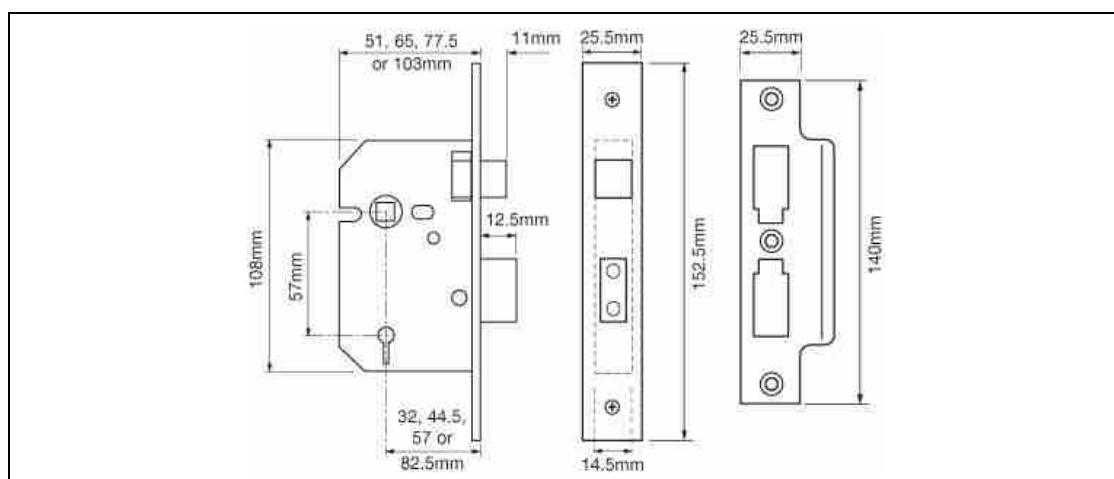
Specification:

- Deadbolt locked or unlocked by key from either side
- Latch bolt withdrawn by lever handle from either side
- May be keyed alike with 2077, 2157, 2177 and 2477 (not 51mm case)
- Pierced to accept bolt through furniture
- NB: Not suitable for master keying
- Reversible latch bolt
- Available with square forend and striking plate
- Case Size: 51mm (2"), 65mm (2.5"), 77.5mm (3"), or 103mm (4")
- Backset: 32mm, 44.5mm, 57mm or 82.5mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, hardened steel rollers
- Latch Bolt: Brass, reversible
- Follower: Brass, 8mm square
- Rebate Kit: 2979 (13mm, 19mm or 25mm)
- Keying Groups: May be supplied to pass, differ and keyed alike with 2077, 2157, 2177 and 2477. Supplied with 2 steel nickel plated keys
- Key Blank Number: KB436
- Keying:
 - 2" = 36 standard differs (M1M - M36M)
 - 2.5", 3" & 4" = 100 standard differs (M101M - M200M)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish
- CH - Polished Chrome finish (2.5" only)

Technical Design:



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



3 Lever Mortice

2426

3 Lever Sliding Bathroom Lock



ASSA ABLOY

Application:

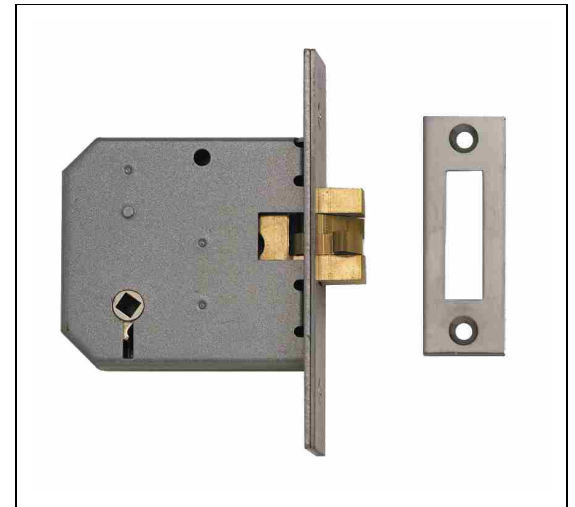
- For timber doors sliding from the left or right, requiring turn & emergency release functions

Specification:

- Locked or unlocked by separate turn from inside
- Unlocked by separate emergency release from outside
- Available with square forend & locking plate
- Case Size: 77.5mm (3")
- Backset: 57mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, expanding claw
- Latch Bolt: n/a
- Follower: 5mm square
- Rebate Kit: 2969 (13mm, 19mm or 25mm)

Finish:

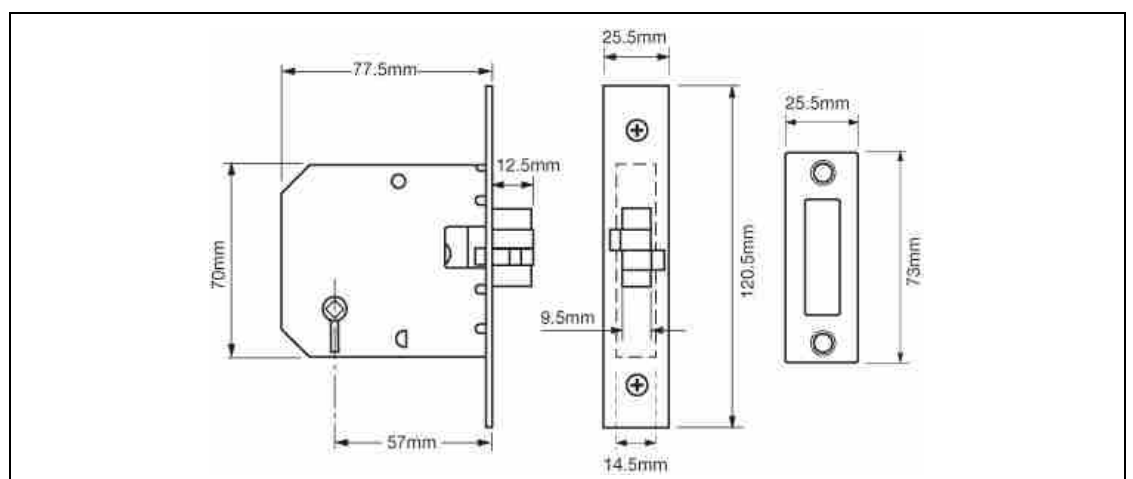
- SC - Satin Chrome finish
- PL - Polished Brass finish



Standards:



Technical Design:



3 Lever Mortice

2477

3 Lever Sliding Mortice Deadlock



ASSA ABLOY

Application:

- For timber doors sliding from the left or right & requiring key operation only
- Suitable for use on doors up to 54mm thick

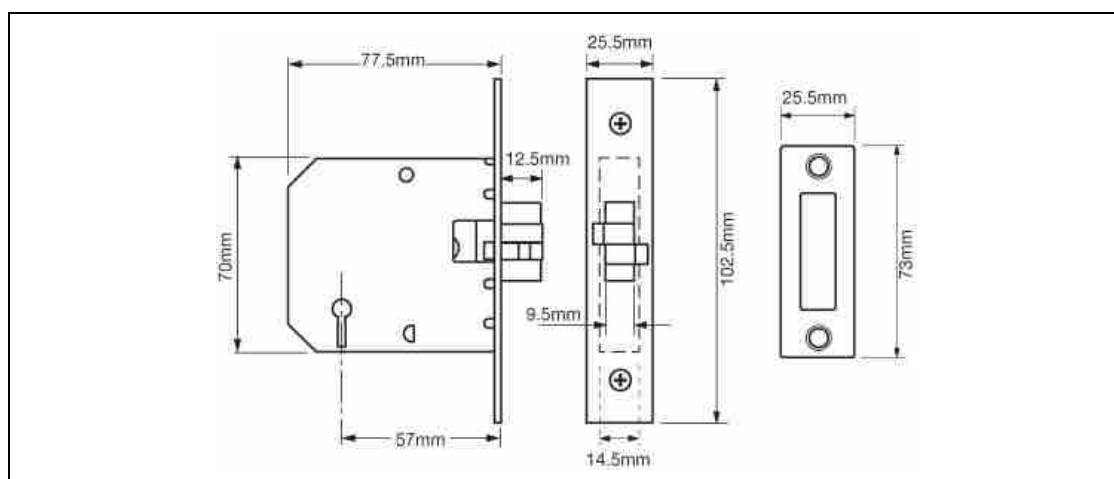
Specification:

- Locked or unlocked by key from either side
- Available with square forend and striking plate
- Case Size: 77.5mm (3")
- Backset: 57mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Deadbolt: Brass, expanding claw
- Latch Bolt: n/a
- Follower: n/a
- Rebate Kit: 2969 (13mm, 19mm or 25mm)
- Keying Groups: May be supplied to pass, differ & keyed alike with 2077, 2157, 2177 and 2277. Supplied with 2 steel nickel plated keys. NB: Not suitable for master keying
- Key Blank Number: KB436
- Keying: 100 standard differs (numbers M101M - M200M)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

Technical Design:



Standards:



Bathroom Locks and Latches

2294

Mortice Bathroom Lock



ASSA ABLOY

Application:

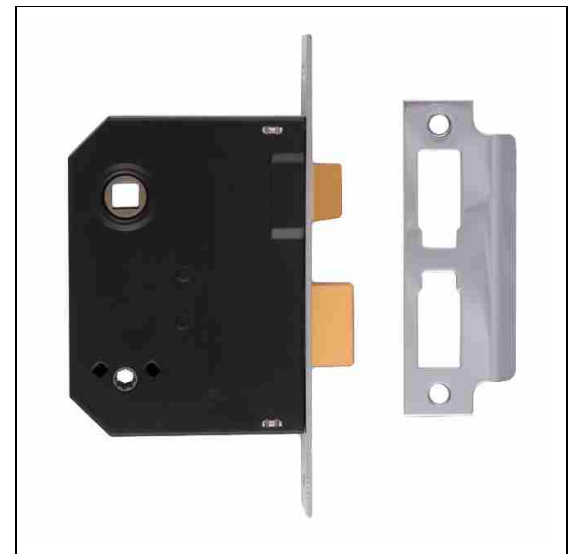
- For timber doors hinged on left or right & requiring turn & emergency release functions

Specification:

- Deadbolt locked or unlocked by separate turn from inside
- Deadbolt unlocked by separate emergency release from outside
- Latch bolt withdrawn by lever handle from either side
- Reversible latch bolt
- Two way action suitable for lightweight knobs or sprung handles
- Not suitable for unsprung lever handles
- NB: Not suitable for bolt through fixing
- Available with square forend and striking plate
- Case Size: 63mm (2.5") or 76mm (3")
- Backset: 44.5mm or 57mm
- Case: Steel, black powder coat
- Forend: Chrome or brass finish
- Striking Plate: Finished to match forend
- Deadbolt: Zinc alloy
- Latch Bolt: Zinc alloy
- Follower: 8mm square, 5mm turn follower

Finish:

- CH - Chrome finish
- PL - Polished brass finish

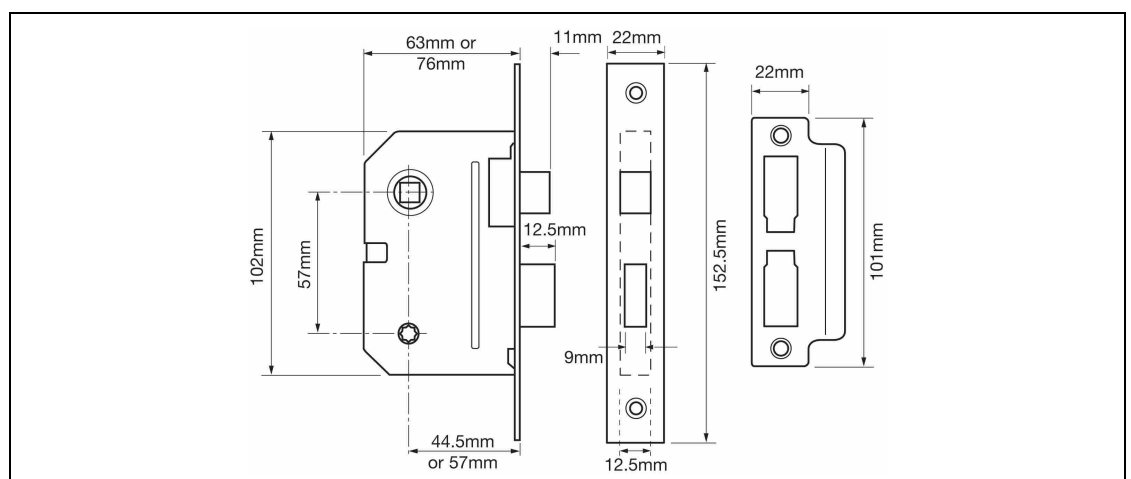


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Bathroom Locks and Latches

2648 / 2650

Mortice Latch



ASSA ABLOY

Application:

- For timber doors hinged on left or right & requiring lever handle operation

Specification:

- Latch bolt withdrawn by sprung lever handle from either side
- Not suitable for use with unsprung lever handles
- Two way action
- 2650 - rebated mortice latch (suitable for 13mm rebate)
- Available with square forend and striking plate
- Case Size: 64.5mm (2.5"), 80mm (3") or 91.5mm (3.5")
- Backset: 44.5mm, 57mm or 82.5mm
- Case: Steel, galvanised
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Latch Bolt: Black, plastic construction
- Follower: 8mm square
- Rebate Kit: Fixed 13mm rebate on 2650

Finish:

- 2648
SE - Silver Enamel finish PL - Polished Brass finish
- 2650
EB - Electro Brass finish SE - Silver Enamel finish

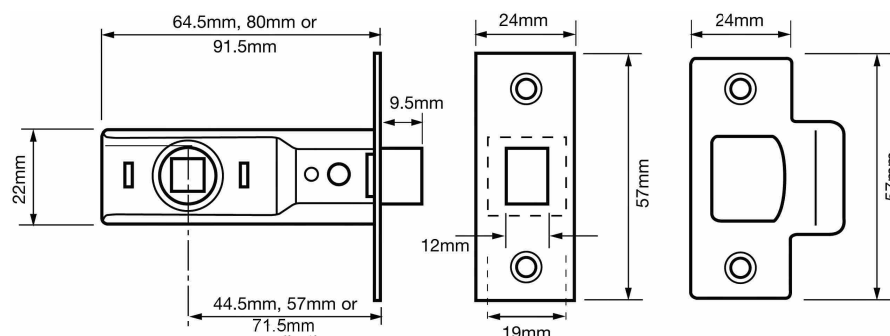


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Bathroom Locks and Latches

2677

Mortice Latch



ASSA ABLOY

Application:

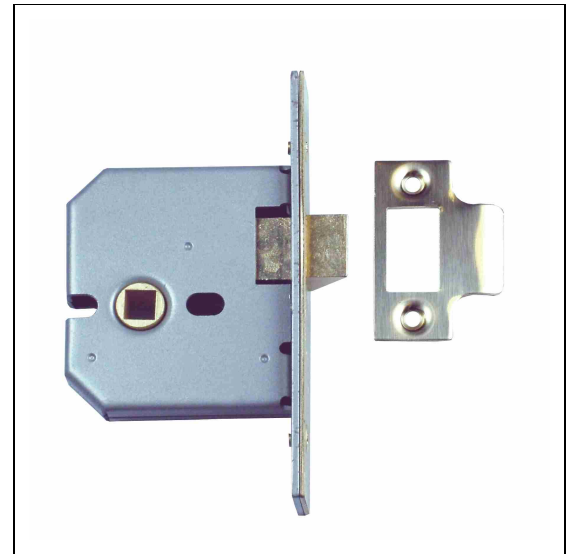
- For timber doors hinged on left or right & requiring lever handle operation

Specification:

- Latch bolt withdrawn by sprung lever handle from either side
- Reversible latch bolt
- Pierced to accept bolt through furniture
- Available with square forend and striking plate
- Case Size: 65mm (2") or 77.5mm (3")
- Backset: 44mm or 57mm
- Case: Steel, silver powder coat
- Forend: Stainless steel or brass
- Striking Plate: Finished to match forend
- Latch Bolt: Brass, easily reversible
- Follower: 8mm square
- Rebate Kit: 2992 (13mm, 19mm or 25mm)

Finish:

- SC - Satin Chrome finish
- PL - Polished Brass finish

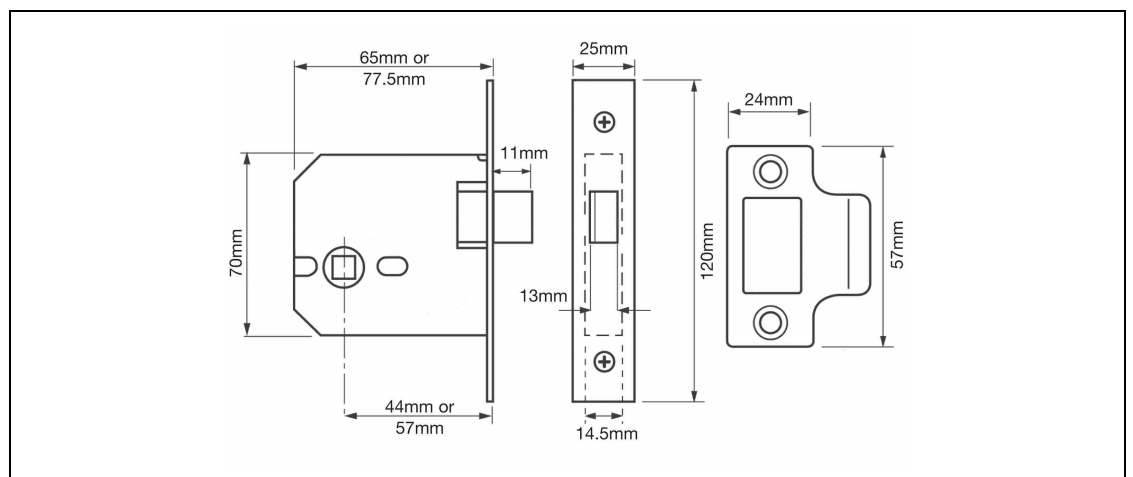


Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Specialist

22931 / 22934

4 Lever Metal Casement Lock



ASSA ABLOY

Application:

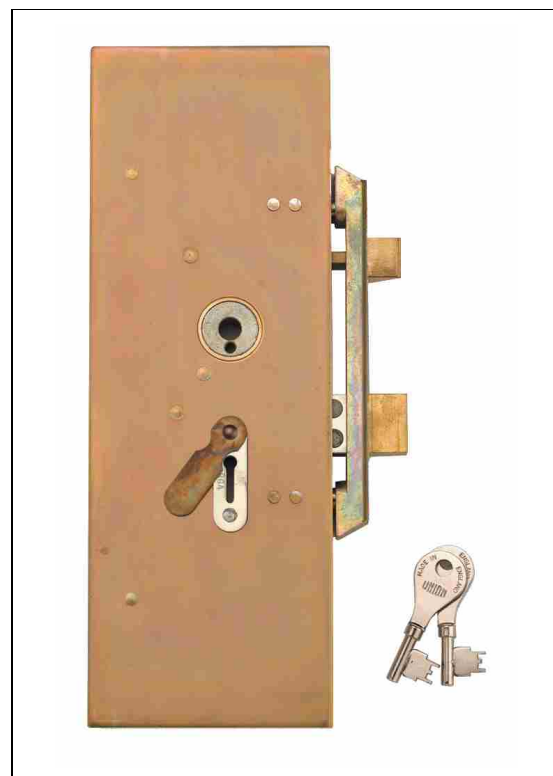
- For use on metal casement doors and steel gates

Specification:

- Deadbolt locked or unlocked by key from either side
- Latch bolt withdrawn by lever handle
- Non-reversible - hand must be stated when ordering
- Case Size: 102mm
- Backset: 62mm
- Case: Steel
- Forend: Zinc
- Striking Plate: Finished to match forend
- Deadbolt: Brass
- Latch Bolt: Brass
- Follower: Round
- Keying Groups: 2 steel keys
- Key Blank Number: KB441.
- **NB:** Lock only supplied as standard differ
- Keying: 150 standard differs (BGA101-BGA250)

Finish:

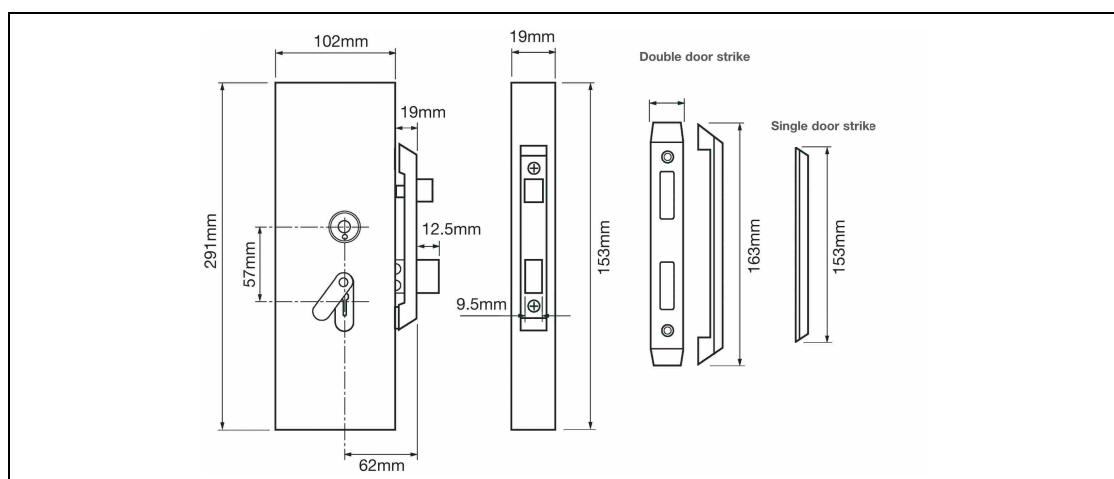
- ZP - Zinc Plated (Case)
- IB - Imitation Bronze (Escutcheon)



Standards:



Technical Design:



Specialist

22931 / 22934

4 Lever Metal Casement Lock



ASSA ABLOY

Left Hand Opening Out



Outside 22934

Right Hand Opening Out



Outside 22931

Heavy Duty Tubular Latch

HD26

Heavy Duty Tubular Latch



ASSA ABLOY

Application:

- Heavy duty tubular latch for doors hinged on the left or right
- Latch bolt withdrawn by the lever handle from either side
- Both 2.5" and 3" cases pierced to accept bolt through furniture
- Bolt through fixings allows a more secure, longstanding fixing of door furniture overtime when compared to handles fixed with woodscrews
- Suitable for sprung and light unsprung lever furniture, can also be used with knob furniture

Specification:

- Profiled bevelled latch bolt for smooth and positive engagement during operation
- Two piece forend supplied with a dual finish in stainless steel and polished brass finish
- Double sprung allowing universal handing
- Available with radiused or square forend and strike
- Supplied with an adjustable formed strike complete with a splinter guard for a professional finish
- Case Size: 2.5" (70mm) and 3" (82mm)
- Backset: 45mm and 57mm
- Case: Steel, galvanised
- Inner Forend: Steel, radius
- Outer Forend: Dual finish supplied with both Stainless steel and Polished Brass finish
- Striking Plate: Adjustable, dual finish supplied with both Stainless steel and Polished Brass finish
- Splinter Guard: Black plastic
- Latch Bolt: Zinc, brass appearance
- Follower: 8mm cast steel

Finish:

- Dual finish supplied with both SS (Stainless Steel) and PB (Polished Brass finish)



TUBULAR | HD™

Standards:

- Tested to BS EN 12209:2003

2	M	4	1	0	F	-	B	0	2	0
---	---	---	---	---	---	---	---	---	---	---
- EN 1634-1 assessed for use on 30 and 60 minutes timber fire doors
- CE Marked: EC Certificate 0086-CPR-633283
- DoP: 101MLB which can be found at www.uniononline.co.uk/DoP
- In addition to EN12209 requirements HD Tubular Latches have been cycle tested for over 1 million cycles through the follower and slam tested on the latch



Heavy Duty Tubular Latch

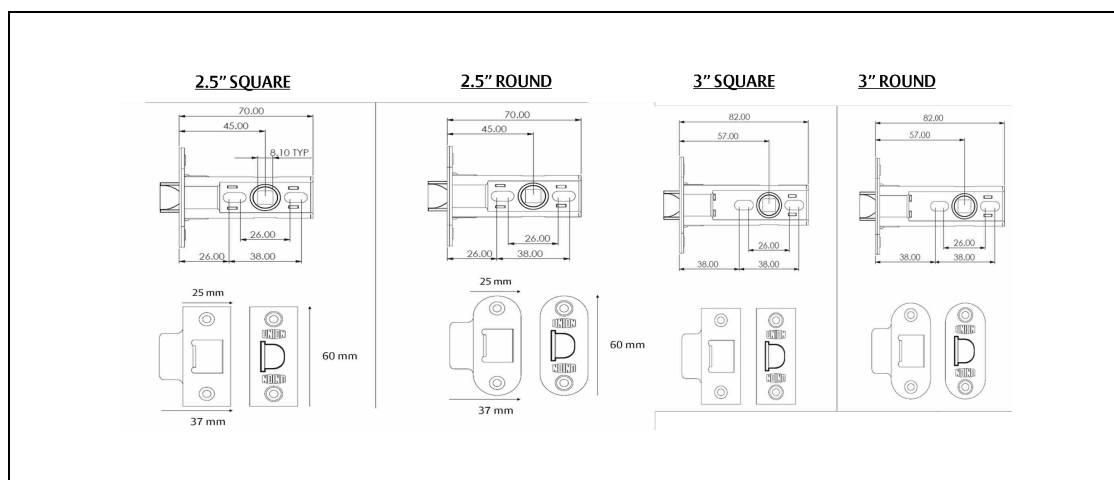
HD26

Heavy Duty Tubular Latch



ASSA ABLOY

Technical Design:



Padlocks



UNION offer a range of padlocks covering all levels of security, suitable for both commercial and domestic use. A number of considerations should be taken into account in order to select the most suitable padlock for your application. Please contact UNION Customer Services for further advice.

Security

Low to high security padlocks available to suit most applications

Shackle Type

- Standard open shackle used for most applications
- Extended shackle offers greater clearance from the body, which may be required in certain applications
- Closed shackle where the body of the padlock is extended to cover the shackle providing greater protection against a shackle attack.

Materials

Padlock shackles and bodies are manufactured from a variety of materials to give the correct balance of strength, hardness and corrosion protection for its particular application.

Ball Locking

UNION High Security padlocks feature a ball locking mechanism, which is amongst the most secure locking mechanisms available. Hardened steel ball bearings are pushed outwards to engage with round indents on the shackle. This type of mechanism offers extreme resistance to torsion and pull attack.

Key Retention

UNION padlocks are all unlocked using a key. Some can be snaplocked without the need for a key, whilst others will require the key for locking as well as unlocking.

Key Control Systems

Padlocks can be supplied individually keyed, keyed alike, keyed to pass or masterkeyed. UNION standard padlocks are compatible with the UNION traditional cylinder system. UNION high security padlocks are compatible with a number of UNION cylinder systems. See individual product pages for details.

Finishes

UNION standard padlocks are available in brass body finish. UNION High Security padlocks are available in mirror chrome finish. See individual product pages for details.



Padlocks

Padlocks Look Up Table



ASSA ABLOY

The following table is a comprehensive guide to the key features and functions of all available UNION padlocks. For more details please see the individual product page or contact your local UNION office.

	Code	Application	Body Width	Available Body material		Shackle Material	Available Shackle types				Available Cylinder Types	Available Keying Groups	Comments
				Brass	Hardened Steel		Std Open	Long Open	Extra Long open	Closed			
High Security / Commercial Applications	SH50BO/SO	High security commercial / utilities	55mm	✓	✓	Hardened boron steel	✓				5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH50BLS	High security commercial / utilities	55mm	✓	✓	Hardened boron steel		✓			5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH60BO/SO	High security commercial / utilities	60mm	✓	✓	Hardened boron steel	✓				5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH60BLS/SLS	High security commercial / utilities	60mm	✓	✓	Hardened boron steel		✓			5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH60SC	High security commercial / utilities	60mm		✓	Hardened boron steel				✓	5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH70BO/SO	High security commercial / utilities	70mm	✓	✓	Hardened boron steel	✓				5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	SH70SC	High security commercial / utilities	70mm		✓	Hardened boron steel				✓	5 pin, 6 pin, keyULTRA™	KD, KA, KP, MK	
	22.044	High security commercial / utilities	72mm		✓	Hardened boron steel	✓				KESO	KD, KA, KP, MK	Keys are supplied separately
	22.043	High security commercial / utilities	57mm	✓		Hardened boron steel	✓				KESO	KD, KA, KP, MK	Keys are supplied separately
	22.042	High security commercial / utilities	48mm	✓		Hardened boron steel	✓				KESO	KD, KA, KP, MK	Keys are supplied separately
	22.037	High security commercial / utilities	42mm	✓		Hardened boron steel	✓	✓			KESO	KD, KA, KP, MK	Keys are supplied separately
	K10S711	High security commercial / utilities	63mm		✓	Steel	✓				KESO	KD, KA, KP, MK	Keys are supplied separately
	1K12	High Security	68mm		✓	Hardened Steel				✓	C-Series 6 Pin	KD, KA, KP	Supplied with 2 keys
	1K22	High Security	68mm		✓	Hardened Steel	✓				C-Series 6 Pin	KD, KA, KP	Supplied with 2 keys
	1K57	High Security	69mm		✓	Hardened Steel				✓	C-Series 6 Pin, AVA	KD, KA, KP, MK	KD 6 Pin supplied with 2 keys / KD AVA 3 keys
Security Applications	1K11	Security	65mm		Steel	Hardened Steel				✓	6 Lever Mechanism	KD, KA, KP, MK	KD supplied with 3 keys
	1K21	Security	74mm		Laminated Steel	Hardened Steel				✓	5 Lever Mechanism	KD, KA, KP, MK	KD supplied with 2 keys

Padlocks

Padlocks Look Up Table



ASSA ABLOY

	Code	Application	Body Width	Available Body material		Shackle Material	Available Shackle types				Available Cylinder Types	Available Keying Groups	Comments
				Brass	Hardened Steel		Std Open	Long Open	Extra Long open	Closed			
Premium Security / General use	1K42	General Security	50mm	✓		Hardened Steel	✓				AVA	KD, KA, KP, MK	High picking and manipulation protection. KD supplied with 2 keys
	3122	General use	39.5mm (1.5") 52mm (2") 63.5mm (2.5")	✓		Hardened boron steel, chrome finish	✓	✓	✓		5 Pin	KD, KA, KP, MK	Some exceptions to keying groups, please see individual product page for full details
	3142	General use	51mm	✓		Hardened boron steel, chrome finish				✓	5 Pin	KD, KA, KP, MK	
Standard Security / General Use	3152	General use	70mm	✓		Manganese bronze				✓	5 Pin	KD, KA, KP, MK	
	3102	General use	39.5mm (1.5") 52mm (2") 63.5mm (2.5")	✓		Manganese bronze	✓	✓	✓		5 Pin	KD, KA, KP, MK	Some exceptions to keying groups, please see individual product page for full details
	31022	General use	40mm	✓		Manganese bronze	✓	✓			5 Pin	KD, KA, KP, MK	
Low Security / General use	3104	General use	34mm	✓		Manganese bronze	✓	✓	✓		5 Pin	KD, KA, KP, MK	310441 - long shackle variant not available masterkeyed
	3170	General use	20mm - 60mm	✓		Steel	✓	✓			4 Pin	KD, KA, KP	

Keying Groups:

KD - Keyed to differ / standard differ / individually keyed

KA - Keyed alike

KP - Keyed to pass

MK - Master keyed

Number of Keys Supplied:

5 Pin / 6 Pin - 3 keys

keyULTRA™ - 2 keys

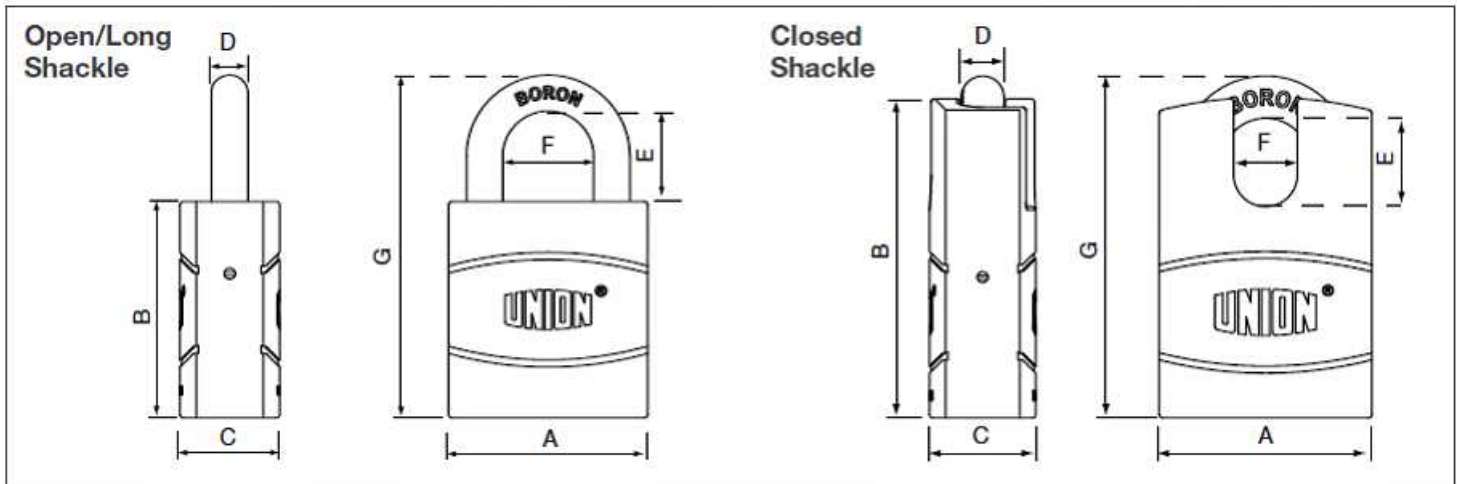
Padlocks

Padlocks Look Up Table



ASSA ABLOY

High Security Padlock Dimensions



Product Code	Material	Size	Cylinder System	Shackle	CEN Corrosion	CEN Security	Sold Secure	Padlock Dimensions (mm)						
								A	B	C	D	E	F	G
J-SH50BO-5P	Brass	55mm	5 Pin	Open	3	3	Bronze	55	60	27.5	10	25.1	25.1	95.1
J-SH50BO-6P			6 Pin		3	3	Bronze							
J-SH50BO-KU			KeyULTRA		3	3	Bronze							
J-SH50SO-5P	Steel	55mm	5 Pin	Open	3	3	Bronze	55	60	27.5	10	25.1	25.1	95.1
J-SH50SO-6P			6 Pin		3	4	Silver							
J-SH50SO-KU			KeyULTRA		3	4	Silver							
J-SH50BLS-5P	Brass	55mm	5 Pin	Long	3	3		55	60	27.5	10	50	25	120
J-SH50BLS-6P			6 Pin		3	3								
J-SH50BLS-KU			KeyULTRA		3	3								
J-SH50SLS-5P	Steel	55mm	5 Pin	Long	3	3		55	60	27.5	10	50	25	120
J-SH50SLS-KU			KeyULTRA		3	4								
J-SH60BO-5P	Brass	60mm	5 Pin	Open	3	3	Bronze	60	60	30	12	25.1	25.1	97
J-SH60BO-6P			6 Pin		3	3	Bronze							
J-SH60BO-KU			KeyULTRA		3	3	Bronze							
J-SH60SO-5P	Steel	60mm	5 Pin	Open	3	3	Bronze	60	60	30	12	25.1	25.1	97
J-SH60SO-6P			6 Pin		3	4	Silver							
J-SH60SO-KU			KeyULTRA		3	4	Silver							
J-SH60BLS-5P	Brass	60mm	5 Pin	Open	3	3		60	60	30	12	50	25	122
J-SH60BLS-6P			6 Pin		3	3								
J-SH60BLS-KU			KeyULTRA		3	3								
J-SH60SLS-5P	Steel	60mm	5 Pin	Open	3	3		60	60	30	12	50	25	122
J-SH60SLS-6P			6 Pin		3	4								
J-SH60SLS-KU			KeyULTRA		3	4								
J-SH60SC-5P	Steel	60mm	5 Pin	Closed	3	3	Bronze	60	90.6	30	12	25.1	18	97
J-SH60SC-6P			6 Pin		3	4	Silver							
J-SH60SC-KU			KeyULTRA		3	4	Silver							
J-SH70BO-5P	Brass	70mm	5 Pin	Open	3	3	Bronze	70	70	35	14	31.3	31	115
J-SH70BO-6P			6 Pin		3	3	Bronze							
J-SH70BO-KU			KeyULTRA		3	3	Bronze							
J-SH70SO-5P	Steel	70mm	5 Pin	Open	3	3	Bronze	70	70	35	14	31.3	31	115
J-SH70SO-6P			6 Pin		3	5	Gold							
J-SH70SO-KU			KeyULTRA		3	5	Gold							
J-SH70SC-5P	Steel	70mm	5 Pin	Closed	3	3	Bronze	70	108	35	14	31.3	19	115
J-SH70SC-6P			6 Pin		3	6	Gold							
J-SH70SC-KU			KeyULTRA		3	6	Gold							

Padlocks - High Security

SH50BO / SH50SO

High Security Padlocks



ASSA ABLOY

Application:

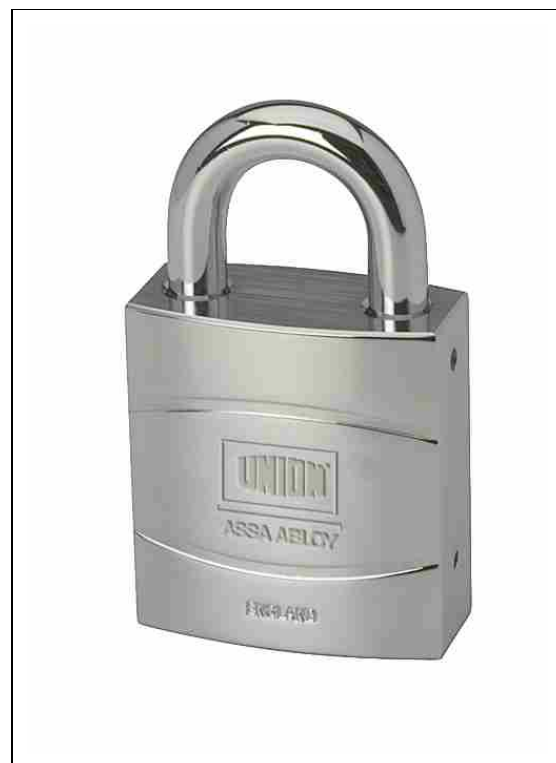
- Perimeter security/gates
- Outbuildings
- Warehouse/workshops
- Securing portable industrial equipment

Specification:

- 55mm Open Shackle
- Key operation to lock and unlock
- Key retention upon unlocking
- High-security padlock
- Open shackle design
- Double ball locking
- Body Width: 55mm
- Body Material: B - Brass or S Hardened Steel
- Shackle Material: Hardened boron steel
- Cylinder System: Models suitable for 5-pin, 6-pin, DTEC and KeyULTRA. Can also be supplied sub assembled (KT) minus plug and keys for assembly by DTEC Centres
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. 5 & 6 pin supplied with 3 steel nickel plated keys. DTEC keys supplied separately - please specify quantity of DTEC keys required when ordering KeyULTRA supplied with 2 nickel silver keys
- Key Blank: Dependant on key section required

Finish:

- Mirror chrome plated

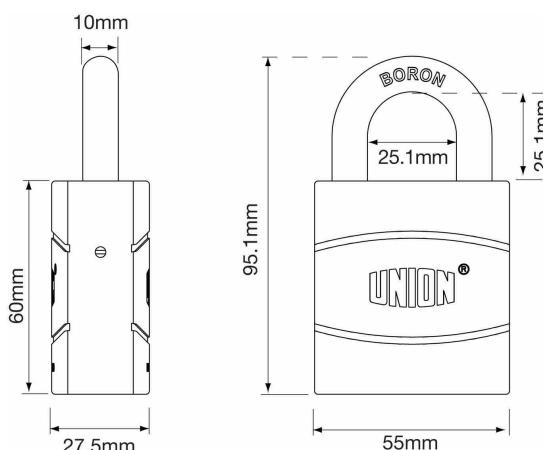


Standards:

- EN12320 - see matrix for classification
- EN1670 - 240 hours neutral salt spray test
- Sold Secure - see matrix for classification



Technical Design:



Padlocks - High Security

SH60SO

High Security Padlocks



ASSA ABLOY

Application:

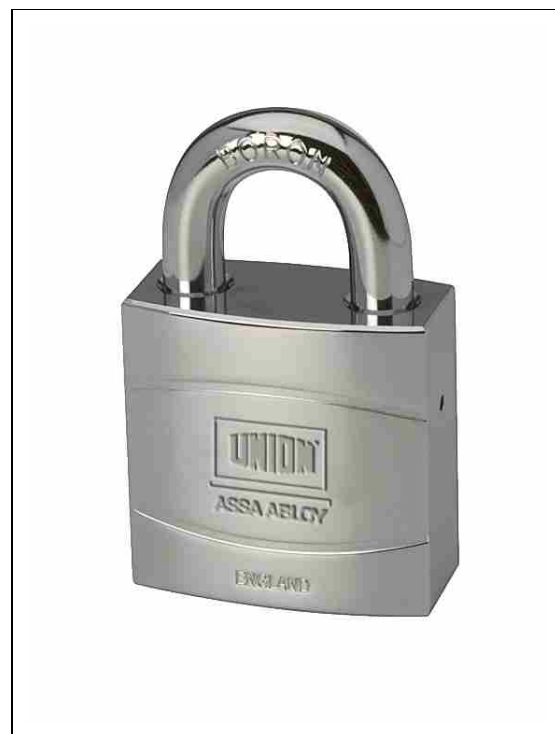
- Perimeter security/gates
- Outbuildings
- Warehouse/workshops
- Securing portable industrial equipment

Specification:

- 60mm Open Shackle
- Key required to lock and unlock
- Key retention upon unlocking
- High-security padlock
- Open shackle design
- Double ball locking
- Body Width: 60mm
- Body Material: Hardened Steel
- Shackle Material: Hardened boron steel
- Cylinder System:
Models suitable for 5-pin, 6-pin, DTEC and KeyULTRA. Can also be supplied sub assembled (KT) minus plug and keys for assembly by DTEC Centres
- Keying Groups:
May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. 5 & 6 pin supplied with 3 steel nickel plated keys. DTEC keys supplied separately - please specify quantity of DTEC keys required when ordering KeyULTRA supplied with 2 nickel silver keys
- Key Blank: Dependant on key section required

Finish:

- Mirror chrome plated

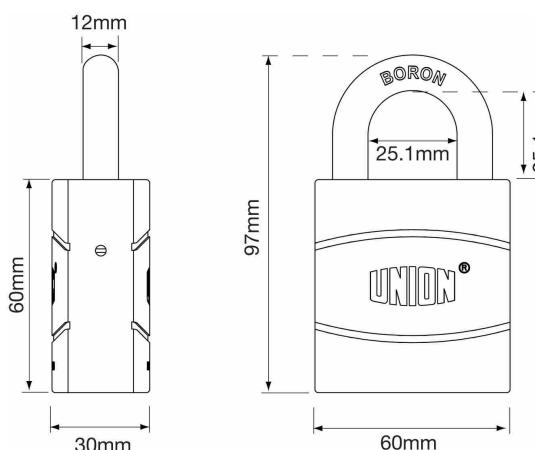


Standards:

- EN12320 - see matrix for classification
- EN1670 - 240 hours neutral salt spray test
- Sold Secure - see matrix for classification



Technical Design:



Padlocks - High Security

SH60SC

High Security Padlocks



ASSA ABLOY

Application:

- Perimeter security/gates
- Outbuildings
- Warehouse/workshops
- Securing portable industrial equipment

Specification:

- 60mm Close Shackle
- Key operation to lock and unlock
- Key retention upon unlocking
- High-security padlock
- Close shackle design
- Double ball locking
- Body Width: 60mm
- Body Material: Hardened Steel
- Shackle Material: Hardened boron steel
- Cylinder System: Models suitable for 5-pin, 6-pin, DTEC and KeyULTRA. Can also be supplied sub assembled (KT) minus plug and keys for assembly by DTEC Centres
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. 5 & 6 pin supplied with 3 steel nickel plated keys. DTEC keys supplied separately - please specify quantity of DTEC keys required when ordering KeyULTRA supplied with 2 nickel silver keys
- Key Blank: Dependant on key section required

Finish:

- Mirror chrome plated

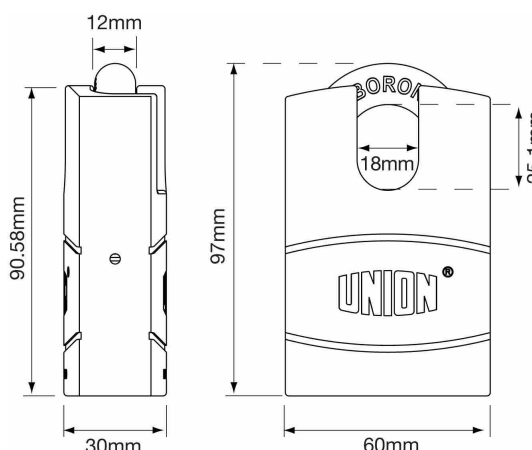


Standards:

- EN12320 - see matrix for classification
- EN1670 - 240 hours neutral salt spray test
- Sold Secure - see matrix for classification



Technical Design:



High Security - KESO / Ingersoll

K40S711

UNION Ingersoll Steel Padlock



ASSA ABLOY

Application:

- Suitable for most high security applications
- Open shackle suitable for a wide range of locking applications, such as chains, etc.

Specification:

- Open Shackle High Security
- Snaplocking, key required to unlock
- Non-key retention
- Shackle is retained when padlock is open
- Padlock has drainage holes to prevent build up of water, and a keyhole cover to protect the mechanism
- Body Width: 63mm
- Body Material: Steel
- Shackle Material: Steel
- Keying Groups: Can be included in a UNION KESO masterkey suite
- UNION KESO 15 pin system offers patent protection; resistance to drill and pick attack; differs never repeated

Finish:

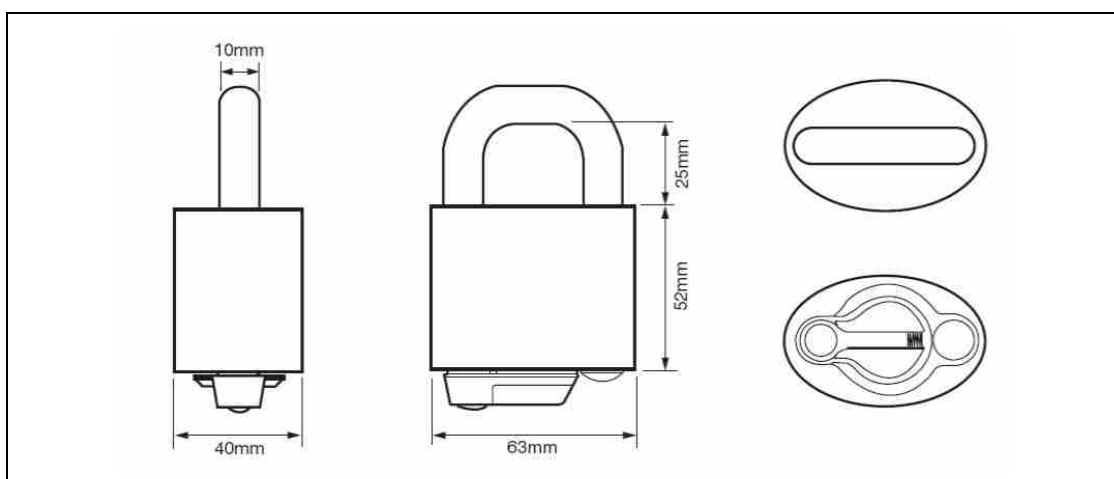
- Steel body



Standards:



Technical Design:



High Security - KESO / Ingersoll

K1CS700

UNION Ingersoll Steel Padlock



ASSA ABLOY

Application:

- Suitable for most high security applications
- Extra close shackle offers a very tight fitting lock, severely restricting access to the shackle

Specification:

- Extra Close Shackle High Security
- Snaplocking, key required to unlock
- Non-key retention
- Shackle is retained when padlock is open
- Padlock has drainage holes to prevent build up of water, and a keyhole cover to protect the mechanism
- Body Width: 63mm
- Body Material: Steel
- Shackle Material: Steel
- Keying Groups: Can be included in a UNION KESO masterkey suite. May be supplied standard differ, keyed alike, keyed to pass or masterkeyed
- UNION KESO 15 pin system offers patent protection; resistance to drill and pick attack; differs never repeated

Finish:

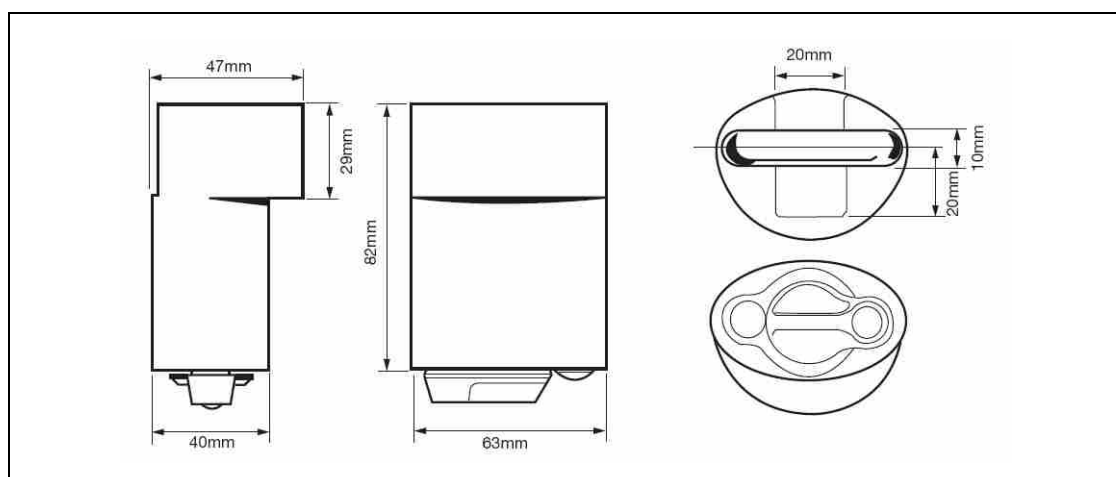
- Steel body



Standards:



Technical Design:



C-Series Padlocks

1K11

Battleship



ASSA ABLOY

Application:

- Close shackle tough padlock for use on security applications

Specification:

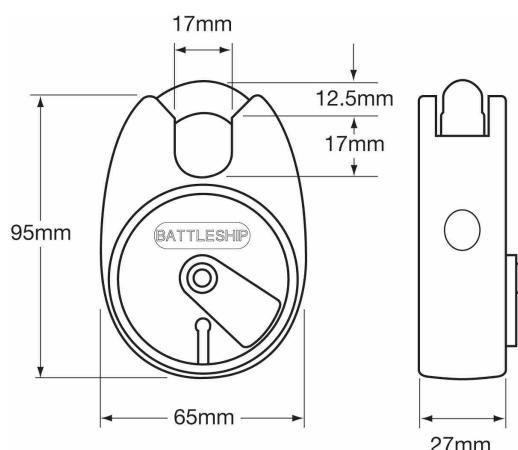
- 6 lever mechanism, key to lock, key to unlock
- Non-key retaining
- Hardened steel unsprung shackle
- Keyed to differ supplied with 3 keys
- Please specify number of keys required for keyed alike or master key product
- Anti Saw
- Force Resistant
- Anti Pick
- Torque Resistant
- Shackle Type - Close
- Shackle Diameter - 12.5mm
- Shackle Clearance - 17mm
- Shackle Material: Hardened Steel
- Locking Mechanism - Key



Standards:



Technical Design:



C-Series Padlocks

1K21

Cruiser



ASSA ABLOY

Application:

- Close shackle tough padlock for use in security applications

Specification:

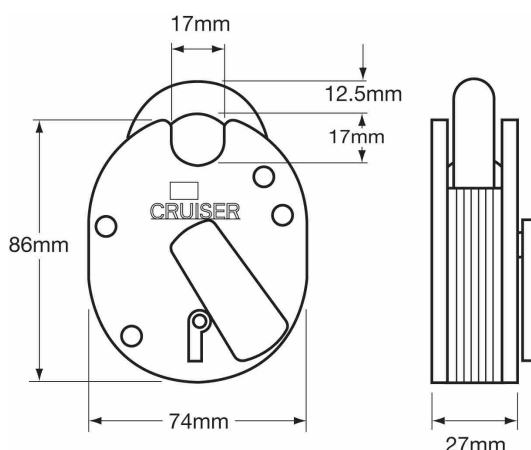
- 5 lever mechanism, key to lock, key to unlock
- Non-key retaining
- Hardened steel unsprung shackle
- Keyed to differ supplied with 2 keys
- Please specify number of keys required for keyed alike or master key product
- Anti Saw
- Force Resistant
- Anti Pick
- Torque Resistant
- Shackle Type - Close
- Shackle Diameter - 12.5mm
- Shackle Clearance - 17mm
- Shackle Material: Hardened Steel
- Locking Mechanism - Key



Standards:



Technical Design:



C-Series Padlocks

1K42

AVA Brass Padlock

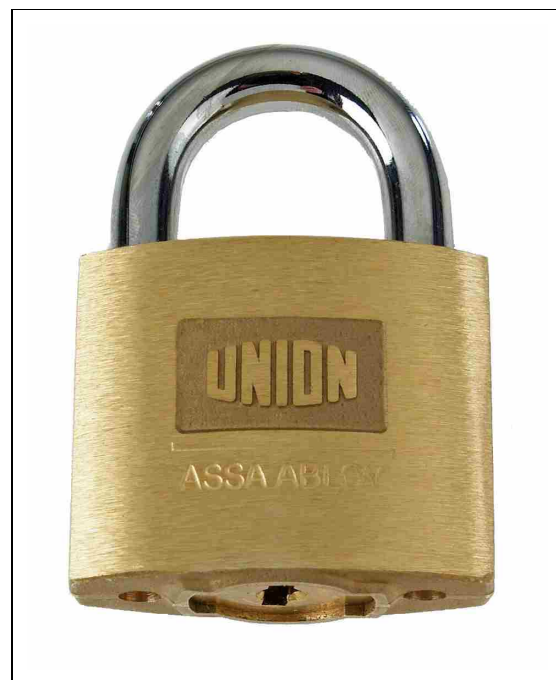


Application:

- 10 disc AVA open shackle brass padlock providing a high level of protection against picking and manipulation

Specification:

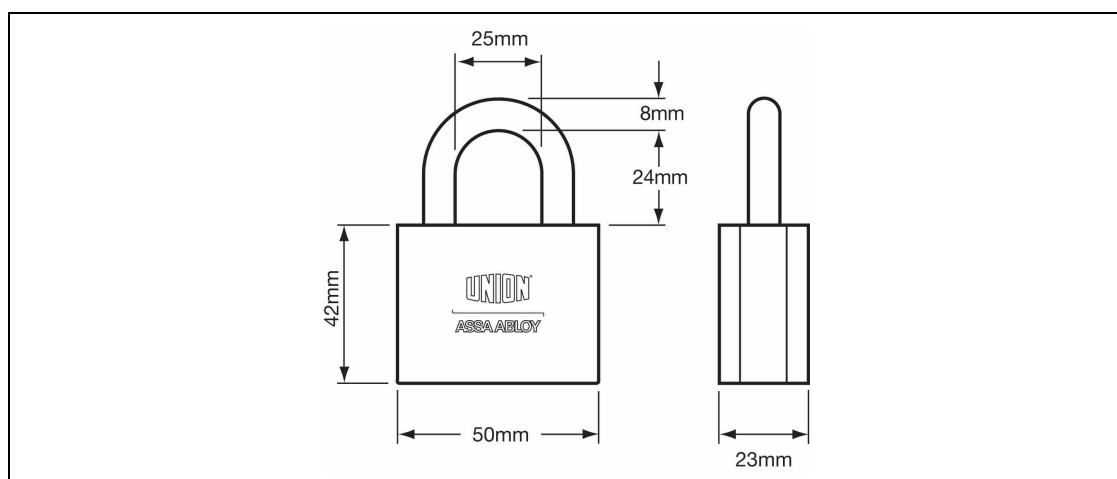
- Key retention when the padlock is unlocked
- Hardened steel unsprung shackle
- Keyed to differ supplied with 2 keys
- Please specify number of keys required for keyed alike or master key product
- Anti Saw
- Force Resistant
- Anti Pick
- Torque Resistant
- Corrosion resistant
- Shackle Type - Open
- Shackle Diameter - 8mm
- Shackle Clearance - 24mm
- Shackle Material: Hardened Steel
- Locking Mechanism - Key



Standards:



Technical Design:



C-Series Padlocks

1K57

Hercules

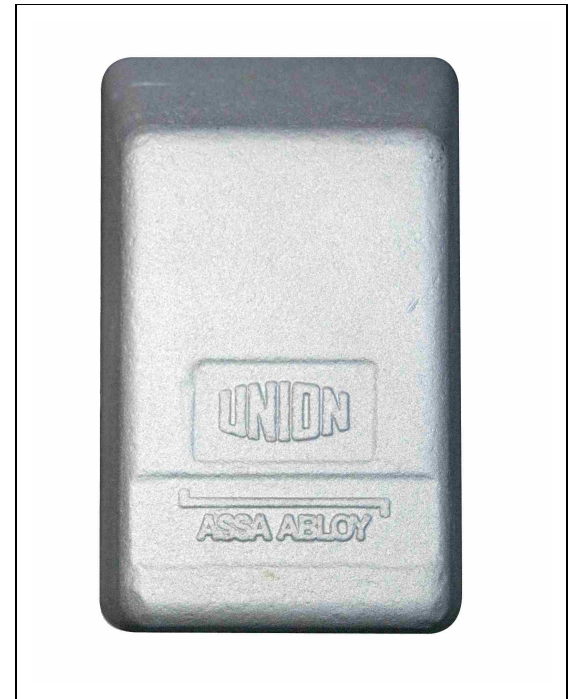


Application:

- Robust concealed shackle padlock
- Vertical sliding shackle which comes through the staple hole making direct attack impossible

Specification:

- Available with either AVA 10 disc or 6 pin locking mechanism
- Key retention when the padlock is unlocked
- Hardened steel unsprung shackle
- Suitable for use with UNION 7B018 padbar
- B-1K57A supplied with 3 keys
- B-1K57C supplied with 2 keys
- Please specify number of keys required for keyed alike or master key product
- Anti Drill
- Anti Saw
- Force Resistant
- Anti Pick
- Torque Resistant
- Corrosion Resistant
- Shackle Type - Concealed
- Shackle Diameter - 16mm
- Material: Hardened, forged steel
- Locking Mechanism - Key

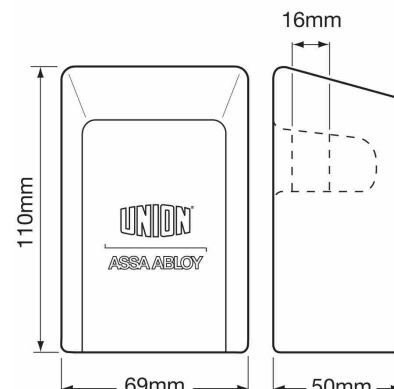


Standards:

- CEN Grade 6



Technical Design:



Brass Padlocks

3122 / 312251 / 312252

Cylinder Padlock



ASSA ABLOY

Application:

Specification:

- For general use
- Snaplocking, key required to unlock
- Non-key retention, shackle is spring loaded
- Shackle is retained when padlock is open
- Available with long (312251) or extra-long (312252) shackle clearances for different applications
- Body Width: 39.5mm (1.5"), 52mm (2"), 63.5mm (2.5")
- Body Material: Brass
- Shackle Material: Hardened steel, chrome finish
- Cylinder Type: 5-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. Supplied with 2 nickel silver keys, Exceptions may apply to 312251 & 312252 - see variants for details
- Key Blank: KB502

Finish:

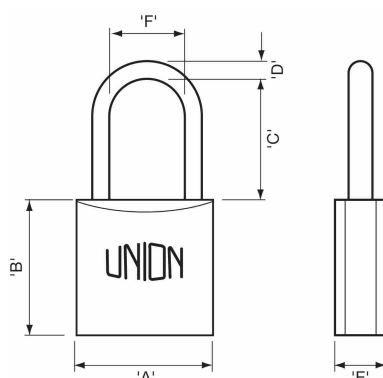
- Brass body



Standards:



Technical Design:



3122	1.5"	2"	2.5"
A	39.5mm	52mm	63.5mm
B	46mm	46mm	46mm
C - 3122	28.5mm	33.5mm	40mm
C - 312251	33.5mm***	40mm	46.5mm**
C - 312252	40mm*	46.5mm*	52.5mm*
D	6.5mm	8mm	9.5mm
E	19mm	20mm	23mm
F	19mm	28.5mm	36.5mm

* Available to pass and master keyed

** Only available master keyed

*** Only available to pass

Brass Padlocks

3102 / 310251 / 310252

Cylinder Padlock



ASSA ABLOY

Application:

Specification:

- For general use
- Snaplocking, key required to unlock
- Non-key retention, shackle is spring loaded
- Shackle is retained when padlock is open
- Available with long (310251) or extra-long (310252) shackle clearances for different applications
- Body Material: Brass
- Shackle Material: Manganese bronze
- Cylinder Type: 5-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. Supplied with 2 nickel silver keys. Exceptions may apply to 310251 & 310252 - see variants for details
- Key Blank: KB502

Finish:

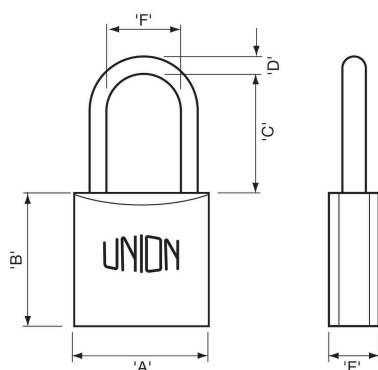
- Brass body



Standards:



Technical Design:



3102	1.5"	2"	2.5"
A	39.5mm	52mm	63.5mm
B	46mm	46mm	46mm
C - 3102	28.5mm	33.5mm	40mm
C - 310251	33.5mm* **	40mm**	46.5mm***
C - 310252	40mm**	46.5mm**	52.5mm**
D	6.5mm	8mm	9.5mm
E	19mm	20mm	23mm
F	19mm	28.5mm	36.5mm

* Only size available - standard differ

** Available to pass and master keyed

*** Only available master keyed

Brass Padlocks

31022 / 310221

Cylinder Padlock



ASSA ABLOY

Application:

Specification:

- For general use
- Snaplocking, key required to unlock
- Non-key retention, shackle is spring loaded
- Shackle is retained when padlock is open
- Available with long shackle clearance for different applications (310221)
- Body Width: 40mm
- Body Material: Brass
- Shackle Material: Manganese bronze
- Cylinder Type: 5-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed. Supplied with 2 nickel silver keys
- Key Blank: KB502

Finish:

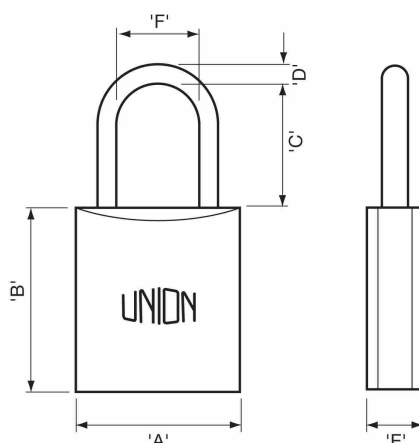
- Brass body



Standards:



Technical Design:



A	40mm
B	46mm
C - 31022	30mm
C - 310221	33.5mm
D	5mm
E	19mm
F	20.5mm

Brass Padlocks

3104 / 310441 / 310442

Cylinder Padlock



ASSA ABLOY

Application:

Specification:

- For general use
- Snaplocking, key required to unlock
- Non-key retention, shackle is spring loaded
- Shackle is retained when padlock is open
- Available with long (310441) or extra-long (310442) shackle clearances for different applications
- Body Width: 34mm
- Body Material: Brass
- Shackle Material: Manganese bronze
- Cylinder Type: 4-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed (310441 not available master keyed). Supplied with 2 nickel silver keys
- Key Blank: KB11-534-55

Finish:

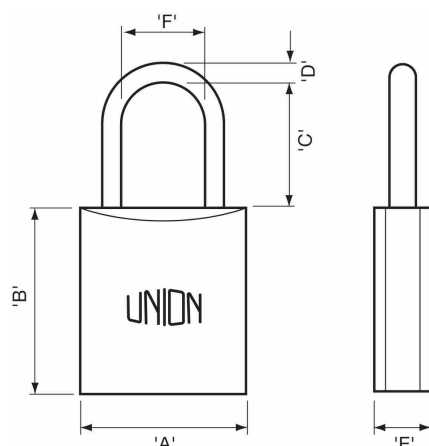
- Brass body



Standards:



Technical Design:



A	34mm
B	33.5mm
C - 3104	22mm
C - 310441*	28.5mm
C - 310442	31.5mm
D	5mm
E	15mm
F	19mm

* Not available master keyed

Brass Padlocks

3170 / 3170LS

Brass Cylinder Padlocks



ASSA ABLOY

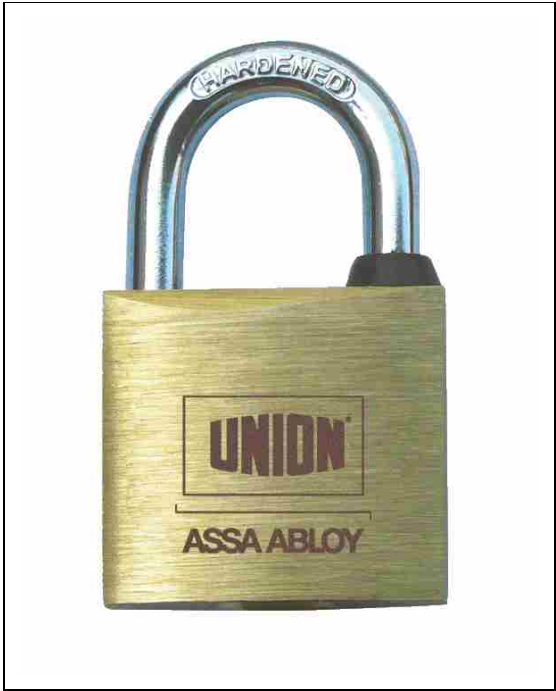
Application:

Specification:

- Open and long shackle range of brass padlocks for general use
- Snaplocking, key to unlock
- Non-key retention, shackle is spring loaded
- Shackle is retained when padlock is open
- Body Width: See chart below
- Body Material: Brass
- Shackle Material:
Steel Hardened steel for padlocks 30mm or above
Cylinder Type: 4-pin tumbler mechanism
Keying Groups: Supplied standard differ. Supplied with 3 nickel silver key
- Available as boxed or visi-packed

Finish:

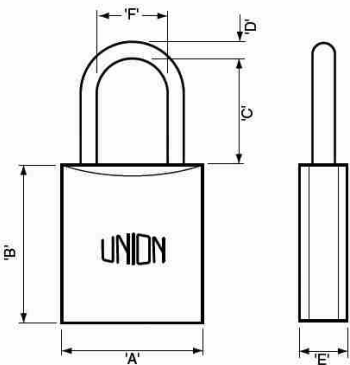
- Brass body



Standards:



Technical Design:



Product Code	Locking	Dimension mm					
		A	B	C	D	E	F
X3170-20	Single	20	19.4	11.3	3.50	10.2	9.6
X3170-30	Double	30	26.9	17.0	4.75	12.8	16.0
X3170-40	Double	40	32.0	22.5	6.35	14.5	22.0
X3170-50	Double	50	39.4	28.3	7.94	16.8	27.9
X3170-60	Double	60	45.6	35.5	9.52	18.8	33.5
X3170LS-30	Double	30	26.9	40.0	4.75	12.8	16.0
X3170LS-40	Double	40	32.0	60.0	6.35	14.5	22.0
X3170LS-50	Double	50	39.4	80.0	7.94	16.8	27.9

Cabinet Locks

UNION offers a range of cabinet locks suitable for a variety of applications



Application

Various designs are available to suit applications including wooden drawers, cupboards, tills and steel lockers

Bolt Types

Deadbolt or spring bolt to suit their designed application

- Deadbolt is locked or unlocked by the key
- Spring bolt, used on applications such as tills closes automatically. The bolt is withdrawn by the key

Key Mechanism

Cabinet lock variants are available with pin tumbler and lever mechanisms

Rotating Cylinder

Available on some variants enabling either a) drawer lock, or b) till lock to be changed to a right or left hand cupboard lock

Striking Plates

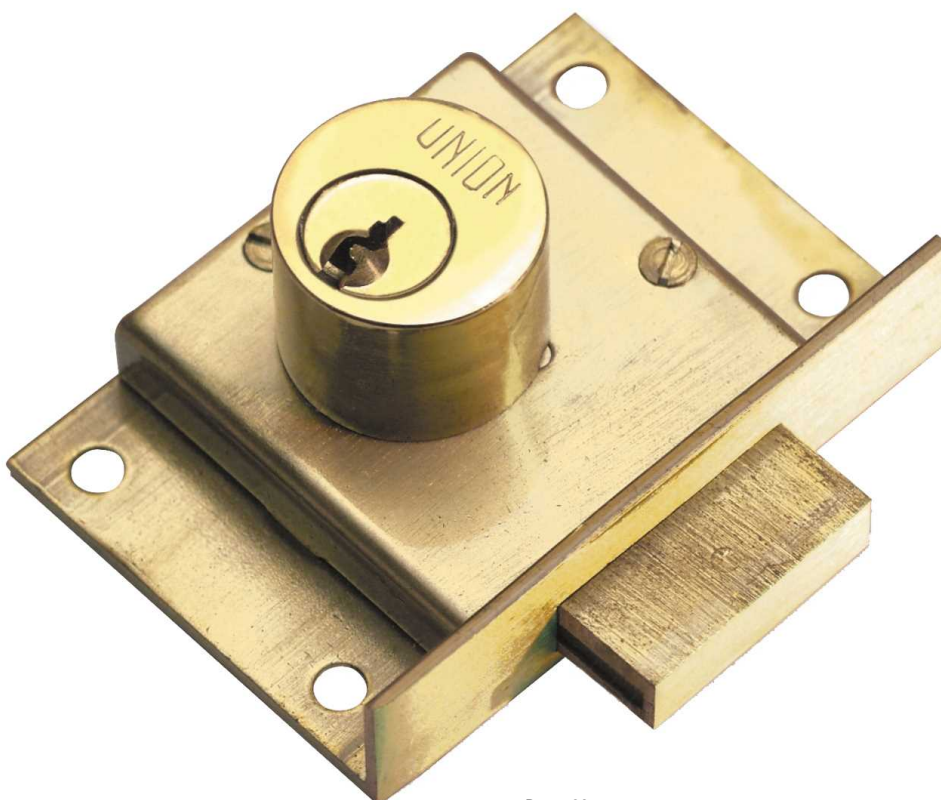
Supplied separately to suit application. See individual product pages for details

Key Control Systems

Cabinet locks can be supplied individually keyed, keyed alike, keyed to pass or masterkeyed. See individual product pages for details

Finishes

UNION cabinet locks are available in a variety of finishes. See individual product pages for details



Cabinet Locks

4110

Cylinder Cupboard Lock



ASSA ABLOY

Application:

- For wooden doors hinged on the left or right
- To suit doors 26.5mm material thickness
- Supplied with 53028 cylinder rose

Specification:

- The bolt is locked and unlocked by key
- **Case Size: 44.5mm (1.75")**
- Cylinder Projection: 27mm
- Case: Brass, sanded
- Cap: Brass
- Striking Plate: Supplied separately. See separate page
- Deadbolt: Brass
- Cylinder Type: Brass, 5-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass or masterkeyed
- Supplied with 2 nickel silver keys
- May be keyed alike with other utility locks of the same key blank number
- Key Blank Number: KB502

Finish:

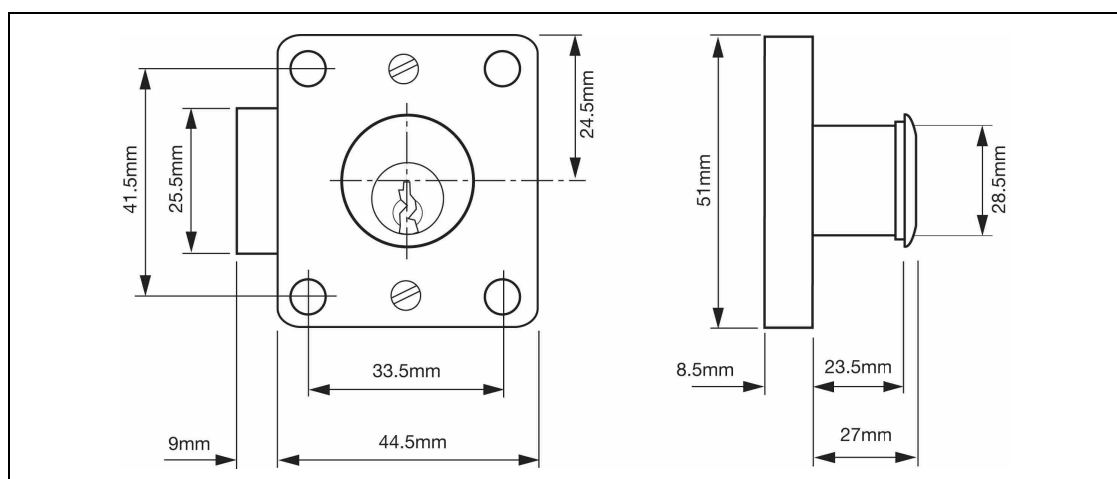
- PL - Polished Brass
- SC - Satin Chrome



Standards:



Technical Design:



Cabinet Locks

4137

Cylinder Cut Cupboard/Drawer Lock



ASSA ABLOY

Application:

- For wooden doors or drawers
- To suit doors or drawers up to 23mm material thickness

Specification:

- Cylinder rotates to produce either a drawer lock or a right or left hand cupboard lock
- The bolt is locked and unlocked by key
- **Case Size: 51mm (2") or 63.5mm (2.5")**
- Cylinder Projection: 26.5mm
- Case: Zinc, gold enamel
- Cap: Steel, zinc plated
- Striking Plate: Supplied separately. See separate page
- Deadbolt: Zinc, brass plated
- Cylinder Type: Zinc, with brass cap. 4-pin tumbler mechanism
- Supplied with 2 nickel silver keys
- Key Blank Number: KB11-534-55

Finish:

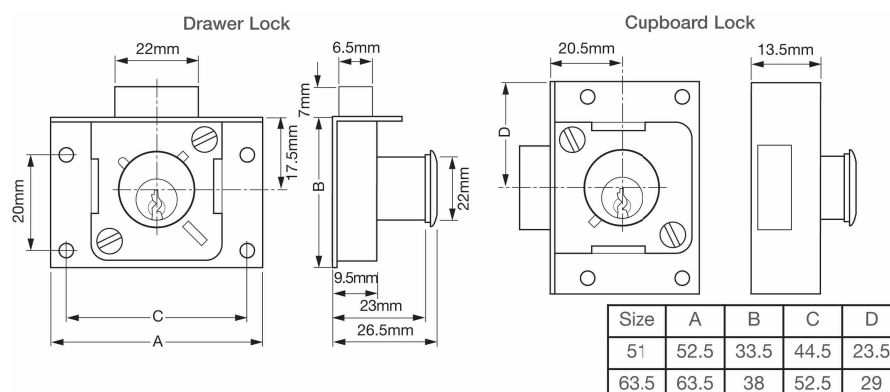
- PL - Polished Brass
- SC - Satin Chrome



Standards:



Technical Design:



Cabinet Locks

4138

Cylinder Cut Cupboard/Till Lock



ASSA ABLOY

Application:

- For wooden doors, tills or drawers
- To suit doors or drawers up to 23mm material thickness

Specification:

- Cylinder rotates to produce either a drawer lock or a right or left hand cupboard lock
- Upon closing the bolt is automatically engaged
- The bolt is withdrawn by key
- **Case Size: 51mm (2") or 63.5mm (2.5")**
- Cylinder Projection: 26.5mm
- Case: Zinc, gold enamel
- Cap: Steel, zinc plated
- Striking Plate: Brass, 4138-10, See separate page
- Deadbolt: Zinc, brass plated
- Cylinder Type: Zinc, with brass cap. 4-pin tumbler mechanism,
- Supplied with 2 nickel silver keys
- Key Blank Number: KB11-534-55

Finish:

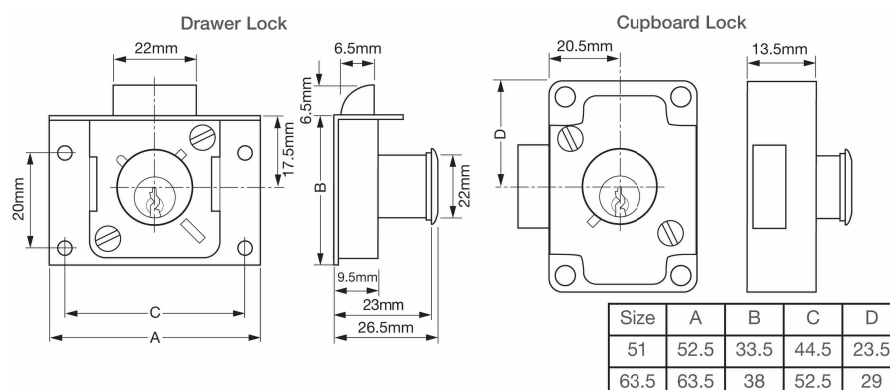
- PL - Polished Brass
- SC - Satin Chrome



Standards:



Technical Design:



Cabinet Locks

4146

Lever Cupboard Lock



Application:

- For wooden doors hinged on the left or right
- To suit doors up to 32mm material thickness
- Supplied with 5359 brass thread escutcheon
- Suitable for cupboard doors

Specification:

- The bolt is locked and unlocked by key
- **Case Size:** 63.5mm (2.5") or 76.2mm (3")
- Case: Brass
- Cap: Brass
- Striking Plate: Supplied separately. See separate page
- Deadbolt: Zinc, brass plated
- Cylinder Type: Lever mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass
- Supplied with 2 steel nickel plated keys
- May be keyed alike with other utility locks of the same key blank number
- Key Blank Number:
 - KB671 - 63.5mm case size
 - KB611 - 76.2mm case size

Finish:

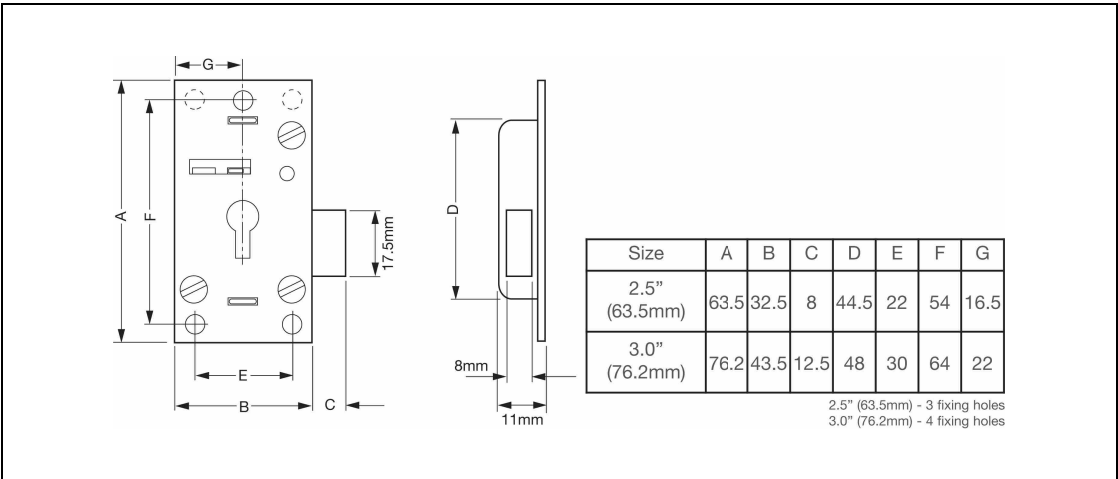
- PL - Polished Brass



Standards:



Technical Design:



Cabinet Locks

4147

Cylinder Cupboard/Drawer Lock



ASSA ABLOY

Application:

- For wooden doors, drawers or cupboard locks
- To suit doors or drawers up to 12.5mm material thickness

Specification:

- Cylinder rotates to produce either a drawer lock or a cupboard lock
- The bolt is locked and unlocked by key
- **Case Size: 44.5mm (1.75")**
- Cylinder Projection: 16mm
- Case: Zinc, gold enamel
- Cap: Steel, zinc plated
- Striking Plate: Supplied separately. See separate page
- Deadbolt: Zinc, brass plated,
- Cylinder Type: Zinc with brass cap, 4-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass
- Supplied with 2 nickel silver keys
- May be keyed alike with other utility locks of the same key blank number
- Key Blank Number: KB11-534-55

Finish:

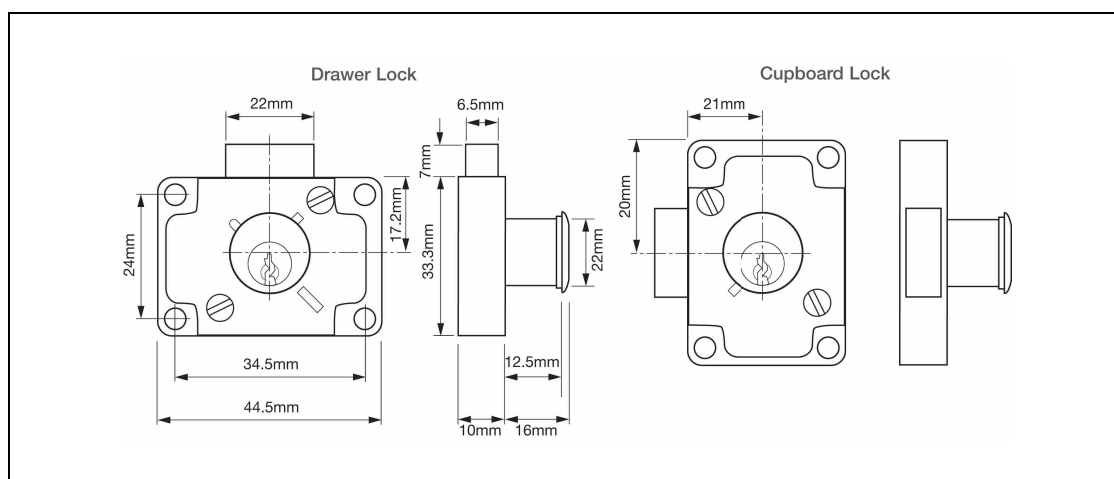
- PL - Polished Brass
- SC - Satin Chrome



Standards:



Technical Design:



Cabinet Locks

4148

Cylinder Cupboard/Till Lock



ASSA ABLOY

Application:

- For wooden doors or tills
- To suit doors or tills up to 12.5mm material thickness
- Suitable for cupboard doors or tills

Specification:

- Cylinder rotates to produce either a drawer lock or, a till
- Upon closing the bolt is automatically engaged
- The bolt is withdrawn by key
- **Case Size: 44.5mm (1.75")**
- Cylinder Projection: 16mm
- Case: Zinc, gold enamel
- Cap: Steel, zinc plated
- Striking Plate: Supplied separately. See separate page
- Spring Bolt: Zinc, brass plated
- Cylinder Type: 4-pin tumbler mechanism
- Keying Groups: May be supplied standard differ, keyed alike, keyed to pass
- Supplied with 2 nickel silver keys
- May be keyed alike with other utility locks of the same key blank number
- Key Blank Number: KB11-534-55

Finish:

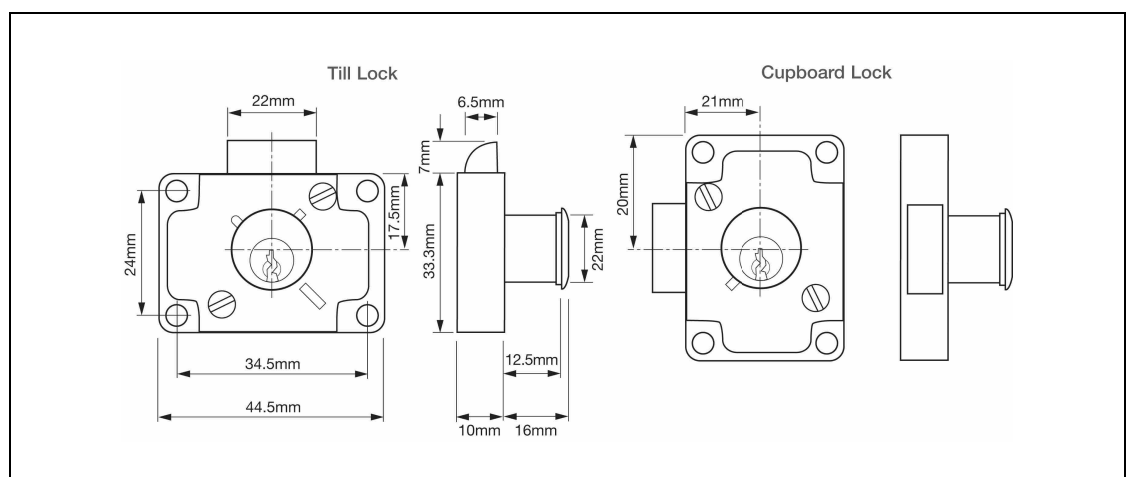
- PL - Polished Brass
- SC - Satin Chrome



Standards:



Technical Design:



Stainless Steel Door Furniture

The UNION range of stainless steel door furniture is ideal for the majority of applications, suitable for use in contract, public, commercial, institutional and residential buildings.



The 1000 Series of lever furniture is a wide selection of excellent value stainless steel sprung handles, ideal for projects where design or quality cannot be compromised. The 2000 Series of lever furniture is a range of premium solid stainless steel furniture with metal spring cassette construction.

UNION also offers a range of stainless steel pull handles and stainless steel accessories.

Rose

The component containing the door handle mechanism. All UNION stainless steel lever furniture features a round rose design

Handle

- **Sprung** - Lever handles that are spring loaded. This will enable the handle to return to the horizontal position after use, independent of any spring action in the lock
- **Non-Handed** - All UNION stainless steel door furniture is non-handed, meaning the product can be used universally on either the left or right hand side of the door

PVD

Physical Vapour Deposit - a manufacturing process that creates a very durable film and is commonly used for bathroom fixtures and architectural ironmongery which needs to be highly tarnish resistant. The process involves the deposition of zirconium nitride, titanium nitride or other metallic ion combinations under low vacuum conditions to in effect seal and preserve the finish. The PVD process provides an extremely hard wearing finish even though the coating is only 0.5 microns thick to resist scratches, wear, discolouration and corrosion. In addition to this PVD finishes provide outstanding resistance to household cleaners and environmental factors. The major benefit of PVD is that the original appearance is retained far into the future. Over time PVD will outlast traditional decorative finishes such as coloured lacquers and metal electroplated finishes.



Tubular Stainless Steel Door Furniture

1000RRS01

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 140mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available as boxed or visi-packed
- **Also available with solid lever**

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



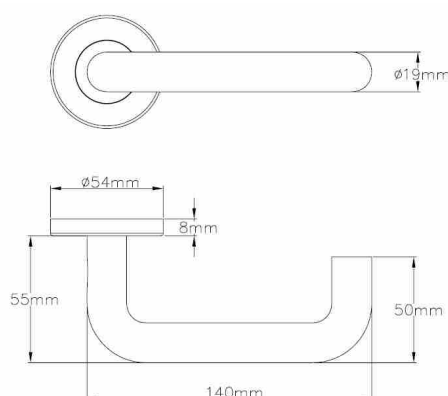
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Included in a 3rd-party FD90 timber fire door test
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS02

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



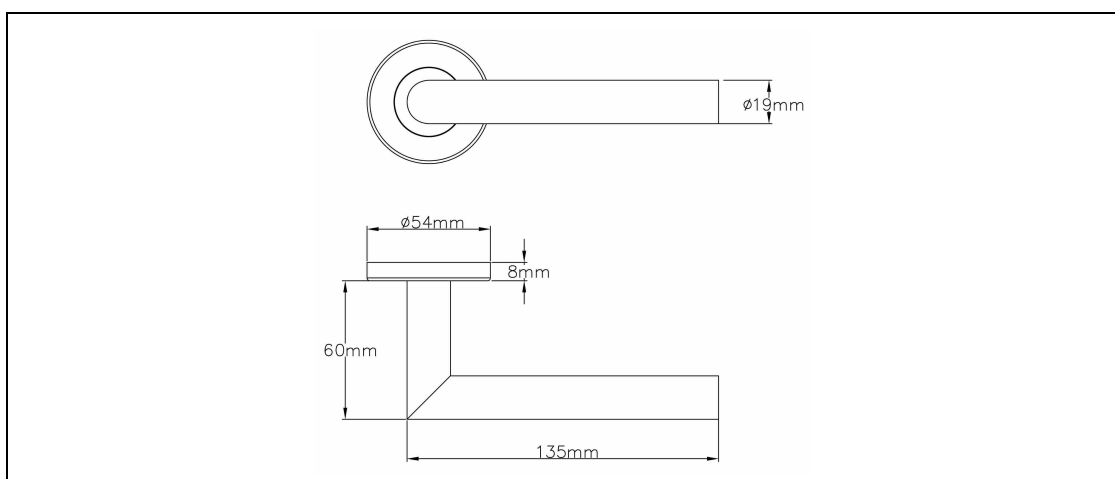
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS03

1000 Series Furniture



ASSA ABLOY

Application:

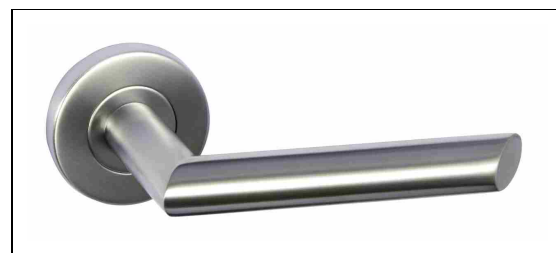
- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle length: 130mm
- Handle projection: 60mm
- Rose diameter: 54mm
- Rose projection: 8mm
- Please refer to separate page for accessories
- Available with push-on rose as standard
- Also available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



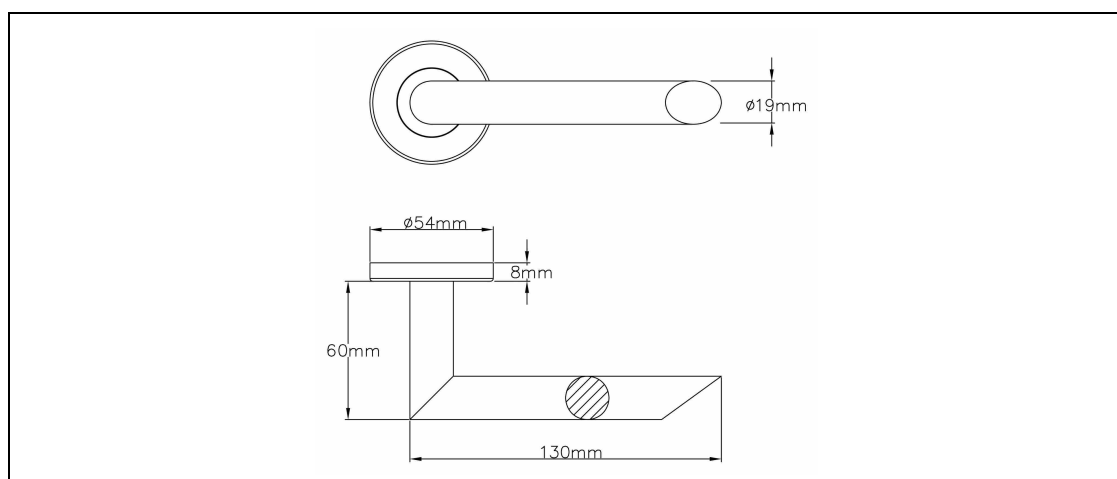
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS04

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 55mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available as boxed or visi-packed

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



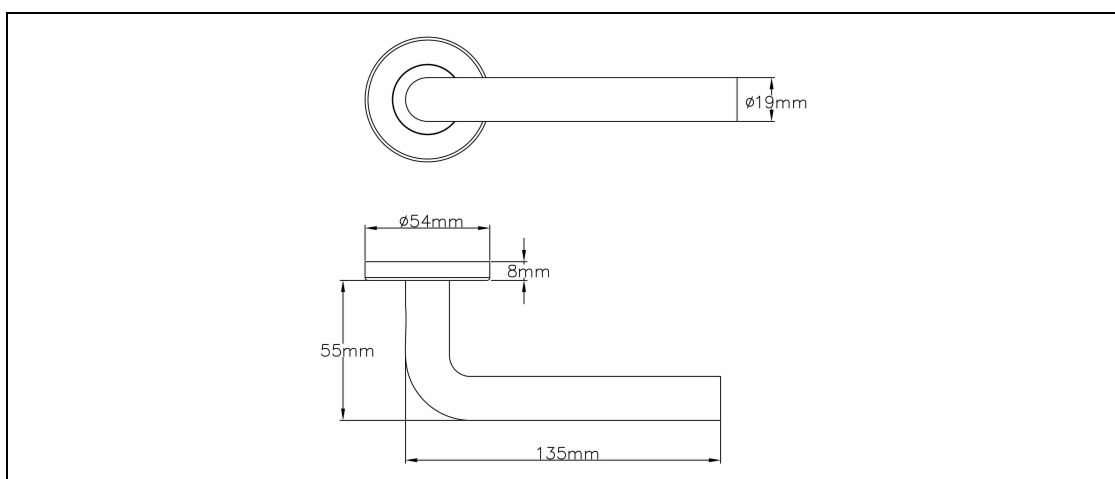
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS05

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



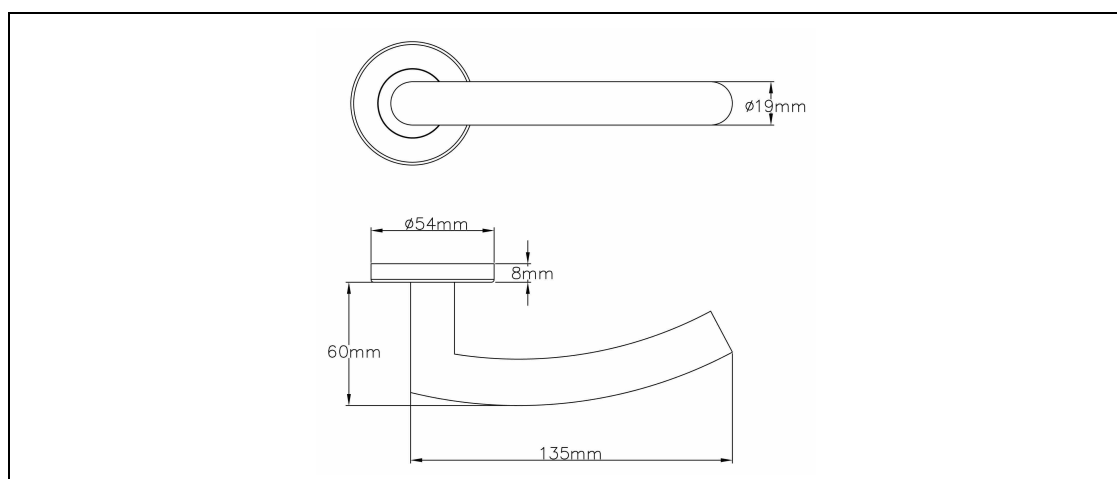
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS06

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle length: 110mm
- Handle projection: 50mm
- Rose diameter: 54mm
- Rose projection: 8mm
- Please refer to separate page for accessories
- Available with push-on rose as standard
- Also available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



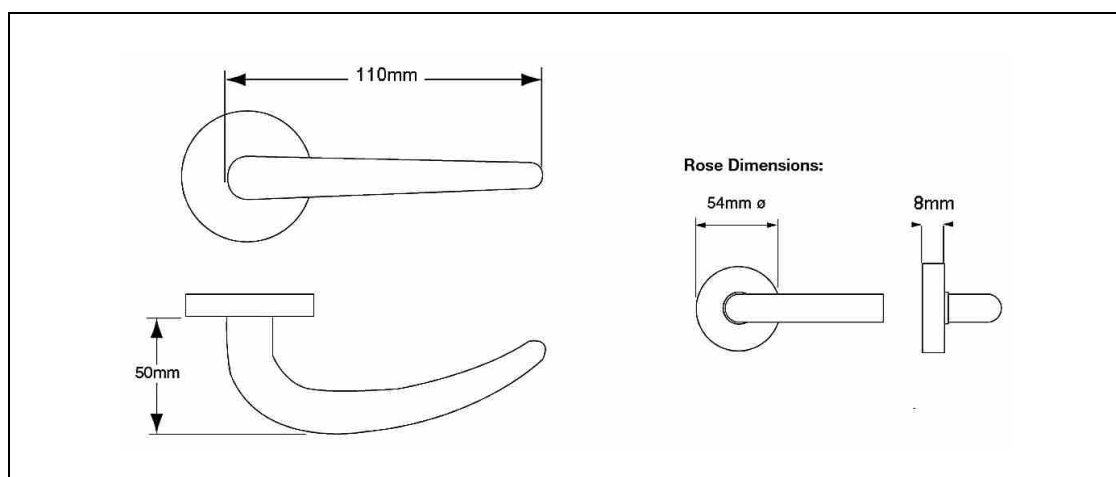
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS07

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 140mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Available with push-on rose as standard
- Also available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



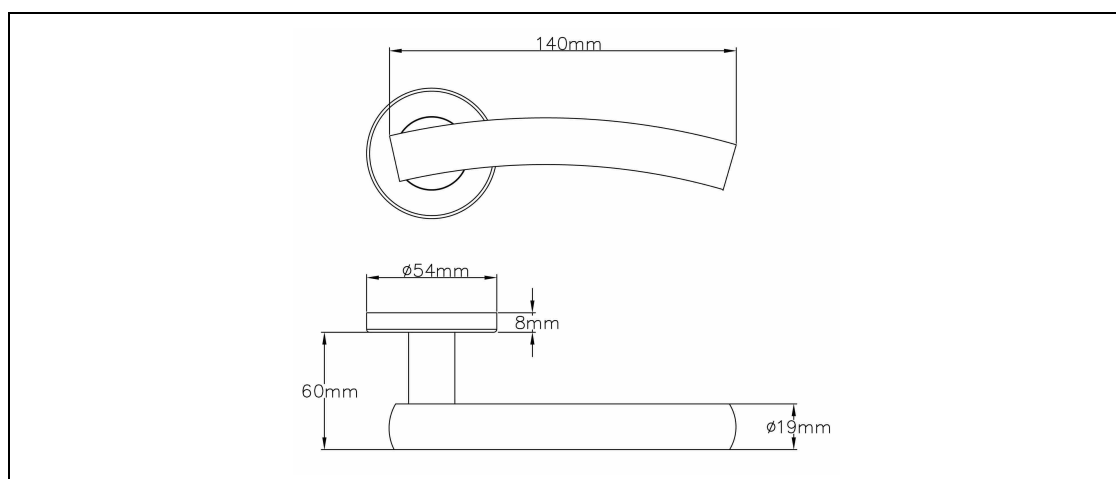
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS08

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed



Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 140mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available as boxed or visi-packed

Standards:

- Tested to BS EN 1906 : 2012

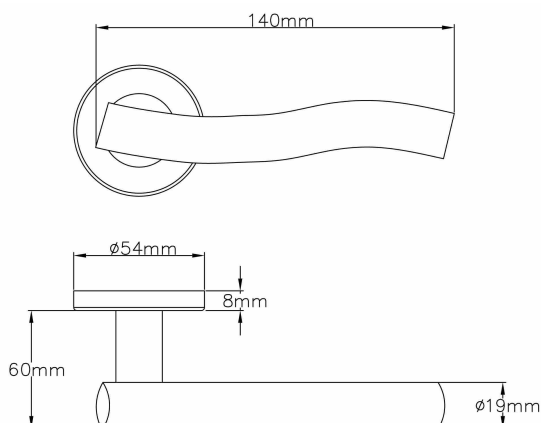
4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS09

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request
- Available as boxed or visi-packed

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



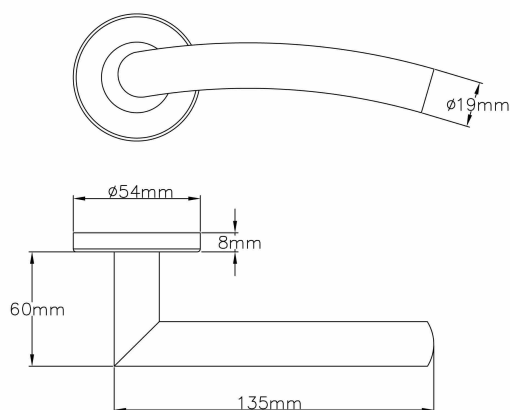
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS10

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



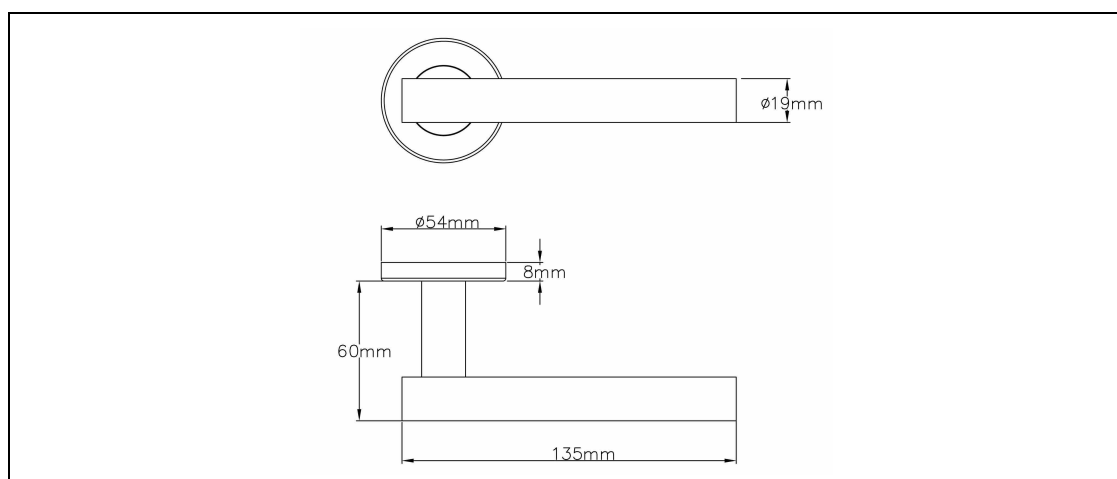
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS11

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 128mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



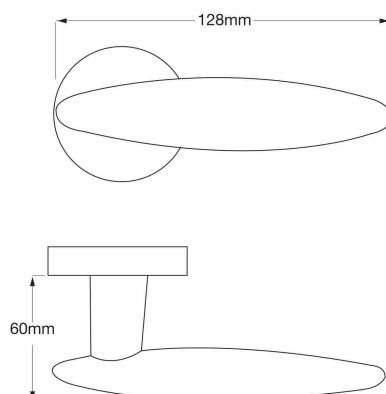
Standards:

- Tested to BS EN 1906 : 2012

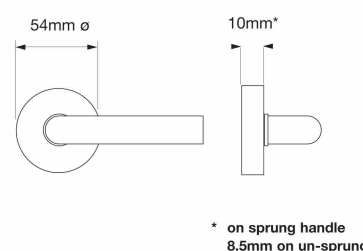
4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Rose Dimensions:



Tubular Stainless Steel Door Furniture

1000RRS12

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle length: 128mm
- Handle projection: 60mm
- Rose diameter: 54mm
- Rose projection: 8mm
- Please refer to separate page for accessories
- Available with push-on rose as standard
- Also available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

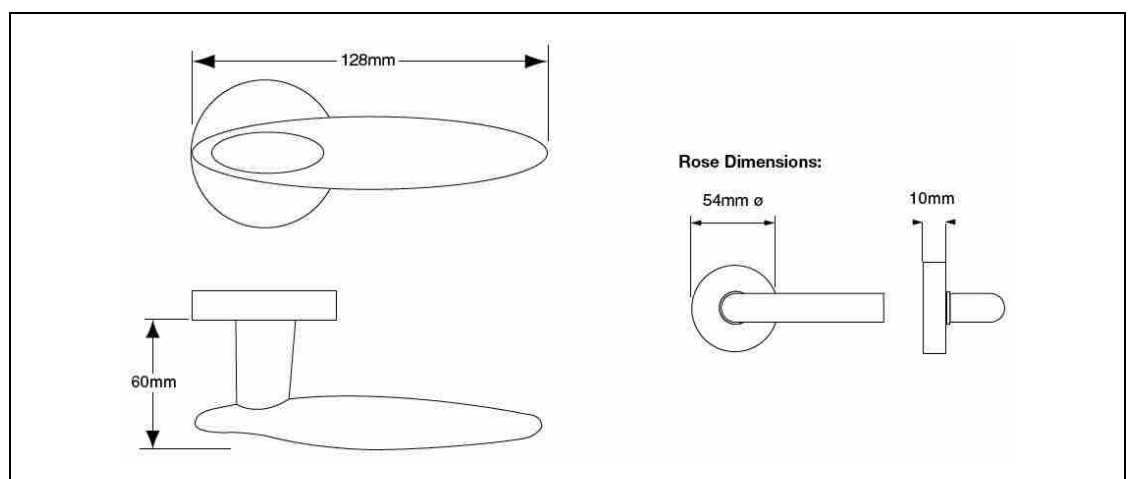


Standards:

- Tested to BS EN 1906 : 2012
4 7 - B 0 5 0 B
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS13

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

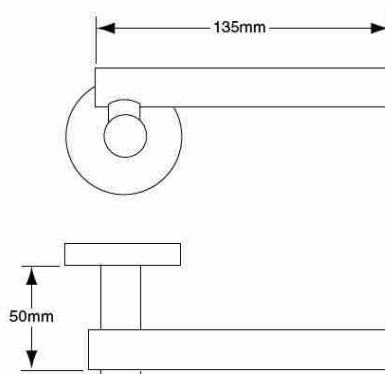


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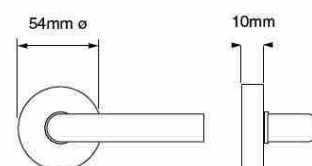
- Tested to BS EN 1906 : 2012
4 7 - B 0 5 0 B
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Rose Dimensions:



Tubular Stainless Steel Door Furniture

1000RRS14

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



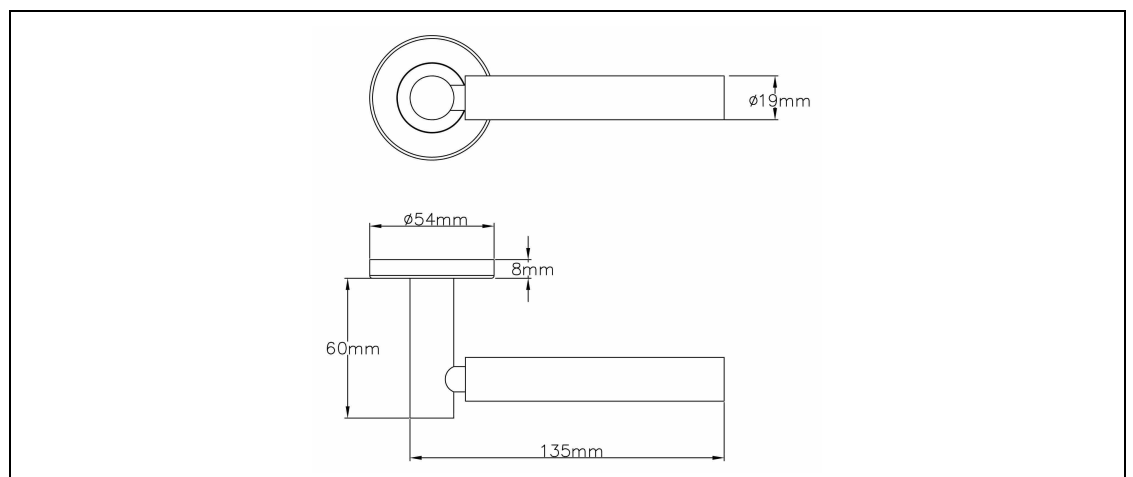
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS15

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Available with push-on rose as standard
- Also available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



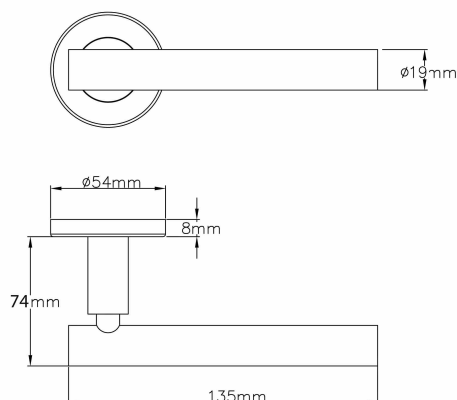
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS16

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-in rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



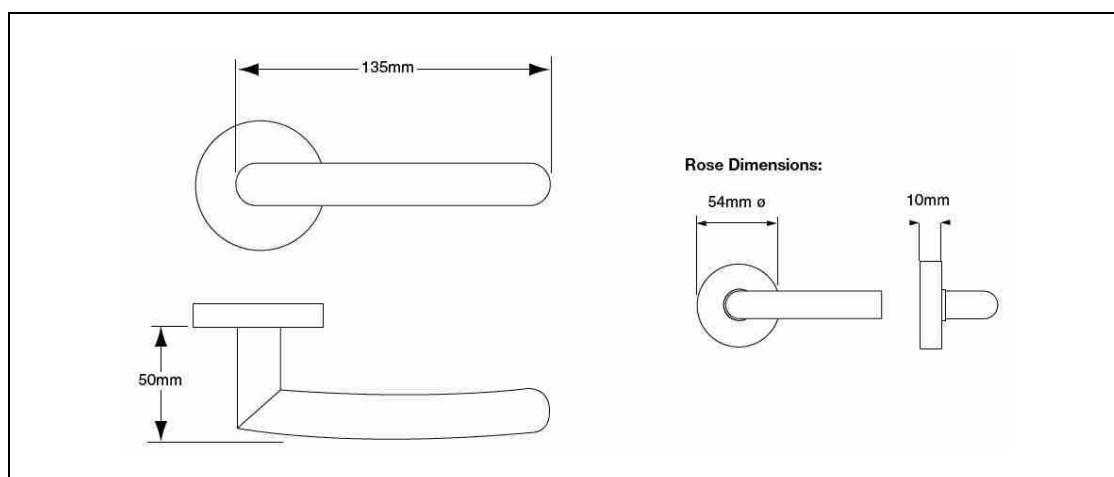
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS18

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 140mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



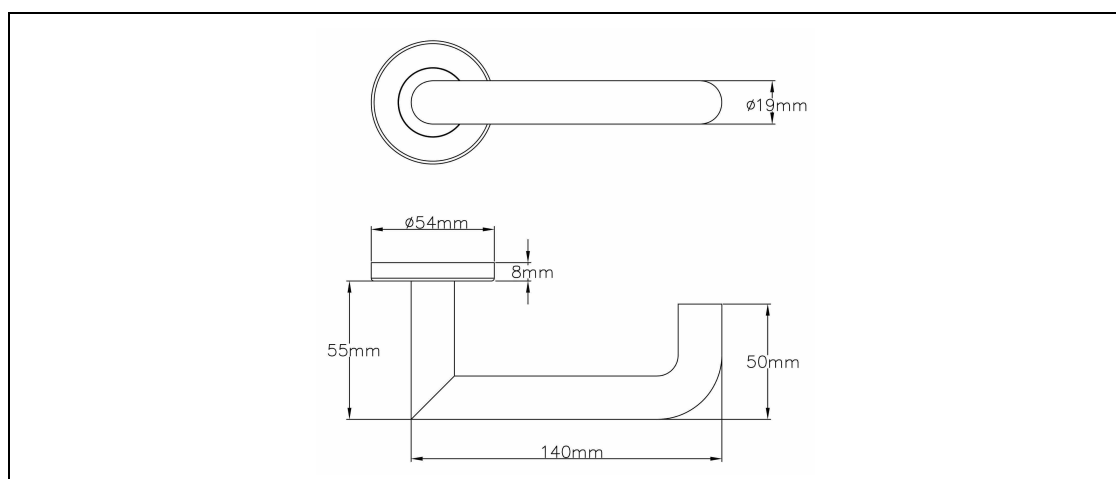
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS19

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



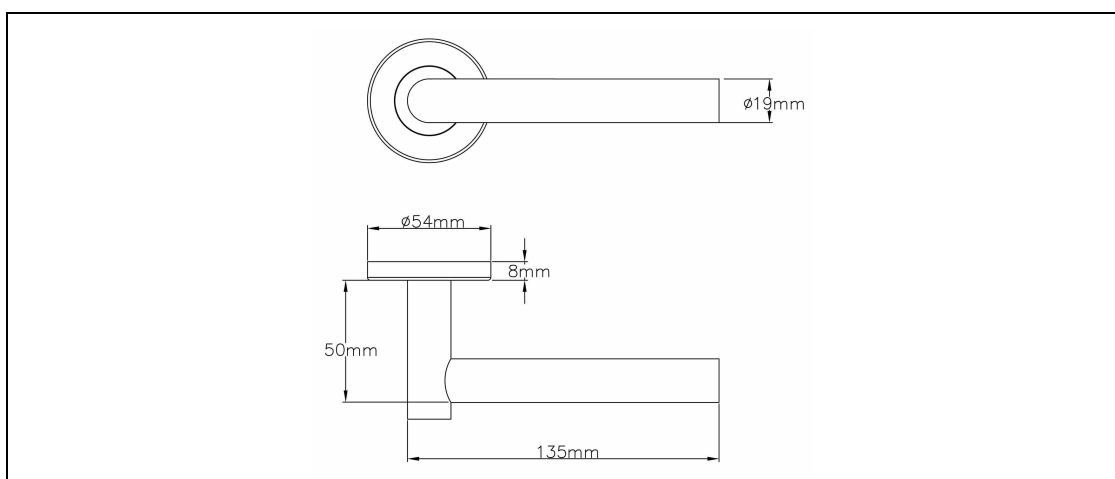
Standards:

- Tested to BS EN 1906 : 2012

4	7	-	B	0	5	0	B
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- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1000RRS20

1000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32-50mm thick
- 19mm diameter handle
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 135mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

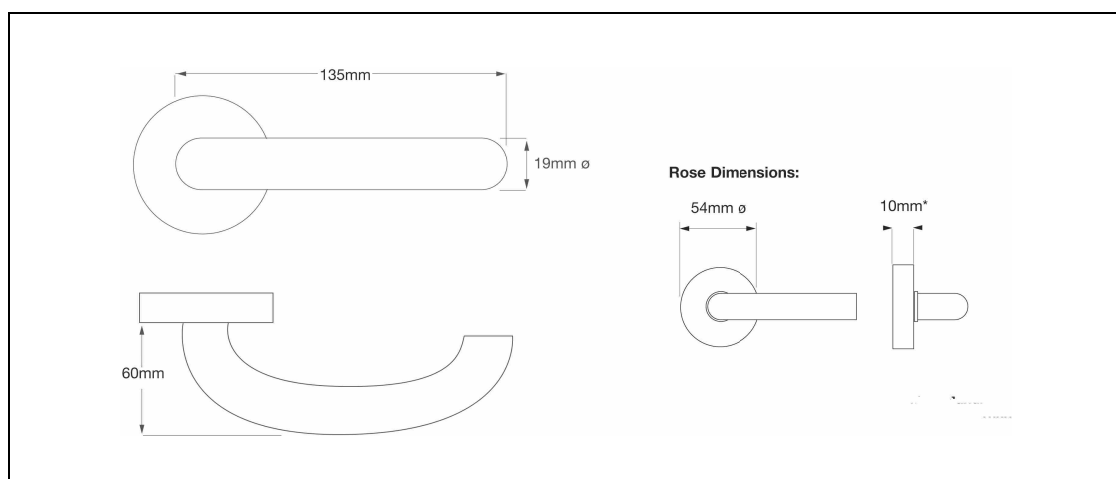


Standards:

- Tested to BS EN 1906 : 2012
4 7 - B 0 5 0 B
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors, and 240 minute steel doors
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Tubular Stainless Steel Door Furniture

1002SES01 / 1002RES01

Lever Handle on Square/Rectangular Backplate



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- 22mm diameter handle
- Supplied with wood screw fixings
- Handed

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Length: 140mm
- Handle Diameter: 19mm
- Handle Projection: 55mm
- Sprung handles
- Handle shape - return to door
- Piercing:
 - Backplate Size:
 - 180x180mm
 - 180x80mm
 - 160x160mm
 - 160x60mm
- Centres: 47.5mm, 72mm or 78mm
- Counter sunk screw holes

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:



Solid Stainless Steel Door Furniture

2000RRS31

2000 Series Furniture



ASSA ABLOY

Application:

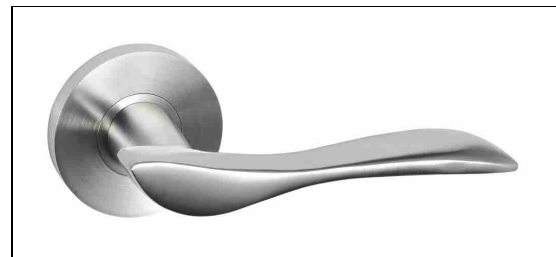
- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 128mm
- Handle Projection: 62mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

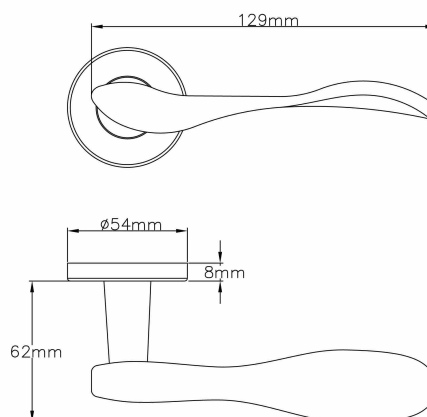


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS32

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

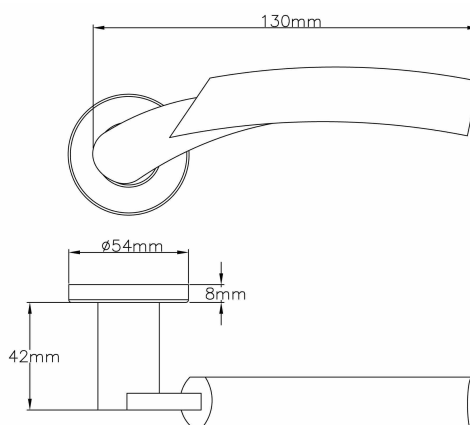


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS33

2000 Series Furniture



ASSA ABLOY

Application:

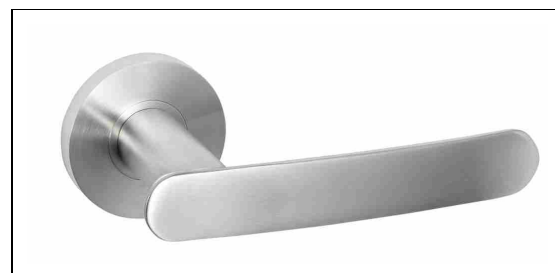
- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

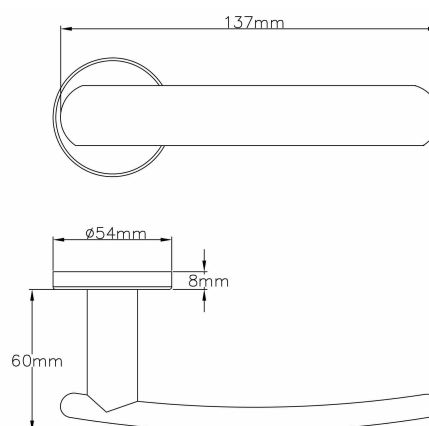


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS34

2000 Series Furniture



ASSA ABLOY

Application:

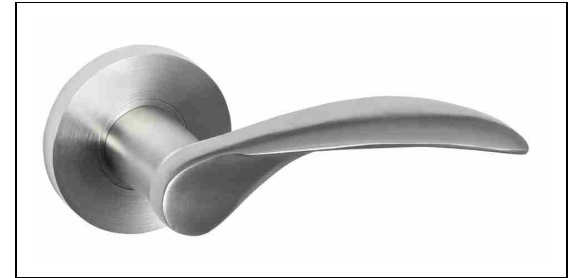
- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

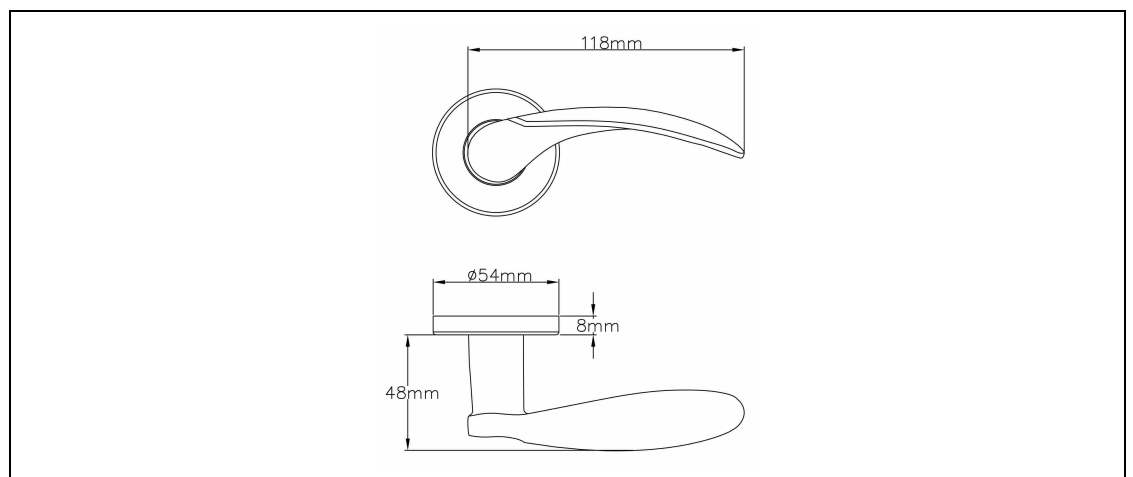


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS35

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 122mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

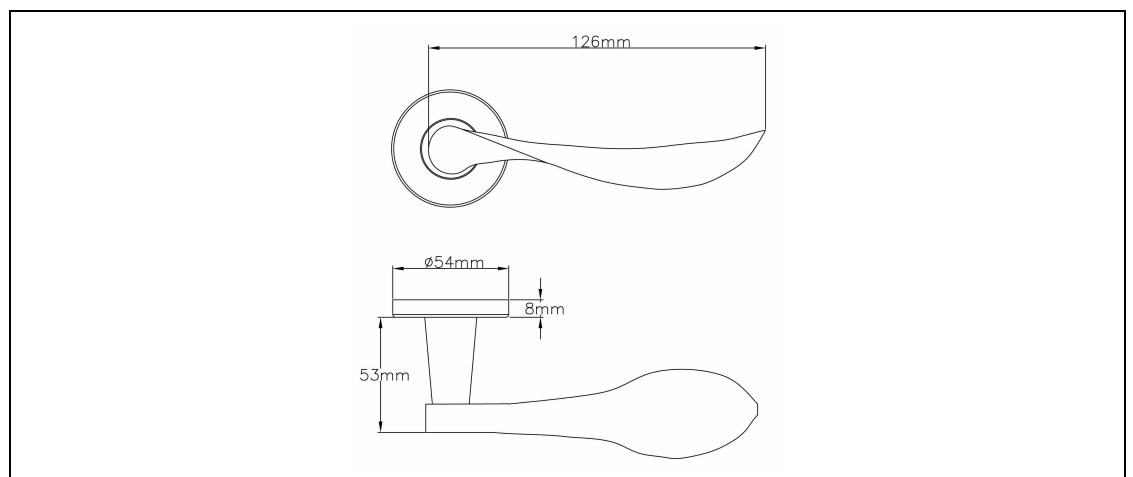


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS36

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 120mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

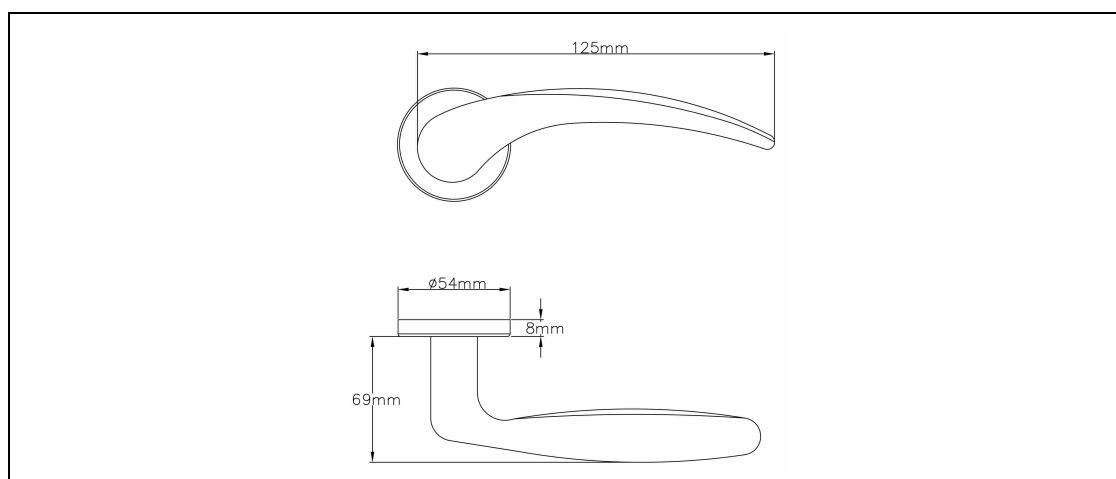


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS37

2000 Series Furniture



ASSA ABLOY

Application:

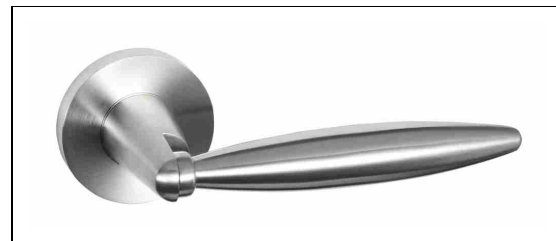
- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 140mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

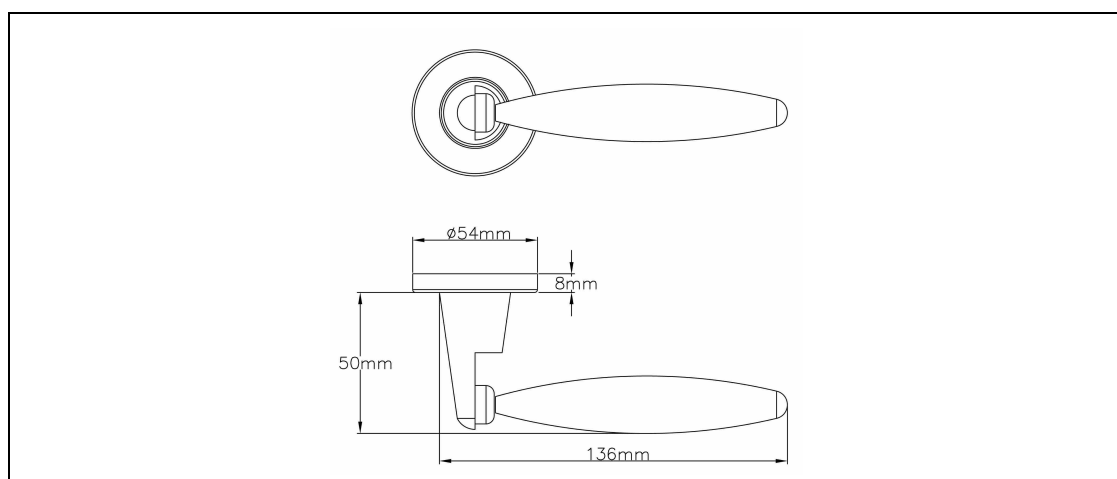


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS38

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 145mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

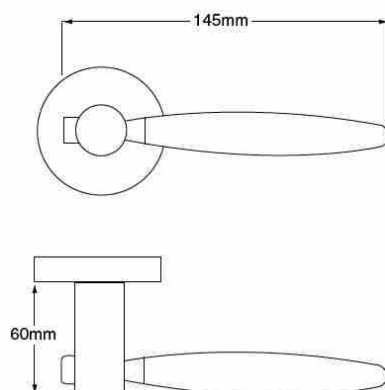


Standards:

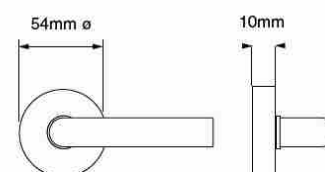
- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Rose Dimensions:



Solid Stainless Steel Door Furniture

2000RRS39

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

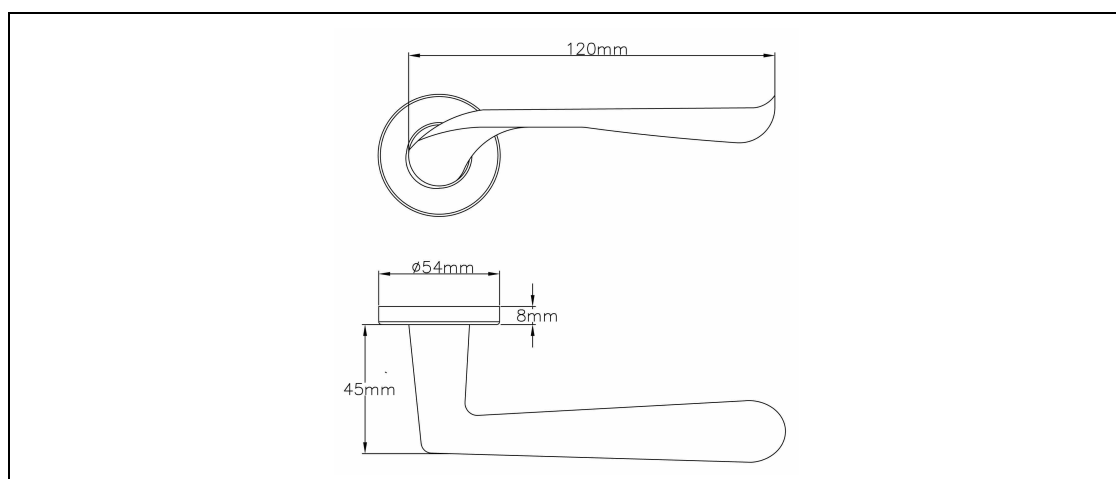


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS40

2000 Series Furniture



ASSA ABLOY

Application:

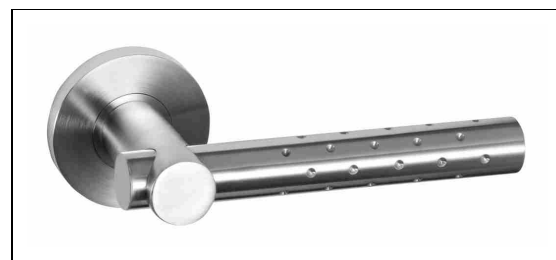
- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 135mm
- Handle Projection: 50mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

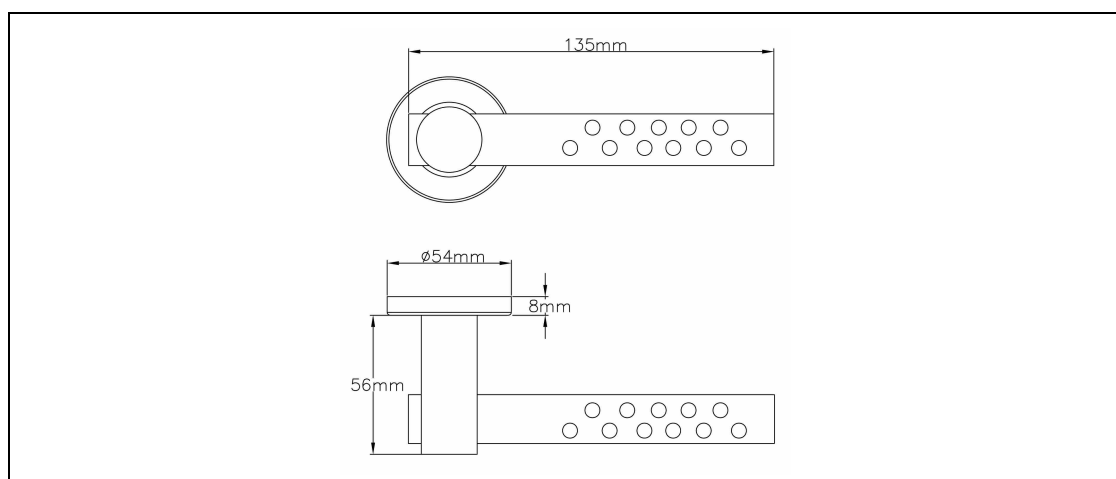


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS41

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 145mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

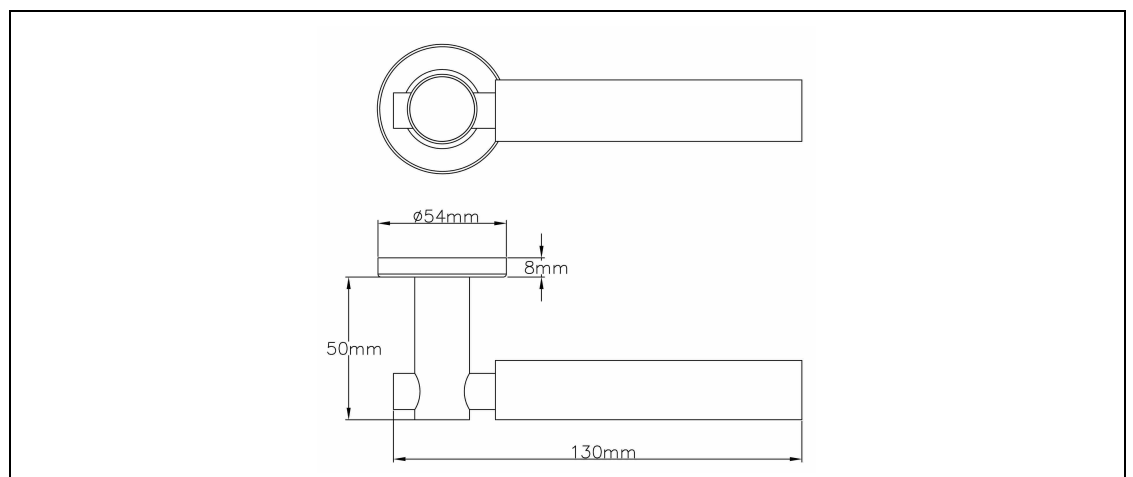


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS42

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 130mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

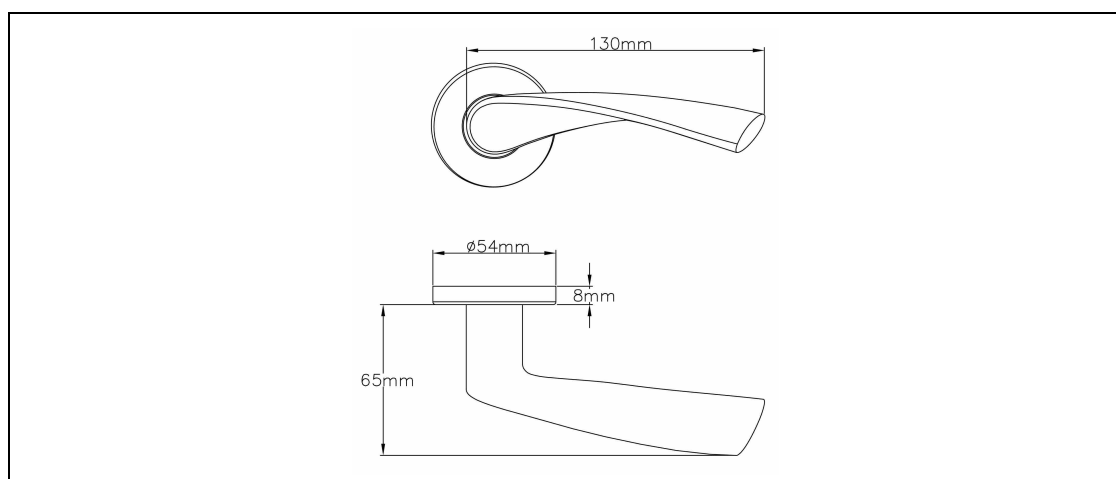


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Solid Stainless Steel Door Furniture

2000RRS43

2000 Series Furniture



ASSA ABLOY

Application:

- For wooden doors between 32 and 50mm thick
- Sprung
- Supplied with bolt-through fixings
- Concealed fixings
- Non-handed

Specification:

- Available in SS316 and SS304 stainless steel
- Metal spring cassette construction
- Handle Length: 145mm
- Handle Projection: 60mm
- Rose Diameter: 54mm
- Rose Projection: 8mm
- Please refer to separate page for accessories
- Supplied with push-on rose as standard
- Available with screw-on rose upon request

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

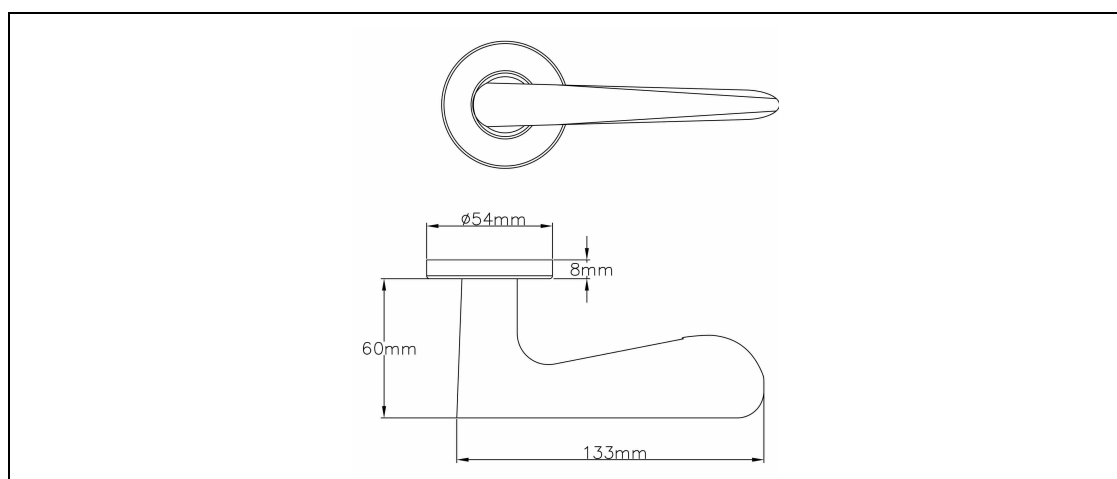


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 480 hours - EN 1670 Grade 4



Technical Design:



Stainless Steel Pull Handles

PH01X

Single Pull Handle



Application:

- Suitable for use on wooden doors
- Available in 4 handle lengths
- Bolt-through fixing

Specification:

- Available in SS316 and SS304 steel
- Handle Diameter: 19mm
- Handle Length: 150, 225, 300 and 425mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

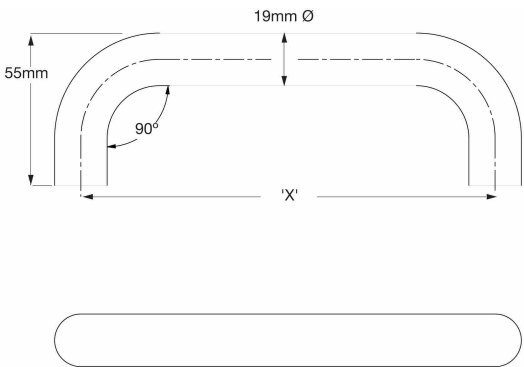


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing – 96 hours –EN 1670 Grade 3



Technical Design:



Product Code	'X'
PH01X150	150mm
PH01X225	225mm
PH01X300	300mm
PH01X425	425mm

Stainless Steel Pull Handles

PH01RX

Single Pull Handle with Rose



Application:

- Suitable for use on wooden doors
- Available in 3 handle lengths
- Concealed face fixing

Specification:

- Available in SS316 and SS304 steel
- Handle Diameter: 19mm
- Handle Length: 150, 225, 300 and 425mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

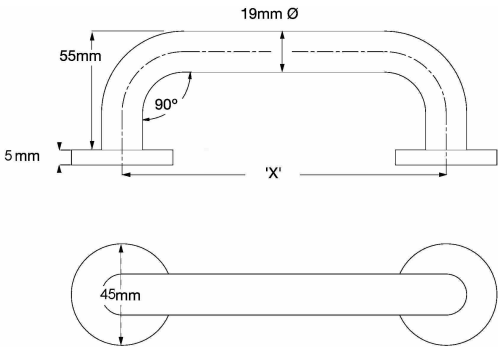


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minutes timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing – 96 hours –EN 1670 Grade 3



Technical Design:



Product Code	'X'
PH01RX150	150mm
PH01RX225	225mm
PH01RX300	300mm
PH01RX425	425mm

Stainless Steel Pull Handles

PH03

Back to Back Pull Handle



Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 diameters
- Available in 4 handle lengths
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 19 or 22mm
- Handle Length: 425mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

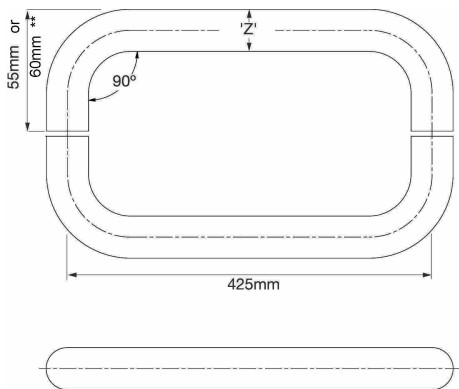


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Product Code	'Z'
PH03425BTBSS19	19mm Ø
PH03425BTBSS22	22mm Ø **

Stainless Steel Pull Handles

PH03X

Back to Back Pull Handle



Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 handle lengths
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 32mm
- Handle Length: 300 or 450mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

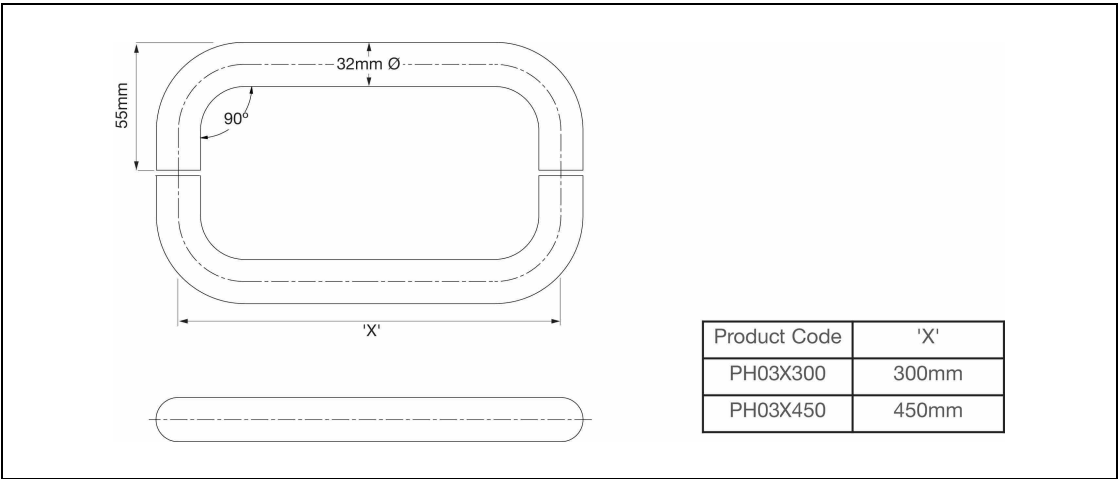


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Stainless Steel Pull Handles

PH04

Back to Back Pull Handle



ASSA ABLOY

Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 handle lengths
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 19mm
- Handle Length: 450 or 600mm
- Fixing Point Distance:
 - 450mm handle - 300mm
 - 600mm handle - 450mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

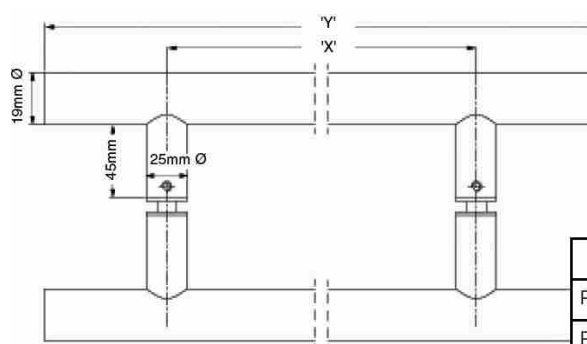


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Product Code	'X'	'Y'
PH04300BTBSS19	300mm	450mm
PH04450BTBSS19	450mm	600mm

Stainless Steel Pull Handles

PH04X

Back to Back Pull Handle



ASSA ABLOY

Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Available in 2 handle lengths
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 32mm
- Handle Length: 450 or 600mm
- Fixing Point Distance:
 - 450mm handle - 300mm
 - 600mm handle - 450mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

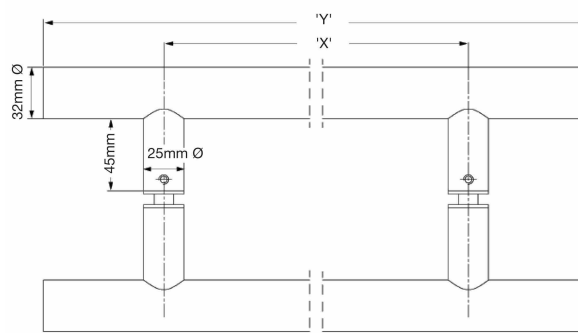


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Product Code	'X'	'Y'
PH04X300	300mm	450mm
PH04X450	450mm	600mm

Stainless Steel Pull Handles

PH05X

Back to Back Pull Handle



ASSA ABLOY

Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 32mm
- Handle Length: 300mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

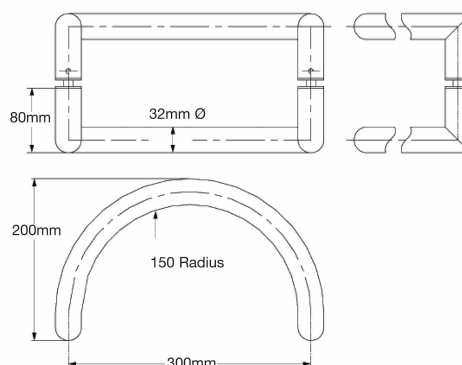


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Stainless Steel Pull Handles

PH06X

Back to Back Pull Handle



ASSA ABLOY

Application:

- Suitable for use on frameless glass, aluminium and wooden doors
- Back to back fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 32mm
- Handle Length: 300mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel

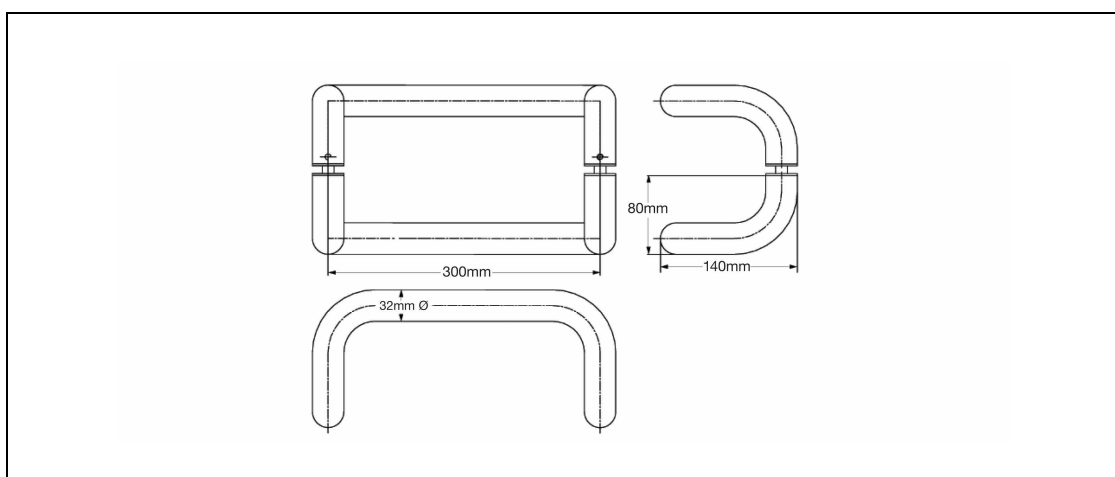


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Stainless Steel Pull Handles

PH07X

Single Pull Handle



ASSA ABLOY

Application:

- Suitable for use on wooden doors
- Available in 3 handle lengths
- Bolt-through fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 22mm
- Handle Length: 225, 300 and 425mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

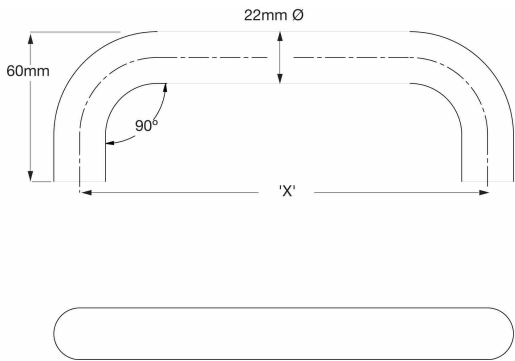


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3
- Assists in fulfilling duties required under the Equality Act (EA)
- Satisfies recommendations of BS8300 and Approved Document M (ADM) - subject to use on a contrasting background



Technical Design:



Product Code	'X'
PH07X225	225mm
PH07X300	300mm
PH07X425	425mm

Stainless Steel Pull Handles

PH07RX

Single Pull Handle with Rose



Application:

- Suitable for use on wooden doors
- Available in 3 handle lengths
- Concealed face fixing

Specification:

- Available in SS316 and SS304 stainless steel
- Handle Diameter: 22mm
- Handle Length: 225, 300 and 425mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel

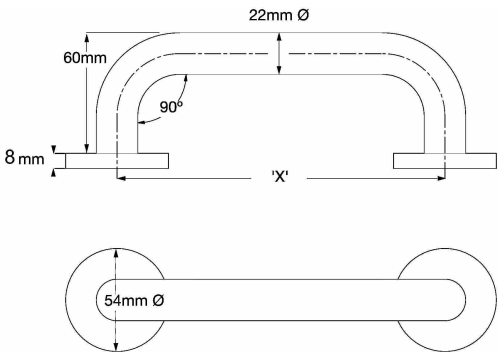


Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors
- Cycle tested to 200,000 cycles
- Corrosion testing - 96 hours - EN 1670 Grade 3



Technical Design:



Product Code	'X'
PH07RX225	225mm
PH07RX300	300mm
PH07RX425	425mm

Stainless Steel Accessories

1000CPE

Euro Profile Cylinder Door Pull



ASSA ABLOY

Application:

- Euro profile cylinder rim pull
- Suitable for euro profile mortice lock

Specification:

- Available in SS316 and SS304 stainless steel
- Width: 50mm
- Height: 94mm
- Projection: 28mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors

Stainless Steel Accessories

1000RP / 1000RECPULL

Circular & Rectangular Flush Pull



ASSA ABLOY

Application:

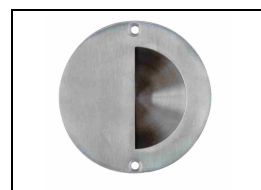
- Suitable for wooden sliding doors

Specification:

- Manufactured from Grade 304 steel
- Diameter: 54mm (round)
- Rectangular pull: 102x51mm
- Projection: 10mm

Finish:

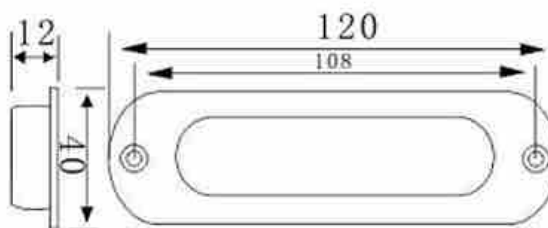
- SS - Satin Stainless Steel
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors

Technical Design:



Stainless Steel Accessories

1000BR

Blind Rose



ASSA ABLOY

Application:

- Suitable for installation of 1000 series half lever sets
- Concealed fixings

Specification:

- Available in SS316 and SS304 stainless steel
- Diameter: 54mm
- Projection: 8mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors

Stainless Steel Accessories

1000EE / 1000OE

Euro / Oval Profile Escutcheons



ASSA ABLOY

Application:

- Suitable for use with euro profile locks (1000EE)
- Suitable for use with oval profile locks (1000OE)
- Concealed fixings

Specification:

- Available in SS316 and SS304 stainless steel
- Diameter: 54mm
- Projection: 8mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on timber FD60 and metal FD240 doors

Technical Design:



Stainless Steel Accessories

1000LT

Large Turn Bar



ASSA ABLOY

Application:

- Suitable for use on bathrooms
- Concealed fixings

Specification:

- Available in SS316 and SS304 stainless steel
- Uses a 5mm spindle
- Diameter: 54mm
- Projection: 8mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors

Stainless Steel Accessories

1000T / 1000ER

Standard Thumbturn / Emergency Release



ASSA ABLOY

Application:

- Suitable for use on bathrooms
- Suitable for use where an emergency function is required
- Concealed fixings

Specification:

- Available in SS316 and SS 04 stainless steel
- Uses a 5mm spindle
- Diameter: 54mm
- Projection: 8mm
- Also available as Turn & Emergency Release kit (1000TER)

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on timber FD60 and metal FD240 fire doors

Technical Design:



Stainless Steel Accessories

1000ST

Standard Thumbturn



ASSA ABLOY

Application:

- Suitable for use on bathrooms
- Concealed fixings

Specification:

- Available in SS316 and SS304 stainless steel
- Uses a 5mm spindle
- Diameter: 54mm
- Projection: 8mm

Finish:

- SS - Satin Stainless Steel
- PB - PVD
- PS - Polished Stainless Steel



Standards:

- BS EN 1634 Part 1 : 2000 assessed for use on 60 minute timber fire doors

Application:

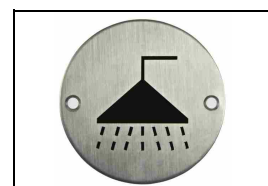
- Screw on design
- For wooden doors only

Specification:

- Available in SS316 and SS304 stainless steel
- Diameter: 75mm
- MS200 - Male sign
- US200 - Unisex sign
- WC200 - Access sign
- BC200 - Baby Change sign
- SS200 - Shower sign
- FS200 - Female sign

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel



Stainless Steel Accessories

PL200 / PS200

Signage - Pull / Push



ASSA ABLOY

Application:

- Screw on design
- For wooden doors only

Specification:

- Available in SS316 and SS304 stainless steel
- Diameter: 75mm

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel



Stainless Steel Accessories

8060

Flush Bolt - 150mm to 450mm



Application:

- For securing the slave leaf of a pair of doors
- Standard installation requires two flushbolts, morticed into the top and bottom of the door for added security and to prevent the door from warping
- Suitable for use on swing or sliding doors

Specification:

- Sprung lever action that flicks the bolt up and down
- Flush installation - discrete, clean and neat
- Radiused corners for simple door preparation and improved styling
- Supplied with fixings for timber doors
- Supplied with a flat locking plate
- Radiused chamfered trigger for smooth edge on finger
- Material: Aluminium
- Width: 20.5mm
- Length: 150mm, 200mm, 300mm and 450mm
- Depth: 22.5mm
- Bolt Projection: 15mm

Finish:

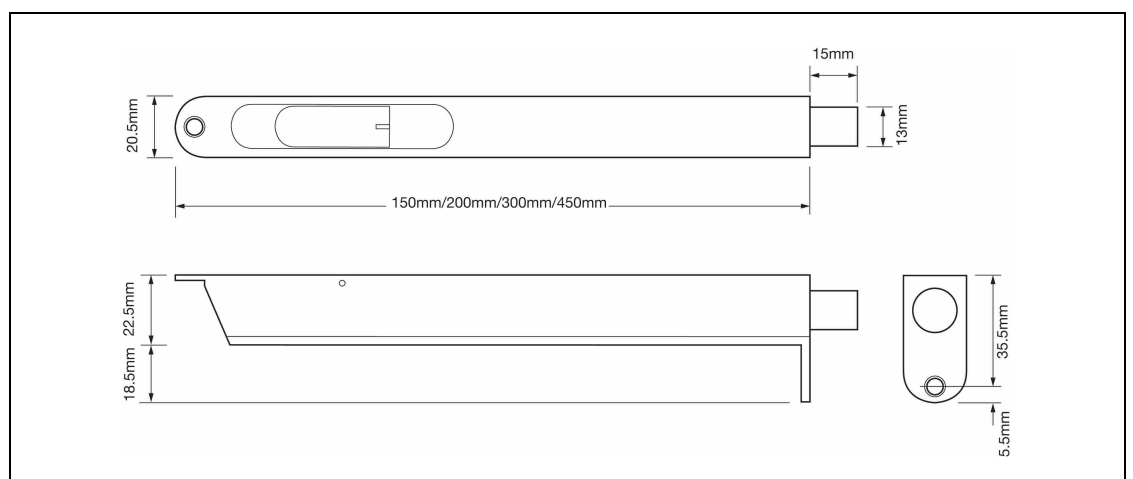
- SS - Satin Stainless Steel finish
- PL - Polished Brass finish
- PS - Polished Stainless Steel finish
- PA - Polished Aluminium
- SA - Satin Aluminium



Standards:

- Durability - 10,000 cycles
- Corrosion - 96 hours resistance
- Security - 100N side load
- Security - 1 minute resistance to side load (4,500N)

Technical Design:



Stainless Steel Accessories

8070

Flush Bolt for Metal Doors



ASSA ABLOY

Application:

- For securing the slave leaf of a pair of doors
- Standard installation requires two flushbolts, morticed into the top and bottom of the door for added security and to prevent the door from warping
- Suitable for use on swing or sliding doors

Specification:

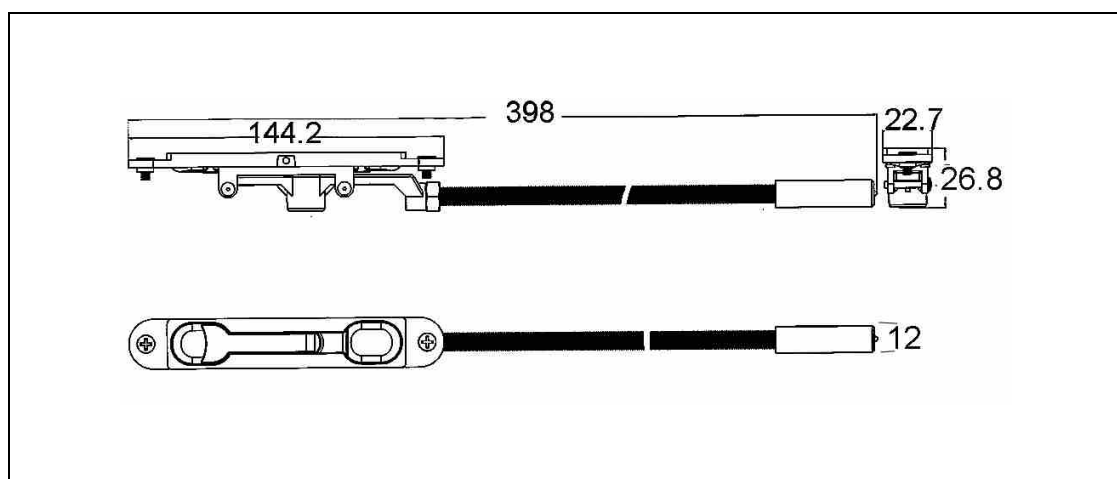
- Sprung lever action that flicks the bolt up and down
- Flush installation - discrete, clean and neat
- Radiused corners for simple door preparation and improved styling
- Supplied with fixings for metal doors
- Radiused chamfered trigger for smooth edge on finger
- Material:
 - Zinc Alloy housing
 - Steel rod & bolt

Finish:

- SC - Satin Chrome finish



Technical Design:



Stainless Steel Accessories

SY011 / SY012

Pull / Push Plates



ASSA ABLOY

Application:

- Screw on design
- For wooden doors only

Specification:

- Available in SS316 and SS304 stainless steel
- Available as plain, pull and push plates
- Available in two sizes
- SY012 - pull handle size 19dia x160mm centre

Finish:

- SS - Satin Stainless Steel



Stainless Steel Accessories

HC100

Hat/Coat Hook



ASSA ABLOY

Application:

- Wall mounted
- Screw in design

Specification:

- Available in SS316 and SS304 stainless steel
- Size: 85mm overall height x 60mm overall projection

Finish:

- SS - Satin Stainless Steel complete with black rubber buffer
- PS - Polished Stainless Steel complete with black rubber buffer



Stainless Steel Accessories

Floor / Door Mounted Doorstops



Application:

- Screw in design
- Suitable for concrete floors (DS100)

Specification:

- Available in SS316 and SS304 stainless steel
- Measurements:
 - 44 x 24mm (DS100 floor mounted)
 - 29 x 40mm (DS101 floor mounted)
 - 19 x 90mm (DS102 wall mounted)

Finish:

- SS - Satin Stainless Steel complete with black rubber buffer
- PS - Polished Stainless Steel complete with black rubber buffer



Stainless Steel Accessories

8400

Floor Mounted Magnetic Doorstop



ASSA ABLOY

Application:

- Floor mounted
- Screw in design

Specification:

- Magnetic hold open

Finish:

- SS - Satin Stainless Steel
- PB - Polished Brass



Stainless Steel Accessories

SDH888-70

Foot Operated Door Stop/Holder



ASSA ABLOY

Application:

- For any wood or steel door

Specification:

- Body: Stainless Steel
- Shoot: Steel with rubber
- Mechanism: Foot operated
- Size: 140mm, 200mm and 255mm

Finish:

- SS - Satin Stainless Steel



Stainless Steel Accessories

8183

Door Viewer



ASSA ABLOY

Application:

- Suitable for wooden doors 40-54mm thick

Specification:

- Body: Brass
- Lens Angle: 180°
- Also available visi-packed with flap

Finish:

- SC - Satin Chrome
- PB - Polished Brass
- AB - Antique Brass



Stainless Steel Accessories

XA808B

Dust Proof Socket



ASSA ABLOY

Application:

- Suitable for concrete floors
- To suit 8055 flush bolt

Finish:

- SS - Satin Stainless Steel
- PS - Polished Stainless Steel



Stainless Steel Accessories

DC

Door Chain



ASSA ABLOY

Application:

- Suitable for wooden doors
- Simple to use, easy to fit

Specification:

- Helps identify a caller before the door is fully released
- Surface fitted security accessory

Finish:

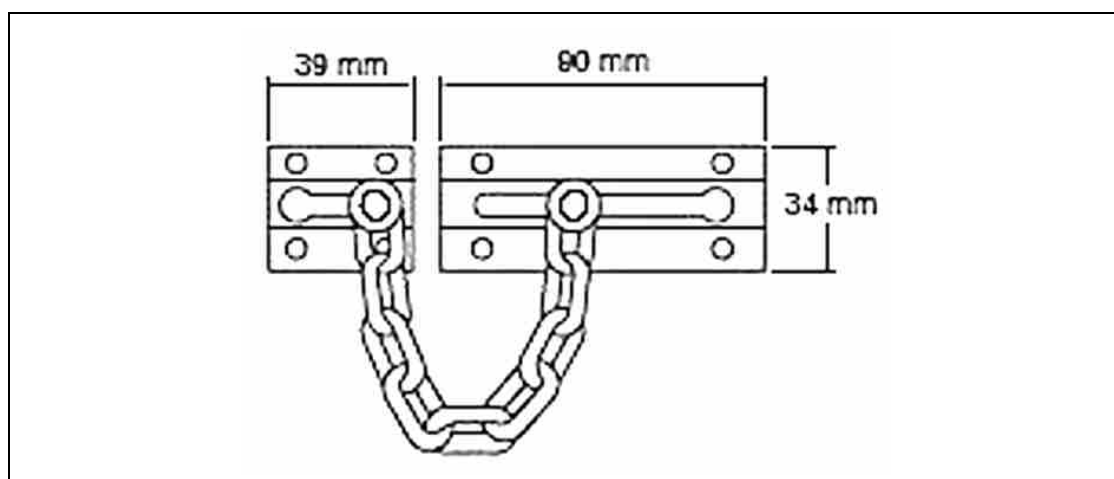
- BP - Brass Plated
- CP - Chrome Plated



Standards:



Technical Design:



Stainless Steel Accessories

DB

Door Bolt



ASSA ABLOY

Application:

- Suitable for wooden doors hinged on the left or right, opening inwards or outwards

Specification:

- Insert key into security bolt to operate bolt and deadlocks the door
- Door bolt is concealed within the door

Finish:

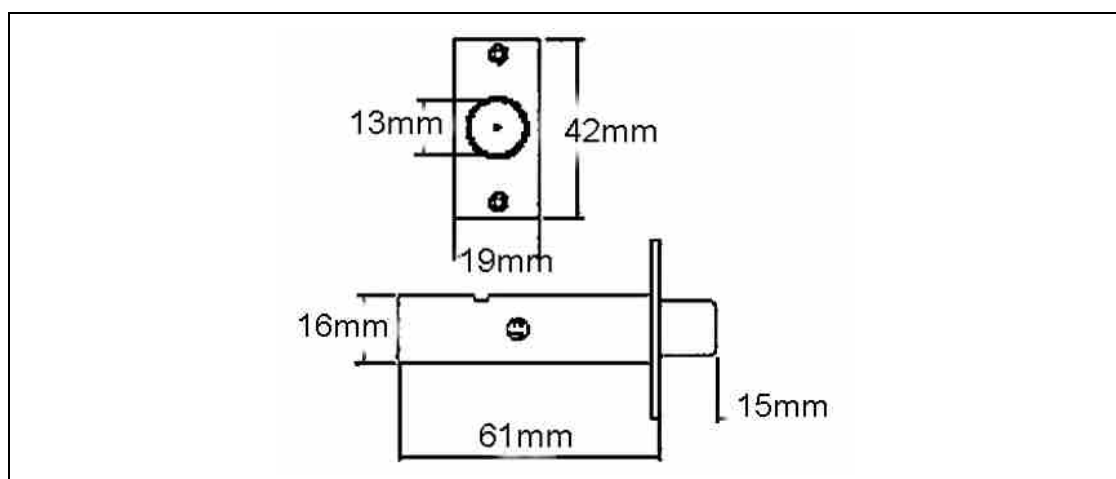
- SC - Satin Chrome finish
- PB - Polished Brass finish



Standards:



Technical Design:



Zinc Door Furniture

UNION has established ranges of zinc lever door furniture, ideal for specification, particularly contract projects when a straight forward replacement product is required.



Rose / Backplate

The component containing the door handle mechanism, UNION zinc lever furniture features round roses and backplates. Backplate available with 72mm, 78mm and 85mm centres

Escutcheon

Supplied complete with round roses where applicable

Spindle

All furniture is supplied with an 8mm spindle

Handle

- **Sprung** - All UNION zinc lever handles are spring loaded. This enables the handle to return to the horizontal position irrespective of any spring action in the lock
- **Non-Handed** - All UNION zinc lever furniture is non-handed, meaning the product can be used universally on either the left or right hand side of the door

Finishes

UNION zinc furniture is available in a wide range of finishes. For further details please refer to individual product pages



Zinc Door Furniture

700RRS01

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 70mm
- Handle Length: 115mm
- Rose Projection: 10mm
- Rose Diameter: 54mm
- Spindle: Steel, 8mm, square
- Available in boxed or visi-pack

Finish:

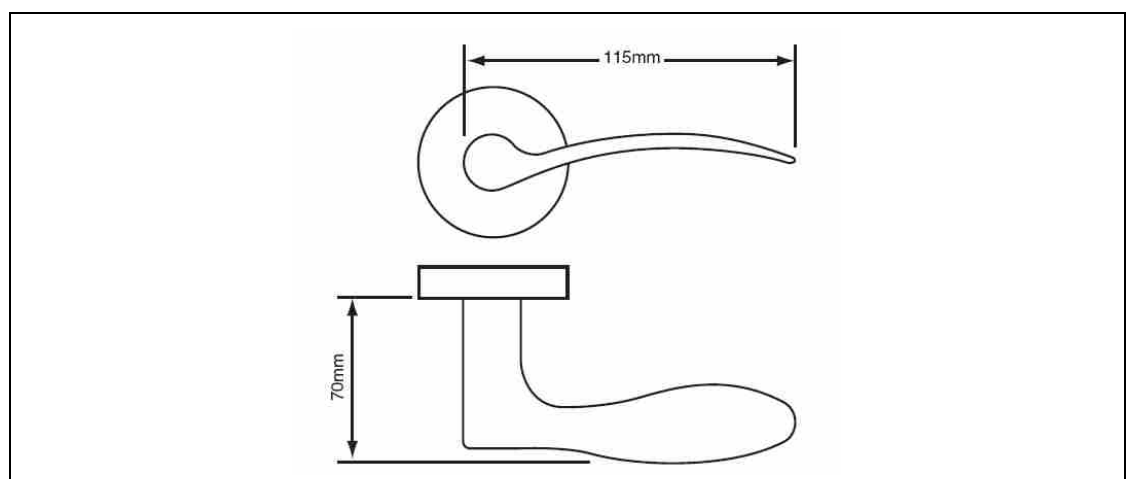
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS02

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 45mm
- Handle Length: 115mm
- Rose Projection: 10mm
- Rose Diameter: 54mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi-pack

Finish:

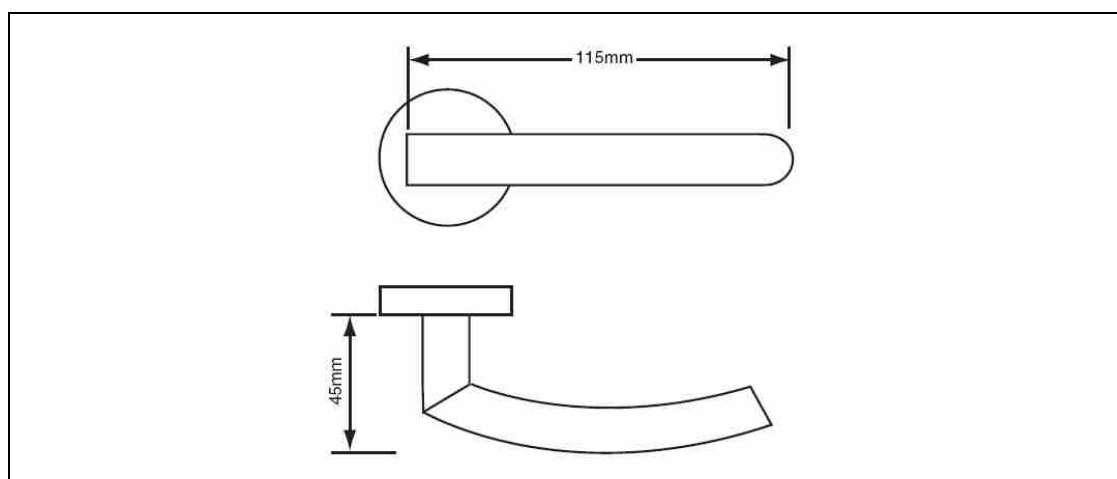
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS03

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 55mm
- Handle Length: 120mm
- Rose Projection: 10mm
- Rose Diameter: 54mm
- Spindle: Steel, 8mm, square

Finish:

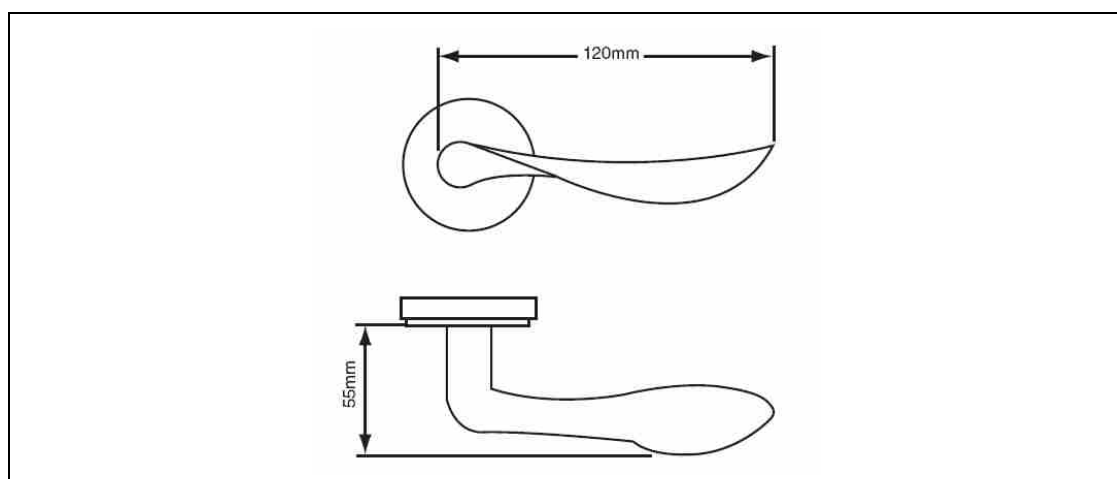
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS04

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 48mm
- Handle Length: 115mm
- Rose Projection: 10mm
- Rose Diameter: 54mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi pack

Finish:

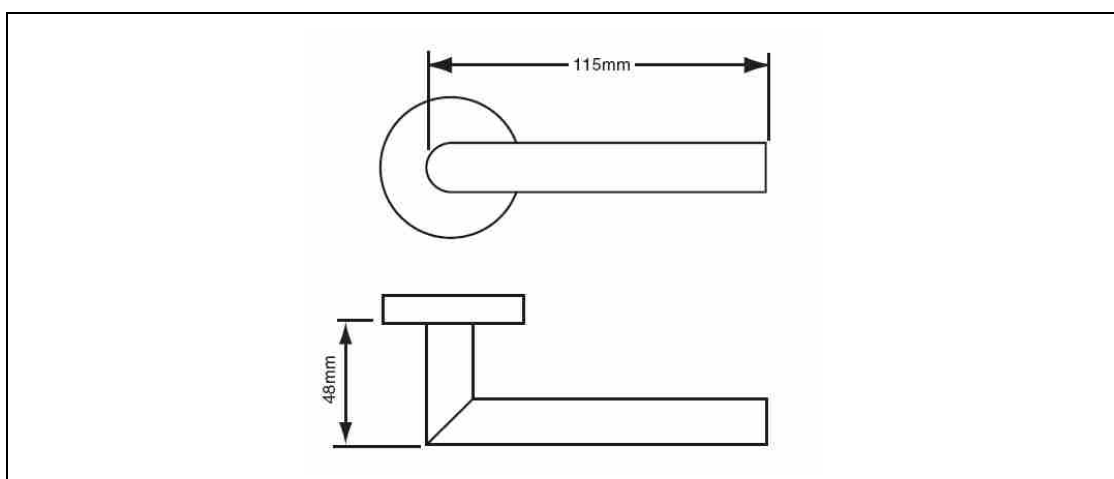
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS05

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Overall projection: 64mm
- Handle Length: 105mm
- Rose Projection: 11mm
- Rose Diameter: 56mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi-pack

Finish:

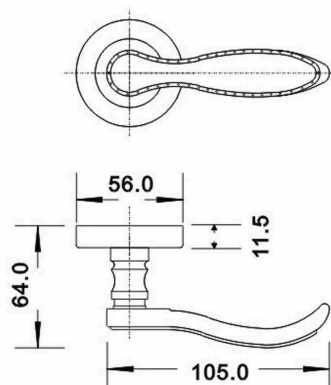
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS06

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 50mm
- Handle Length: 105mm
- Rose Projection: 10mm
- Rose Diameter: 54mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi-pack

Finish:

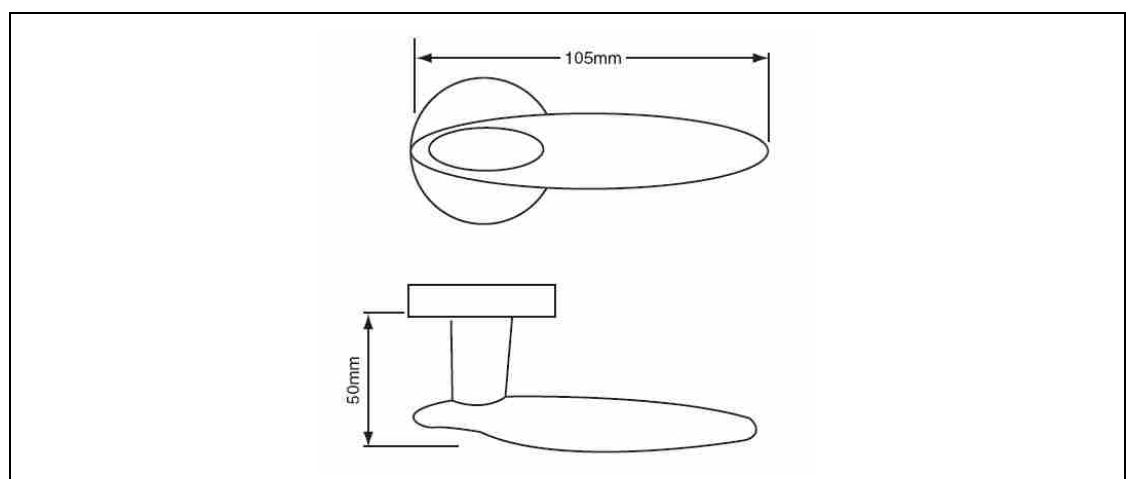
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700RRS07

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings
- Supplied with Escutcheons

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Overall Projection: 60mm
- Handle Length: 118mm
- Rose Projection: 12mm
- Rose Diameter: 56mm
- Spindle: Steel, 8mm, square

Finish:

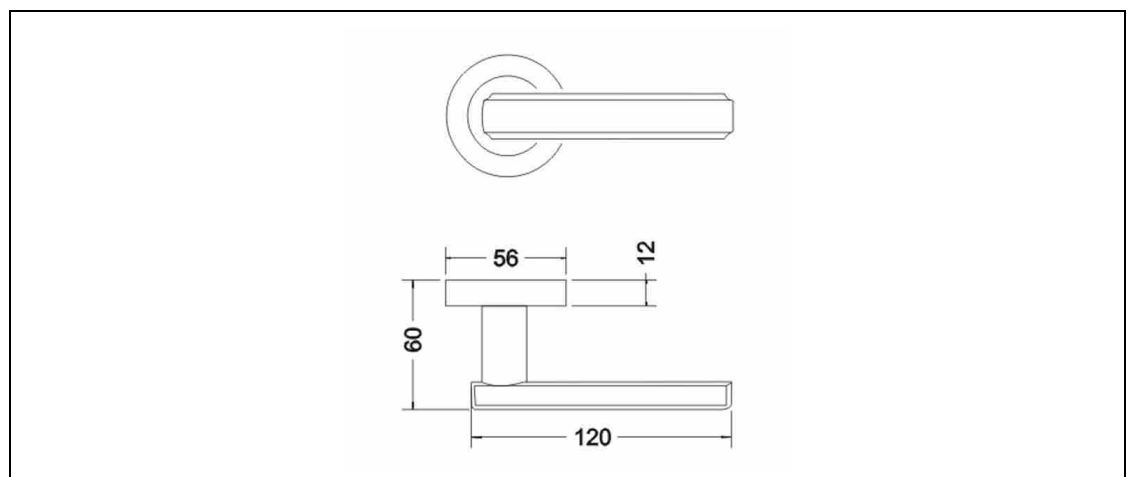
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700BS08

Residential Door Furniture



Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings
- Supplied with backplate

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Available as Emergency Release (ER), Euro Profile (EP) or Oval Profile (OP)
- Centre:
 - 85mm
 - 70mm
- Overall Projection: 53mm
- Handle Length: 118mm
- Plate Height: 255mm
- Plate Width: 50mm
- Spindle: Steel, 8mm

Finish:

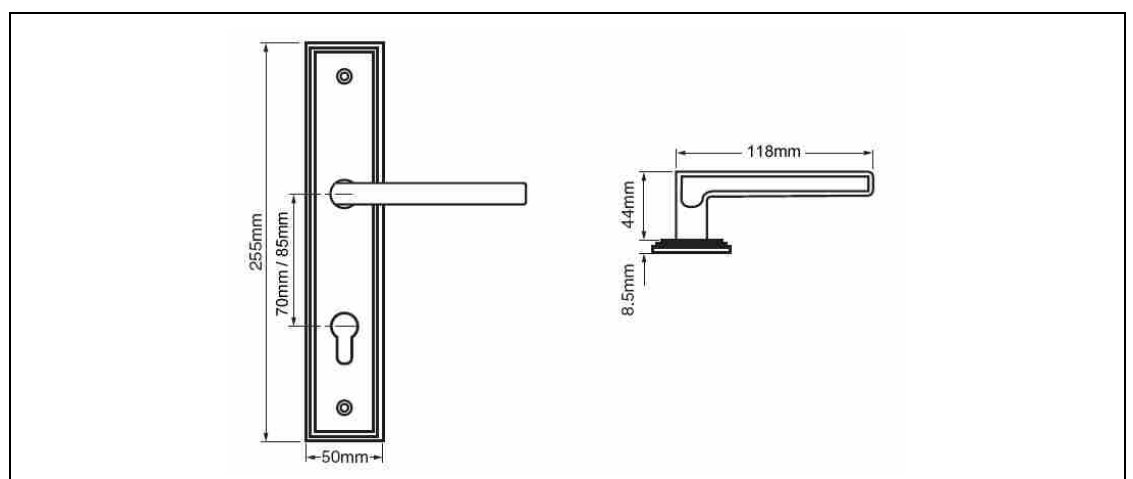
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700BS09

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings
- Supplied with backplate

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Available as Emergency Release (ER), Euro Profile (EP) or Oval Profile (OP)
- Centre:
 - 85mm
 - 70mm
- Overall Projection: 57mm
- Handle Length: 114mm
- Plate Height: 240mm
- Plate Width: 50mm
- Spindle: Steel, 8mm, square

Finish:

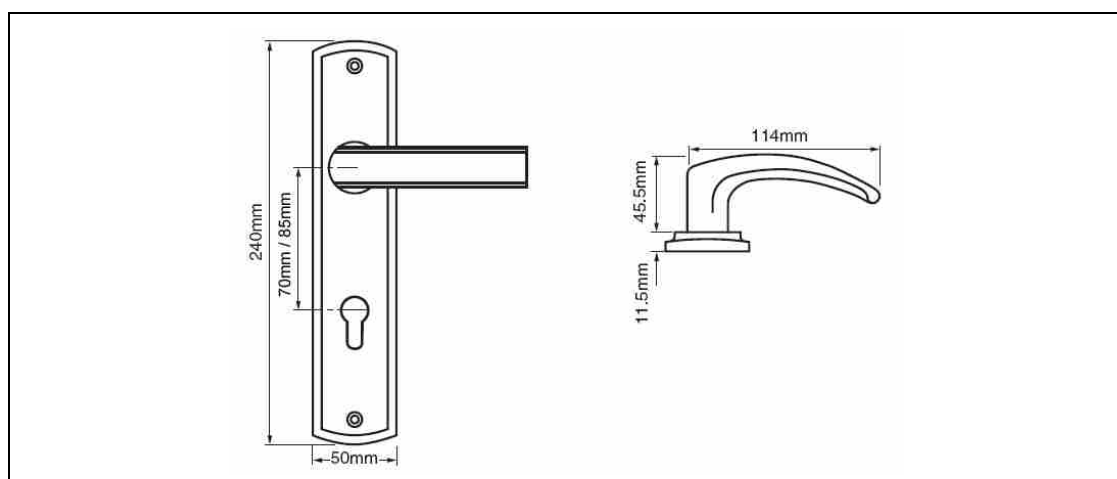
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700BS10

Residential Door Furniture



Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings
- Supplied with backplate

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Available as Emergency Release (ER), Euro Profile (EP) or Oval Profile (OP)
- Centre:
 - 85mm
 - 70mm
- Overall Projection: 68mm
- Handle Length: 117mm
- Plate Height: 277mm
- Plate Width: 48mm
- Spindle: Steel, 8mm, square

Finish:

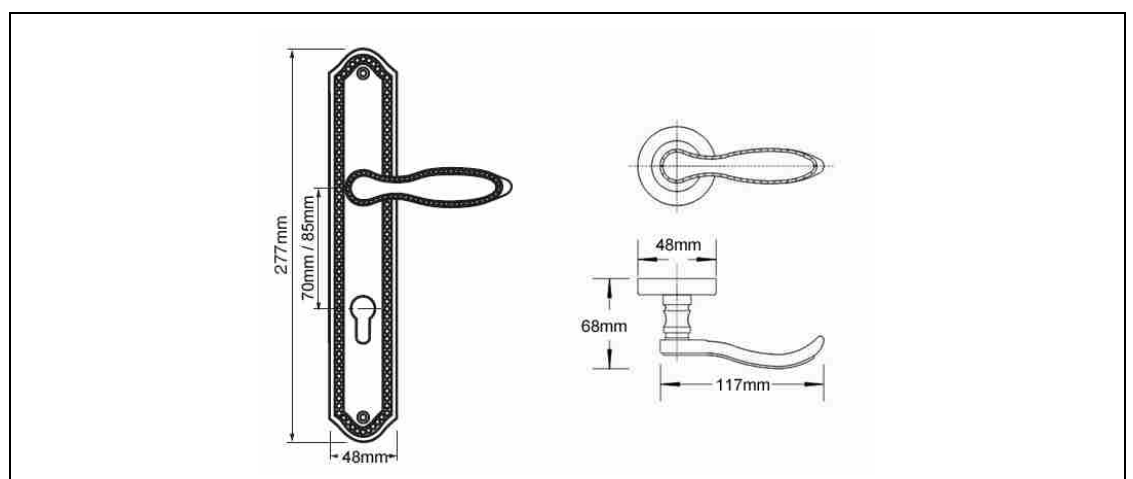
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700BS11

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings
- Supplied with backplate

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Available as Emergency Release (ER), Euro Profile (EP) or Oval Profile (OP)
- Centre:
 - 85mm
 - 70mm
- Overall Projection: 57mm
- Handle Length: 117mm
- Plate Height: 250mm
- Plate Width: 50mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi-pack

Finish:

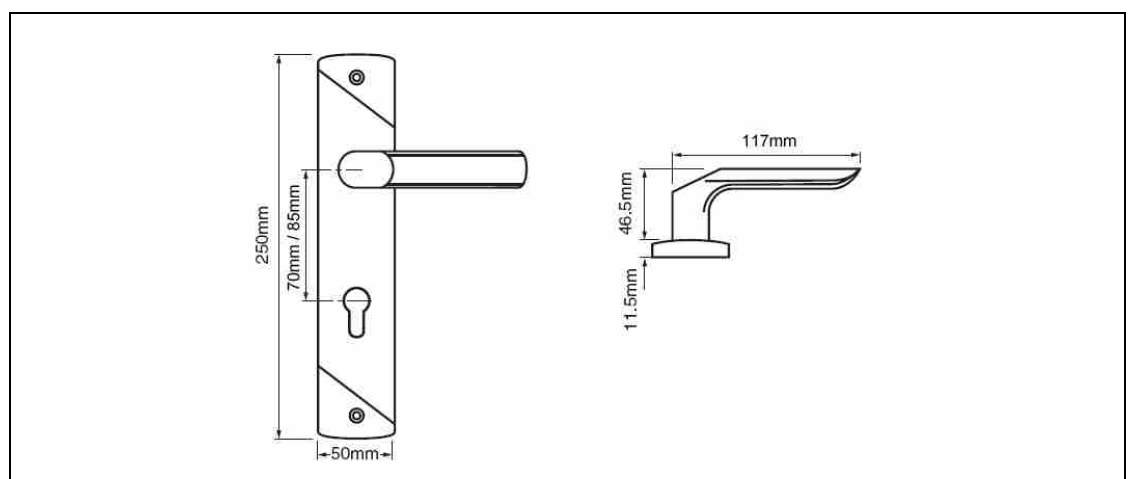
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700BS12

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings
- Supplied with backplate

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Available as Emergency Release (ER), Euro Profile (EP) or Oval Profile (OP)
- Centre:
 - 85mm
 - 70mm
- Overall Projection: 62mm
- Handle Length: 127mm
- Plate Height: 260mm
- Plate Width: 50mm
- Spindle: Steel, 8mm, square
- Available as boxed or visi-packed

Finish:

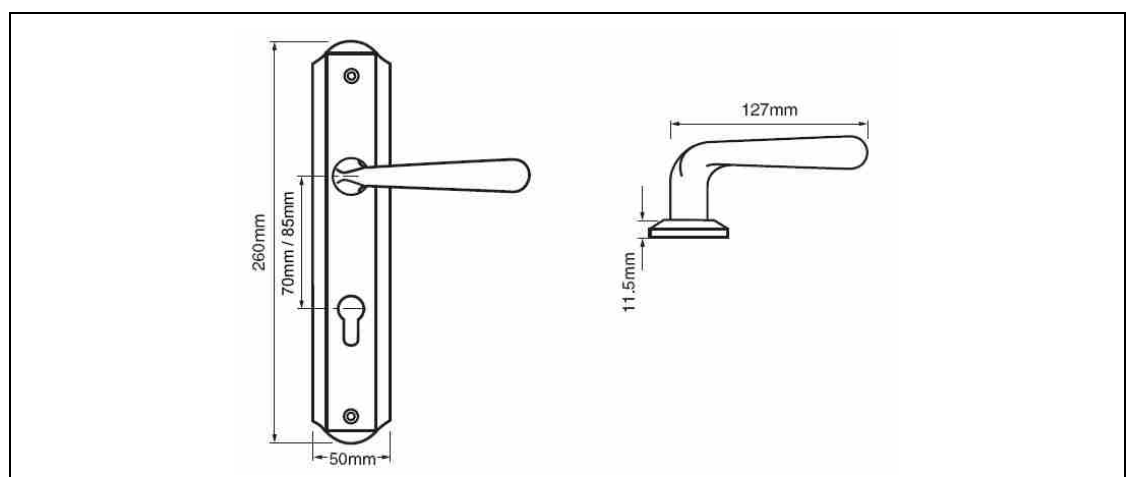
- SC - Satin Chrome
- PC - Polished Chrome
- BN - Black Nickel
- AB - Antique Brass
- PB - Polished Brass



Standards:



Technical Design:



Zinc Door Furniture

700SR13

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings

Specification:

- Material: Zinc Alloy
- Square rose
- Sprung lever handle mechanism
- Handle Projection: 61mm
- Handle Length: 130mm
- Rose Projection: 10mm
- Rose Diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

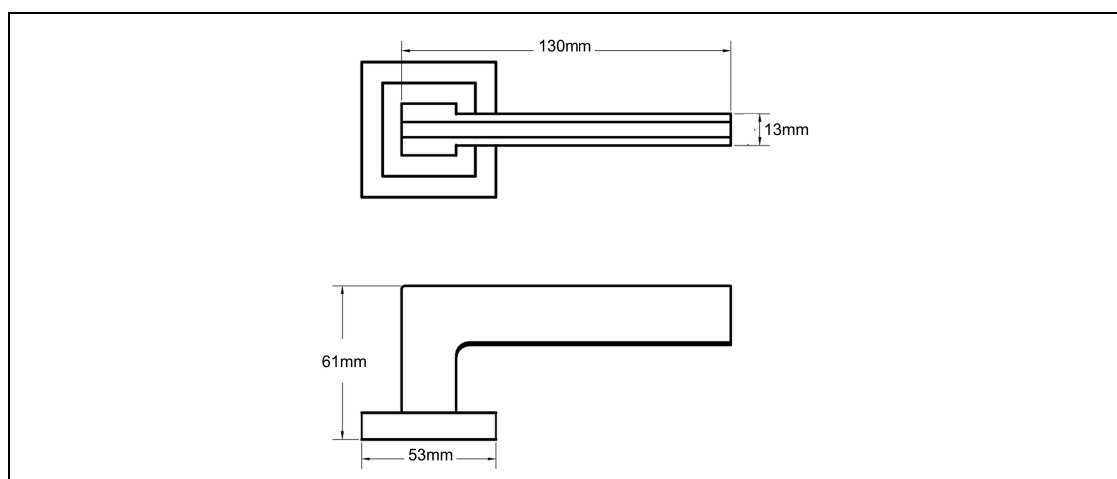
- SSF - Stainless Steel Finish



Standards:



Technical Design:



Zinc Door Furniture

700BS13

Residential Door Furniture



Application:

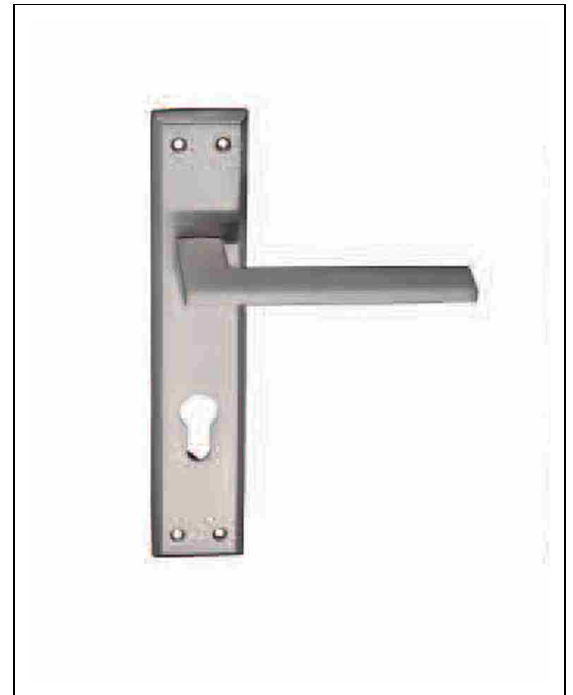
- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Centre: 85mm
- Handle Length: 130mm
- Plate Height: 235mm
- Plate Width: 44mm
- Spindle: Steel, 8mm, square

Finish:

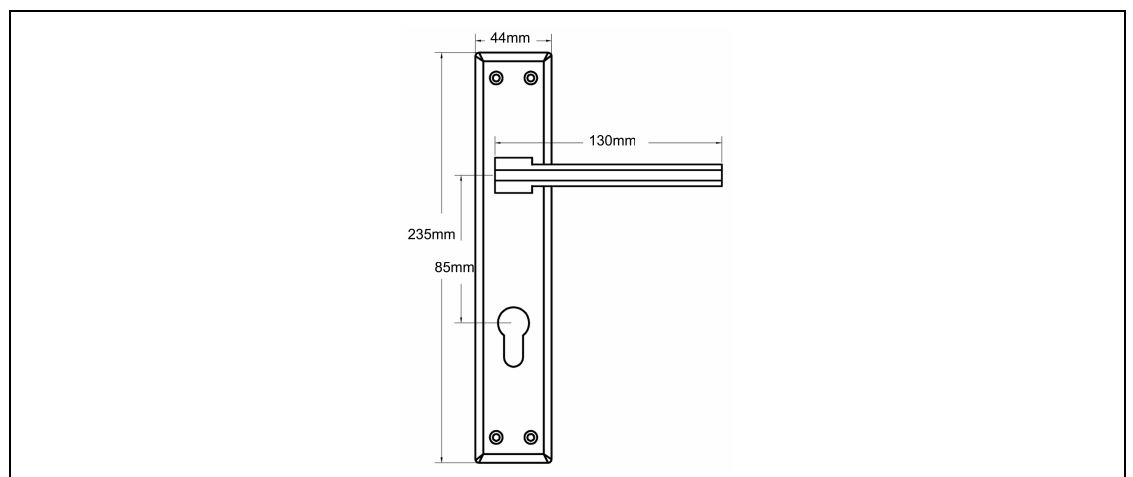
- SSF - Stainless Steel Finish



Standards:



Technical Design:



Zinc Door Furniture

700RRS14

Residential Door Furniture



Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 60mm
- Handle Length: 120mm
- Rose Projection: 10mm
- Rose Diameter: 52mm
- Spindle: Steel, 8mm, square

Finish:

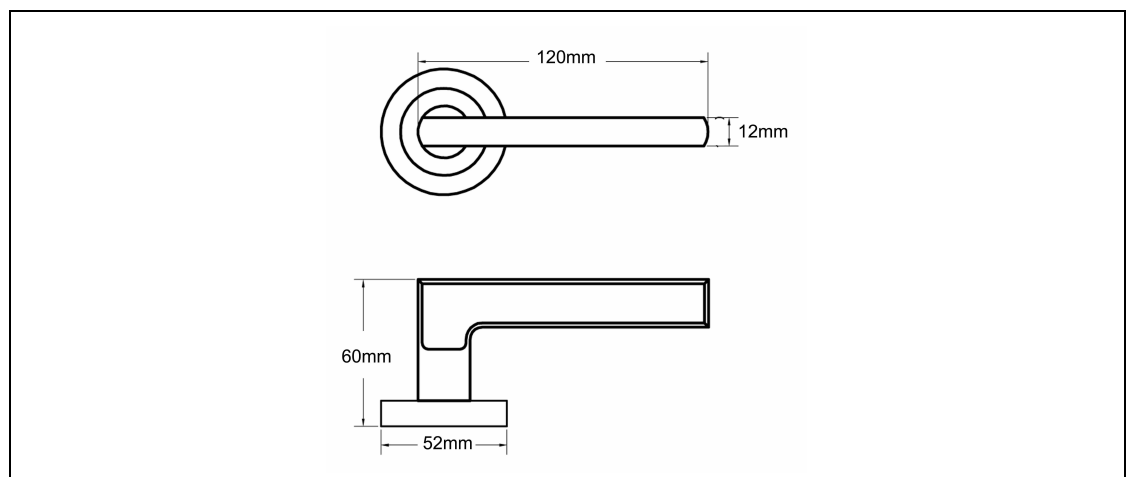
- SSF - Stainless Steel Finish
- AB - Antique Brass Finish



Standards:



Technical Design:



Zinc Door Furniture

700BS14

Residential Door Furniture



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION Mortice Locks
- Wood screw fixings

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Centre: 85mm
- Handle Length: 120mm
- Plate Height: 235mm
- Plate Width: 44mm
- Spindle: Steel, 8mm, square

Finish:

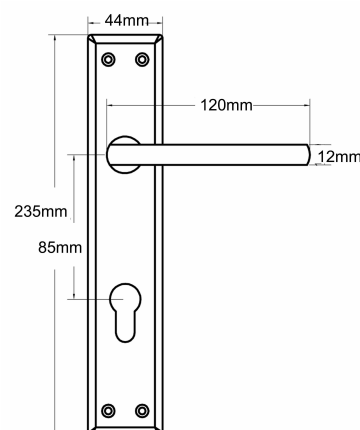
- SSF - Stainless Steel Finish
- AB - Antique Brass Finish



Standards:



Technical Design:



Zinc Door Furniture

700SR15

Residential Door Furniture



ASSA ABLOY

Application:

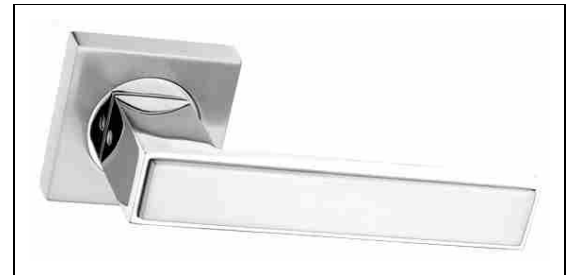
- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings

Specification:

- Material: Zinc
- Square Rose
- Sprung lever handle mechanism
- Handle Length: 130mm
- Rose Projection: 10mm
- Rose Diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

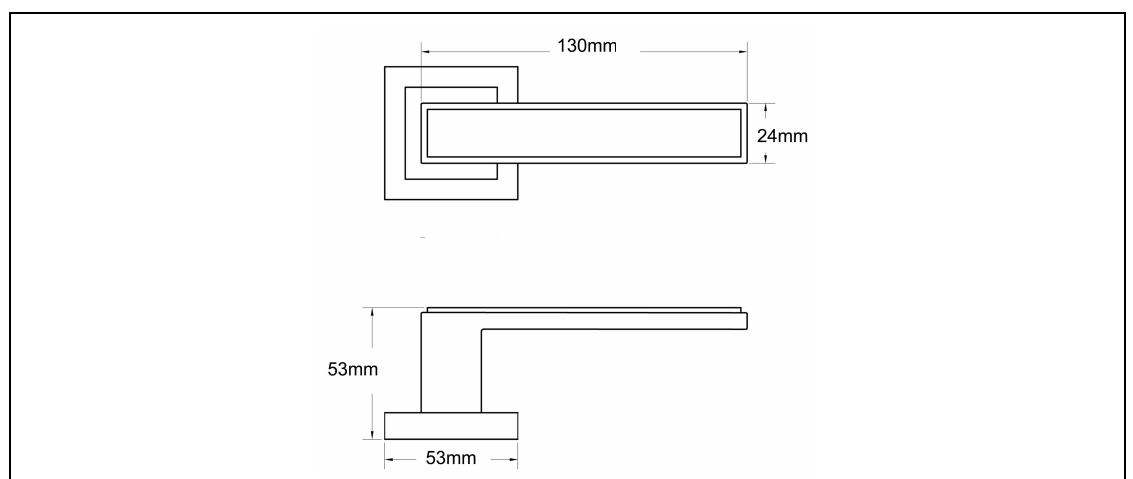
- SSF - Stainless Steel Finish
- CH - Chrome Finish



Standards:



Technical Design:



Zinc Door Furniture

700SR16

Residential Door Furniture



ASSA ABLOY

Application:

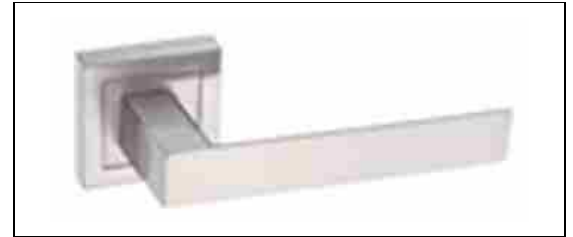
- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings

Specification:

- Material: Zinc
- Square Rose
- Sprung lever handle mechanism
- Handle Length: 130mm
- Rose Projection: 10mm
- Rose Diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

- SSF - Stainless Steel Finish
- AB - Antique Brass Finish



Standards:



Zinc Door Furniture

700SR17

Residential Door Furniture



ASSA ABLOY

Application:

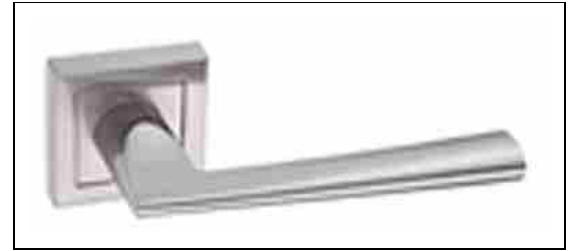
- All furniture is designed and recommended for use with UNION Mortice Locks
- Concealed wood screw fixings

Specification:

- Material: Zinc Alloy
- Square rose
- Sprung lever handle mechanism
- Handle Length: 130mm
- Rose Projection: 10mm
- Rose Diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

- SSF - Stainless Steel Finish
- AB - Antique Brass Finish



Standards:



Zinc Door Furniture

Bello 678 Series

Residential Door Furniture



ASSA ABLOY

Application:

- Suitable for the majority of Mortice Locks
- Wood screw fixings
- Supplied with backplate
- Also available as a complete lockset

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 52mm
- Handle Length: 97mm
- Plate Projection: 8mm
- Plate Length: 165mm
- Plate Width: 45.5mm
- Spindle: Steel, 8mm, square

Finish:

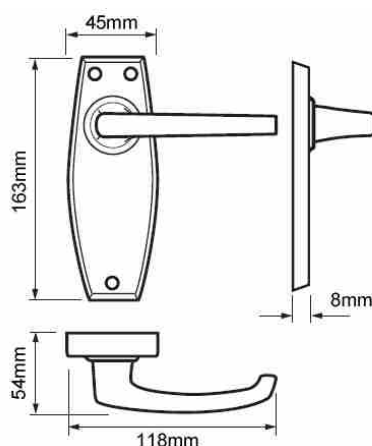
- CH - Chrome Plated



Standards:



Technical Design:



	Model	Centres
	678-24	57mm
	678-73	57mm

Zinc Door Furniture

Gower 682 Series

Residential Door Furniture



Application:

- Suitable for the majority of Mortice Locks
- Wood screw fixings
- Supplied with backplate
- Also available as a complete lockset

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 44mm
- Handle Length: 94mm (to spindle centre)
- Plate Projection: 7.5mm
- Plate Length: 178mm or 152mm
- Plate Width: 41mm
- Spindle: Steel, 8mm, square

Finish:

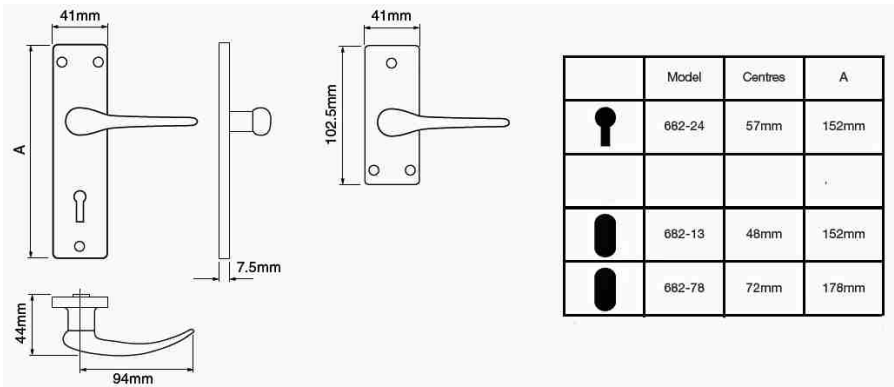
- CH - Chrome Plated



Standards:



Technical Design:



Zinc Door Furniture

Radius 692 Series

Residential Door Furniture



Application:

- Suitable for the majority of Mortice Locks
- Wood screw fixings
- Supplied with backplate
- Also available as a complete lockset

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 44.5mm
- Handle Length: 85.5mm (to spindle centre)
- Plate Projection: 7.5mm
- Plate Length: 178mm or 152mm
- Plate Width: 41mm
- Spindle: Steel, 8mm, square

Finish:

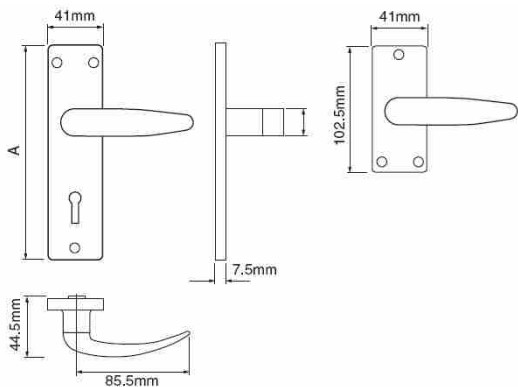
- CH - Chrome Plated



Standards:



Technical Design:



	Model	Centres	A
	692-24	57mm	152mm
	692-13	48mm	152mm
	692-73	57mm	152mm

Zinc Door Furniture

Wedge 693 Series

Residential Door Furniture



ASSA ABLOY

Application:

- Suitable for the majority of Mortice Locks
- Wood screw fixings
- Supplied with backplate
- Also available as a complete lockset

Specification:

- Material: Zinc
- Sprung lever handle mechanism
- Handle Projection: 36.5 or 45mm
- Handle Length: 82.5mm (to spindle centre)
- Plate Projection: 7.5mm
- Plate Length: 152mm or 203mm
- Plate Width: 42mm/47.5mm
- Spindle: Steel, 8mm, square

Finish:

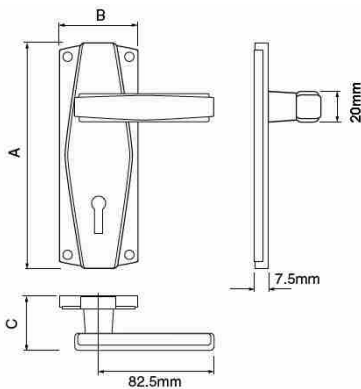
- CH - Chrome Plated



Standards:



Technical Design:



	Model	Centres	A	B	C
	693-24	57mm	152mm	42mm	36.5mm
	693-78	72mm	203mm	47.5mm	45mm

Zinc Door Furniture

8094

Indicator Bolt



Application:

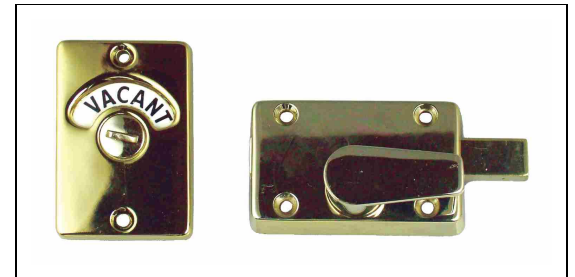
- Suitable for wooden doors between 28 - 48mm

Specification:

- Material: Zinc
- Bolt Projection: 20mm
- Body Width: 66mm
- Body Height: 40.5mm
- Body Projection: 28.7mm
- Indicator Width: 42mm
- Indicator Height: 62mm
- Indicator Projection: 7mm

Finish:

- CH - Chrome finish
- EB - Electro Brass
- SC - Satin Chrome



Standards:



Duo Door Furniture

5000SR01

Square Rose Lever Handle - Rome



ASSA ABLOY

Application:

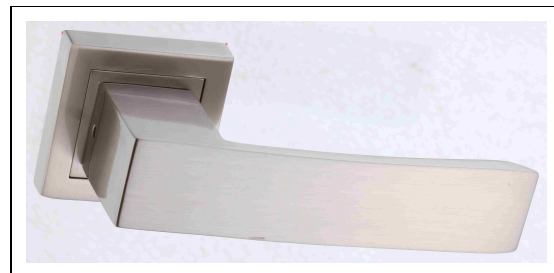
- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Zinc & brass
- Handle projection: 53mm
- Handle length: 135mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

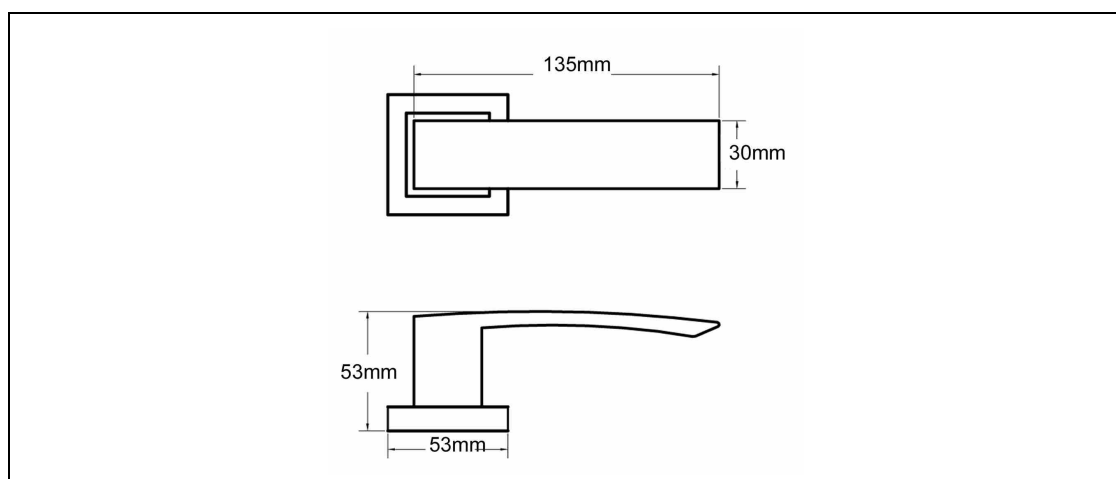
- SSF - Stainless Steel finish
- AB - Antique Brass finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000BP01

Lever on Backplate - Rome



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Wood screw fixings

Specification:

- Non-handed
- Sprung lever handle mechanism
- Material: Zinc & brass
- Handle length: 135mm
- Plate projection: 10mm
- Plate height: 230mm
- Plate width: 44mm
- Centre: 85mm
- Spindle: Steel, 8mm, square

Finish:

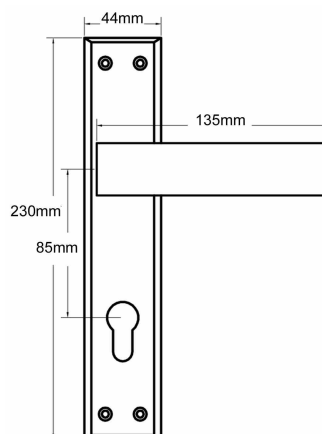
- SS - Stainless Steel finish
- AB - Antique Brass finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000PH01-300

Pull Handle - Rome



ASSA ABLOY

Application:

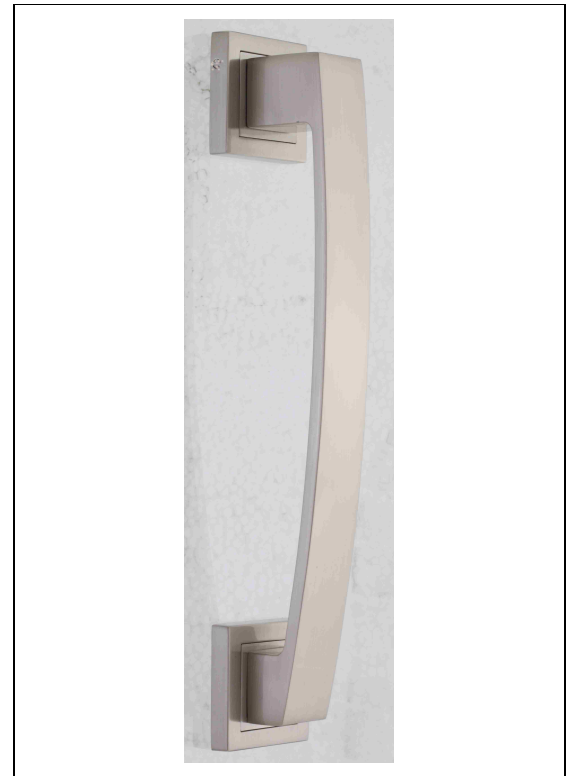
- Suitable for use on wooden doors

Specification:

- Material: Zinc & brass
- Handle length: 307mm
- Square rose
- Rose projection: 10mm
- Rose width: 53mm
- Centre: 254mm
- Spindle: Steel, 8mm, square

Finish:

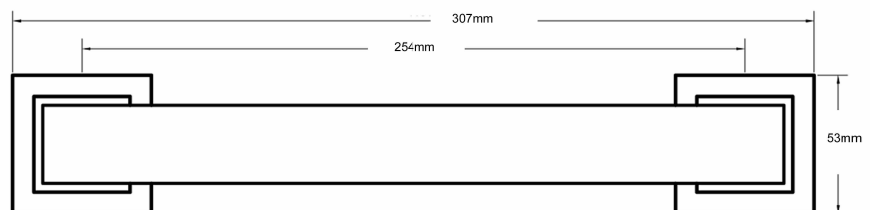
- SS - Stainless Steel finish
- AB - Antique Brass finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000SR02

Square Rose Lever Handle - Berlin



ASSA ABLOY

Application:

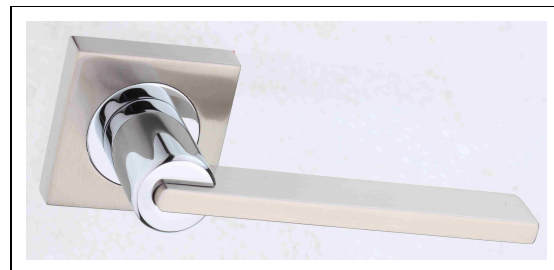
- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Brass
- Handle projection: 55mm
- Handle length: 130mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

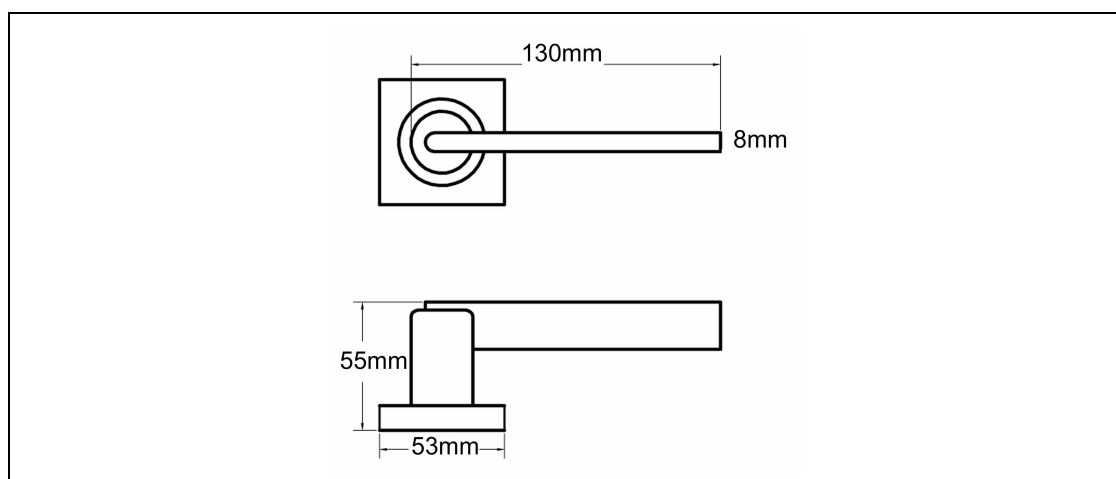
- SS - Stainless Steel finish
- SG - Satin & Gold finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000BP02

Lever on Backplate - Berlin



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Wood screw fixings

Specification:

- Non-handed
- Sprung lever handle mechanism
- Material: Brass
- Handle length: 130mm
- Plate projection: 10mm
- Plate height: 250mm
- Plate width: 48mm
- Centre: 85mm
- Spindle: Steel, 8mm, square

Finish:

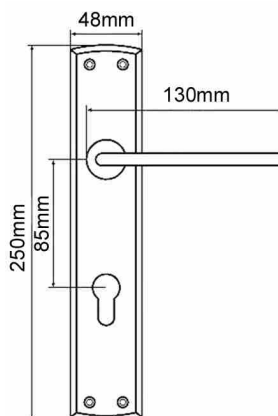
- SS - Stainless Steel finish
- SG - Satin & Gold finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000PH02-300

Pull Handle - Berlin



ASSA ABLOY

Application:

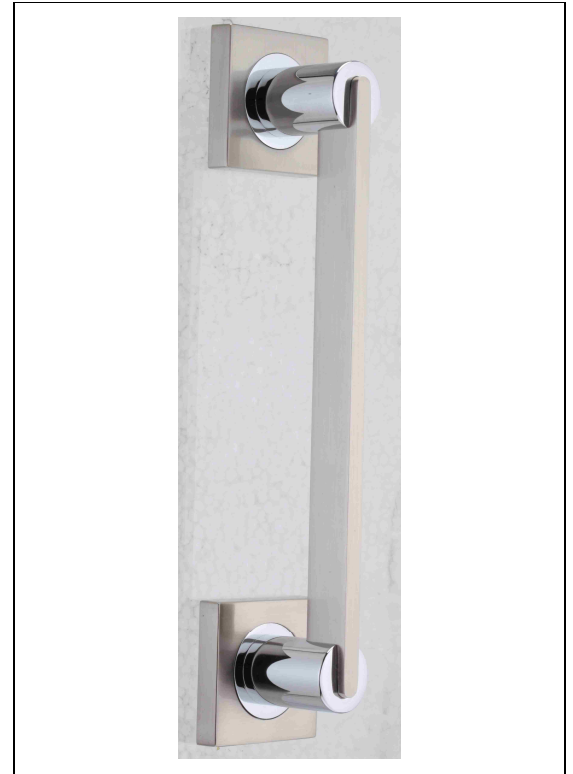
- Suitable for use on wooden doors

Specification:

- Material: Brass
- Handle length: 307mm
- Square rose
- Rose projection: 10mm
- Rose width: 53mm
- Centre: 254mm
- Spindle: Steel, 8mm, square

Finish:

- SS - Stainless Steel finish
- SG - Satin & Gold finish
- CH - Chrome finish



Standards:



Duo Door Furniture

5000SR03

Square Rose Lever Handle - London



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Brass
- Handle projection: 60mm
- Handle length: 130mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

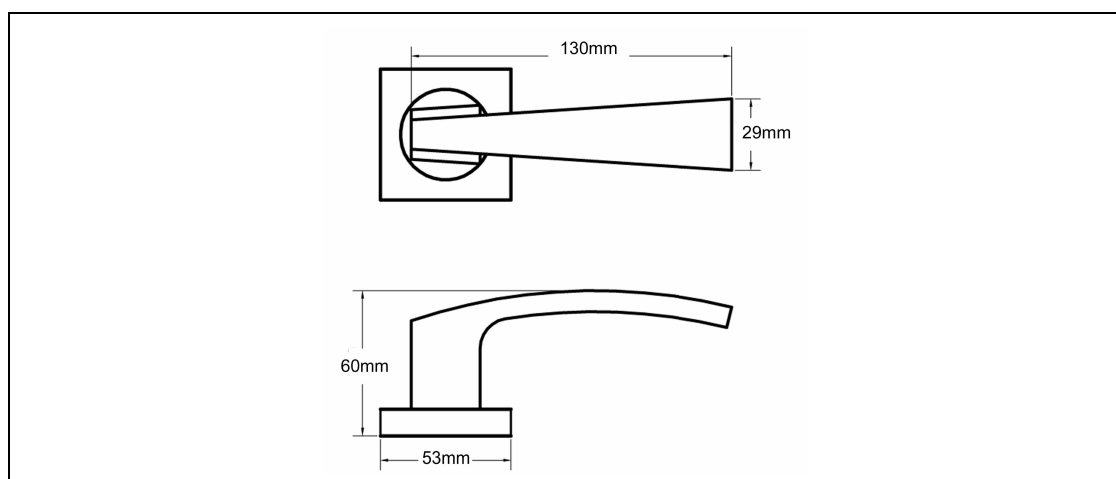
- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Standards:



Technical Design:



Duo Door Furniture

5000BP03

Lever on Backplate - London



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Wood screw fixings

Specification:

- Non-handed
- Sprung lever handle mechanism
- Material: Brass
- Handle length: 130mm
- Plate projection: 10mm
- Plate height: 250mm
- Plate width: 45mm
- Centre: 85mm
- Spindle: Steel, 8mm, square

Finish:

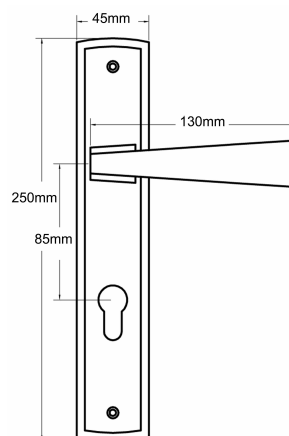
- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Standards:



Technical Design:



Duo Door Furniture

5000PH03-300

Pull Handle - London



ASSA ABLOY

Application:

- Suitable for use on timber doors

Specification:

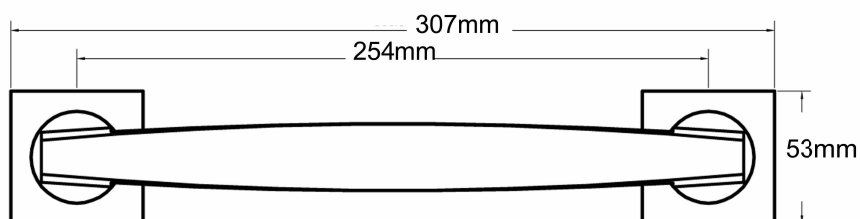
- Material: Brass
- Handle length: 307mm
- Square rose
- Rose projection: 10mm
- Rose width: 53mm
- Centre: 254mm
- Spindle: Steel, 8mm, square

Finish:

- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Technical Design:



Duo Door Furniture

5000RR04

Round Rose Lever Handle - Paris



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Round rose
- Sprung lever handle mechanism
- Material: Brass
- Handle projection: 62mm
- Handle length: 130mm
- Rose projection: 10mm
- Rose diameter: 52mm
- Spindle: Steel, 8mm, square

Finish:

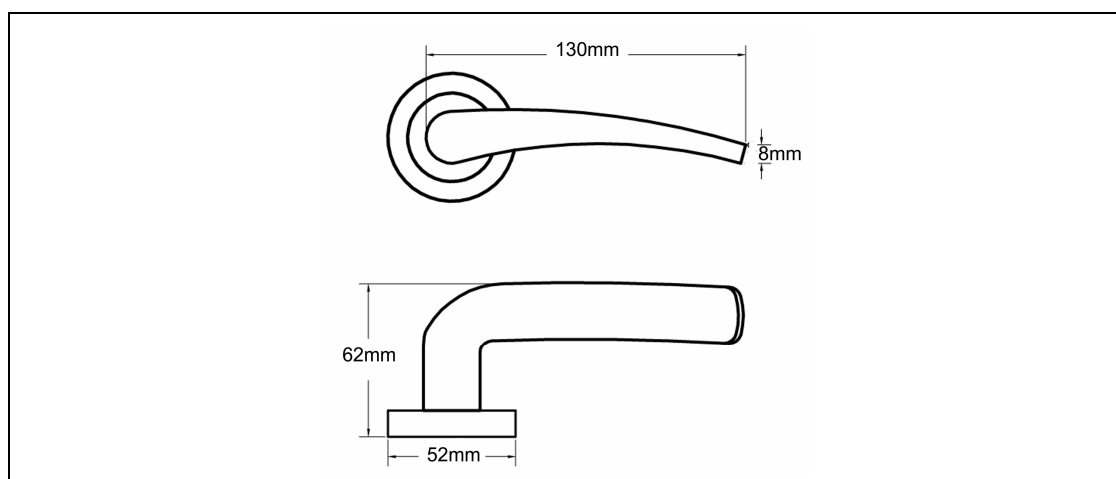
- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Standards:



Technical Design:



Duo Door Furniture

5000BP04

Lever on Backplate - Paris



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Wood screw fixings

Specification:

- Non-handed
- Sprung lever handle mechanism
- Material: Brass
- Handle length: 130mm
- Plate projection: 10mm
- Plate height: 250mm
- Plate width: 45mm
- Centre: 85mm
- Spindle: Steel, 8mm, square

Finish:

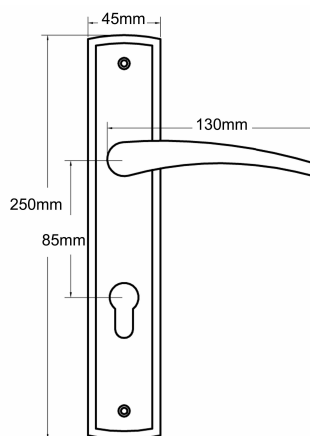
- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Standards:



Technical Design:



Duo Door Furniture

5000PH04-300

Pull Handle - Paris



ASSA ABLOY

Application:

- Suitable for use on timber doors

Specification:

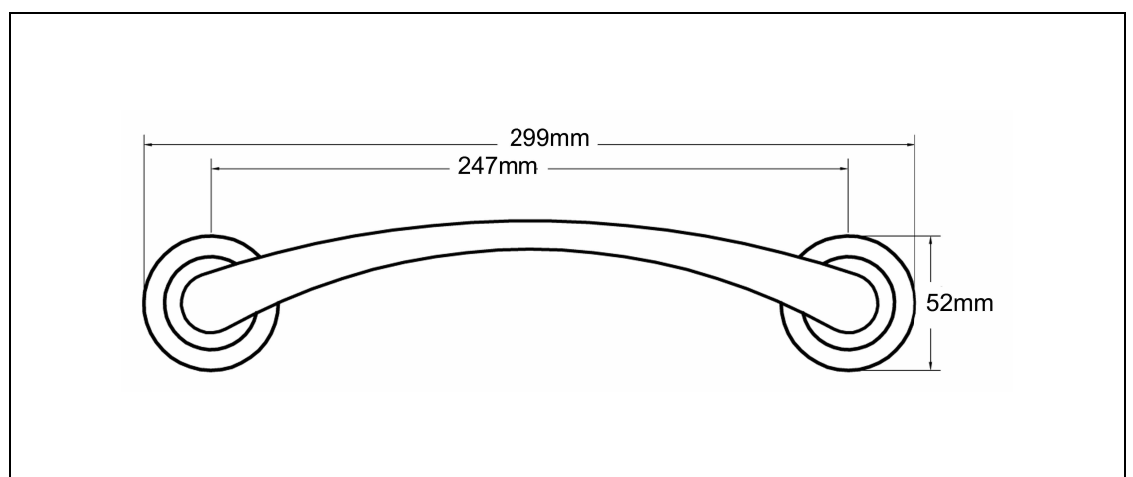
- Material: Brass
- Handle length: 299mm
- Round rose
- Rose projection: 10mm
- Rose width: 52mm
- Centre: 247mm
- Spindle: Steel, 8mm, square

Finish:

- SS - Stainless Steel finish
- AB - Antique Brass finish
- G - Gold finish



Technical Design:



Duo Door Furniture

5000SR05

Square Rose Lever Handle - Madrid



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Brass
- Handle projection: 63mm
- Handle length: 150mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

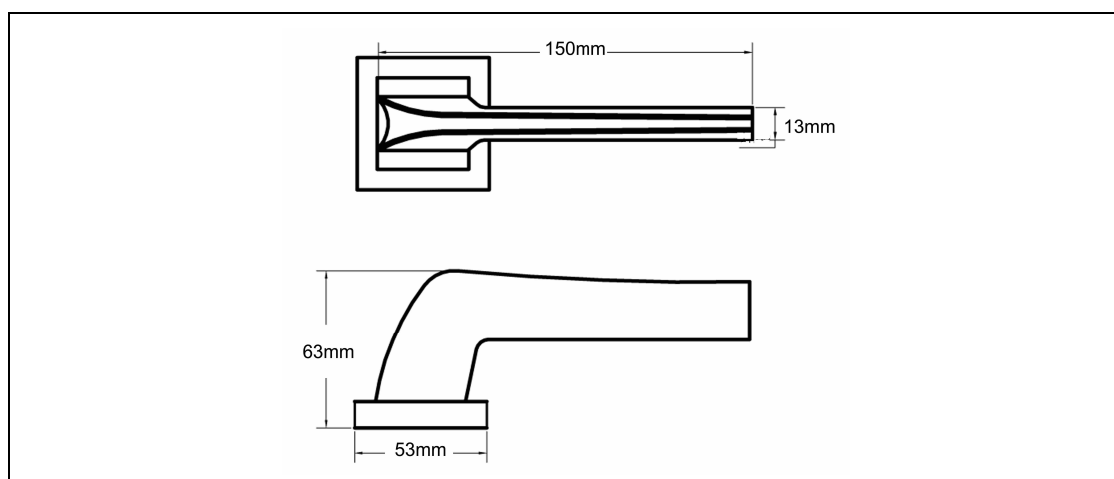
- SS - Stainless Steel finish
- SG - Satin & Gold finish



Standards:



Technical Design:



Duo Door Furniture

5000PH05

Pull Handle - Madrid



ASSA ABLOY

Application:

- Suitable for use on timber doors

Specification:

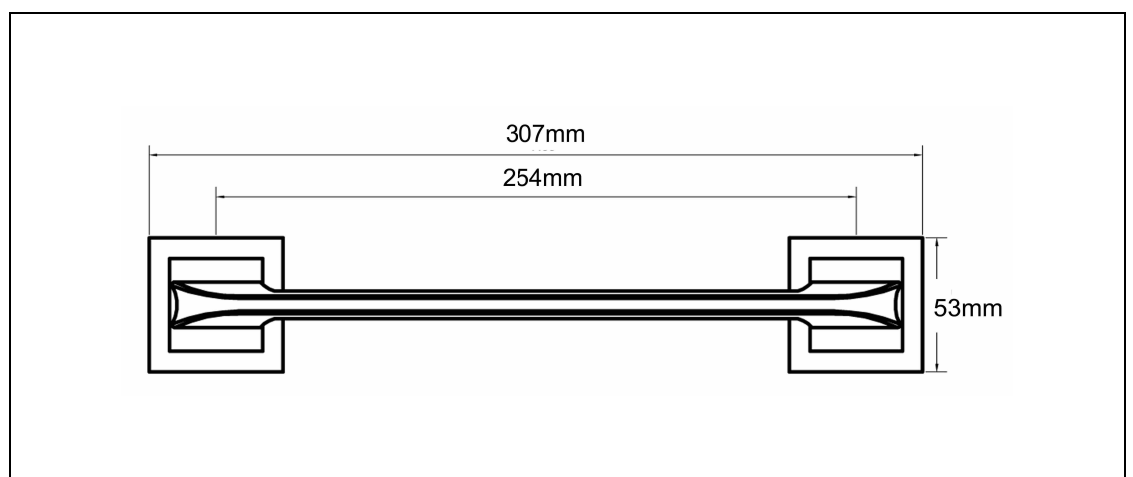
- Material: Brass
- Handle length: 307mm
- Square rose
- Rose projection: 10mm
- Rose width: 53mm
- Centre: 254mm
- Spindle: Steel, 8mm, square

Finish:

- SS - Stainless Steel finish
- SG - Satin & Gold finish



Technical Design:



Duo Door Furniture

5000SR06

Square Rose Lever Handle - Edinburgh



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Zinc & brass
- Handle projection: 60mm
- Handle length: 135mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

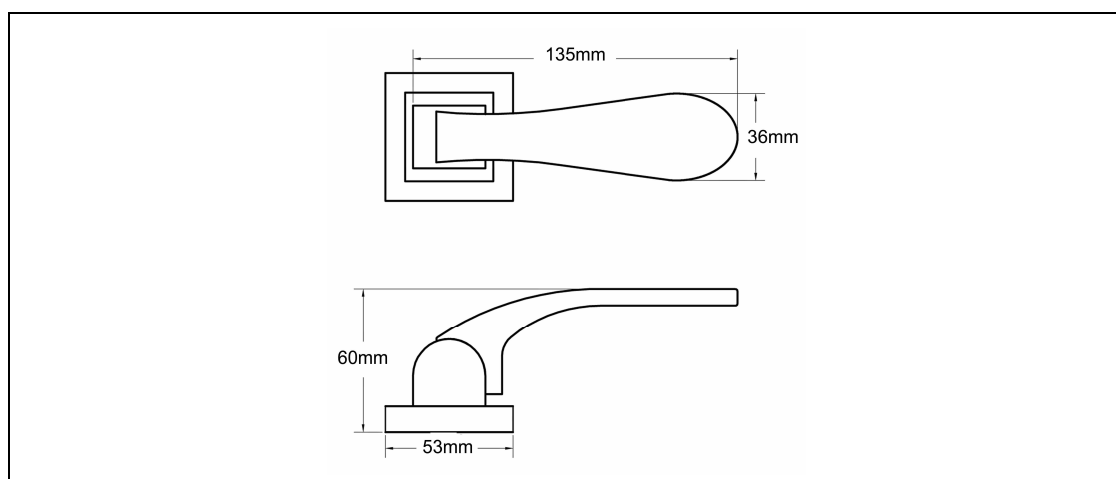
- SS - Stainless Steel finish
- SG - Satin & Gold finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000SR07

Square Rose Lever Handle - Brussels



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Zinc alloy
- Handle projection: 56mm
- Handle length: 130mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

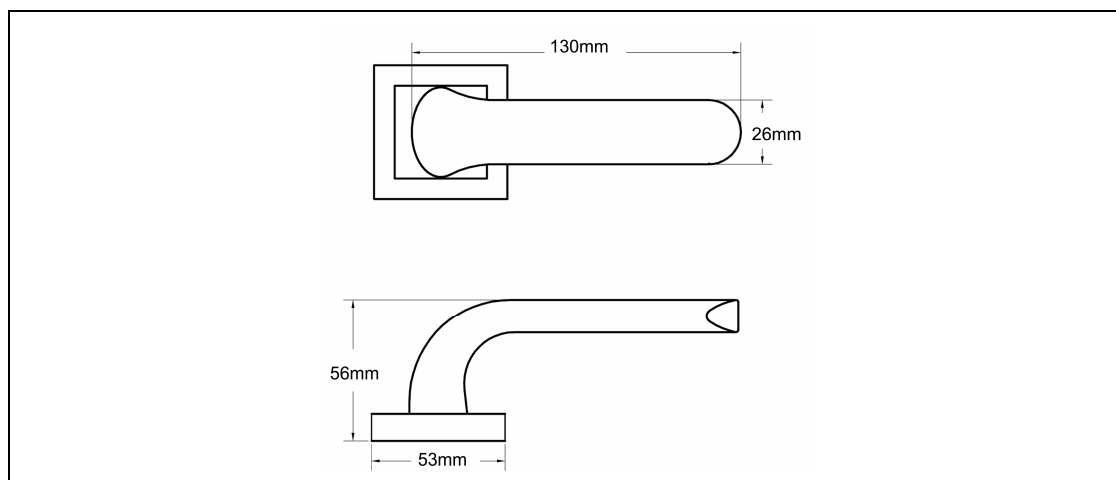
- SS - Stainless Steel finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000SR08

Square Rose Lever Handle - Dublin



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Zinc & brass
- Handle projection: 65mm
- Handle length: 135mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

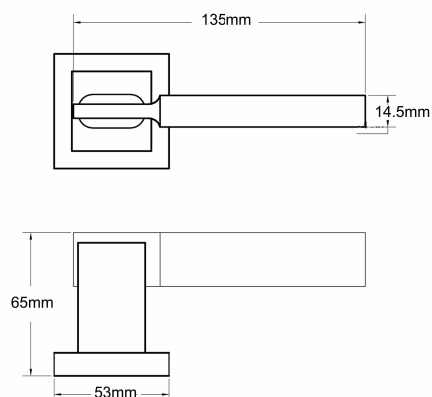
- SS - Stainless Steel finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000SR09

Square Rose Lever Handle - Amsterdam



ASSA ABLOY

Application:

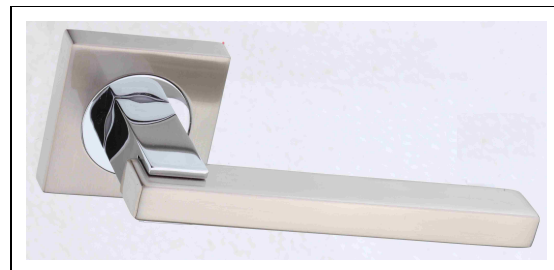
- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Zinc & brass
- Handle projection: 65mm
- Handle length: 135mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

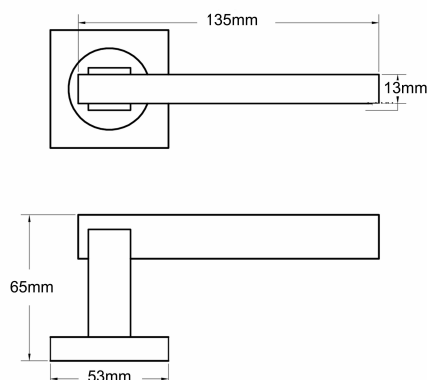
- SS - Stainless Steel finish
- CH - Chrome finish



Standards:



Technical Design:



Duo Door Furniture

5000SR10

Square Rose Lever Handle - Stockholm



ASSA ABLOY

Application:

- All furniture is designed and recommended for use with UNION mortice locks
- Concealed wood screw fixings

Specification:

- Non-handed
- Square rose
- Sprung lever handle mechanism
- Material: Brass
- Handle projection: 60mm
- Handle length: 118mm
- Rose projection: 10mm
- Rose diameter: 53mm
- Spindle: Steel, 8mm, square

Finish:

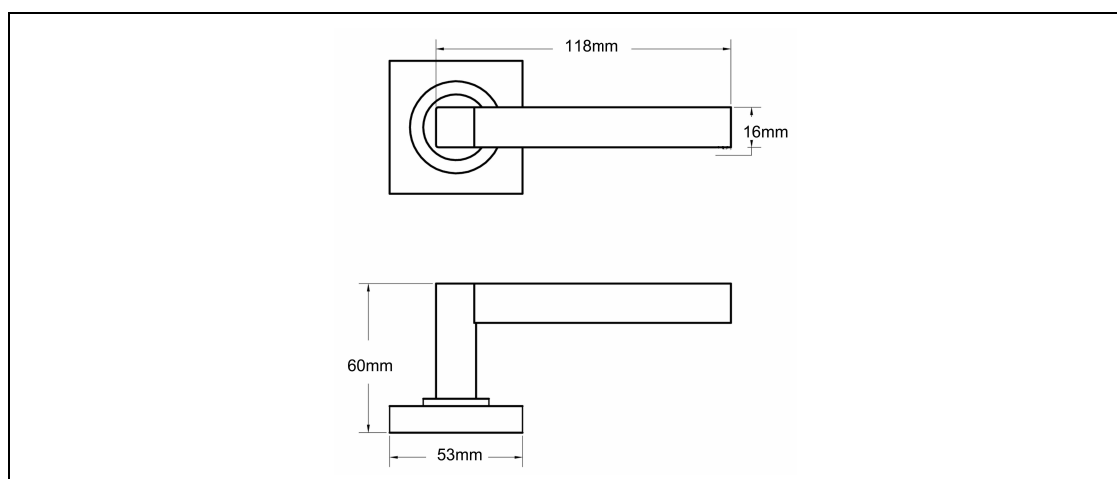
- SS - Stainless Steel finish
- SCP - Stainless Steel & Chrome Plated finish



Standards:



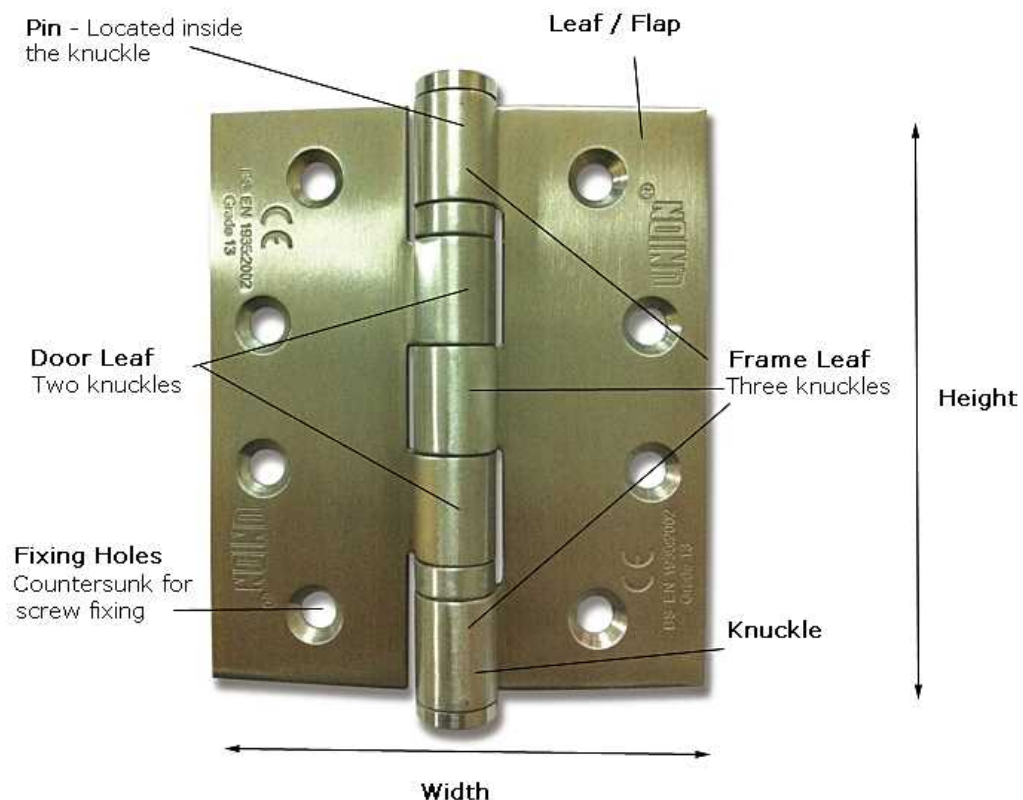
Technical Design:



Parts of a Butt Hinge

Butt hinges are the most commonly applied door hinge, and are available in a range of materials and construction.

A 5mm knuckle hinge (as shown) has a flap with three knuckles attached to the frame and a flap with two knuckles attached to the door. Similarly, a three knuckle hinge has the flap with two knuckles attached to the frame with a single knuckle flap attached to the door.



Incorrect specification leads to...

- Hinge wear, possibly resulting in premature failure
- Door drop
- Door closer stress
- Marked floors
- Lock and latch problems with engagement
- Security risk
- Incorrect door frame alignment
- Invalidating fire requirements
- Damage to the door

...High maintenance, repair and replacement costs

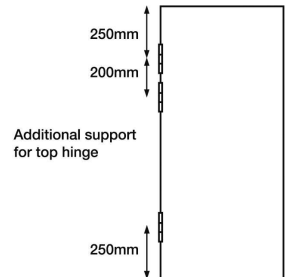
Guidance on Positioning of Hinges

Three hinges - two at the top and one at the bottom for improved load bearing

For some fire doors (heavier construction or with a hold open door closing device) it is best practice to fit two hinges at the top of the door with the third hinge at the bottom of the door.

Hinges should be positioned as follows:

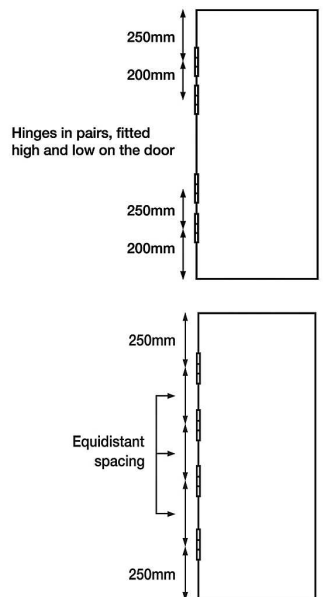
- Centre line of the top hinge is 250mm from the top edge of the door
- Centre line of the third hinge is 200mm from the centre line of the top hinge
- Centre line of the bottom hinge is 250mm from the bottom edge of the door



Over Size Doors

Please note that for doors over and above the recommended door weights (Tables 1 and 2) it may be possible to use four hinges per leaf to increase the load bearing capacity, eg:

- For doors heavier than the recommended door mass and exceeding 2100mm in height, it may be possible to install two hinges high and two hinges low for improved load bearing capacity
- For doors over 2100mm high it may be possible to use four hinges equally spaced to give maximum resistance to warping

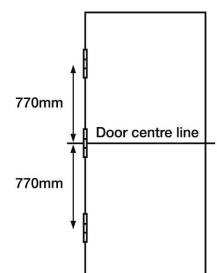


Please consult with the door manufacturer directly or your local UNION office to discuss any applications outside of the door mass recommendations in Table 2.

In accordance with BS 4787 it is recommended that at least three hinges per leaf should be used on fire and escape route doors.

BS 4787 details the position of door hinges as follows:

- On doors weighing over 20kg
- One hinge shall be positioned on the centre line of the door height
- The other two hinges being at 770mm either side of the centre hinge
- This hinge layout gives stability to the door



Guidance on Selection of Hinges

Please follow the guidance below to help you select the correct type of hinge for your project

Table 1

Model	Description	Hinge size (HxW)	Min door thickness	Max door weight (adjusted) 3 hinges
601	Butt hinge	125mm x 93mm	44mm	160kg
602	Butt projection hinge	125mm x 111mm	44mm	160kg
603	Butt hinge	125mm x 111mm	44mm	120kg
604	Lift off hinge (radius only)	98mm x 82mm	44mm	80kg
605	Lift off hinge	100mm x 88mm	44mm	80kg

Table 2

How to calculate door mass. Door weight (actual)		
For door widths over 950mm	951mm - 1050mm	+ 10%
	1051mm - 1150mm	+20%
	1151mm - 1250mm	+30%
Door closer		+20%
Door closer with backcheck		+75%
Extra heavy use		+10%
Light use		-10%
Adjusted door weight		

Table 3

Fire Doors

When UNION PowerLOAD hinges are fitted to a fire door assembly they must be protected by intumescent material as follows:

	FD30		FD60	
Model	Frame side	Door side	Frame side	Door side
601	1mm GRS sheet intumescent	2mm GRS sheet intumescent	2mm Therm-A-Flex with 10x2mm Therm-A-Seal past each blade extending 25mm beyond each blade at either side	
602	n/a			
603	1mm GRS sheet intumescent	2mm GRS sheet intumescent		
604				
605				

Alternatively, use the material as shown in the fire door installation instructions.

PowerLOAD Hinges



ASSA ABLOY

Tested to BS EN 1935:2002 and CE marked, UNION hinges have been assessed for use on timber fire doors to BS EN 1634-1, and are ideal for the specification market where durability, reliability and outstanding performance are paramount.



Metal to metal wear is dramatically reduced by using carbon steel and phosphorous bronze flanged bearing bushes with a specially formulated lubricant. This material combination significantly lessens the wear and regular maintenance required by other types of hinge.

Radius corners for OEM factory preparation, or tri-packed with square corners and complete with screws to suit on-site installation.

Corrosion Resistant

304 stainless steel provides improved corrosion resistance

Congruent Fixing Pattern

Spreads the load of the door more effectively within the timber and achieves consistent performance over time

Variants

UNION PowerLOAD hinges are available in both bushed butt and lift-off variants

Phosphorus Bronze Bushes

Self lubricating, low friction, maintenance free bearings

Finishes

UNION hinges are available in grade 304 stainless steel (SS) finish, or bright zinc plate (BZP) mild steel. See individual product pages for details



PowerLOAD Hinges

601

Butt Hinge



ASSA ABLOY

Application:

- High performance bushed bearing butt hinge suitable for severe duty applications
- For use on doors which are subject to frequent violent usage e.g. where deliberate abuse is likely or where there is potential for persistent violent attack

Specification:

- Fixed pin for improved cycling and durability
- Suitable for 160kg door mass (door mass to include adjustment for door closers, furniture and environmental conditions)
- **180° angle of opening**
- Radius and square corner variants available. Radius corner offers speed of fixing with machine tools
- 304 stainless steel provides improved corrosion resistance
- Bright zinc plate finish in mild steel variant
- Phosphorus bronze bushes. Self lubricating, low friction maintenance free bearings
- Congruent fixing pattern - spreads the load of the door more effectively within the timber
- Available in SSF and BZP finishes

Finish:

- SSF - Satin Stainless Steel finish
- BZP - Bright Zinc Plate



Standards:

- EN1935:2002 performance tested to 200,000 cycles on 80kg door mass
- Also cycle tested on a 160kg door
- Included in fire test to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD30 and FD60 provided they are fitted in accordance with the guidelines detailed in IFCA/06252
- Certificate Number:
 - 1720-CPD-0022 (SSF finish)
 - 1720-CPD-027 (BZP finish)
- 3rd party tested to BS EN 1935:2002. Achieved Grade 13

4	7	6	1*	1	4	0	13	SSF
4	7	6	1*	1	2	0	13	BZP

- Certifire Certificate Number: CF696



PowerLOAD Hinges

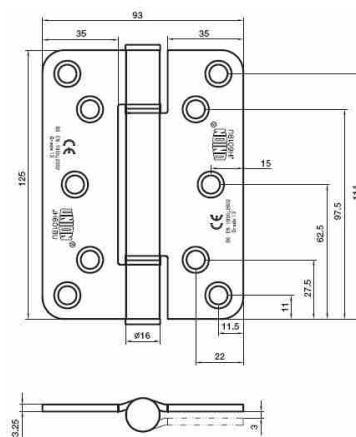
601

Butt Hinge



ASSA ABLOY

Technical
Design:



PowerLOAD Hinges

602

Hinge with 20mm Projection



ASSA ABLOY

Application:

- High performance bushed bearing butt hinge suitable for severe duty applications
- For use on doors which are subject to frequent violent usage e.g. where deliberate abuse is likely or where there is potential for persistent violent attack

Specification:

- Fixed pin for improved cycling and durability
- Suitable for 160kg door mass (door mass to include adjustment for door closers, furniture and environmental conditions)
- **180° angle of opening**
- Radius and square corner variants available. Radius corner offers speed of fixing with machine tools
- 304 stainless steel provides improved corrosion resistance
- Bright zinc plate finish in mild steel variant
- Phosphorus bronze bushes. Self lubricating, low friction maintenance free bearings
- Congruent fixing pattern - spreads the load of the door more effectively within the timber
- Available in SSF and BZP finishes

Finish:

- SSF - Satin Stainless Steel finish
- BZP - Bright Zinc Plate



Standards:

- EN1935:2002 performance tested to 200,000 cycles on 120kg door mass. Also cycle tested on a 160kg door
- Included in fire test to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD30 and FD60 provided they are fitted in accordance with the guidelines detailed in IFCA/06252
- Certificate Number:
 - 1720-CPD-0023 (SSF finish)
 - 1720-CPD-0028 (BZP finish)
- 3rd party tested to BS EN 1935:2002. Achieved Grade 13

4	7	6	1*	1	4	0	13	SSF
4	7	6	1*	1	2	0	13	BZP

- Certifire Certificate Number: CF696



PowerLOAD Hinges

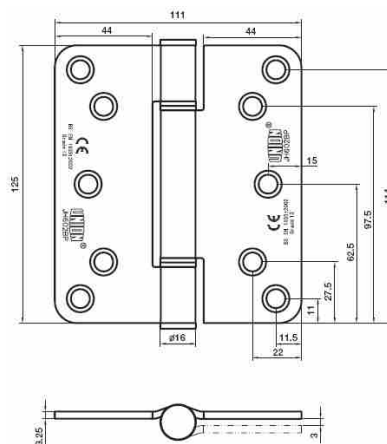
602

Hinge with 20mm Projection



ASSA ABLOY

Technical Design:



PowerLOAD Hinges

603

Butt Hinge



ASSA ABLOY

Application:

- High performance bushed bearing butt hinge suitable for severe duty applications
- For use on doors which are subject to frequent violent usage e.g. where deliberate abuse is likely or where there is potential for persistent violent attack, ,

Specification:

- Fixed pin for improved cycling and durability
- Suitable for 120kg door mass (door mass to include adjustment for door closers, furniture and environmental conditions)
- **180° angle of opening**
- Radius and square corner variants available. Radius corner offers speed of fixing with machine tools
- 304 stainless steel provides improved corrosion resistance
- Bright zinc plate finish in mild steel variant
- Phosphorus bronze bushes. Self lubricating, low friction maintenance free bearings
- Congruent fixing pattern - spreads the load of the door more effectively within the timber
- Available in SSF and BZP finishes

Finish:

- SSF - Satin Stainless Steel finish
- BZP - Bright Zinc Plate



Standards:

- EN1935:2002 performance tested to 200,000 cycles on 120kg door mass. Also cycle tested to 500,000 cycles
- Included in fire test to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD30 and FD60 provided they are fitted in accordance with the guidelines detailed in IFCA/06252
- Certificate Number:
 - 1720-CPD-0024 (SSF finish)
 - 1720-CPD-0029 (BZP finish)
- 3rd party tested to BS EN 1935:2002. Achieved Grade 13

4	7	6	1*	1	4	0	13	SSF
4	7	6	1*	1	2	0	13	BZP

- Certifire Certificate Number: CF696



PowerLOAD Hinges

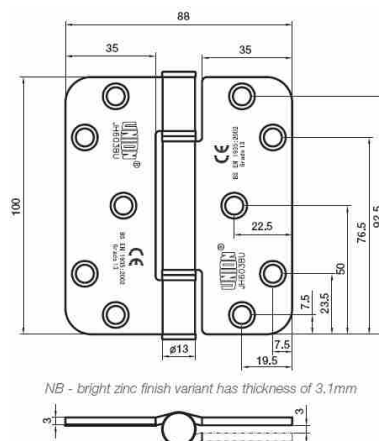
603

Butt Hinge



ASSA ABLOY

Technical Design:



PowerLOAD Hinges

604

Lift-Off Hinge



ASSA ABLOY

Application:

- Lift-off hinge suitable for heavy duty applications and for use on doors which are subject to a high frequency of use by the public with little incentive to exercise care
- Available in left or right hand

Specification:

- Suitable for 80kg door mass (door mass to include adjustment for door closers, furniture and environmental conditions)
- **180° angle of opening**
- Radius corner offers speed of fixing with machine tools
- Lift-off feature enables easy removal of door for maintenance
- 304 stainless steel provides improved corrosion resistance
- Bright zinc plate finish in mild steel variant
- Phosphorus bronze bushes. Self lubricating, low friction maintenance free bearings
- Congruent fixing pattern - spreads the load of the door more effectively within the timber
- Available in SSF and BZP finishes

Finish:

- SSF - Satin Stainless Steel finish
- BZP - Bright Zinc Plate



Standards:

- EN1935: 2002 performance tested to 200,000 cycles on 80kg door mass
- Included in fire test to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD30 and FD60 provided they are fitted in accordance with the guidelines detailed in IFCA/06252
- Certificate Number:
 - 1720-CPD-0025 (SSF finish)
 - 1720-CPD-0030 (BZP finish)
- 3rd party tested to BS EN 1935: 2002. Achieved Grade 11

3	7	4	1*	1	4	0	11	SSF
3	7	4	1*	1	2	0	11	BZP

- Certifire Certificate Number: CF696



PowerLOAD Hinges

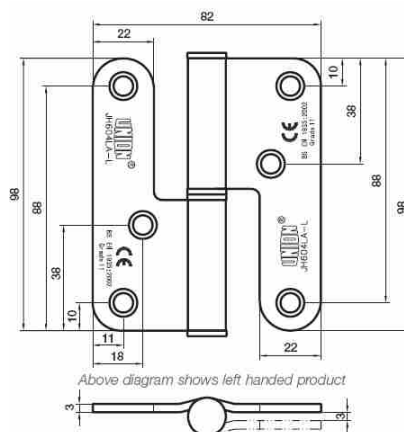
604

Lift-Off Hinge



ASSA ABLOY

Technical Design:



PowerLOAD Hinges

605

Lift-Off Hinge



ASSA ABLOY

Application:

- Lift-off hinge suitable for heavy duty applications and for use on doors which are subject to a high frequency of use by the public with little incentive to exercise care
- Available in left or right hand

Specification:

- Suitable for 80kg door mass (door mass to include adjustment for door closers, furniture and environmental conditions)
- **180° angle of opening**
- Radius and square corner variants available. Radius corner offers speed of fixing with machine tools
- 304 stainless steel provides improved corrosion resistance
- Bright zinc plate finish in mild steel variant
- Phosphorus bronze bushes. Self lubricating, low friction maintenance free bearings
- Congruent fixing pattern - spreads the load of the door more effectively within the timber
- Available in SSF and BZP finishes

Finish:

- SSF - Satin Stainless Steel finish
- BZP - Bright Zinc Plate



Standards:

- EN1935: 2002 performance tested to 200,000 cycles on 80kg door mass
 - Included in fire test to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD30 and FD60 provided they are fitted in accordance with the guidelines detailed in IFCA/06252
 - Certificate number:
 - 1720-CPD-0026 (SSF finish)
 - 1720-CPD-0031 (BZP finish)
 - 3rd party tested to BS EN 1935: 2002. Achieved Grade 11
- | | | | | | | | | |
|---|---|---|----|---|---|---|----|-----|
| 3 | 7 | 4 | 1* | 1 | 4 | 0 | 11 | SSF |
| 3 | 7 | 4 | 1* | 1 | 2 | 0 | 11 | BZP |
- Certifire Certificate Number: CF696



Lift-Off Hinge

[illegible]

Architectural Hinges

Ball Bearing Butt Hinge

Dog Bolt Hinge



ASSA ABLOY

Application:

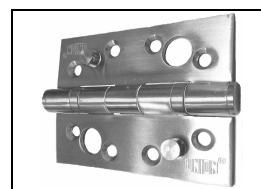
- High performance ball bearing butt hinge
- Suitable for severe duty applications and for use on doors which are subject to frequent usage or where deliberate abuse is likely

Specification:

- 2 ball bearing race ideal for improved durability
- 304 stainless steel provides improved corrosion resistance
 - 316 stainless steel available upon request
- Available with template or congruent (zigzag) fixing pattern - please specify requirement on order
- Available with timber (W) or metal (M) door fixings - please specify requirement on order
- Square corners
- 2mm hinge is not CE marked or EN tested
- Available as boxed or visi-pack
- Dog bolt hinge with single or double security stud also available
 - Resists attack on outward opening external doors

Finish:

- SS - Satin Stainless Steel finish
- PVD - PB finish

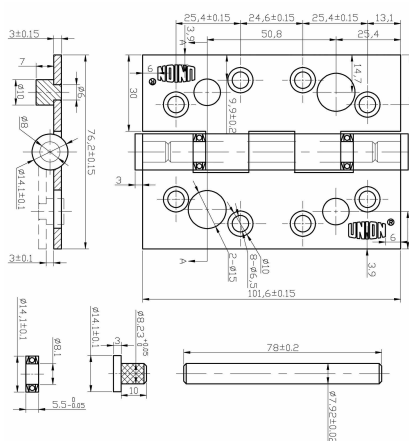


Standards:

- 3mm hinges only:
 - EN 1935:2002 performance tested to 200,000 cycles on 120 kg door mass
 - 3rd party tested to BS EN 1935:2002. Achieved Grade 13
- | | | | | | | | |
|---|---|---|----|---|---|---|----|
| 4 | 7 | 6 | 1* | 1 | 4 | 0 | 13 |
|---|---|---|----|---|---|---|----|
- Included in fire test to BS EN 1634-1
 - 8203-BB-3, 8206-BB-3, 8204-BB-3 have 120 minute fire rating timber doors, 240 minute fire rating steel doors
 - 8203-BB-2, 8207-BB-3, 8205-BB-3, 8209-BB-3 have 60 minutes fire rating
 - 8203-BB-3 included in a 3rd-party FD90 timber fire door test
 - Certificate Number: 359-CPD-0061
 - Certifire Certificate Number: CF5356



Dog Bolt Hinge



Rising / Falling Hinge



ASSA ABLOY

Application:

- Suitable for timber doors
- In doorways with thick floor covering
- Where easily removable doors are required

Specification:

- 304 stainless steel provides improved corrosion resistance
- Also available in Grade SS316 upon request
- Available with timber (W) or metal (M) door fixings - please specify requirement on order
- Square corners
- Available in 2mm or 3mm thickness

Finish:

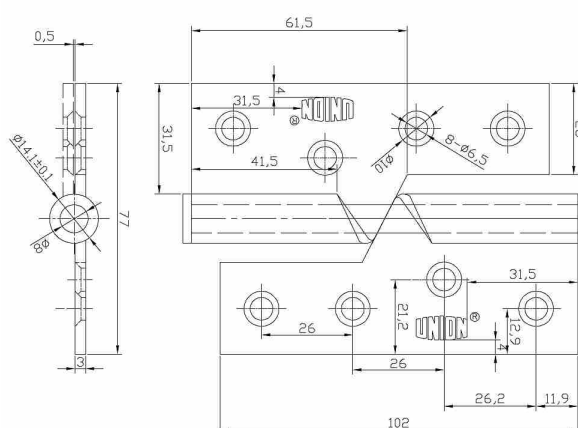
- SS - Satin Stainless Steel finish
- PVD - PB finish



Standards:



Technical Design:



Architectural Hinges

Rising / Falling Hinge



ASSA ABLOY

Hinge	Length (mm)	Width (mm)	Depth (mm)	Kg per door (3 hinges per door)
SS194RSL3	102	76	3	up to 30kg
SS194RSR3	102	76	3	up to 30kg

Single Action Spring



Application:

- Suitable for residential and commercial applications
- When doors are required to self-close

Specification:

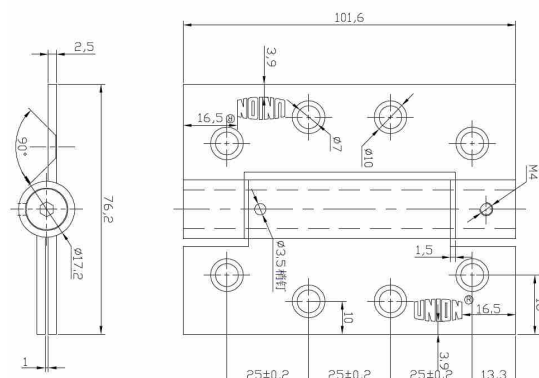
- 304 stainless steel provides improved corrosion resistance
- Non-handed
- Also available in Grade SS316 upon request
- Available with timber (W) or metal (M) door fixings - please specify requirement on order
- Square corners



Finish:

- SS - Satin Stainless Steel finish
- PVD - PB finish

Technical Design:



Architectural Hinges

Single Action Spring



ASSA ABLOY

Hinge Size	Door Thickness	Door Weight
76mm	40-55	10-18
102mm	40-55	12-26
127mm	50-65	30-35
152mm	55-70	35-40

Architectural Hinges

Double Action Spring



ASSA ABLOY

Application:

- Where doors are required to self close
- Door opens in both directions

Specification:

- 304 stainless steel provides improved corrosion resistance
- Non-handed
- Also available in Grade SS316 upon request
- Available with timber (W) or metal (M) door fixings - please specify requirement on order

Finish:

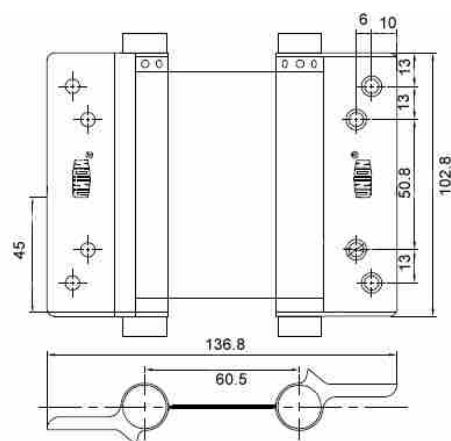
- SS - Satin Stainless Steel finish



Standards:



Technical Design:



Architectural Hinges

Double Action Spring



ASSA ABLOY

Hinge Size	Door Thickness	Door Weight
76mm	55-65	10-18
102mm	55-65	12-26
127mm	65-70	30-35
152mm	70-75	35-40

Cylinders



UNION offer a range of cylinder systems to suit most applications and projects. A number of considerations should be taken into account to select the most suitable cylinder system for your application. Please contact UNION Customer Services for further advice.

System Patent

Patent protection prevents unauthorised duplication of keys

Product Range

Comprehensive range of cylinders in various profiles and sizes, with the ability to integrate padlocks

Functions

To meet modern specification requirements including clutch release and classroom functionality

- **What is a Construction Key Cylinder?**
 - ⊗ Typically used on building sites, where employees need access to the building during construction, but should not have access when the home owner has moved in. The first operation of the home owner's key will permanently disable the builder's key
- **What is a Clutch Release Cylinder?**
 - ⊗ Designed to prevent somebody on the inside of the door from holding the turn and locking key holders out. Insertion of the key disengages the clutch, which allows the turn to rotate freely without engaging the cam
- **What is Classroom Functionality?**
 - ⊗ This is a function in a thumb-turn cylinder making it possible to rotate the thumb-turn in one direction only, ie, clockwise or anti-clockwise only. This is usually used to ensure that someone inside a room cannot lock anybody out but can always escape in an emergency. The cylinder is also clutch release as standard so somebody in the room cannot prevent a key holder from entering

Physical Security

Resistance to a number of physical attacks such as picking, drilling and bumping. For further details please see each individual section

Masterkeying Capability

Cylinder systems offer various levels of Masterkeying capability to suit a variety of applications, from small scale jobs to extensive projects (schools, hospitals, commercial, etc)

Cylinders - Traditional

UNION offers a variety of traditional cylinders to meet the demands of every application. Cylinders are available in four different variations.



How does a traditional cylinder work?

A traditional cylinder operates on a row of lateral pins as shown below. When the right key is inserted into the keyway, it will lift all the pins to the correct height so that the plug can rotate and the lock can be opened.

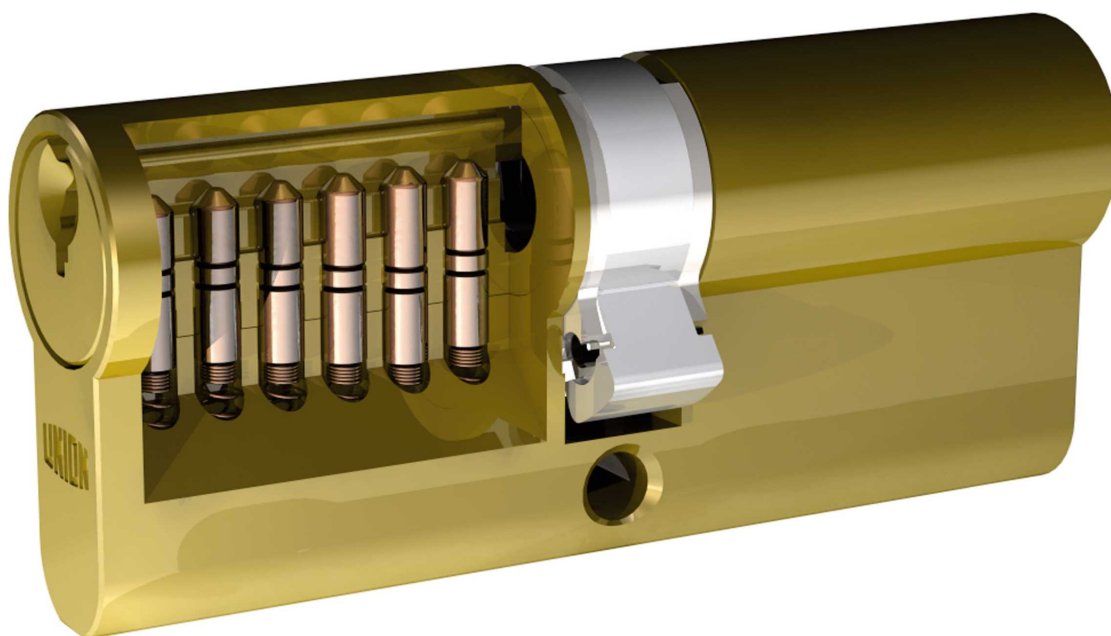
UNION traditional cylinders operate on a row of five or six lateral pins.

Supplied as 5-pin as standard, or 6-pin on complex masterkeyed systems, security cylinders and special orders.

A standard UNION 5-pin cylinder has over 4,500 key combinations which is ideal for most domestic and commercial applications. When a higher level of security is required, a 6-pin cylinder, which has over 40,000 key combinations, should be specified.

Key Control Systems

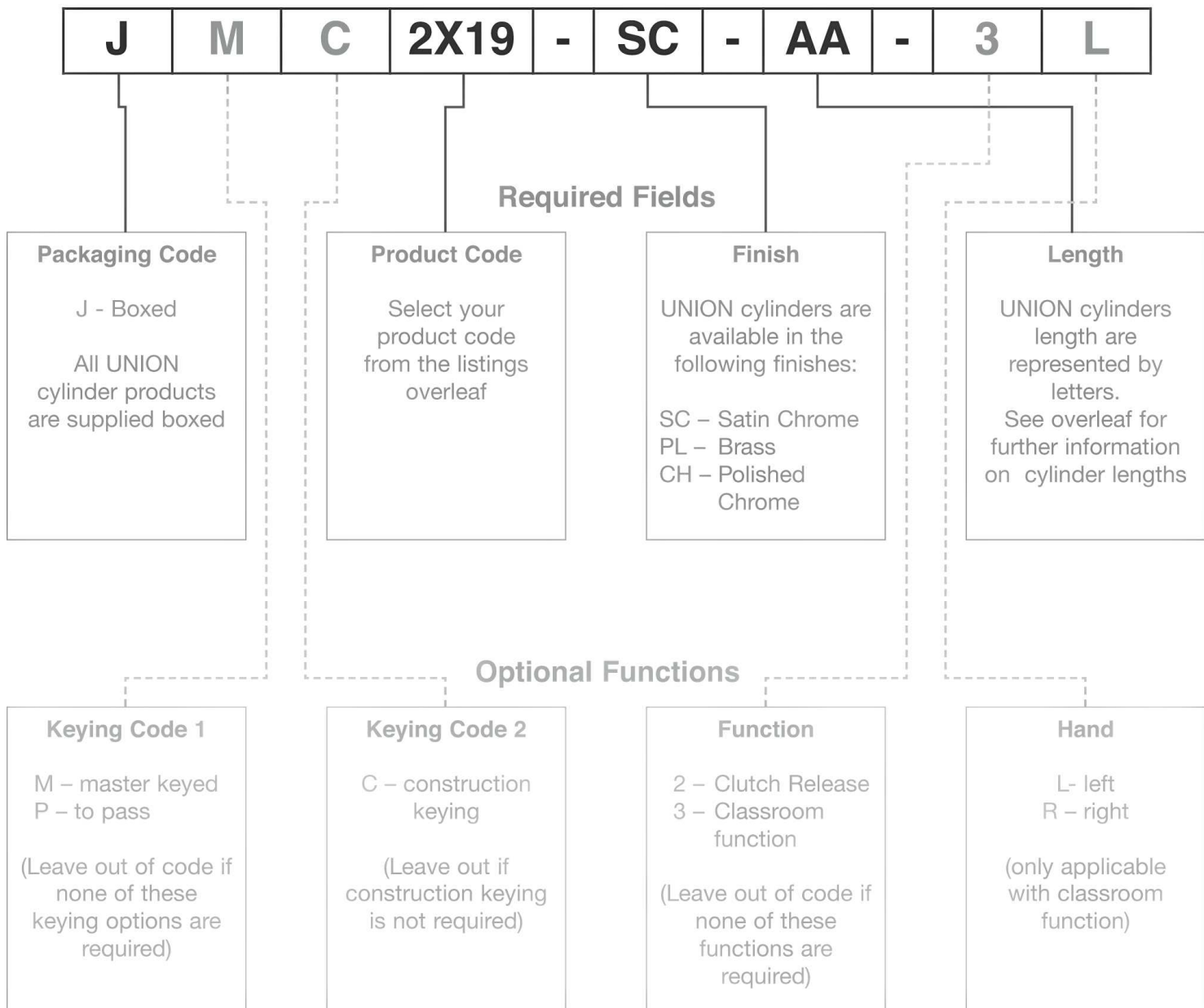
UNION cylinders can be supplied individually keyed, keyed alike, key to pass, construction keyed or masterkeyed.



Cylinders - Traditional

How to work out the new cylinder and turn codes

The new UNION cylinders and turns are available in a number of variants, covering a wide range of functions. Product order codes are calculated as follows, items in black are required fields, others refer to optional functions.



New Turns

UNION has a range of new cylinder thumb turns. In addition to the new turns, the UNION cylinder range will now include construction keying, clutch release and classroom functionality.

More aesthetically pleasing and easier to use, the new designs bring a fresh modern look to the trusted and established UNION cylinder range.

All designs are available for traditional, DTEC and keyULTRA cylinders, in euro and oval profile, and both single and double cylinder types.



Selecting the Correct Cylinder Length

Specifying the correct cylinder length is important not only for aesthetic appearance, but also security. It is essential to ensure that the cylinder is as flush with the surrounding hardware as possible to reduce the opportunity for the cylinder to be removed. A flush fitted cylinder will also reduce movement over time and increase the longevity of the product.

When choosing a cylinder length there are three factors to consider:

1. Door thickness
2. Hardware thickness (eg, cylinder roses)
3. Lock position

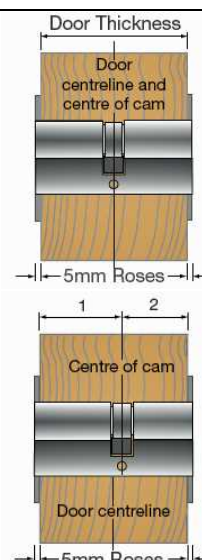
In most applications the mortice lock will be fitted on the door centreline. Therefore a standard equal length cylinder can be used. However if the lock is fitted off-centre then an offset cylinder needs to be specified.

How to measure an equal length double cylinder

Overall Cylinder Length =
door thickness + total hardware thickness

How to measure an offset cylinder length

Overall Cylinder Length =
(measurement 1 + hardware thickness) +
(measurement 2 + hardware thickness)



Cylinders - Traditional



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Cylinder Details

Single Cylinders

Order Size	Overall Cylinder Length (X)	To Centre of Cam (Y)	5/6 Pin
A	40.0	32.4	5 pin only
B	44.5	36.8	5/6 Pin
C	48.9	41.2	5/6 Pin
D	53.2	45.5	5/6 Pin
E	57.6	49.9	5/6 Pin
F	62.0	54.3	5/6 Pin
G	66.3	58.6	5/6 Pin
H	70.7	63.0	5/6 Pin
J	77.7	70.0	5/6 Pin
K	87.7	80.0	5/6 Pin

Double Cylinders

UNION double cylinder measurements are calculated by measuring from the edge of the cylinder to the centre of the cam on both sides of the the product

Order Size	Measurement to Cam
A	32.4
B	36.8
C	41.2
D	45.5
E	49.9
F	54.3
G	58.6
H	63.0
J	70.0
K	80.0

Equal Length Double Cylinders

Order Size	Overall Cylinder Length	Key Side to Centre of Cam	Centre of Cam to Key Side	5/6 Pin
AA	64.8	32.4	32.4	5 pin only
BB	73.6	36.8	36.8	5/6 Pin
CC	82.4	41.2	41.2	5/6 Pin
DD	91.0	45.5	45.5	5/6 Pin
EE	99.8	49.9	49.9	5/6 Pin
FF	108.6	54.3	54.3	5/6 Pin
GG	117.2	58.6	58.6	5/6 Pin
HH	126.0	63.0	63.0	5/6 Pin
JJ	140.0	70.0	70.0	5/6 Pin
KK	160.0	80.0	80.0	5/6 Pin

Cylinders - Traditional



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Equal Length Key & Turn Cylinders

Order Size	Overall Cylinder Length (X)	Turn Side to Centre of Cam (Y)	Centre of Cam to Key Side (Z)	5/6 Pin
AA	64.8	32.4	32.4	5 pin only
BB	73.6	36.8	36.8	5/6 Pin
CC	82.4	41.2	41.2	5/6 Pin
DD	91.0	45.5	45.5	5/6 Pin
EE	99.8	49.9	49.9	5/6 Pin
FF	108.6	54.3	54.3	5/6 Pin
GG	117.2	58.6	58.6	5/6 Pin
HH	126.0	63.0	63.0	5/6 Pin
JJ	140.0	70.0	70.0	5/6 Pin
KK	160.0	80.0	80.0	5/6 Pin

Cylinders - Traditional

2x20

Euro Profile Single Cylinder



Application:

- Single keyed cylinder
- For use with euro profile lock cases

Specification:

- Key operated to lock or unlock
- Extensive differs, available in 5 or 6 pin
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Construction keying, clutch release and classroom functionality available
- Can be keyed with other cylinder products such as padlocks, outside locking devices and cabinet locks, which use the same key section
- For master key information see separate pages or check with your UNION area manager
- Supplied with 3 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Please advise when ordering if the cylinder is for use with an outside access device
- Please check cylinder compatibility when specifying non UNION lock cases
- Key Blank Number: KB502
- Available in SC, PL and CH finishes

Finish:

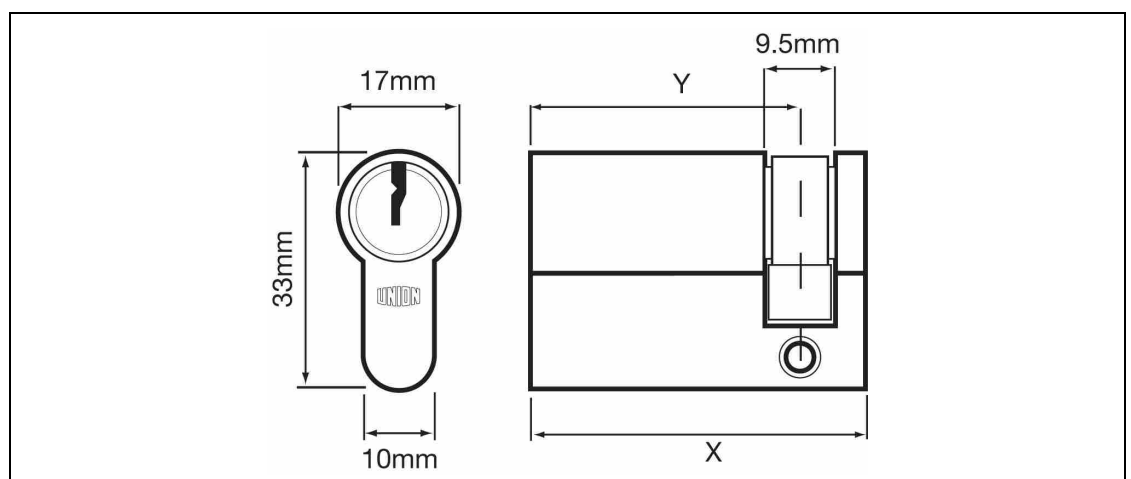
- SC - Satin Chrom
- PL - Polished Brass
- CH - Polished Chrome

Technical Design:



Standards:

- EN 1634-1:2000 assessed for use on 60 minutes timber fire doors




Cylinders - Traditional

Euro Profile - Turn Options



ASSA ABLOY

	<p>2X39 - Round Turn</p>	
	<p>2X41 - Wave Turn</p>	
	<p>2X42 - Large Turn</p>	
	<p>2X50 - Diamond Turn</p>	
	<p>2X72 - Signature Turn</p>	

Cylinders - Traditional

2X18

Euro Profile Double Cylinder



ASSA ABLOY

Application:

- Key & key cylinder
- For use with euro profile lock cases

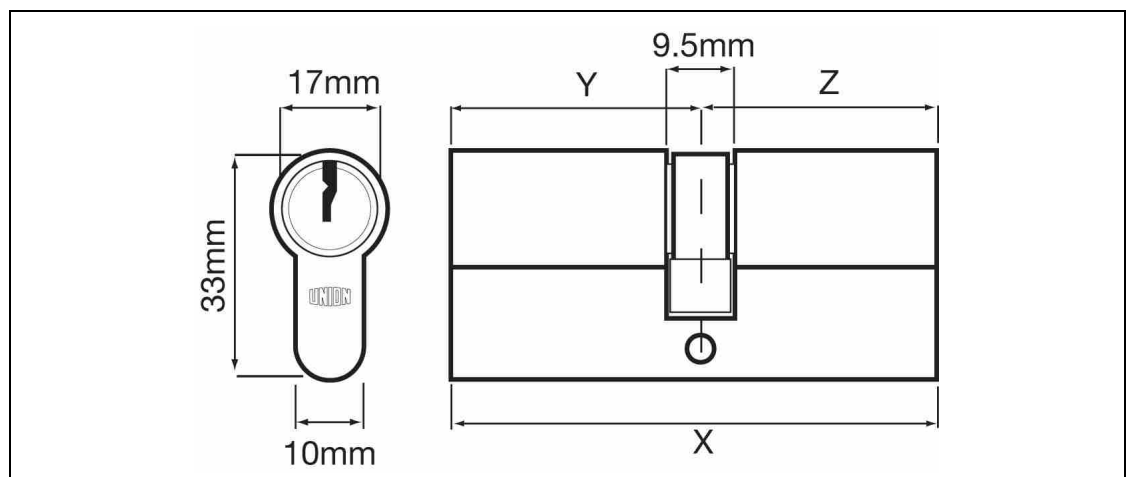
Specification:

- Extensive diifers, available in 5 or 6 pin
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Construction keying, clutch release and classroom functionality available
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Supplied with 3 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Please advise when ordering if the cylinder is for use with an outside access device
- Please check cylinder compatibility when specifying non UNION lock cases
- Key Blank Number: KB502
- Available in SC, PL and CH finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass
- CH - Polished Chrome

Technical Design:



Standards:

- EN 1634-1:2000 assessed for use on 60 minutes timber fire doors


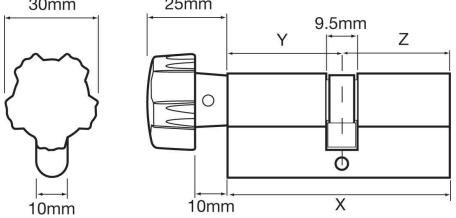

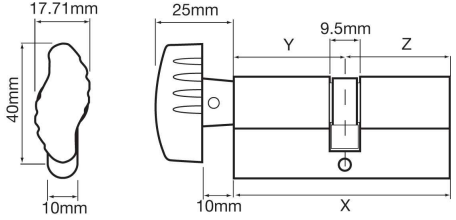


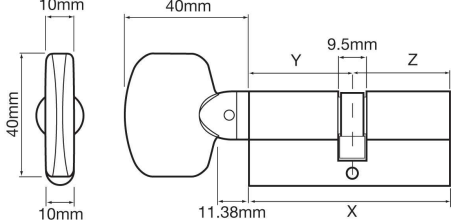

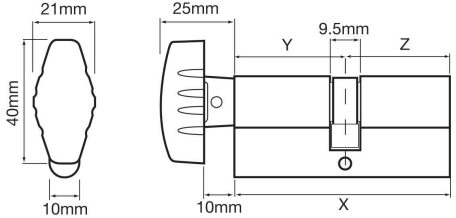

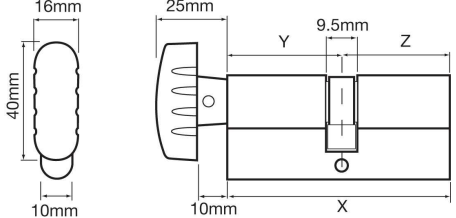


Cylinders - Traditional

Euro Profile - Turn Options



ASSA ABLOY

	<p>2X19 - Round Turn</p>	
	<p>2X48 - Wave Turn</p>	
 	<p>2X44 - Large Turn</p>	
	<p>2X28 - Diamond Turn</p>	
	<p>2X71 - Signature Turn</p>	

Cylinders - Traditional

2X1 / 2X8

Oval Profile Single Cylinder



ASSA ABLOY

Application:

- For use with UK oval profile lock cases
- 2X8 cylinder for use with 2332 oval profile nightlatch family

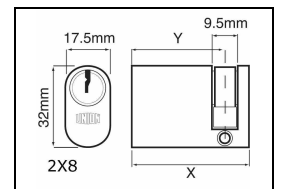
Specification:

- Extensive differs, available in 5 or 6 pin
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Construction keying, clutch release and classroom functionality available
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Supplied with 3 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Please advise when ordering if the cylinder is for use with an outside access device
- Please check cylinder compatibility when specifying non UNION lock cases
- Please refer to Cylinder Introduction pages for information on 'X' and 'Y' dimensions
- Key Blank Number: KB502
- Available in SC, PL and CH finishes

Finish:

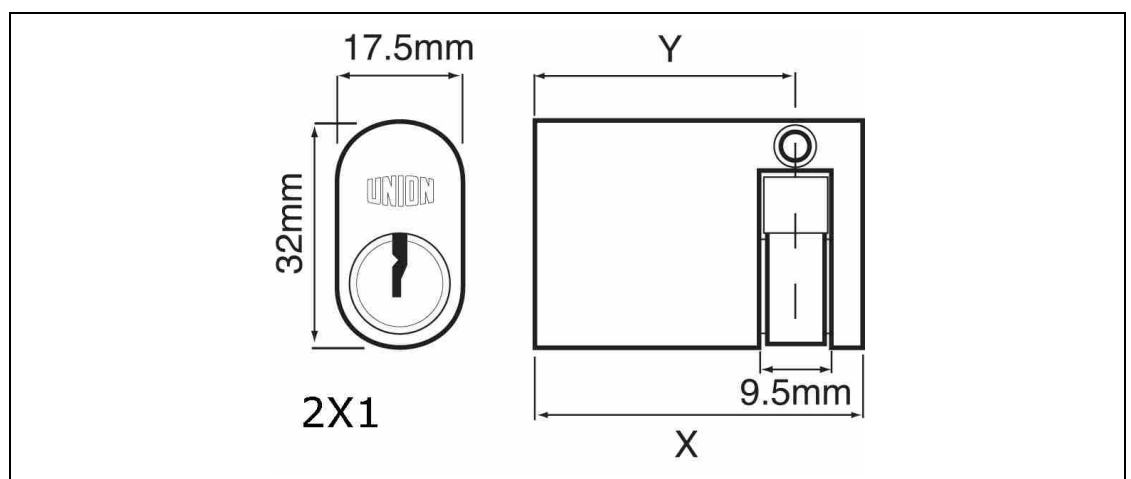
- SC - Satin Chrome
- PL - Polished Brass
- CH - Polished Chrome

Technical Design:



Standards:

- EN 1634-1:2000 assessed for use on 60 minutes timber fire doors


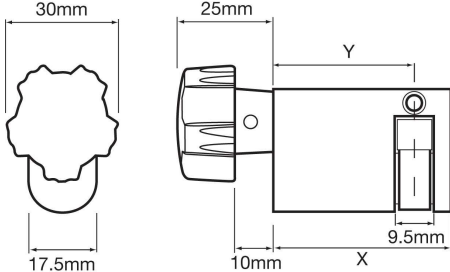

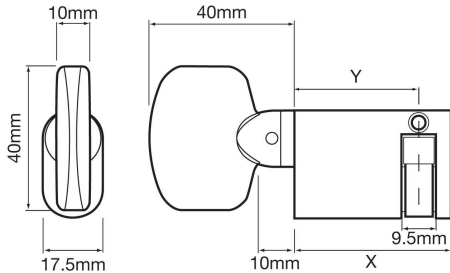


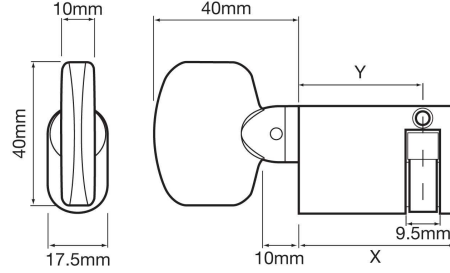

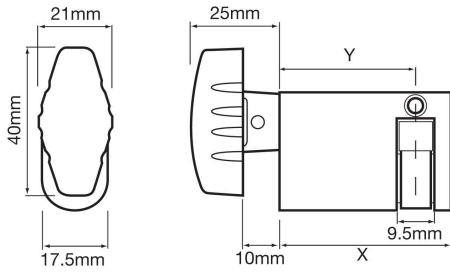

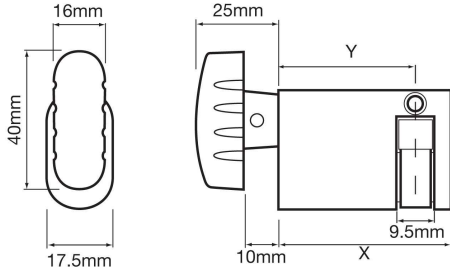


Cylinders - Traditional

Oval Profile - Turn Options



ASSA ABLOY

	2X53 - Round Turn	
	2X81 - Wave Turn	
 	2X82 - Large Turn	
	2X16 - Diamond Turn	
	2X70 - Signature Turn	

Cylinders - Traditional

2X6

Oval Profile Double Cylinder



ASSA ABLOY

Application:

- Key & key cylinder
- For use with UK oval profile lock cases

Specification:

- Extensive diifers, available in 5 or 6 pin
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Construction keying, clutch release and classroom functionality available
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Supplied with 3 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Please advise when ordering if the cylinder is for use with an outside access device
- Please check cylinder compatibility when specifying non UNION lock cases
- Key Blank Number: KB502
- Available in SC, PL and CH finishes

Finish:

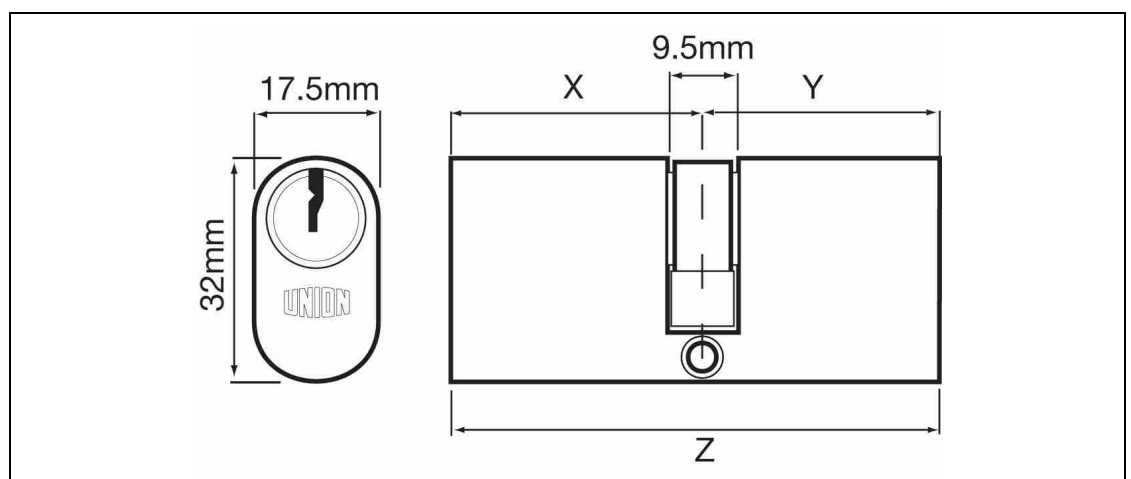
- SC - Satin Chrome
- PL - Polished Brass
- CH - Polished Chrome

Technical Design:



Standards:

- EN 1634-1:2000 assessed for use on 60 minutes timber fire doors




Cylinders - Traditional

Oval Profile - Turn Options



ASSA ABLOY

	<p>2X29 - Round Turn</p>	
	<p>2X88 - Wave Turn</p>	
	<p>2X83 - Large Turn</p>	
	<p>2X13 - Diamond Turn</p>	
	<p>2X69 - Signature Turn</p>	

Cylinders - Traditional

2X11

Round Cylinder



ASSA ABLOY

Application:

- Single screw in keyed cylinder
- For use with specialist narrow stile locks used on aluminium doors
- 32 threads per inch supplied as standard
- 26 t.p.i can be supplied for existing master keyed suites to special order but with the same cam that may need modification

Specification:

- Key access from one side of door
- May be supplied to differ, keyed alike, keyed to pass and master keyed
- Supplied with 2 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Please specify when ordering if you require 5 or 6 pin
- Key Blank Number: KB502
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass

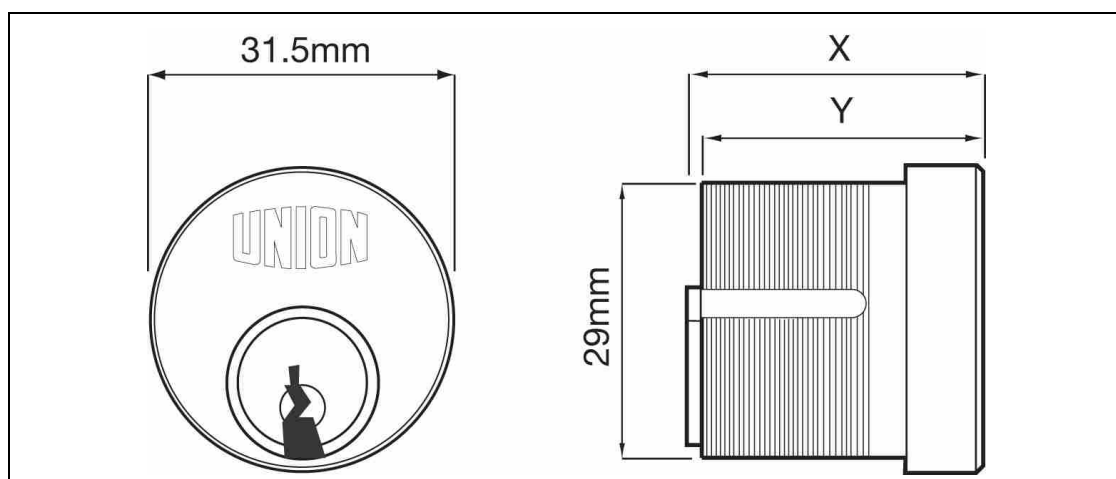
Cyl Size	X	Y
A	31.0mm	28.5mm
B	35.5mm	33.0mm
C	40.0mm	37.0mm



Standards:



Technical Design:



Cylinders - Traditional

1X1

Round Cylinder



ASSA ABLOY

Application:

- Single rim keyed cylinder
- For use with nightlatches or other locking devices which are operated from a tailbar

Specification:

- Key access from one side of door
- May be supplied to differ, keyed alike, keyed to pass and master keyed
- Supplied with 2 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Available Boxed or Visi-Packed
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Key Blank Number: KB8-NP
- Available in SC, PL and CH finishes
- Also supplied with matching cylinder rose

Finish:

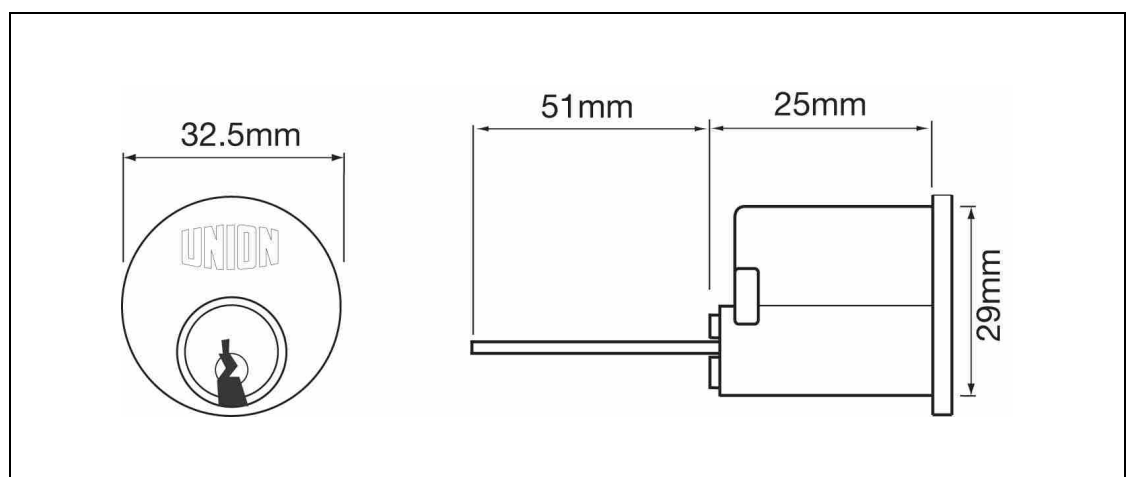
- SC - Stain Chrome
- PL - Polished Brass
- CH - Polished Chrome



Standards:



Technical Design:



Cylinders - Traditional

1X10F

Round Cylinder



ASSA ABLOY

Application:

- Single rim keyed cylinder
- For use with night latches or other locking devices which are operated by a tailbar

Specification:

- Key access from one side of door
- May be supplied to differ, keyed alike, keyed to pass and master keyed
- Can be keyed with other cylinder products such as padlock, outside locking devices and cabinet locks, which use the same key section
- For master key information please see separate page or check with your UNION area manager
- Supplied with 2 steel nickel plated keys as standard
- Master keyed products supplied with nickel silver keys
- Key Blank Number: KB502
- Also supplied with matching cylinder rose
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass

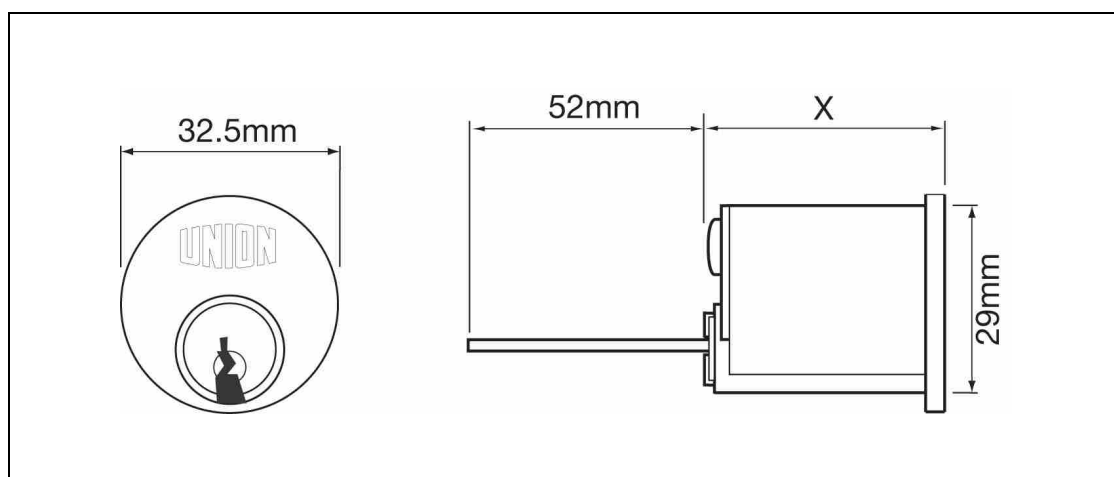


Standards:



Cyl Type	X
5 pin	24mm
6 pin	28mm

Technical Design:



Cylinders - Traditional

2X51

Special Oval Profile Key & Turn Cylinder



ASSA ABLOY

Application:

- **For use with L23702 lockcase only**
- Key & turn cylinder with privacy feature

Specification:

- 65mm equal length cylinder
- Only available master keyed
- **NB:** A guest room emergency key should be ordered in addition to any master keys, to override the privacy feature
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass



Standards:

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Cylinders - Traditional

UBDK

Dimple Key Cylinder



Application:

- Key & key cylinder
- For use with euro profile lock cases

Specification:

- Key operated from both sides to lock or unlock
- Extensive 6 pin differs
- Anti pick
- Anti drill
- May be supplied to differ, keyed alike or keyed to pass
- May be supplied master keyed
- Supplied with 5 steel nickel plated dimple keys as standard
- Master keyed products supplied with nickel silver keys
- Material: Brass
- Available as boxed or visi-pack



Standards:

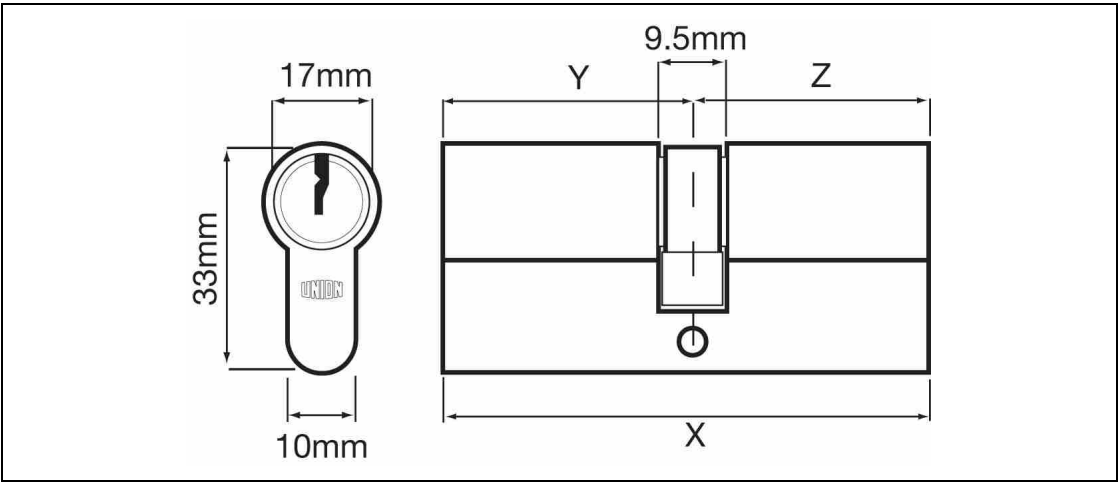


Finish:

- PB - Polished Brass
- CP - Chrome Plated

Cyl Type	X	Y	Z
3030	60mm	30mm	30mm
3535	70mm	35mm	35mm

Technical Design:



Cylinders - KeyULTRA



keyULTRA™ is UNION's new cylinder system made in the UK, with a patent lasting until 2028, providing piece of mind that cylinder keys cannot be copied. keyULTRA™ benefits from DuraPIN™ patented key cutting, GuardPIN™ bump resistant technology, together with anti-drill and anti-pick features.



keyULTRA™ is built to suit a variety of applications with a wide range of sizes, from 30mm x 30mm to 85mm x 85mm, and is available for euro and oval profile cylinders.

keyULTRA™ is already durability proven being tested to half a million cycles and has high corrosion resistance, so it can be used to equal effect in a variety of environments.

Functions:

To meet modern specification requirements, keyULTRA™ cylinders are also available with the following functions:

- Clutch release
- Classroom
- Construction Keying

Features:

- Patented until 2028 (GB2453625 and GB2453624)
- Highest key related security - as per BS EN 1303:2005: Grade 6
- Highest attack resistance - as per BS EN 1303:2005: Grade 2
- Bump resistant GuardPIN™ technology
- Wear resistance - self lubricating materials
- Durability tested to half a million cycles
- Suitable for fire doors
- The UNION keyULTRA™ is supplied with 2 oversized solid nickel silver keys as standard

Master Keying:

Extensive master keying capability. With a key-related security of Grade 6 there are over 550,000 possible key differs.



Cylinder Details

keyULTRA™ cylinder measurements are calculated by measuring from the edge of the cylinder to the centre of the cam on both sides of the product.

keyULTRA™ product order codes are created using the four digits that make up the overall cylinder length, eg, the product code for an equal length cylinder, overall length 60mm, is 3030.

Single keyULTRA™ Cylinders

Order Size	Overall Cylinder Length (X)	Key Side to Centre of Cam (Y)	Centre of Cam to End
3010	40.0	30.0	10.0
3510	45.0	35.0	10.0
4010	50.0	40.0	10.0
4510	55.0	45.0	10.0
5010	60.0	50.0	10.0
5510	65.0	55.0	10.0
6010	70.0	60.0	10.0
6510	75.0	65.0	10.0
7010	80.0	70.0	10.0
7510	85.0	75.0	10.0

Equal Length keyULTRA™ Double Cylinders

Order Size	Overall Cylinder Length (X)	Key Side to Centre of Cam (Y)	Centre of Cam to Key Side (Z)
3030	60.0	30.0	30.0
3535	70.0	35.0	35.0
4040	80.0	40.0	40.0
4545	90.0	45.0	45.0
5050	100.0	50.0	50.0
5555	110.0	55.0	55.0
6060	120.0	60.0	60.0
6565	130.0	65.0	65.0
7070	140.0	70.0	70.0
7575	150.0	75.0	75.0
8080	160.0	80.0	80.0
8585	170.0	85.0	85.0

Equal Length keyULTRA™ Key & Turn Cylinders

Order Size	Overall Cylinder Length (X)	Turn Side to Centre of Cam (Y)	Centre of Cam to Key Side (Z)
3030	60.0	30.0	30.0
3535	70.0	35.0	35.0
4040	80.0	40.0	40.0
4545	90.0	45.0	45.0
5050	100.0	50.0	50.0
5555	110.0	55.0	55.0
6060	120.0	60.0	60.0
6565	130.0	65.0	65.0
7070	140.0	70.0	70.0
7575	150.0	75.0	75.0
8080	160.0	80.0	80.0
8585	170.0	85.0	85.0

Cylinders - KeyULTRA

KUES / KUOS

KeyULTRA Single Cylinder - Euro or Oval



ASSA ABLOY

Application:

- KeyULTRA has a long patent providing peace of mind that cylinder keys cannot be copied
- KeyULTRA benefits from DuraPIN patented key cutting, GuardPIN bump resistant technology, together with anti-drill and anti-pick features

Specification:

- Key operated to lock or unlock
- Patented until 2028 (GB2453625 and GB2453624)
- Suitable for fire doors
- Bump resistant GuardPIN technology
- Drill resistant
- Plug extraction resistant
- Chisel and twist resistant - when used with appropriate security escutcheon
- Pick resistant:
Paracentric keyway Mushroom drivers Anti-pick notches in the differ pins
- Wear resistance: Nickel silver differ pins
- Extensive master keying capability - available key differs in excess of half a million
- Supplied with 2 oversized solid nickel silver keys as standard
- Extra keys available upon request
- Manufactured in UK
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass



Standards:

- Cycle tested to 500,000 cycles
- BS EN 1303: 2005

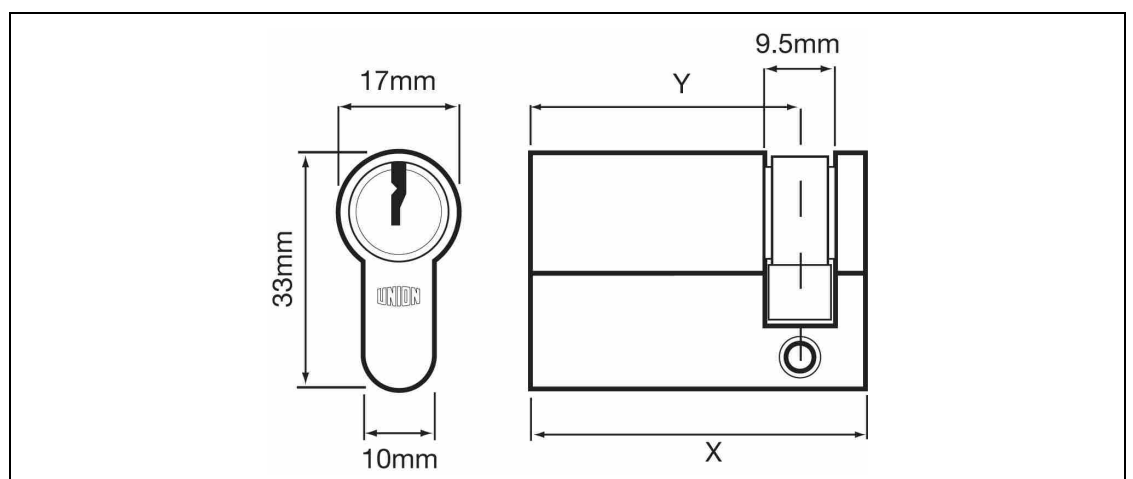
1 6 0 1 0 C 6 2*

*When used with appropriate security escutcheon

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Cylinders - KeyULTRA

KUED / KUOD

KeyULTRA Double Cylinder - Euro or Oval



Application:

- KeyULTRA has a long patent providing peace of mind that cylinder keys cannot be copied
- KeyULTRA benefits from DuraPIN patented key cutting, GuardPIN bump resistant technology, together with anti-drill and anti-pick features

Specification:

- Key operated to lock or unlock
- Patented until 2028 (GB2453625 and GB2453624)
- Suitable for fire doors
- Bump resistant GuardPIN technology
- Drill resistant
- Plug extraction resistant
- Chisel and twist resistant - when used with appropriate security escutcheon
- Pick resistant:
Paracentric keyway Mushroom drivers Anti-pick notches in the differ pins
- Wear resistance: Nickel silver differ pins
- Extensive master keying capability - available key differs in excess of half a million
- Supplied with 2 oversized solid nickel silver keys as standard
- Extra keys available upon request
- Manufactured in UK
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass

Technical Design:

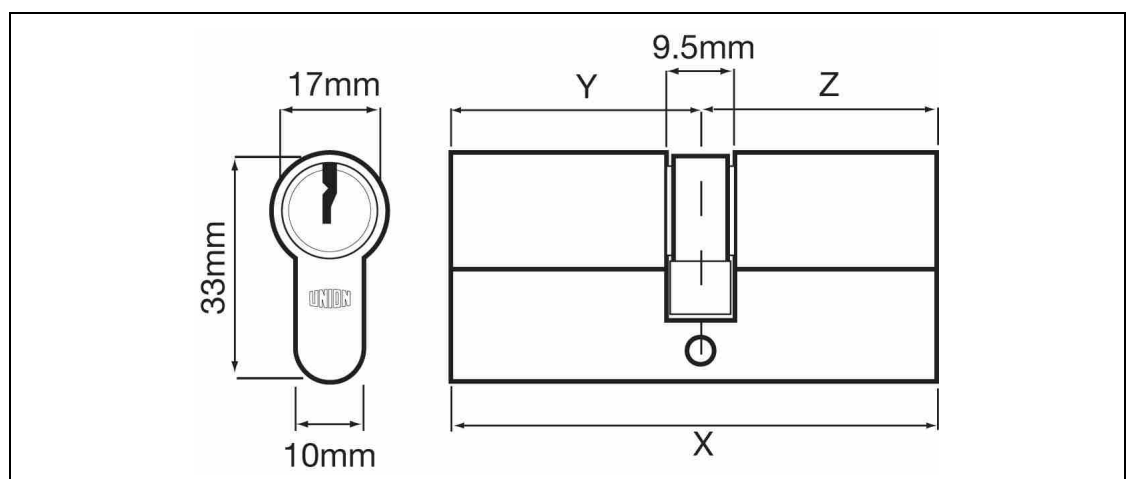


Standards:

- Cycle tested to 500,000 cycles
- BS EN 1303:2005

1	6	0	1	0	C	6	2*
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*When used with appropriate security escutcheon
- EN 1634-1 assessed for use on 60 minutes timber fire doors
- Included in a 3rd-party FD90 timber fire door test



Cylinders - KeyULTRA

KUET / KUOT

KeyULTRA Key & Turn Cylinder - Euro or Oval



ASSA ABLOY

Application:

- KeyULTRA has a long patent providing peace of mind that cylinder keys cannot be copied
- KeyULTRA benefits from DuraPIN patented key cutting, GuardPIN bump resistant technology, together with anti-drill and anti-pick features

Specification:

- Key or turn operated to lock or unlock
- Patented until 2028 (GB2453625 and GB2453624)
- Suitable for fire doors
- Bump resistant GuardPIN technology
- Drill resistant
- Plug extraction resistant
- Chisel and twist resistant - when used with appropriate security escutcheon
- Pick resistant:
Paracentric keyway Mushroom drivers Anti-pick notches in the differ pins
- Wear resistance: Nickel silver differ pins
- Extensive master keying capability - available key differs in excess of half a million
- Supplied with 2 oversized solid nickel silver keys as standard
- Extra keys available upon request
- Manufactured in UK
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass

Technical Design:



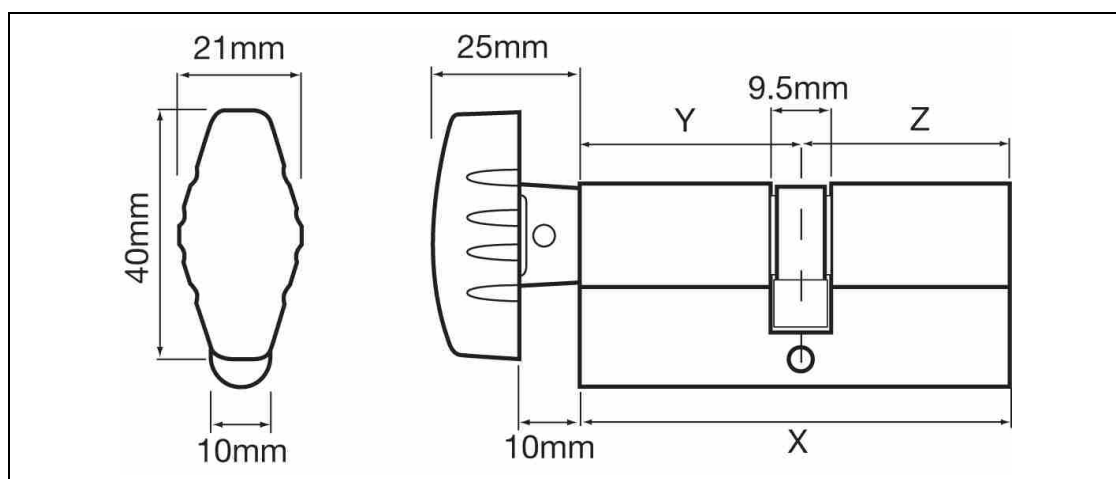
Standards:

- Cycle tested to 500,000 cycles
- BS EN 1303:2005

1 6 0 1 0 C 6 2*

*When used with appropriate security escutcheon

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Cylinders - KeyULTRA

KUSCREWCYL

KeyULTRA Mortise Screw-in Cylinder



ASSA ABLOY

Application:

- Single screw in keyed cylinder
- For use with narrow style mortise locks or American style operating from a 32mm threaded cylinder

Specification:

- Key access from one side of the door
- Patented until 2028 (GB2453625 and GB2453624)
- Suitable for fire doors
- Bump resistant GuardPIN technology
- Drill resistant
- Plug extraction resistant
- Chisel and twist resistant
- Pick resistant:
 - Paracentric keyway
 - Mushroom drivers
 - Anti-pick notches in the differ pins
- Wear resistance: Nickel silver differ pins
- Extensive master keying capability - available key differs in excess of half a million
- Supplied with 2 oversized solid nickel silver keys as standard
- Extra keys available upon request
- Manufactured in UK
- Available in SC and PL finishes

Finish:

- SC - Satin chrome
- PL - Polished Brass

Technical Design:



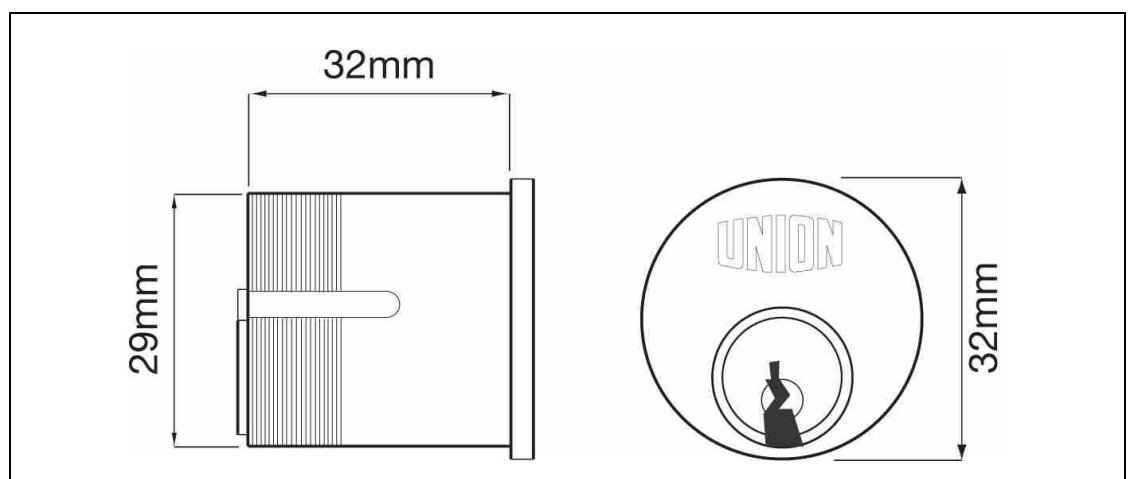
Standards:

- Cycle tested to 500,000 cycles
- BS EN 1303: 2005

1 6 0 1 0 C 6 2*

*When used with appropriate security escutcheon

- EN 1634-1 assessed for use on 60 minutes timber fire doors



Cylinders - KeyULTRA

KURIMCYL

KeyULTRA Rim Cylinder



ASSA ABLOY

Application:

- Single rim keyed cylinder
- For use with nightlatches or other locking devices which are operated from a tailbar
- Suitable for doors up to 54mm thick

Specification:

- Key access from one side of the door
- Patented until 2028 (GB2453625 and GB2453624)
- Suitable for fire doors
- Bump resistant GuardPIN technology
- Drill resistant
- Plug extraction resistant
- Chisel and twist resistant
- Pick resistant:
 - Paracentric keyway
 - Mushroom drivers
 - Anti-pick notches in the differ pins
- Wear resistance: Nickel silver differ pins
- Extensive master keying capability - available key differs in excess of half a million
- Supplied with 2 oversized solid nickel silver keys as standard
- Extra keys available upon request
- Manufactured in UK
- Available in SC and PL finishes

Finish:

- SC - Satin Chrome
- PL - Polished Brass

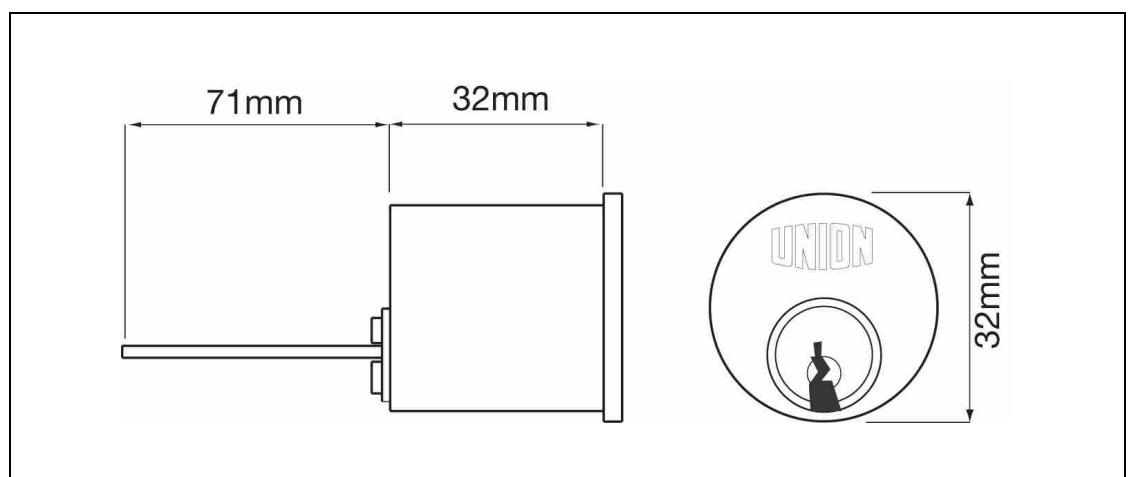


Standards:

- Cycle tested to 500,000 cycles
 - BS EN 1303:2005
- | | | | | | | | |
|---|---|---|---|---|---|---|----|
| 1 | 6 | 0 | 1 | 0 | C | 6 | 2* |
|---|---|---|---|---|---|---|----|
- *When used with appropriate security escutcheon
- EN 1634-1 assessed for use on 60 minutes timber fire doors



Technical Design:



Cylinders - KESO



UNION offers a variety of UNION KESO products to meet the demands of high security external applications. Cylinders are available in three different variations.

Modular Design

Each side of a double cylinder is a stand-alone unit, secured together by a steel connecting bar. This allows on-site extension and adds significant strength to a weak area of traditional cylinder designs preventing snapping

Single Cylinder Extensions

Cylinder dimensions can be altered quickly and simply with the addition of 5mm or 10mm cylinder extension pieces

Reversible Flat Key

Fully reversible dimple key (supplied and ordered separately to cylinders)

Standards

- Tested to and exceed the requirements of BS EN 1303 - see individual product pages for details
- Procedure for the approval and testing of fire protection and security equipment, components and systems VdS 2344en (1999-02)
- Rules for the physical security equipment, profile cylinders with individual combinations - requirements and test methods - VdS 2156 (2001-02)

Anti-Pull Plug (MK1 variant only)

External cylinders offer many unique security features for high security doors. An example is a rear loaded plug which is virtually impossible to pull from the housing

Finishes

Available in SIDRA Satin Chrome and Gold Plate (Brass effect)



Cylinders - KESO

Patent Protection



ASSA ABLOY

UNION KESO Omega is a UNION locking system that provides maximum security. Omega technology can be integrated with non-Omega (2000S) cylinders within the same master-key system.

Omega cylinders can only be operated by Omega keys, with a special corresponding mechanism at the tip. Omega keys, however, do operate 2000S cylinders, although this is not possible when reversed.

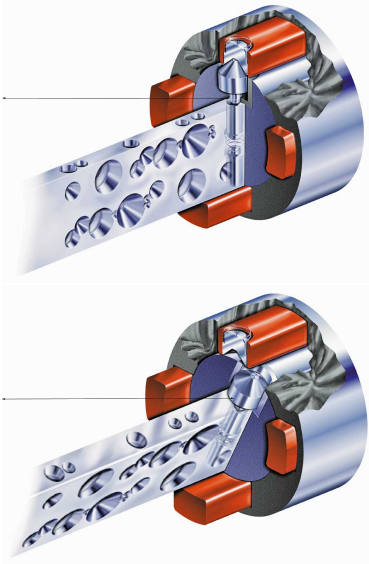
This combination of systems allows the end-user to choose between different levels of physical security and key protection according to application.

The Omega patent legally prevents illicit copying of key blanks, giving peace of mind to the suite-holder who can feel certain that nobody is able to gain access by key to the building locked by UNION KESO.

The Omega patent is particularly effective in preventing copying of key blanks as the patented Omega function requires a moving mechanism to be inserted into the key. This mechanism is necessary to unlock the cylinder.

Inserting the Omega key lifts the corresponding Omega pin and top-pin

Turning the key depresses the Omega pin into the cylinder plug and the tip of the key. The Omega counter-pin remains fixed in the cylinder housing



Cylinder Size Details

Single				Double				Turn			
Model	A	B	C	Model	A	B	C	Model	A	B	C
3010	30	10	40	3030	30	30	60	3030	30	30	60
3510	35	10	45	3535	35	35	70	3535	35	35	70
4010	40	10	50	3540	35	40	75	3540	35	40	75
4510	45	10	55	4040	40	40	80	4040	40	40	80
				4045	40	45	85	4545	45	45	90
				4545	45	45	90				

Cylinders - KESO

Patent Protection

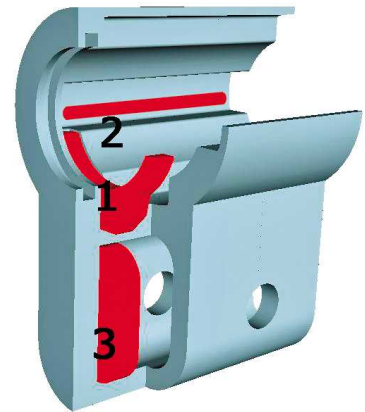


ASSA ABLOY

Extra Protection - External Security Only

The security superiority of the UNION KESO Omega locking system is shown by its highly sophisticated mechanism.

1. The cylinder body is built from multiple laminated layers of chrome nickel steel, including a drill protection layer between the steel laminate layers. This gives added drill protection within the cylinder body.
2. The plug itself is further strengthened from screw attack by the addition of lateral anti-drill rods along the entire length of the internal mechanism.
3. The lower part of the cylinder body is protected from drilling in all UNION KESO cylinders by the addition of an anti-drill plate.



As in the case of all UNION KESO cylinders, the modular internal and external sides are secured together by a stainless steel connecting bar. This offers increased strength over conventional cylinders by preventing force attack through breaking or snapping the centre of the cylinder.

UNION KESO 2000S - Internal Security

Internal Security - UNION 2000S is a non-patented UNION locking system that can be combined in the same master-key system with patent protected UNION KESO Omega cylinders. The 2000S conforms to CEN grade 4 and is ideally suited to internal door applications, where cost is important and a lower level of key protection is acceptable.

External Security - UNION KESO Omega cylinders must be used for all security applications where patent protection is essential to protect the integrity of the system. An addition to the Omega cylinder range is the unique anti-pull external cylinder. UNION KESO 2000S cylinders can be operated by UNION KESO Omega keys. It is not possible, however, for UNION KESO 2000S keys to operate Omega cylinders, which makes 2000S suitable only for lower security areas of a master-key system.

This combination of systems allows the end user to choose between different levels of physical security and key protection according to the application. This allows price savings to be made in areas of a master-key system where security is less important.

Cylinders - KESO

K1ES / K1OS

Omega Single Cylinder - Euro or Oval



ASSA ABLOY

Application:

- For use with euro or oval profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from one side of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)

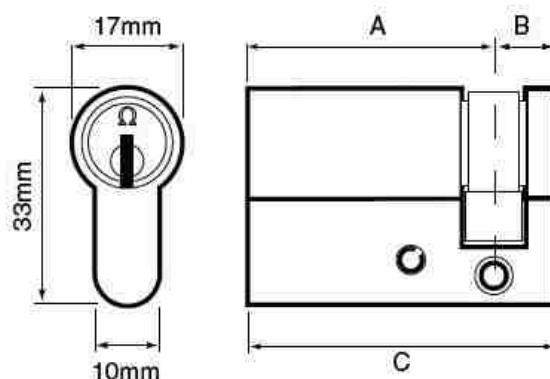


Standards:

- BS EN 1303
16010B61



Technical Design:



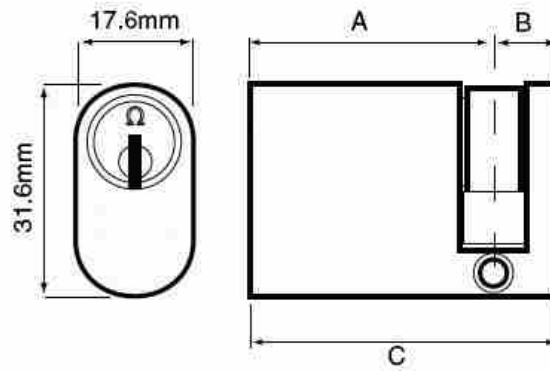
Cylinders - KESO

K1ES / K1OS

Omega Single Cylinder - Euro or Oval



ASSA ABLOY



Cylinders - KESO

K1ED / K1OD

Omega Double Cylinder - Euro or Oval



ASSA ABLOY

Application:

- For use with euro or oval profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from both sides of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)

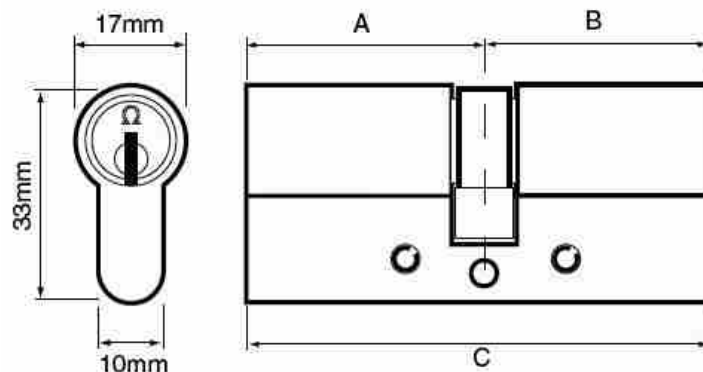


Standards:

- BS EN 1303
16010B61



Technical Design:



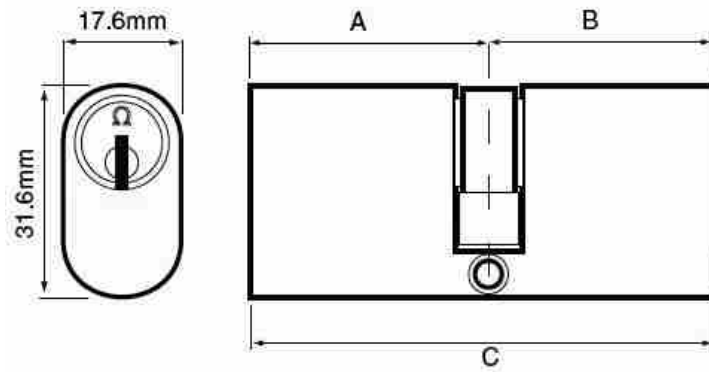
Cylinders - KESO

K1ED / K1OD

Omega Double Cylinder - Euro or Oval



ASSA ABLOY



Cylinders - KESO

K1ET / K1OT

Omega Key & Turn Cylinder - Euro or Oval



ASSA ABLOY

Application:

- For use with euro or oval profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from one side of the door and thumbturn operation from the other
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)

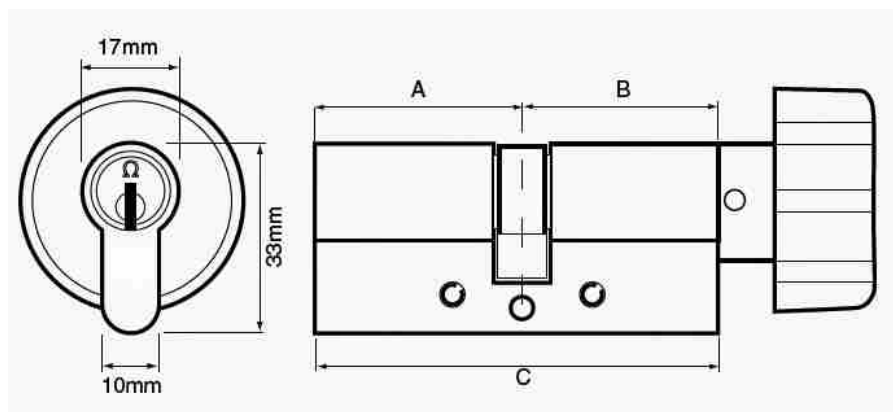


Standards:

- BS EN 1303
16010B61



Technical Design:



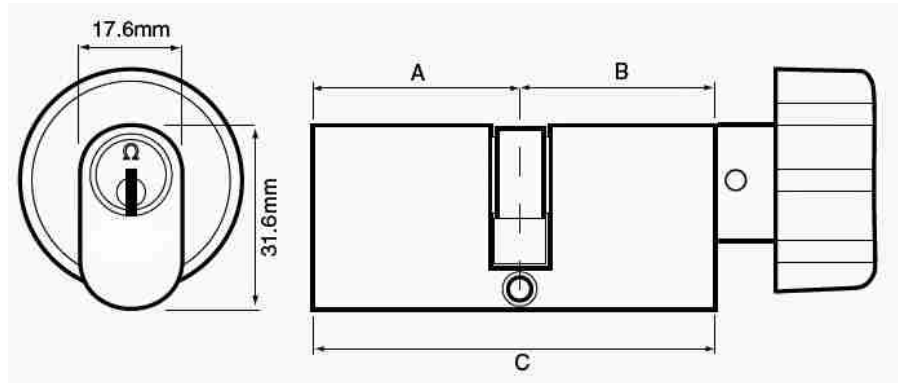
Cylinders - KESO

K1ET / K1OT

Omega Key & Turn Cylinder - Euro or Oval



ASSA ABLOY



Cylinders - KESO

K1RS

Omega Rim Cylinder



ASSA ABLOY

Application:

- For use with nightlatches operating from a connecting bar
- Suitable for doors from 38-57mm in thickness

Specification:

- Key access from one side of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)



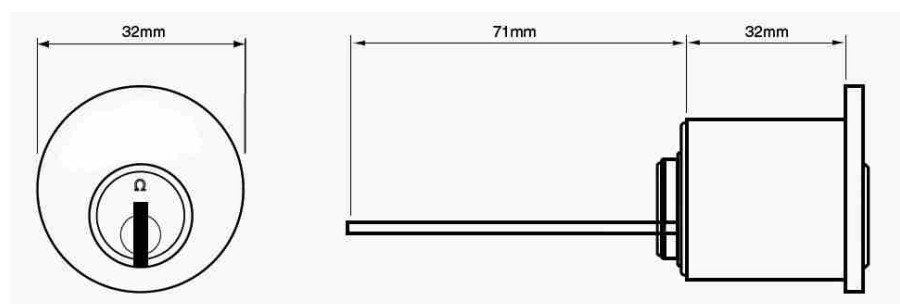
Standards:

- BS EN 1303

1	6	0	1	0	B	6	1
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Technical Design:



Cylinders - KESO

K4ES

Omega 4000 Euro Profile Single Cylinder - External



ASSA ABLOY

Application:

- For use with euro profile lock cases
- For use on very high security external doors where physical protection is crucial

Specification:

- Key access from one side of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Anti-pull plug, lateral and vertical drill protection in plug and housing
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: Laminated steel with anti-drill layer

Finish:

- S - Steel finish only

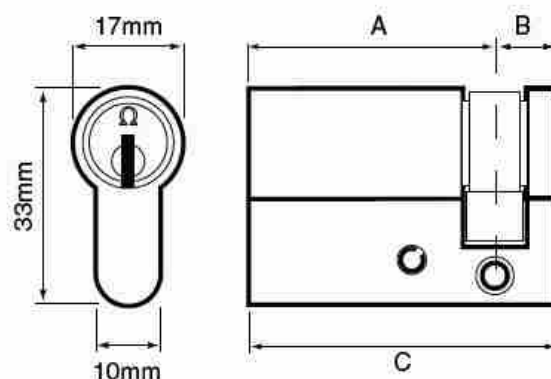


Standards:

- BS EN 1303 16010B61



Technical Design:



Cylinders - KESO

K4ES

Omega Euro Profile Single Cylinder



ASSA ABLOY

Application:

- For use with euro profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from one side of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)



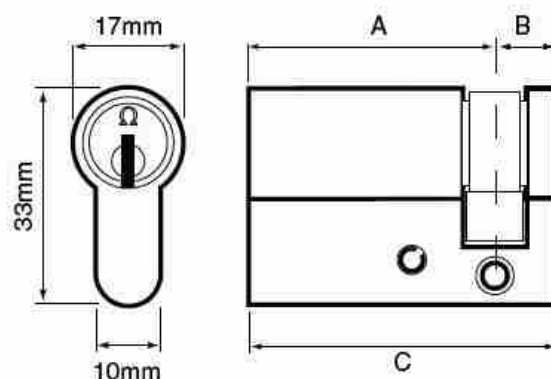
Standards:

- BS EN 1303

1	6	0	1	0	B	6	1
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Technical Design:



Cylinders - KESO

K4ED

Omega Euro Profile Double Cylinder



ASSA ABLOY

Application:

- For use with euro profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from both sides of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)



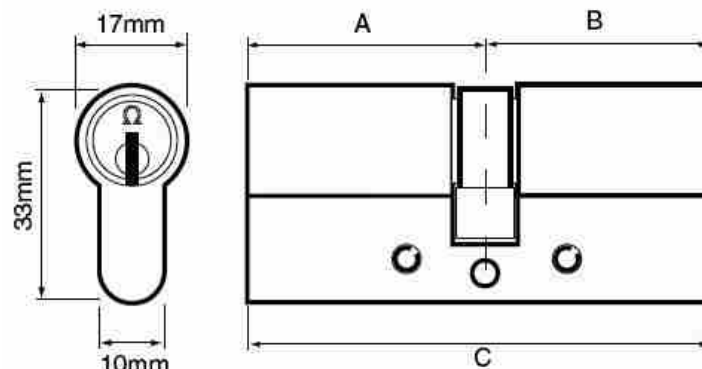
Standards:

- BS EN 1303

1	6	0	1	0	B	6	1
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Technical Design:



Cylinders - KESO

K4ET

Omega Euro Profile Key & Turn Cylinder



ASSA ABLOY

Application:

- For use with euro profile lock cases
- For use on all high security applications requiring patent protection

Specification:

- Key access from one side of the door and thumbturn operation from the other
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel
- Please check cylinder compatibility if specifying non UNION lock cases
- Available in SI and GP finishes

Finish:

- SI - SIDRA Satin Chrome
- GP - Gold Plate (Brass Effect)



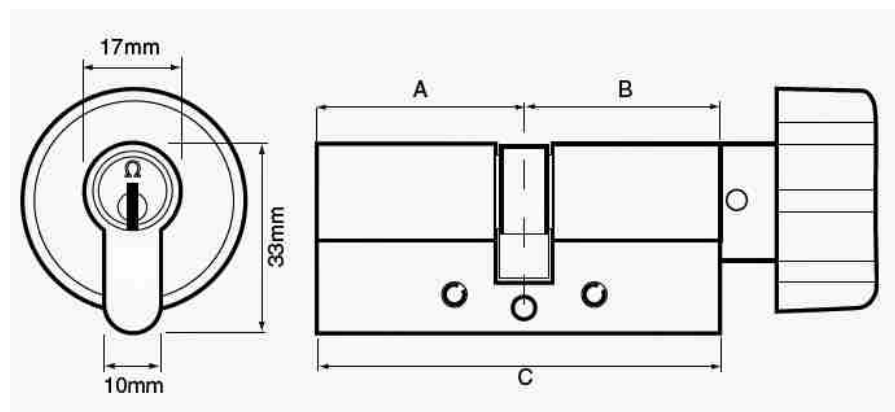
Standards:

- BS EN 1303

1	6	0	1	0	B	6	1
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Technical Design:



Cylinders - KESO

K1RC

Omega Rim Cylinder



ASSA ABLOY

Application:

- Screw-in cylinder for American mortice locks

Specification:

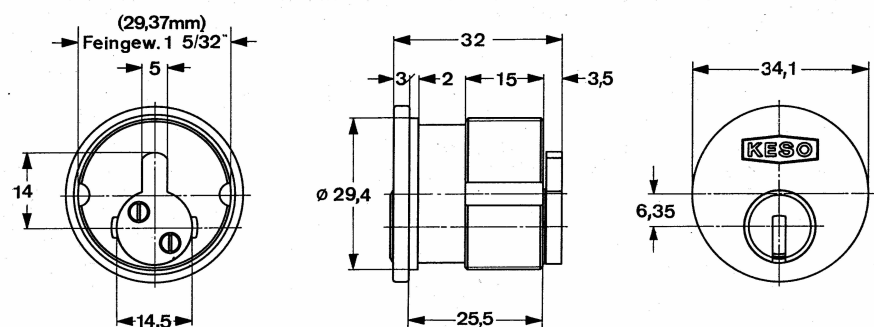
- Key access from one side of the door
- Extensive differs
- Break, drill and pick resistant
- Force and corrosion resistant
- Reversible flat key system, Omega patent
- Patented cylinder system
- May be supplied master keyed with all UNION KESO cylinders and padlocks
- For master key information please check with your local UNION DESIGN CENTRE
- Keys supplied separately
- Material: SIDRA steel, chrome-plated
- Length: 33mm
- Diameter: 34.1mm
- With hardened HRC60 tumblers

Finish:

- SI - SIDRA Satin Chrome



Technical Design:



Door Closers

UNION offers a wide range of door closers to suit most applications and projects. A number of considerations should be taken into account in order to select the correct unit for a particular use. Please contact UNION Customer Service for further advice.



Closing Speed

Speed at which the door leaf is allowed to close

Latch (Snap) Action

Accelerated closing during the final few degrees of closing to overcome latch bolt or seal resistance

Backcheck

A 'cushioning' effect to prevent damage to door and adjoining structure if door is thrown or blown open

Electromagnetic Hold Open

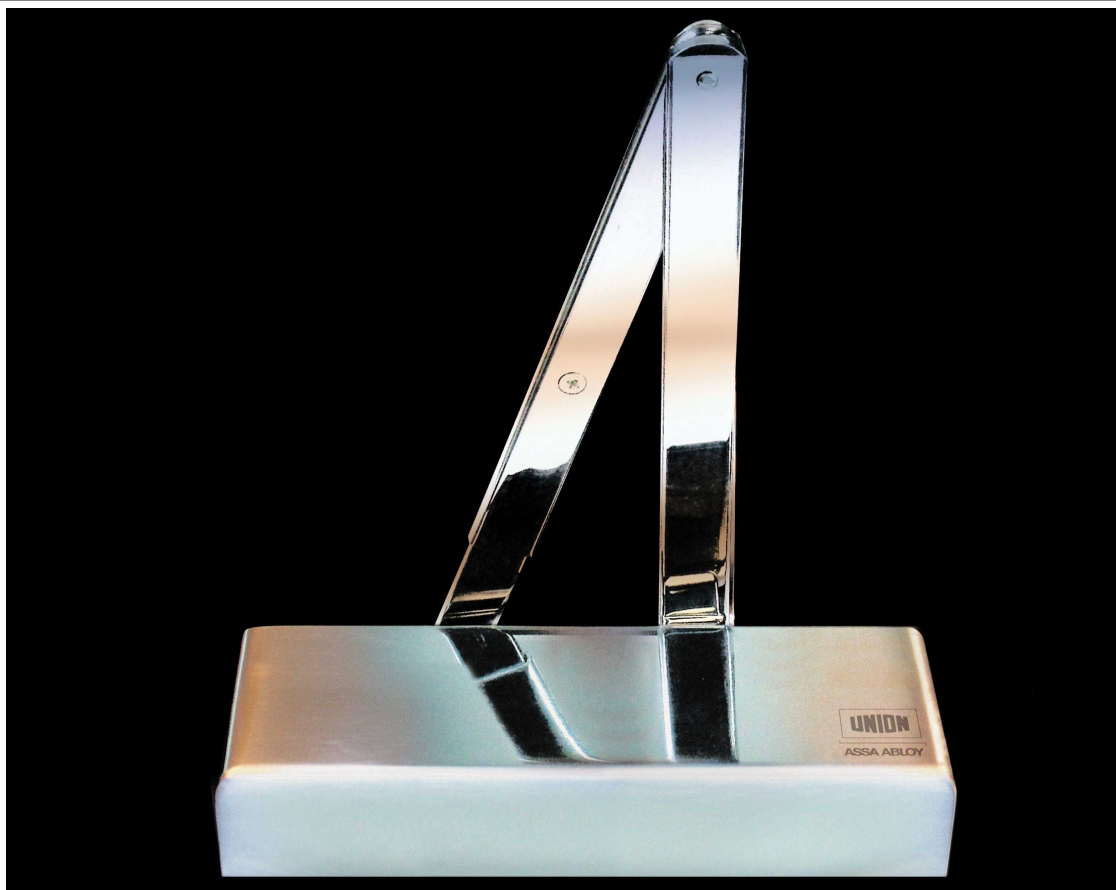
A closer with an integral electro magnet allows a fire door to be held open for convenience. The magnet is linked into the fire alarm system and automatically releases the door when the fire alarm is activated

Electromagnetic Swing Free

As electromagnetic hold open, but permits a fire door to be 'free swinging' for convenience. Not recommended for general traffic areas or doors which are subject to draughts

Finishes

UNION door closers are available in a variety of cover designs and finishes. See individual product pages for details



Door Closers

Door Closer Look Up Table



The following tables are a comprehensive overview of the key features and functions of all available UNION door closers. For more details please refer to the individual product page or contact your local UNION office.

Technical Information			Rack & Pinion									Electro Magnetic
			N8825	N8824BC	N8824	N8834	88234	RETRO3	RETRO4	N8803 (CE3F)	ES103	N8899
Size	Max Door Width	Max Door Weight	Adjustable Strength					Fixed Strength				Fixed Strength
EN 1	750mm	20kg	—	—	—	—	—	—	—	—	—	—
EN 2	850mm	40kg	↑	↑	↑	—	↑	—	—	—	—	—
EN 3	950mm	60kg						■	—	■	■	—
EN 4	1100mm	80kg						—	■	—	■	■
EN 5	1250mm	100kg		—	—	—	—	—	—	—	—	—
EN 6	1400mm	120kg	—	—	—	—	—	—	—	—	—	—
Power Adjustment			Wind-through		Template			n/a				n/a
Maximum Opening Angles (For Adjustable Strength units please refer to individual product pages for variations)			Apps. 1 & 61									Apps. 1 & 61
			165°	135°	135°	180°	180°	180°	180°	130°	150°	180°
			180°	160°	160°	130°	App.66 180°	180°	180°	130°	180°	App. 66 180°
Adjustable Backcheck			■	■	—	—	Optional	—	—	—	Optional	—
Delayed Action			—	—	—	—	—	—	—	—	—	—
Non-handed			■	■	■	■	■	■	■	■	■	■
Mechanical Hold Open			—	—		—	Optional	—	—	—	—	—
Electro Magnetic hold open			—	—	—	—	—	—	—	—	—	between 75° & 180°
Electro Magnetic freeswing			—	—	—	—	—	—	—	—	—	■
Universal fixing - Apps. 1, 66 & 61			■	■	■	■	■	■	■	■	App.1 & 61 only	■
Covers & Finishes												
Cover Design	Curve ©		C	C	C	S	No cover	Square only	Square only	No cover	Slide plate	C
Finishes with matching arms	SE Silver Enamel		—	—	—	—	—	■	■	—	■	—
	BE Bronze Enamel		—	—	—	—	—	—	—	—	■	—
	GE Gold Enamel		—	—	—	—	—	—	—	—	■	—
	SIL Silver		■	■	■	■	■	—	—	■	—	■
	GLD Gold		—	S only	S only	■	■	—	—	■	—	—
	SSF Satin Stainless Steel		■	■	■	—	—	—	—	—	—	■
	PSF Polished Stainless Steel		■▲	■▲	■▲	—	—	—	—	—	—	■
	PBF Polished Brass		■▲	■▲	■▲	—	—	—	—	—	—	■
Finishes with Black arms	SSB Satin Stainless Steel		—	—	—	—	—	—	—	—	—	■
	PSB Polished Stainless Steel		—	—	—	—	—	—	—	—	—	■
	PBB Polished Brass		—	—	—	—	—	—	—	—	—	■
Standards												
3rd. Party tested to EN 1154			■	■	■	■	■	■	■	■	■	n/a
3rd. Party tested to EN 1155			n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	■
EN 1634-1			■	■	—	■	■	■	■	■	—	■
CE Marked			■	■	—	■	■	■	■	■	■	■
Certifire Approval			■	■	—	■	—	■	■	■	—	■



- Available
- Not available
- ▲ Some variants available work to order

Door Closers

Door Closer Look Up Table



ASSA ABLOY

Technical Information			Overhead Concealed			Floor Springs	
			803	804	89624	FSDA180	FS75B
Size	Max Door Width	Max Door Weight	Fixed Strength		Ajustable Strength	Fixed Strength	Ajustable Strength
EN 1	750mm	20kg	—	—	—	—	
EN 2	850mm	40kg	—	—		—	
EN 3	950mm	60kg	■	—		—	
EN 4	1100mm	80kg	—	■		—	
EN 5	1250mm	100kg	—	—	—	—	—
EN 6	1400mm	120kg	—	—	—	■	—
Adjustable Double Action Fittings			n/a			■	■
Suitable for Single Action Doors						—	■
Maximum Opening Angles			Mounted in top rail			115°	180°
			130°	130°	120°		
			Mounted in transom				
			140°	140°			
Adjustable Backcheck			○	○	—	■	—
Delayed Action			—	—	—	—	—
Pressure relief valve			■	■	■	—	—
Intumescent kit			○	○	—	—	—
Non-handed			■	■	■	■	■
Mechanical Hold Open			○	○	○	○	■
Universal fixing			In top rail or in transom mounting			n/a	
Finishes							
Finishes			Arm	Arm	Arm	Cover Plate	Cover Plate
SE Silver Enamel			■	■	■	—	—
GE Gold Enamel			■	■	■	—	—
SIL Silver			—	—	■	—	—
SS Stainless Steel			—	—	SS		SS
Standards							
3rd. Party tested to EN 1154			■	■	—	—	—
3rd. Party tested to EN 1155			n/a	n/a	n/a	n/a	n/a
EN 1634-1			■	■	—	—	—
CE Marked			■	■	—	—	—
UL Listed			—	—	—	■	n/a

- Supplied as standard
- Option
- Not available

Door Closers

Door Closer Look Up Table



Power Size

The power of a door closer should relate to the width and weight of the door onto which it is to be fitted. The chart below provides a guide to selecting the appropriate product.

Door Closer Power Size	Recommended Max Door Wide (mm)	Max Test Door Mass kg
1	<750	20
2	850	40
3	950	60
4	1100	80
5	1250	100
6	1400	120
7	1600	160

Extract - Table 1, BS EN 1154

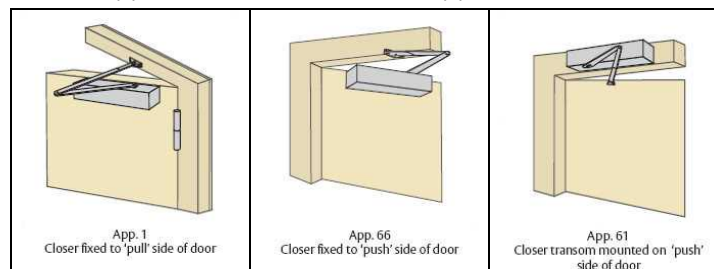
Closers are designed to specific strengths, ie, 'fixed' strength or variable strengths, whereby the power is either 'adjustable' within the mechanism itself or 'selectable' via the template. See Look Up tables or individual product pages for further information.

When fitting a closer in a parallel arm installation (app 66), it is usual to experience some power loss and a stronger unit may be needed. However some UNION closers retain their strength regardless of application. See Look Up tables or individual product pages for further information.

Certain environmental factors could impact on the opening force of the door, eg, wind pressures. If unusually windy or draughty conditions are expected, select the power size for the next door width.

Applications

All UNION closers are 'universal' and supplied arms to suit three applications, with PA bracket supplied separately.



European Standards



Depending on their function, all UNION door closers are CE marked and conform to either BS EN 1154 Controlled Door Closing Devices, or BS EN 1155 Electrically Powered Hold-Open Devices for Swing Doors. All products have been included in a successful fire test in accordance with BS EN 1634-1

Fire Resisting Doors

BS EN 1154, Annex A (normative) contains additional requirements for door closing devices intended for use in fire/smoke door assemblies. Door closers fitted to fire/smoke doors should:

Be CE marked power 3 or adjustable power 2-4. Selectable power units, ie, adjustment by template are not recommended

Have control regulators concealed or operable only by means of a tool

Not include a hold open device unless it is an electrically powered device in accordance with BS EN 1155

Have been included in a full scale successful fire test in accordance with BS EN 1634-1

Door Closers

N8825

Heavy Duty with Back Check



Application:

- Suitable for fire resistant doors and other internal doors
- Sizes EN 2-5 wind through adjustable

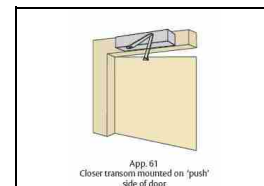
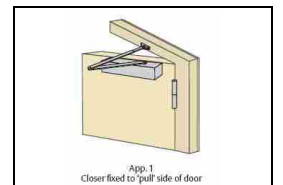
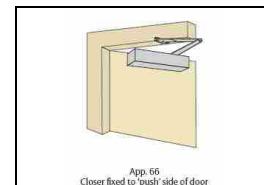
Specification:

- Aluminium body, steel armset
- Independent door speed and latch controls
- Adjustable backcheck
- Non-handed for maximum flexibility
- Concealed fixings and adjustment controls
- Curve cover style in a choice of finishes
- Adjustable, flatform arm
- Easy-to-use template and pictorial fitting instructions
- All covers have matching arms

Finish:

- SIL - Silver
- SS - Satin Stainless Steel (SS304)

	Apps 1 & 61	App 66
Max door width	1250mm	1250mm
Max door mass	100kg	100kg
Max opening angle	165°	180°



Standards:

- Certificate Number:
- 1121-CPD-AD0053 (CE mark not valid if door width/mass exceeds values shown)
- 3rd party tested to BS EN 1154
- Achieves the following classification in Apps. 1 & 61
3 8 5/2 1* 1 3
- Achieves the following classifications in App. 66
3 8 5/2 1* 1 3
- *Included in fire tests to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD120
- Certifire Certificate Number: CF410



Door Closers

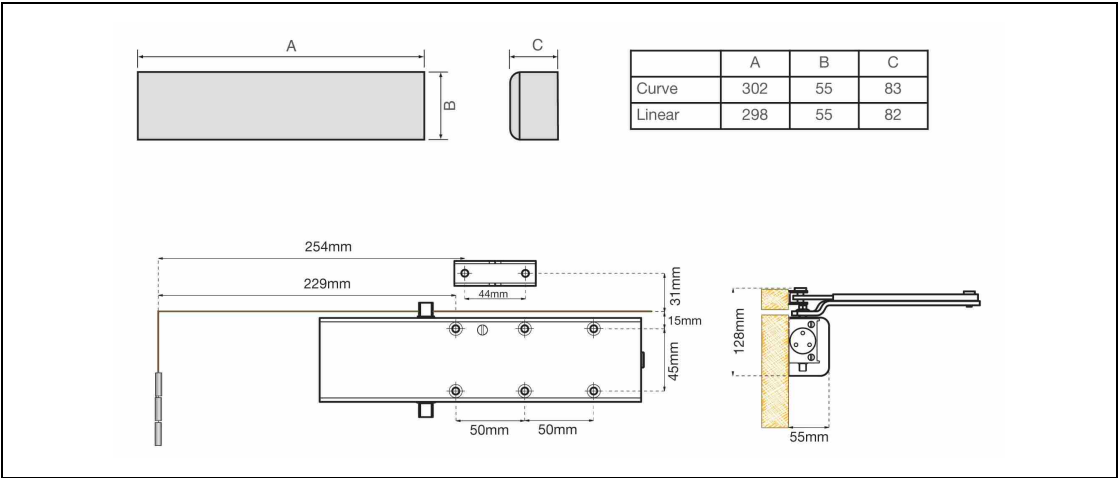
N8825

Heavy Duty with Back Check



ASSA ABLOY

Technical Design:



Door Closers

N8824 / N8824BC / N8824SR

Medium Duty



ASSA ABLOY

Application:

- Suitable for fire resistant doors and other internal doors
- Sizes EN 2-4 wind through adjustable

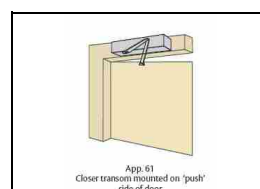
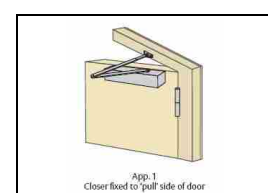
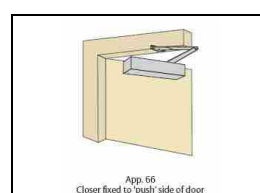
Specification:

- Aluminium body, steel armset
- Independent door speed and latch controls
- Adjustable backcheck (N8824BC)
- Non-handed for maximum flexibility
- Concealed fixings and adjustment controls
- Curve or Linear cover styles in a choice of finishes
- Adjustable, platform arm
- Easy-to-use template and pictorial fitting instructions
- Also available as hold-open
- Also available with slide arm (anodised) - N8824SR
 - Power size 1-3
 - Max door mass: 60kg
 - Door width: 750-950mm
- The N8824 and N8824BC are universal and can be fitted as App. 1, App. 66 or App. 61
- All covers have matching arms

Finish:

- SIL - Silver finish
- SS - Satin Stainless Steel (SS304)

	Apps 1 & 61	App 66
Max door width	1100mm	1100mm
Max door mass	80kg	60kg
Max opening angle	135°	160°



Standards:

- Certificate Number: 1121-CPD-AD0052 (CE mark not valid if door width/mass exceeds values shown)
- 3rd party tested to BS EN 1154

3	8	4/2	1*	1	3
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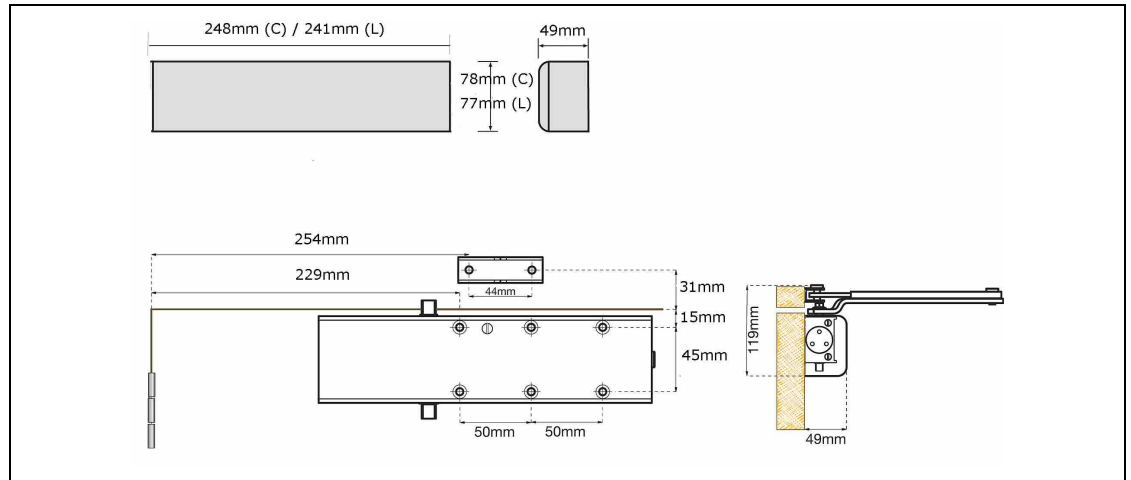
 - * Included in fire tests to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD120
- Certifire Certificate Number: CF410



Medium Duty



Technical Design:



Door Closers

N8834

Medium Duty CE Marked



ASSA ABLOY

Application:

- Suitable for fire resistant doors and other internal doors
- Sizes EN 3 - 4, template selectable

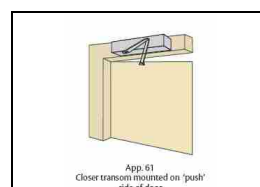
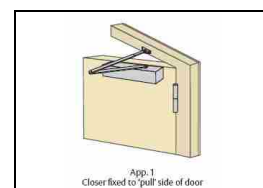
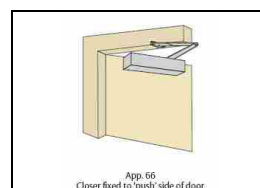
Specification:

- Independent, fully adjustable hydraulic door speed and latch controls
- Non-handed
- Concealed adjustment controls
- Adjustable flatform arm
- Easy-to-use template and pictorial fitting instructions
- Signature style nylon cover

Finish:

- SIL - Silver
- GLD - Gold

	Apps 1 & 61	App 66
Max door width	1100mm	950mm
Max door mass	80kg	60kg
Max opening angle	180°	130°



Standards:

- Certificate Number: 1162-CPD-0132 (CE mark not valid if door width/mass exceeds values shown)
- 3rd party tested to BS EN 1154
4 8 3/4 1* 1 3
- *Included in fire tests to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD120
- Certifire Certificate Number: CF391



Door Closers

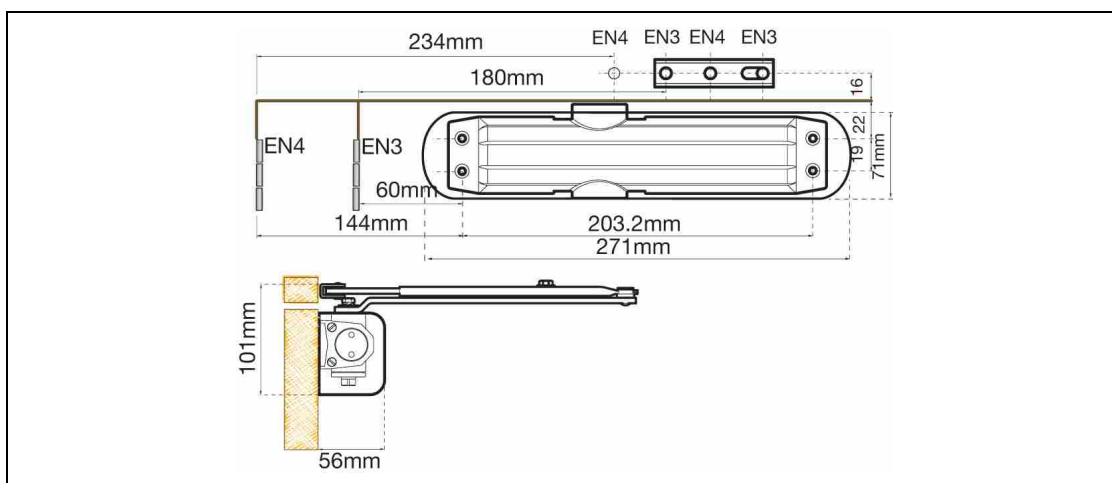
N8834

Medium Duty CE Marked



ASSA ABLOY

Technical Design:



Door Closers

Retro3 & Retro4

The ideal retro-fit solution



ASSA ABLOY

Application:

- Uses the same fixing dimensions and footprint as the most popular UK door closer designs
- Blends with any application where other traditional door closers have been used or are currently fixed to adjacent doors
- Fixed size EN3 or fixed size EN4
- Retro3 provides EN1154 size 3 when fitted as App. 1 or App. 66

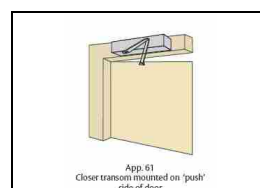
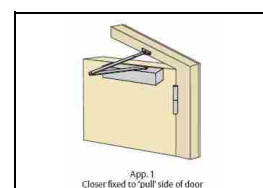
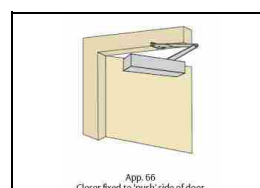
Specification:

- Square steel cover
- Independent, fully adjustable door speed and latch controls
- Non-handed
- Concealed adjustment controls
- Adjustable flatform arm
- Easy-to-use template and pictorial fitting instructions

Finish:

- SE - Silver Enamel

	Retro3	Retro4	
	Apps 1, 61 & 66	Apps 1 & 61	App 66
Size	3	4	3
Max door width	950mm	1100mm	950mm
Max door mass	60kg	80kg	60kg
Max opening angle	180°	180°	180°



Standards:

- Certificate Number: 1162-CPD-0223 (CE mark not valid if door width/mass exceeds values shown)
- 3rd party tested to BS EN 1154
- RETRO3
4 8 3 1* 1 3
- RETRO4
4 8 4 1* 1 3
- * Included in fire tests to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD120
- Certifire Certificate Number: CF464



Door Closers

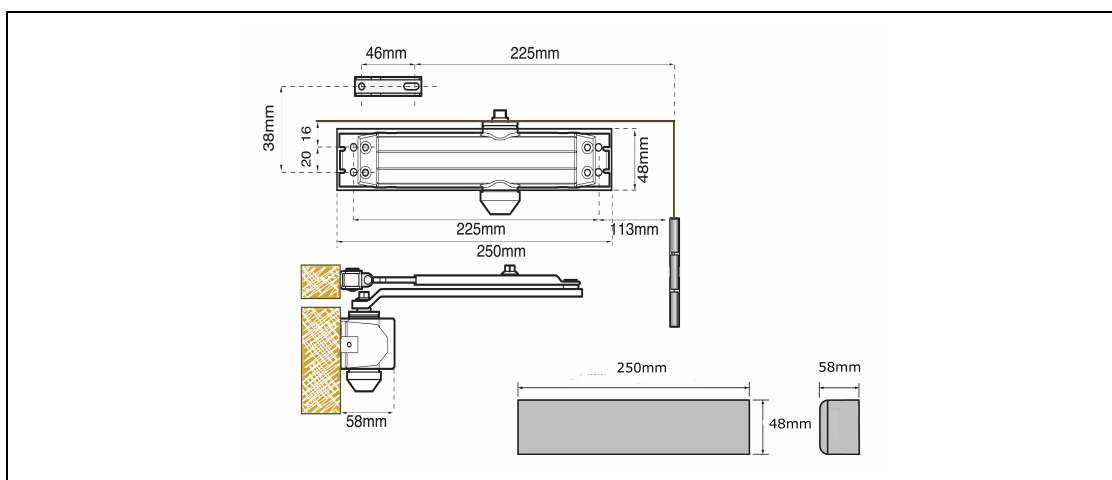
Retro3 & Retro4

The ideal retro-fit solution



ASSA ABLOY

Technical Design:



Door Closers

89624

Cam Action Concealed Door Closer



ASSA ABLOY

Application:

- Suitable for residential and medium duty commercial applications

Specification:

- Cam action closer installed in top rail of door
- Sliding track arm
- Extruded anodised aluminium body; forged steel arm
- Heat treated steel rack & pinion immersed in high grade oil, operating a nest of coils to give a smooth, precise action and minimum wear
- Heat treated piston and spindle for high strength
- Extra tensile strength alloy steel springs
- Fully concealed mounting permits door opening to 120°
- Power adjustable size 2-4
- Non-handed installation
- Adjustable closing speed 120° - 10°
- Adjustable latching action 10° - 0°
- Thermo-constant value
- Built-in pressure relief value protects against abuse usage
- Stable hydraulic fluid - low sensitivity to temperature fluctuation
- Needle bearings to reach optimal performance and efficiency
- Minimum door thickness: 40mm
- Maximum door width: 1000mm
- Maximum door weight: 80 kg

Finish:

- SIL - Silver finish



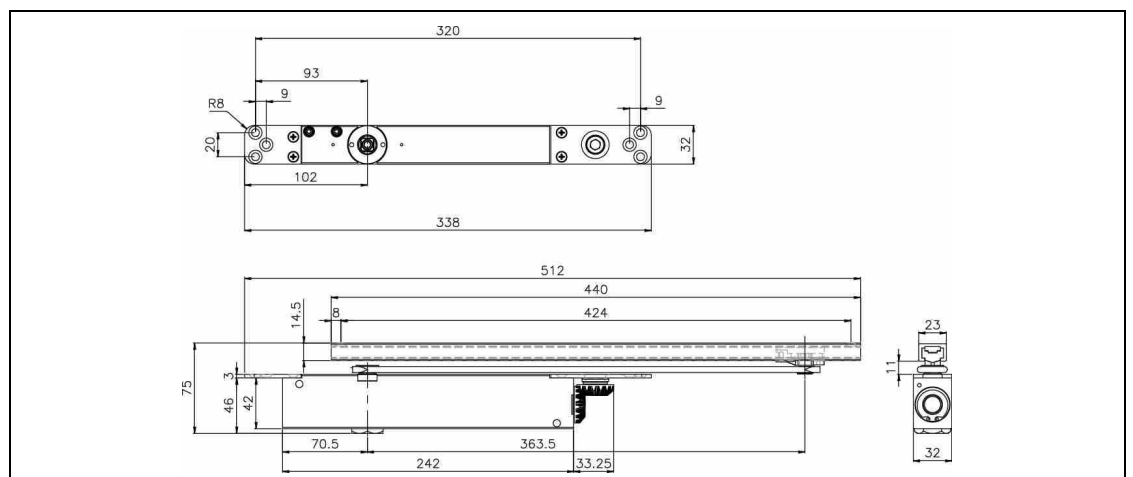
Standards:

- Tested to BS EN 1634-1
- Suitable for fire doors - FD60 timber / FD240 metal
- 3rd party tested to BS EN 1154

3	8	4/3	1	1	3
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Technical Design:



Door Closers

CE3F

Fixed Size 3 Rack & Pinion Door Closer



ASSA ABLOY

Application:

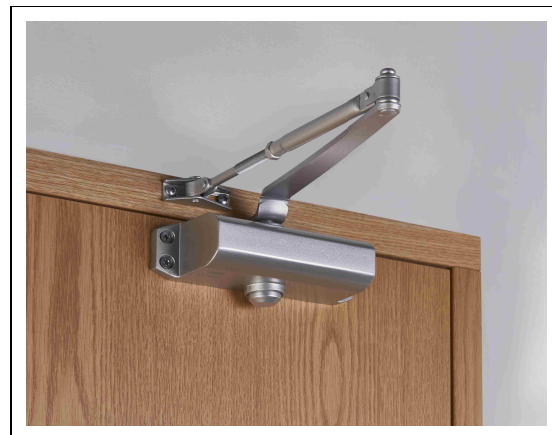
- Easy to install:
 - Quick and easy fitting process with specific template for each mounting position to prevent mistakes
 - Non-handed design
- Easy to adjust - adjustable arm allows the CE3F to be easily installed and adjusted in multiple applications
- Easy to set up - side mounted door speed and latch controls for convenient access, allowing easy and accurate set up of the door opening and closing

Specification:

- Fixed size 3 rack & pinion door closer
- Maximum leaf width: 950mm EN size 3
- Maximum leaf weight: 60kg
- 130° maximum opening angle (controlled closing)
- Adjustable closing speed from 130° open to 15° open
- Adjustable latch action for final 15°
- Adjustable arm set for regular, transom and parallel arm installation
- Parallel arm mounting bracket supplied separately

Finish:

- SIL - Silver finish
- GLD - Gold finish

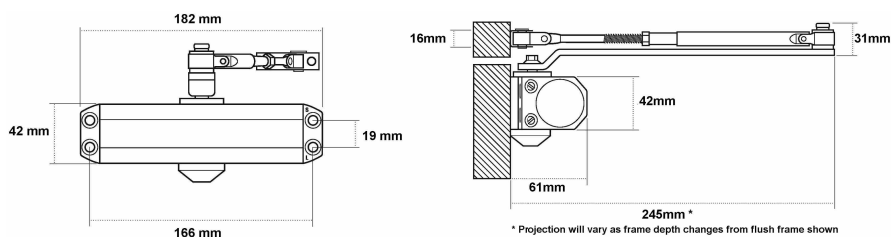


Standards:

- Certificate Number: 1121-CPR-AD5312
 - 3rd party tested to BS EN 1154
- | | | | | | |
|---|---|---|---|---|---|
| 3 | 8 | 3 | 1 | 1 | 3 |
|---|---|---|---|---|---|
- Certifire approved - CF 5495
 - Fire rated for timber fire doors FD120
 - Fire rated for metal fire doors FD240



Technical Design:



Electro Magnetic Door Closers

N8899

Hold Open and Swing Free



ASSA ABLOY

Application:

- Optimum solution for fire doors on accessible and circulation routes in hospitals, commercial and public buildings
- Electro magnetic functions interface with the fire alarm system. Upon activation of the system the doors resume their self-closing function

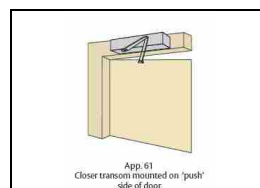
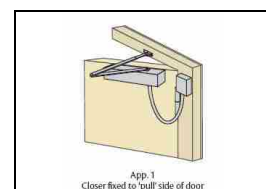
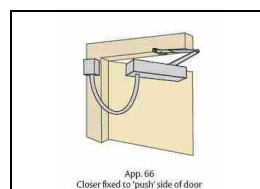
Specification:

- Regular arm and parallel arm in one unit
- Hold open and swing free in one unit
- Requires 24V DC power supply
- EN size 4 in standard installation and EN size 3 in parallel arm installation
- Aluminium body, steel armset
- Independent door speed and latch controls
- Non-handed for maximum flexibility
- Concealed fixings and adjustment controls
- Curve style cover in a choice of finishes
- Adjustable flatform arm
- The N8899 is universal and can be fitted as App. 1, App. 66 or App. 61
- Easy to use template and pictorial fitting instructions
- All covers have matching arms, junction box, arm and loop

Finish:

- SIL - Silver finish
- SSF - Satin Stainless Steel finish
- PSF - Polished Stainless Steel finish
- PBF - Polished Brass finish

	Apps 1 & 61	App 66
Max door width	1100mm	950mm
Max door mass	80kg	60kg
Hold open angle	Any selected angle between 75° - 180°	



Standards:

- Certificate Number: 1162-CPD-0132 (CE mark not valid if door width/mass exceeds values shown)
- 3rd party tested to BS EN 1155
- Achieves the following classifications in Apps. 1 & 61

3	8	4	1*	1	3
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- Achieves the following classification in App. 66

3	8	3	1*	1	3
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- *Included in fire tests to BS EN 1634-1 with assessment for use on timber fire doors with intumescent protection up to FD120
- Certifire Certificate Number: CF498



Electro Magnetic Door Closers

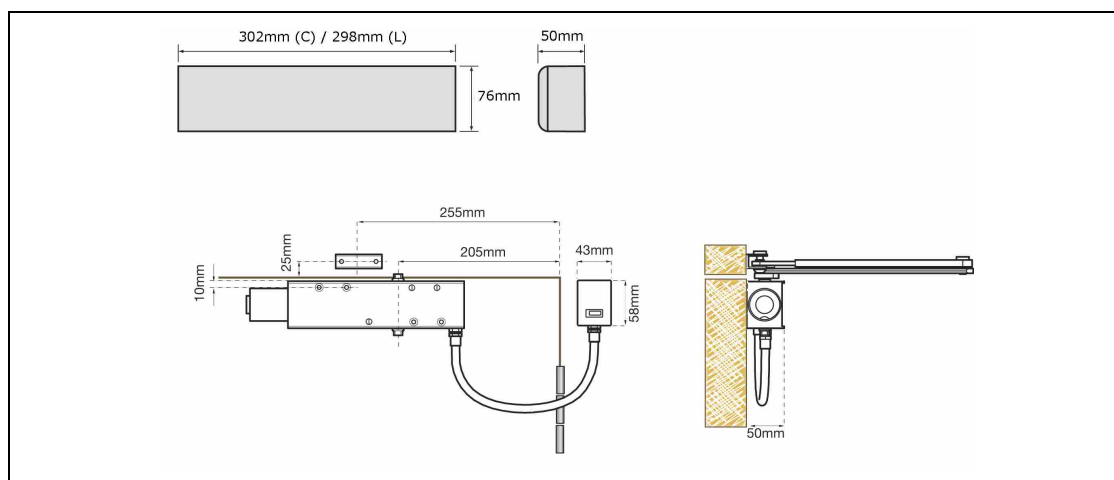
N8899

Hold Open and Swing Free



ASSA ABLOY

Technical Design:



Floor Springs

FSDA180

Double Action Floor Spring



ASSA ABLOY

Application:

- Mounted within the floor
- For both timber and metal doors, and aluminium and toughened glass door applications
- Double Action (opening in both directions)

Specification:

- Cast iron body
- Fully reversible for both left or right handed doors
- Adjustable closing speed:
 - 130° ~ 20°
- Adjustable latching speed
- Integral delayed action
- Integral mechanical Back-Check:
 - 85° ~ 105°
- Optional Hold-Open:
 - 90° or 105° (please state when ordering)
- Maximum door weight: 180kg
- Maximum door width: 1300mm

Finish:

- SS - Satin Stainless Steel

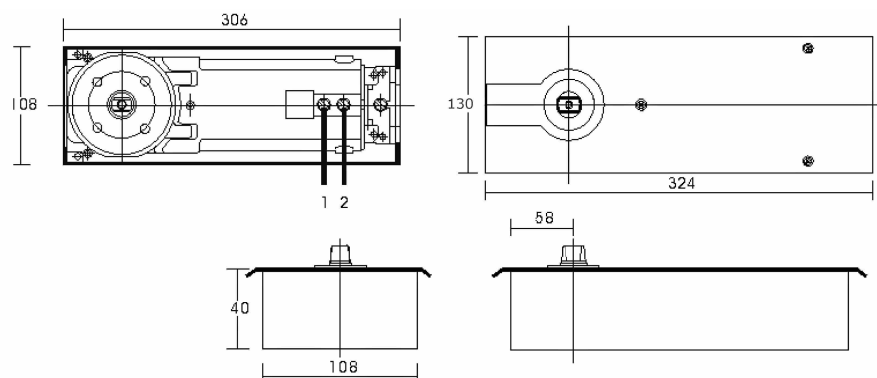


Standards:

- UL - R26838



Technical Design:



Floor Springs

FS75B

Double Action Floor Spring



ASSA ABLOY

Application:

- Mounted within the floor
- For both timber and metal doors, and glass doors with or without frame
- Double Action (opening in both directions)

Specification:

- Cast aluminium alloy body
- Adjustable power size 1-4
- Adjustable loose box suitable for concrete floors
- Fully reversible for both left or right handed doors
- Dual valves adjust closing and latching speeds
- Interchangeable pivot meets the needs of different countries
- Maximum opening angle of 180°
- Hold open angle of 90°

Finish:

- SS - Satin Stainless Steel

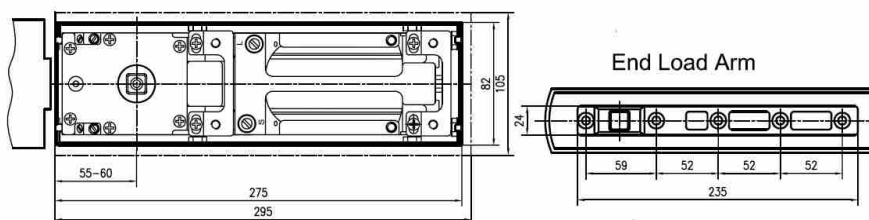
Power	Max door width	Door weight
1	750mm	15-25kg
2	850mm	25-45kg
3	950mm	40-65kg
4	1100mm	60-85kg



Standards:



Technical Design:



Floor Springs

PCS3

Patch Closer



ASSA ABLOY

Application:

- Suitable for single & double action door
- Light & medium duty glass door patch fitting

Specification:

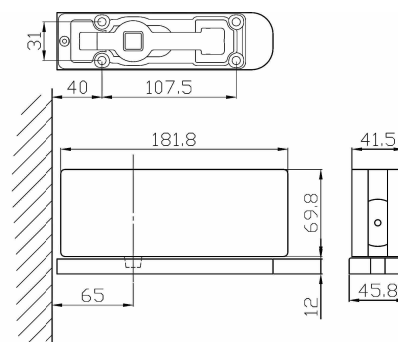
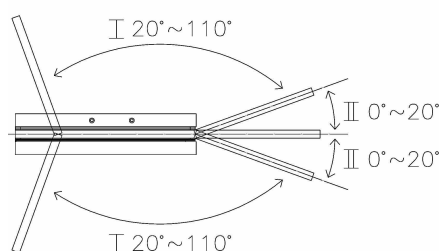
- Fixed power size 3
- Adjustable closing & latching speed
- Two non-critical control valves provide dual speed hydraulic closing
- **Maximum door opening angle: 180°**
- Maximum door control opening angle: 110°
- Maximum door width: 1000mm
- Maximum door weight: 60kg
- Available glass thickness: 8 - 13.5mm
- Optional upon request: Mechanical hold-open 90°

Finish:

- Plated - silver



Technical Design:



Accessories

8817

Door Co-ordinator



ASSA ABLOY

Application:

- For double leaf swing doors fitted with door closers where it is necessary to ensure the correct sequence of closing each leaf - eg. doors with rebated meeting stiles
- Suitable for use with either timber or metal doors

Specification:

- Size:
 - 280mm - Standard
 - 250mm - Optional
- Material: Stainless Steel
- Available in SIL and GLD finishes

Finish:

- SIL - Silver
- GLD - Gold



Standards:



Exit Hardware



UNION offers comprehensive ranges of exit hardware with designs and features which are ideal for specification, commercial and industrial use. The ranges include variants for outward opening or double doors and a choice of outside access devices.

880 Series

- Pullman latches relocate quietly, smoothly and securely
- Anti-thrust latch
- Optional dogging device (not permitted on fire doors) according to Exit Hardware range selected
- Versatile - up to 5 locking points
- Lever operated outside access device

Eximo Series

- Modern technical solutions in a traditional design. Operated by push bar
- CE marked to BS EN 1125 or BS EN 179
- Automatic top trip device
- Rods and bars can be cut to size on site
- Outside access device available with either lever or knob furniture
- Mortice Operator variants available

900 Series

- Contemporary Italian styling combined with the technology and convenience of Pullman latches. Operated by touch bar or push bar. CE marked to BS EN 1125
- Versatile - up to 5 locking points
- Lever operated outside access device

General Features & Terminology

- **Universal Handing** - All UNION exit hardware is suitable for left or right hand doors (opening outward only)
- **Outside Access Device** - Mechanism for operating an exit device from the outside
- **Dogging** - A device found on exit hardware. If an exit door permits unrestricted traffic flow, a dogging device is a means of holding back the latch bolts when required

Finishes




UNION Exit Hardware is available in a variety of different finishes. See individual product pages for details



Two standards demonstrate compliance with European safety legislation:




Panic Exit Devices to BS EN 1125

For doors in buildings accessed by the public, where panic situations are foreseen and occupants have no prior knowledge of the device. Panic devices operated by a horizontal bar should be fitted.

	Panic Latch - Single point locking for single doors
	Panic Bolt - 2/3 point locking for single doors or a pair of non-rebated doors
	Double Rebated Panic Set - Three point locking for double rebated doors

Emergency Exit Devices to BS EN 179

For use in emergency situations where trained personnel are familiar with the emergency exit and its hardware and therefore a panic situation is unlikely to develop. Emergency devices operated by a lever handle or push pad may be used.

	Emergency Push Pad Latch - Single point latch device for single doors
	Emergency Push Pad Bolt - Two point bolt device for single doors
	Escape Mortice Locks - Emergency escape device for single doors

NOTE: If there is any doubt about conditions relating to building use and occupancy, devices that conform to BS EN 1125 should be used.

ExiSAFE Panic Exit Devices

CE851PB

ExiSAFE CE851 PB Panic Bolt



ASSA ABLOY

Application:

A push bar surface mounted panic bolt device for use on single doors or as a part of a double door solution.

Ideal for final exit escape doors used by general public Install to push face of outward opening doors Non-handed for maximum flexibility Compatible with knob and lever CE855OAD outside access devices

Specification:

- Proud to be "Made in Britain"
- CE Marked to EN 1125
- Certifire approved
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240) up to 1200mm x 2440mm tall
- Top and bottom shoot bolt rods can be cut to size on site to fit each door
- Push bar can be cut to size on site to fit each door
- Automatic top trip releases bolts only as door closes into frame, preventing damage to frame and flooring
- Anti-thrust features in main mechanism prevents top and bottom shoot bolts being pushed out of keeps to force the door open
- Easy clean floor socket provided as standard
- Alternative keeps and range of spares available
- Complete with "Push bar to open" signage
- Rod guides prevents shootbolt rods from warping and protects against vandalism
- Install screws concealed by UNION branded label and push bar
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- Slim line design projects less than 100mm from door face
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



Standards:

CE Marked to BS EN 1125

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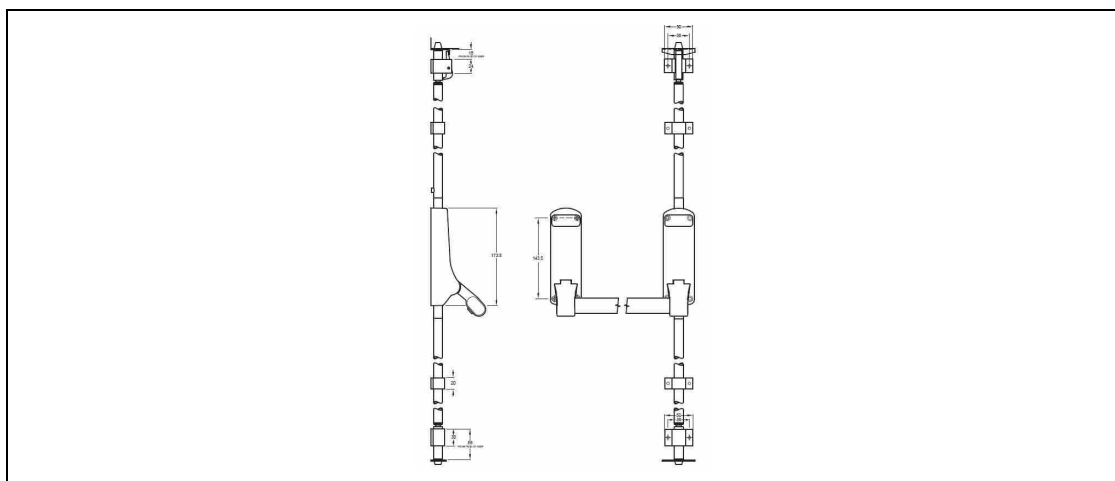
ExiSAFE Panic Exit Devices

CE851PB

ExiSAFE CE851 PB Panic Bolt



ASSA ABLOY



ExiSAFE Panic Exit Devices

CE852DD

ExiSAFE Panic Set For Non-Rebated Double Doors



ASSA ABLOY

Application:

A push bar surface mounted panic set for use on non-rebated double doors, comprising of 2 panic bolts.

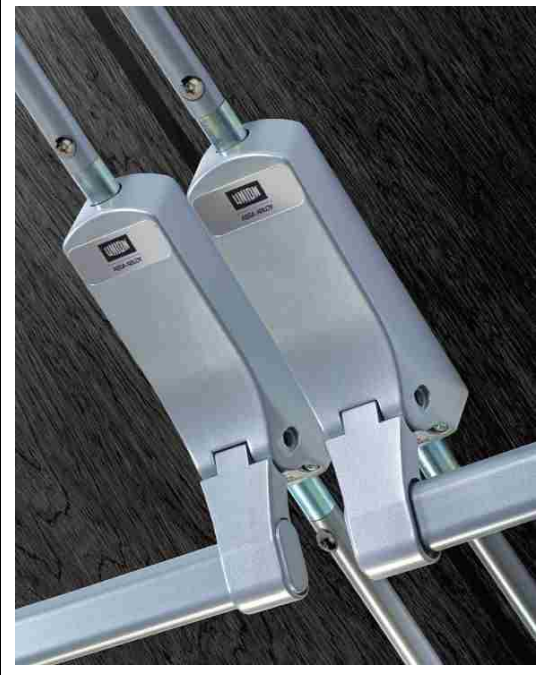
- Ideal for final exit escape doors used by general public
- Install to push face of outward opening doors
- Non-handed for maximum flexibility
- Compatible with knob and lever CE8550AD outside access devices
- Each leaf can open independently of the other

Specification:

- Proud to be "Made in Britain"
- CE Marked to EN 1125
- Certifire approved
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240) up to 1200mm x 2440mm tall
- Top and bottom shoot bolt rods can be cut to size on site to fit each door
- Push bars can be cut to size on site to fit each door leaf
- Automatic top trip releases bolts only as door closes into frame, preventing damage to frame and flooring
- Anti-thrust features in main mechanism prevents top and bottom shoot bolts being pushed out of keeps to force the door open
- Easy clean floor socket provided as standard
- Alternative keeps and range of spares available
- Complete with "Push bar to open" signage
- Rod guides prevents shoot bolt rods from warping and protects against vandalism
- Install screws concealed by UNION branded labels and push bars
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- Slim line design projects less than 100mm from door face
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



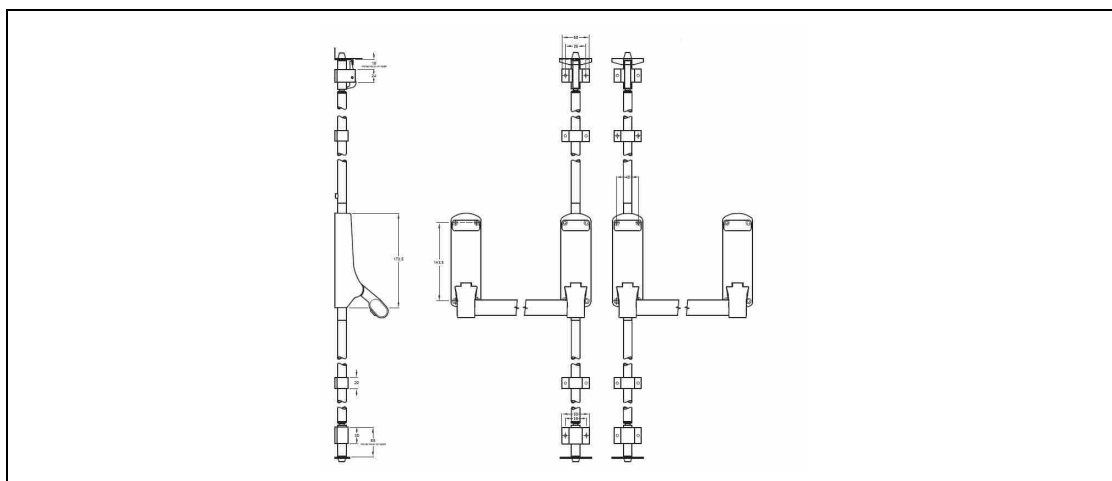
Standards:

CE Marked to BS EN 1125

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ExiSAFE Panic Set For Non-Rebated Double Doors



ExiSAFE Panic Exit Devices

CE853PL

ExiSAFE CE853PL Panic Latch



ASSA ABLOY

Application:

A push bar surface mounted panic latch device for use on single doors or as a part of a double door solution.

- Ideal for final exit escape doors used by general public
- Install to push face of outward opening doors
- Non-handed for maximum flexibility
- Compatible with knob and lever CE855OAD outside access devices

Specification:

- Proud to be "Made in Britain"
- CE Marked to EN 1125
- Certifire approved
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240) up to 1200mm x 2440mm tall
- Push bar can be cut to size on site to fit each door
- Latch bolt can easily be reversed on site
- Alternative keeps and range of spares available
- Complete with "Push bar to open" signage
- Install screws concealed by UNION branded label and push bar
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- Slim line design projects less than 100mm from door face
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



Standards:

CE Marked to BS EN 1125

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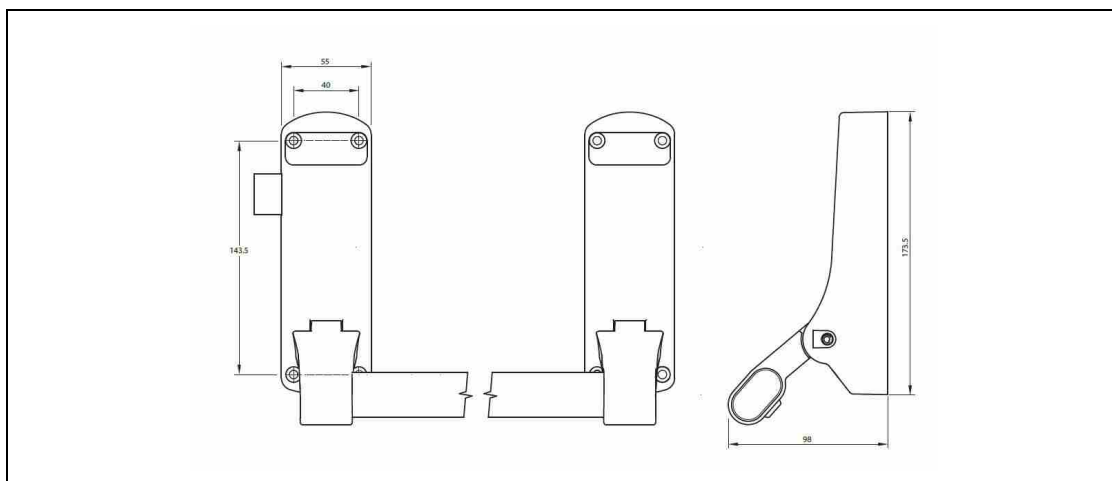
ExiSAFE Panic Exit Devices

CE853PL

ExiSAFE CE853PL Panic Latch



ASSA ABLOY



ExiSAFE Emergency Devices

CE854EL

ExiSAFE CE854EL Emergency Latch



ASSA ABLOY

Application:

A push pad surface mounted emergency latch device for use on single doors or as a part of a double door solution.

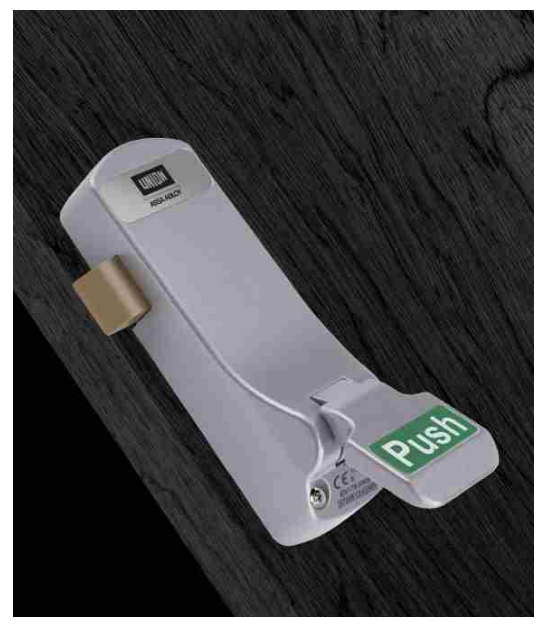
- Ideal for final exit escape doors where all users are familiar with building and hardware
- Install to push face of outward opening doors
- Non-handed for maximum flexibility
- Compatible with knob and lever CE855OAD outside access devices

Specification:

- Proud to be "Made in Britain"
- CE Marked to EN 179
- Certifire approved
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240) up to 1200mm x 2440mm tall
- Compact push pad is discrete – a tidier option for where users are familiar with the building
- Latch bolt can easily be reversed on site
- Alternative keeps and range of spares available
- Complete with "Push" signage
- Install screws concealed by UNION branded label and push pad
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- Slim line design projects less than 100mm from door face
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



Standards:

CE Marked to BS EN 179

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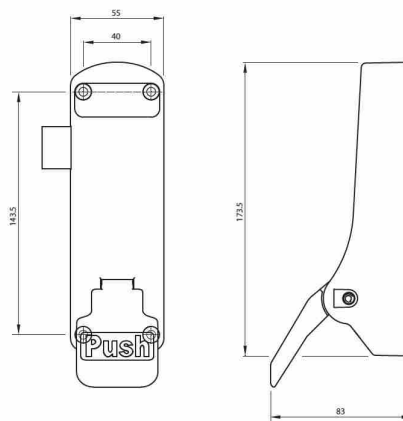
ExiSAFE Emergency Devices

CE854EL

ExiSAFE CE854EL Emergency Latch



ASSA ABLOY



ExiSAFE Outside Access Devices

CE855OADK

ExiSAFE Outside Access Device - Knob



ASSA ABLOY

Application:

A knob surface mounted outside access device for use with any ExiSAFE panic or emergency device.

- Means final exit escape doors can be used as access doors – without removing ability to escape
- Install to pull face of outward opening doors
- Non-handed for maximum flexibility
- Compatible with all ExiSAFE panic and emergency devices

Specification:

- Proud to be “Made in Britain”
- Included in EN 1125 and EN 179 testing of ExiSAFE products
- Part of ExiSAFE Certifire approvals
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240)
- Knob is less obtrusive on door face – less chance of clothes /straps snagging
- When unlocked, turning the knob retracts the latch or shoot bolts in the ExiSAFE unit fitted to inside face
- Knob free spins as it disengages from the panic or emergency device when OAD is locked
- Supplied with cylinder so door can be instantly secured OR supplied without cylinder to facilitate masterkey needs
- Uses a 40mm single cylinder which is drilled and tapped on back face
- Suitable for doors up to 45mm thick as standard – accessories for thicker doors are available separately
- Bolt through screws concealed by panic or emergency unit on internal door face
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



Standards:

Included in BS EN 1125 and BS EN 179 testing of panic and emergency devices.



ExiSAFE Outside Access Devices

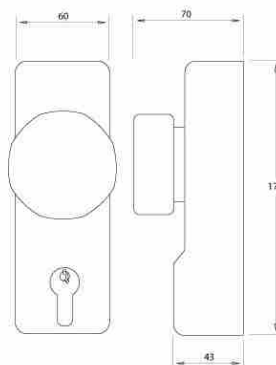
CE855OADK

ExiSAFE Outside Access Device - Knob



ASSA ABLOY

Technical
Design:



ExiSAFE Outside Access Devices

CE855OADL

ExiSAFE Outside Access Device - Lever



ASSA ABLOY

Application:

A lever handle surface mounted outside access device for use with any ExiSAFE panic or emergency device.

- Means final exit escape doors can be used as access doors – without removing ability to escape
- Install to pull face of outward opening doors
- Non-handed for maximum flexibility
- Compatible with all ExiSAFE panic and emergency devices

Specification:

- Proud to be “Made in Britain”
- Included in EN 1125 and EN 179 testing of ExiSAFE products
- Part of ExiSAFE Certifire approvals
- Can be used on timber fire doors (up to FD120) or metal fire doors up to (FD240)
- Lever handle helps with barrier free access to a building
- Unit includes a shear screw designed to snap when unit locked and excessive force is applied to prevent the door being forced open by pushing back ExiSAFE bolts/latches
- When unlocked, pushing the lever down retracts the latch or shoot bolts in the ExiSAFE unit fitted to inside face
- Supplied with cylinder so door can be instantly secured OR supplied without cylinder to facilitate masterkey needs
- Uses a standard 45mm single cylinder
- Suitable for doors up to 60mm thick as standard – accessories for thicker doors are available separately
- Bolt through screws concealed by panic or emergency unit on internal door face
- Completed 200,000 cycles in durability testing
- 96 hours corrosion resistance
- 10 year guarantee

Finish:

- Silver as standard
- Potential to supply other colours – please ask for details of range and MOQ



Standards:

Included in BS EN 1125 and BS EN 179 testing of panic and emergency devices.



ExiSAFE Outside Access Devices

CE855OADL

ExiSAFE Outside Access Device - Lever



ASSA ABLOY

Technical
Design:

