

*TwinPoint Gen2*  
**WOOD PANELS**



*Folding door lock with internal and external access*

centor®

**Download options**

Centor's brochures, technical documents and drawings can be downloaded from;

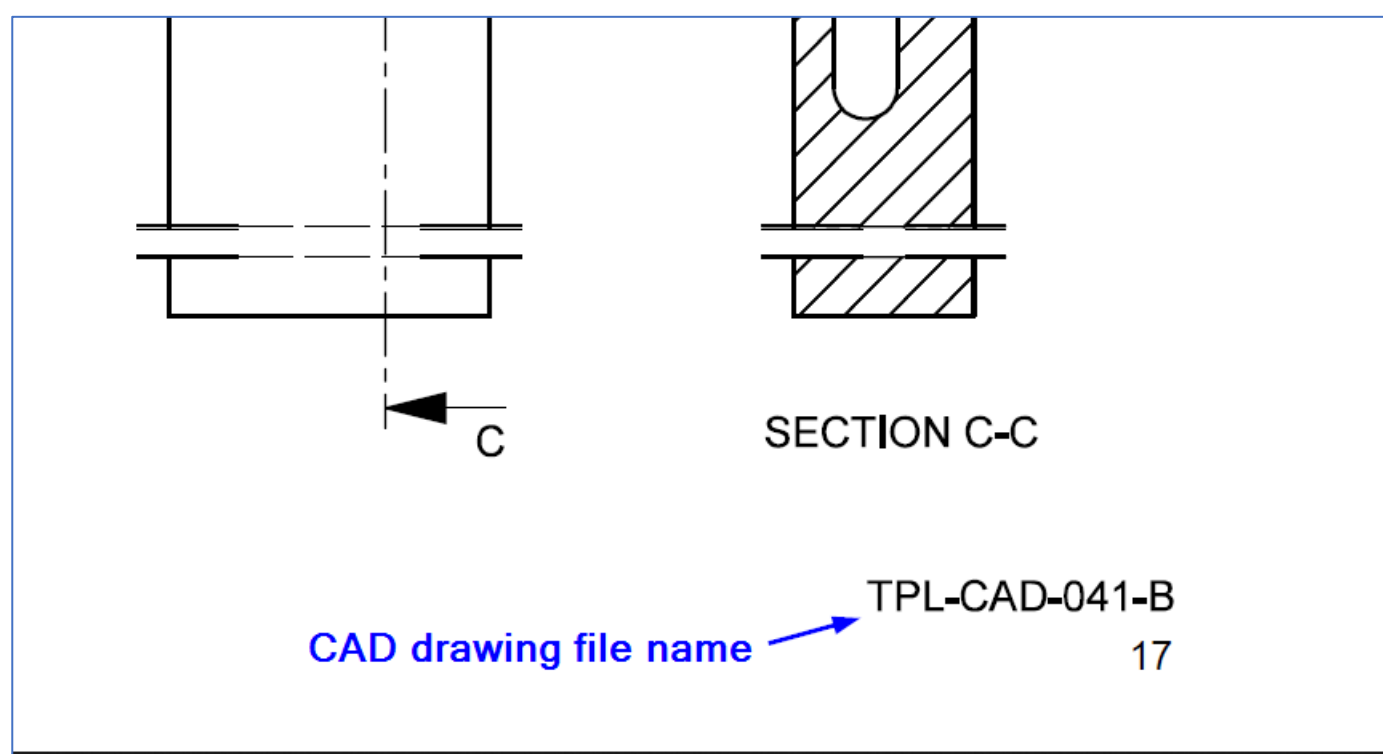
1. Bottom of the TwinPoint Gen2 website page
2. Professional section of Centor's webpage
3. This link. <https://centor.com/us/hardware-systems/accessories/centor-twinpoint-lock>

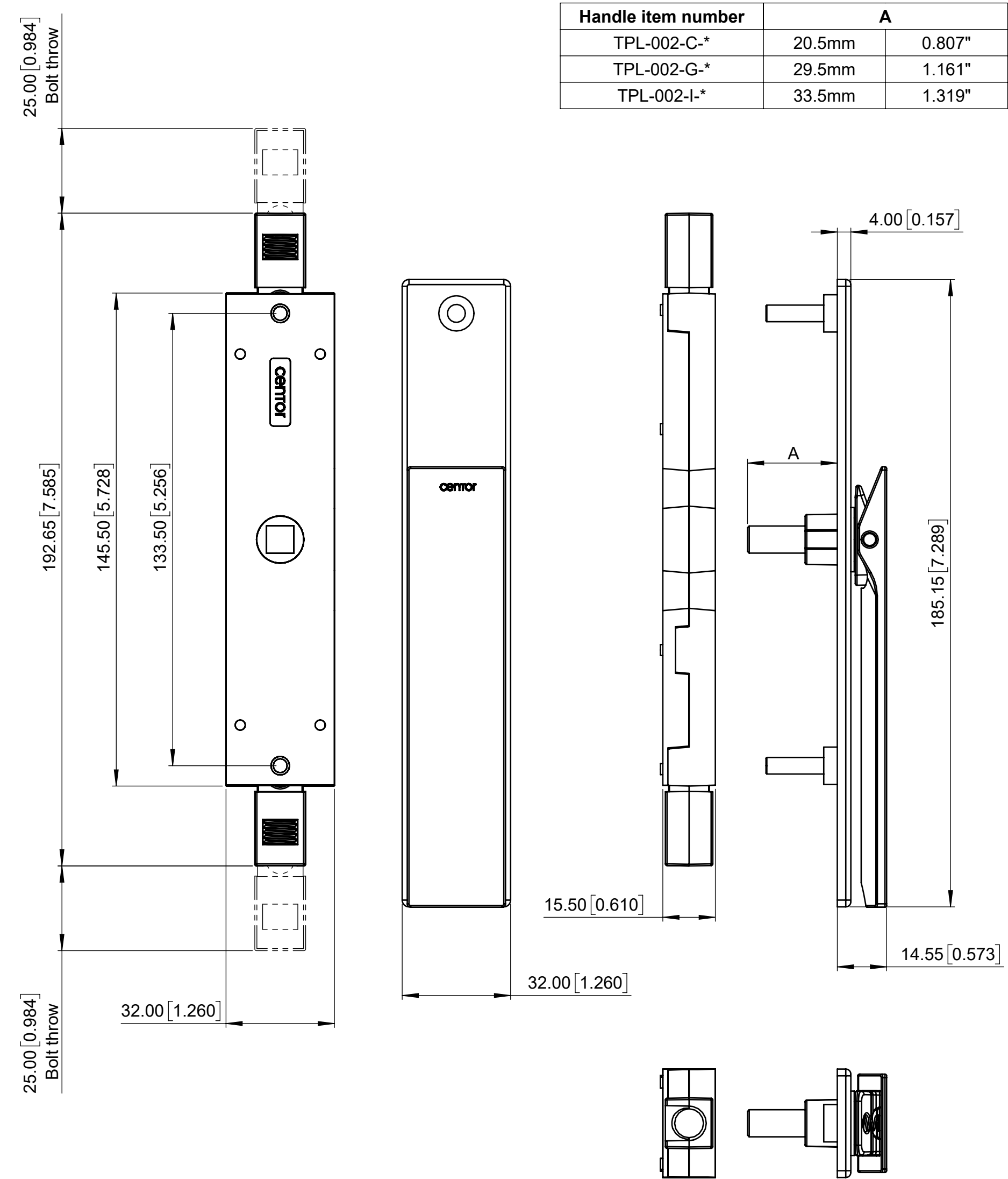
Downloads	
TwinPoint Gen2 Brochure	pdf
TwinPoint Gen2 Hollow Panels technical document	pdf
TwinPoint Gen2 Wood Panels technical document	pdf
TwinPoint Gen2 Drawings (dwg)	zip
TwinPoint Gen2 Drawings (dxf)	zip

**2D CAD drawing download**

The drawings download provides a folder that contains all the drawings.

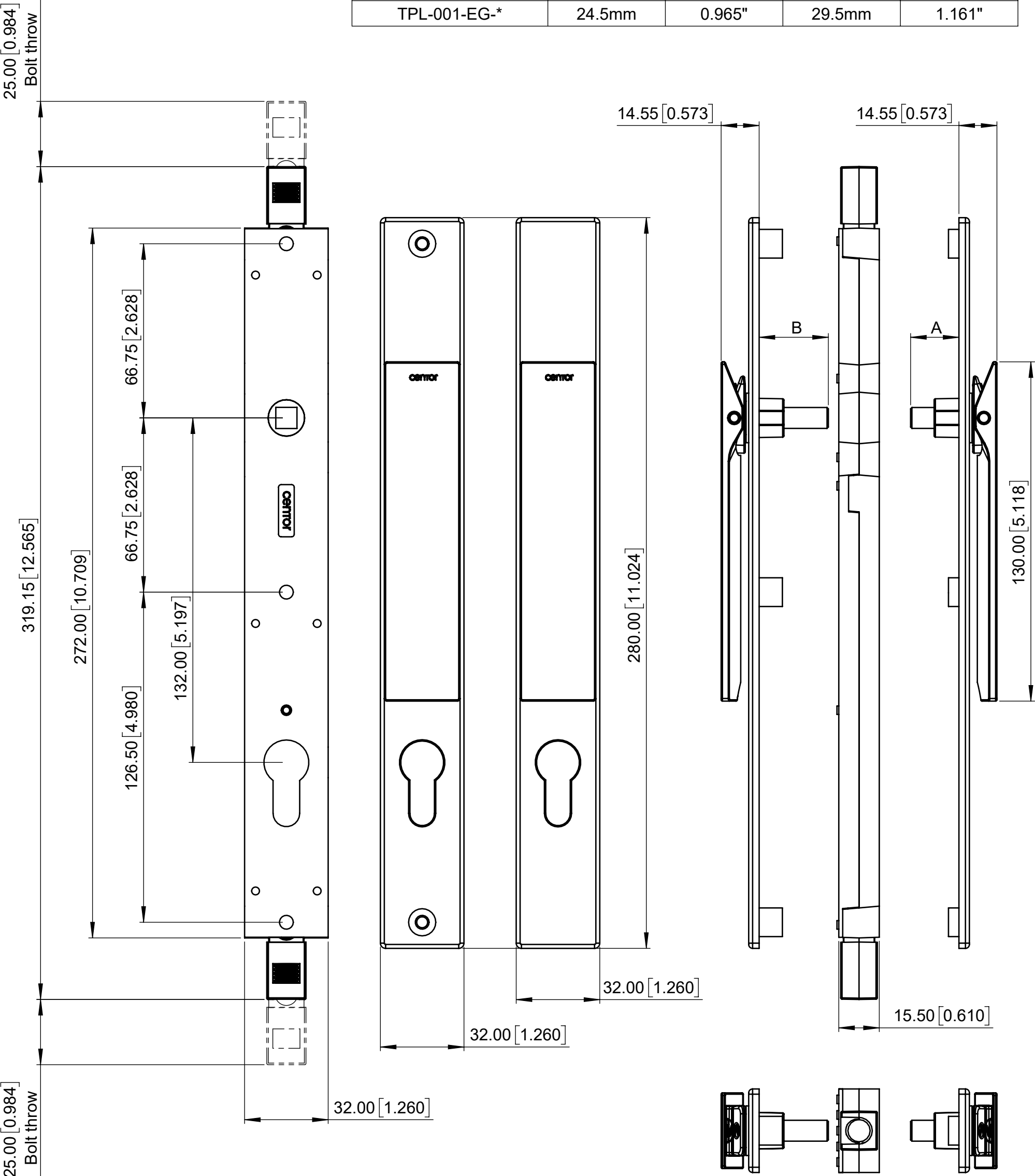
1. There are two folders. One for dwg and one for dxf.
2. Use the technical documents as an index to select the appropriate drawing. The drawing file name is printed at the bottom right corner of the page.



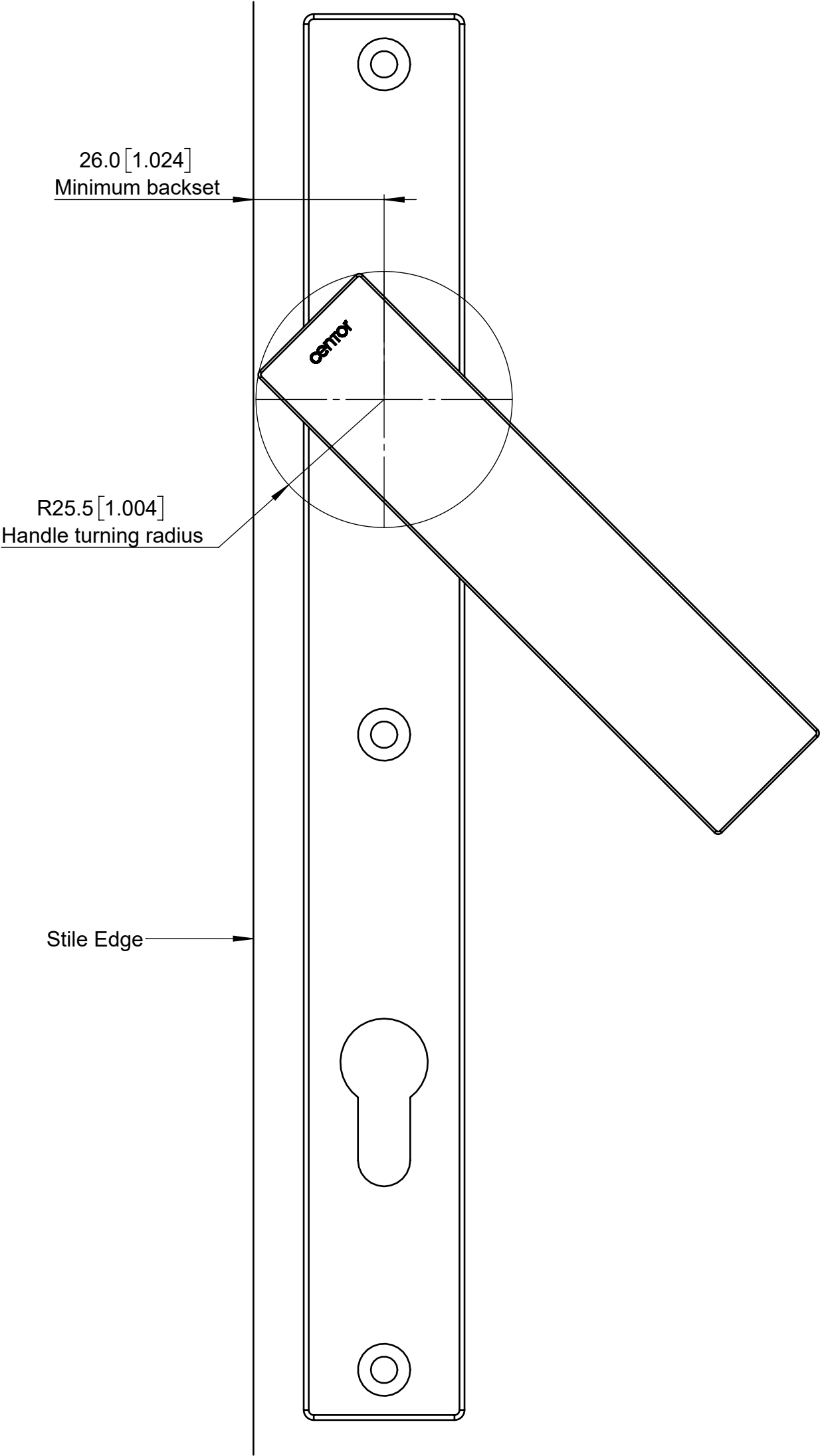


DOUBLE HANDLE KEYED

Handle item number	A (internal)		B (external)	
TPL-001-AE-*	16.5mm	0.650"	24.5mm	0.965"
TPL-001-EG-*	24.5mm	0.965"	29.5mm	1.161"



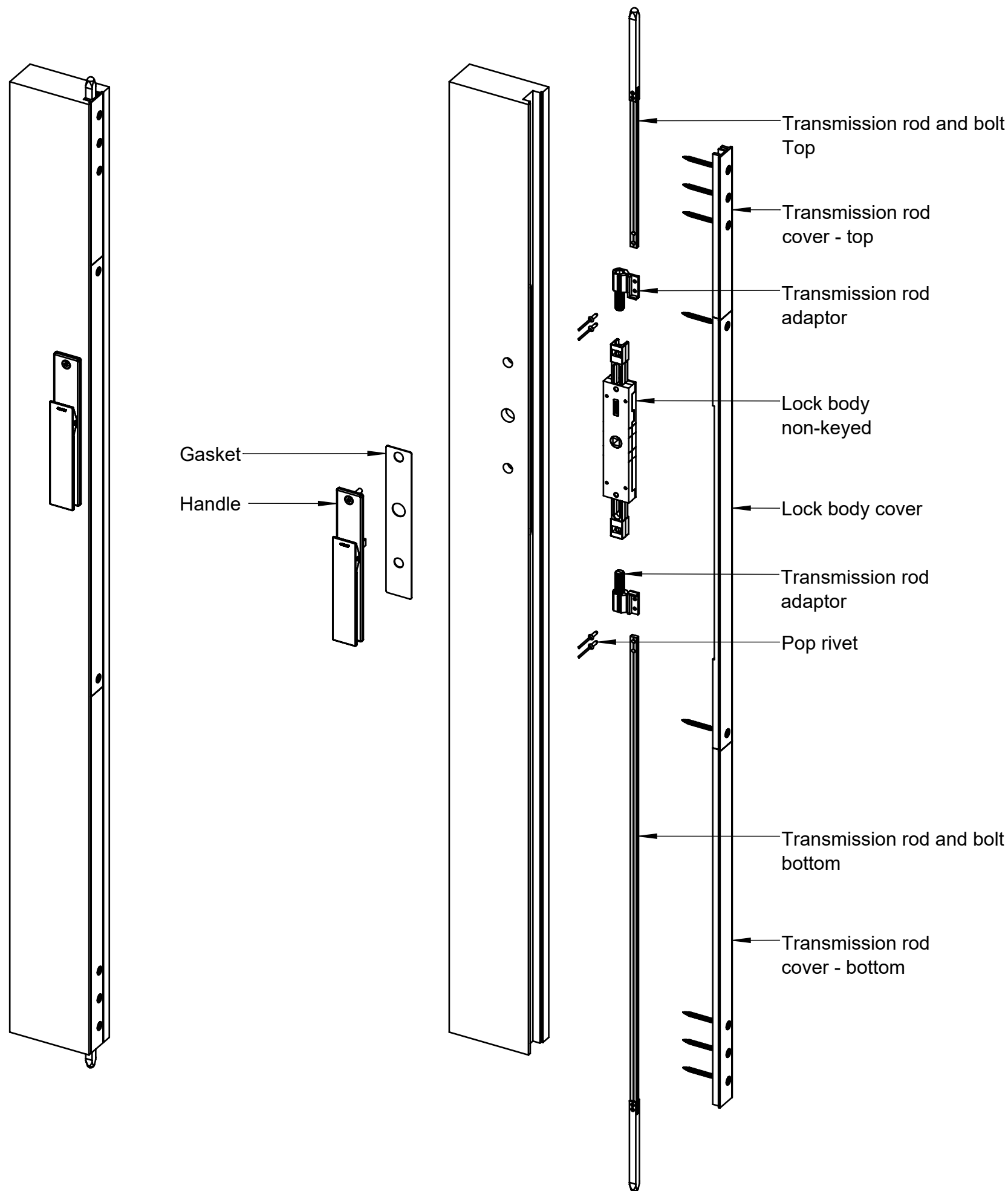




Notes:  
Keyed handle shown. Same requirements apply to non-keyed version.

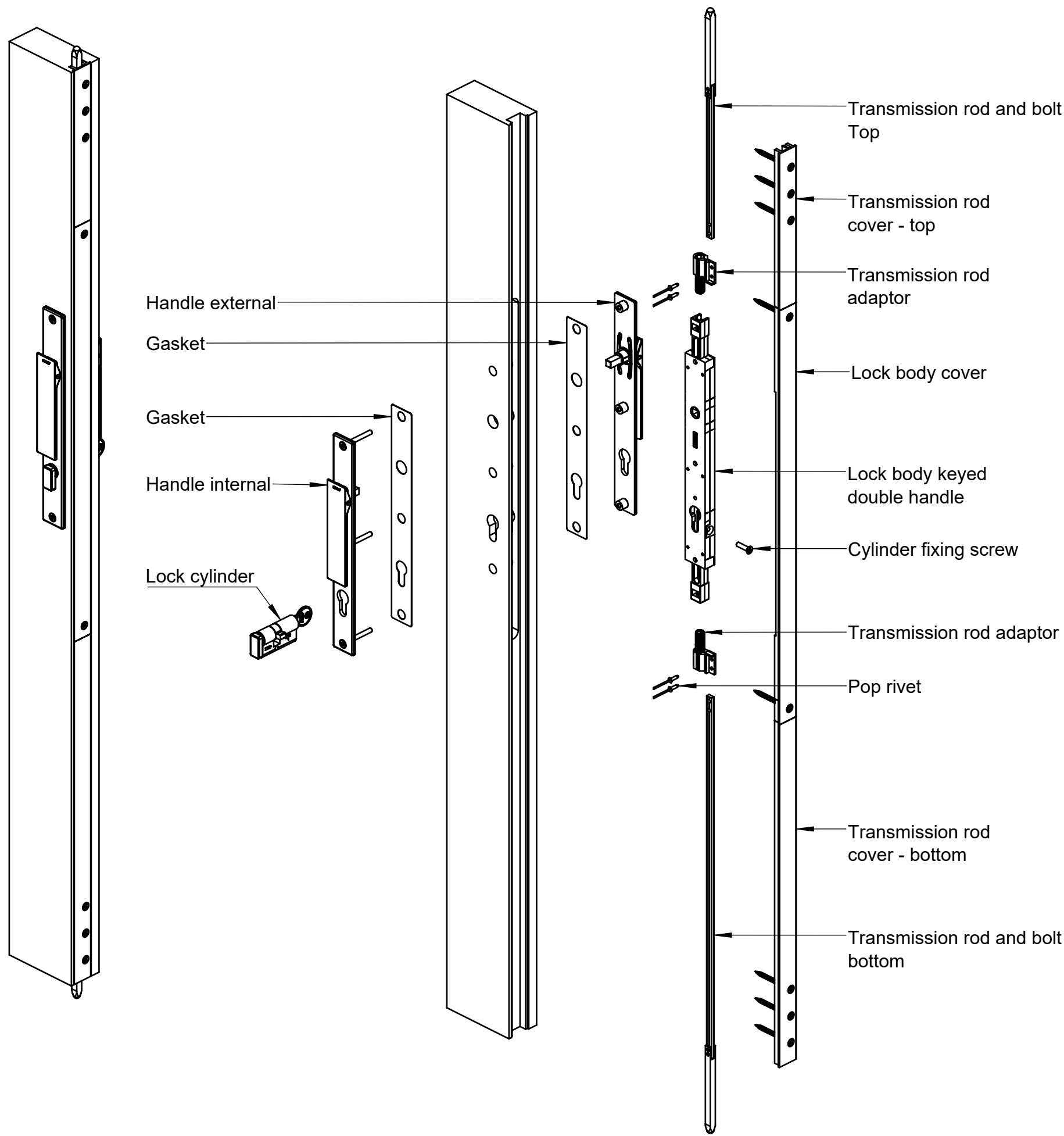
PRODUCT DETAIL

Wood Panels with TwinPoint Gen2 single handle non-keyed

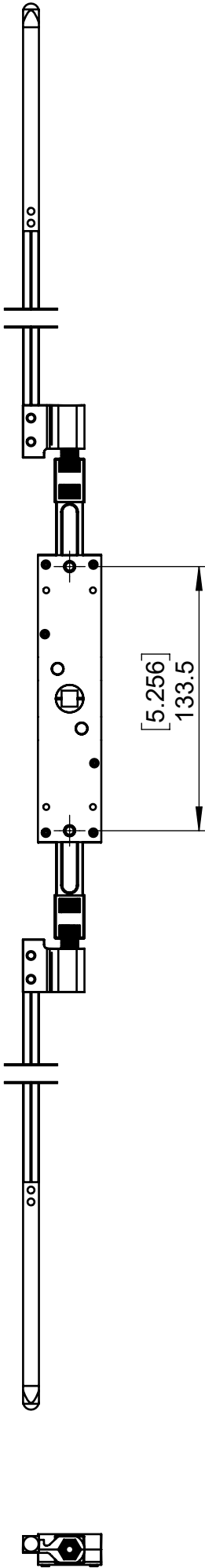


PRODUCT DETAILS

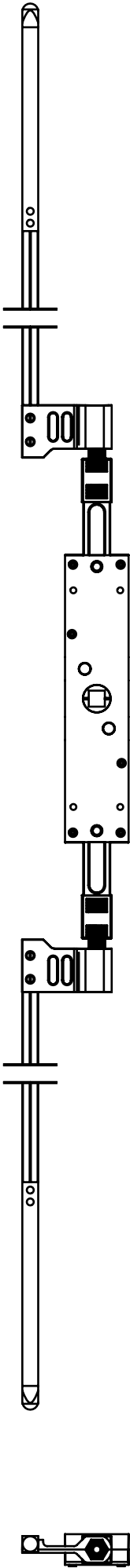
Wood panels with TwinPoint Gen2 double handle keyed



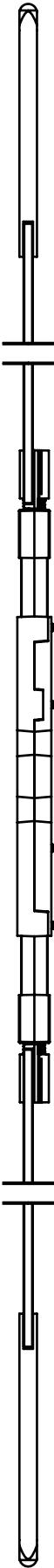
Non-keyed



Backset 26mm [1.575"]



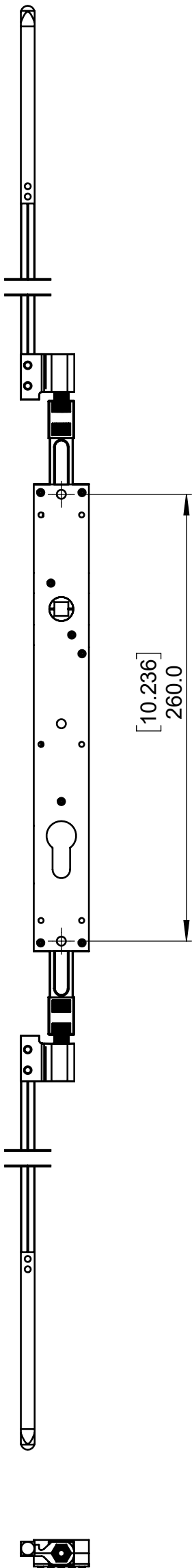
Backset 40mm [1.969"]



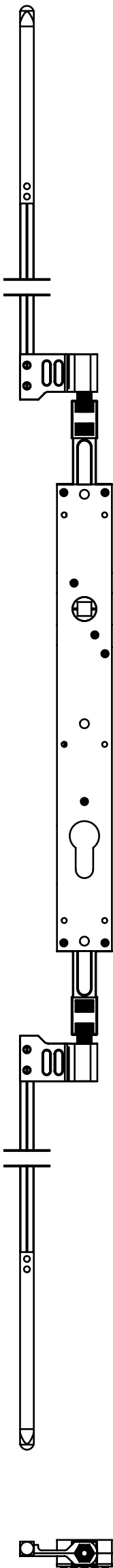
Notes:  
1. Lock shown in extended state.



Keyed



Backset 26mm [1.575"]



Backset 40mm [1.969"]



Notes:  
1. Lock shown in extended state.

TRANSMISSION COVER AND ROD LENGTH FORMULA

Non-keyed lock

Cover	Top	$TC = PH - HH - 194$
	Bottom	$BC = HH - 350$
Transmission rod with bolt attached	Top	$TR = PH - HH - 99$
	Bottom	$BR = HH - 99$
Handle height	Maximum	1029

Keyed lock

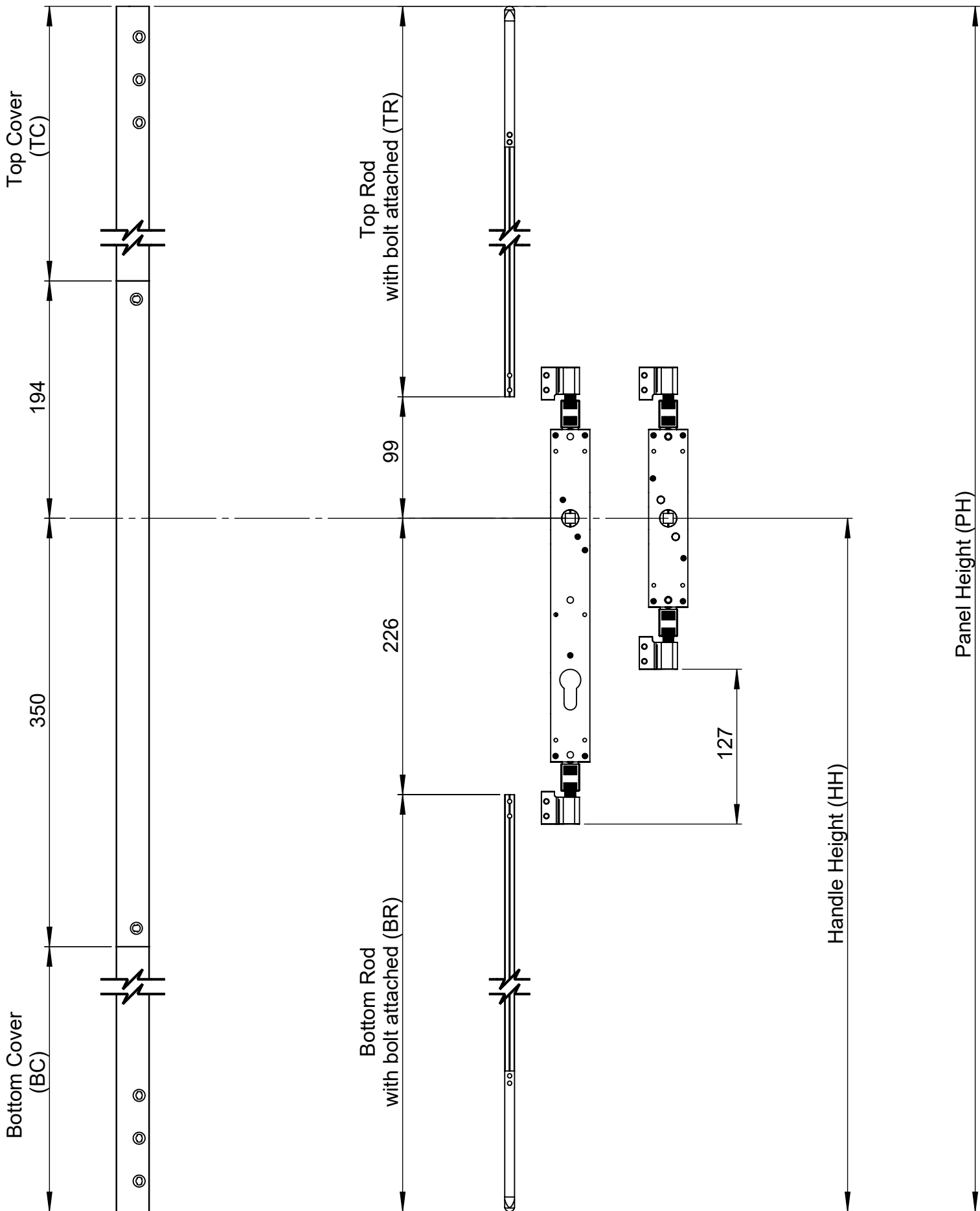
Cover	Top	$TC = PH - HH - 194$
	Bottom	$BC = HH - 350$
Transmission rod with bolt attached	Top	$TR = PH - HH - 99$
	Bottom	$BR = HH - 226$
Handle height	Maximum	1156

All locks

Minimum panel height (mm)	
With hinge	984
Without hinge	784

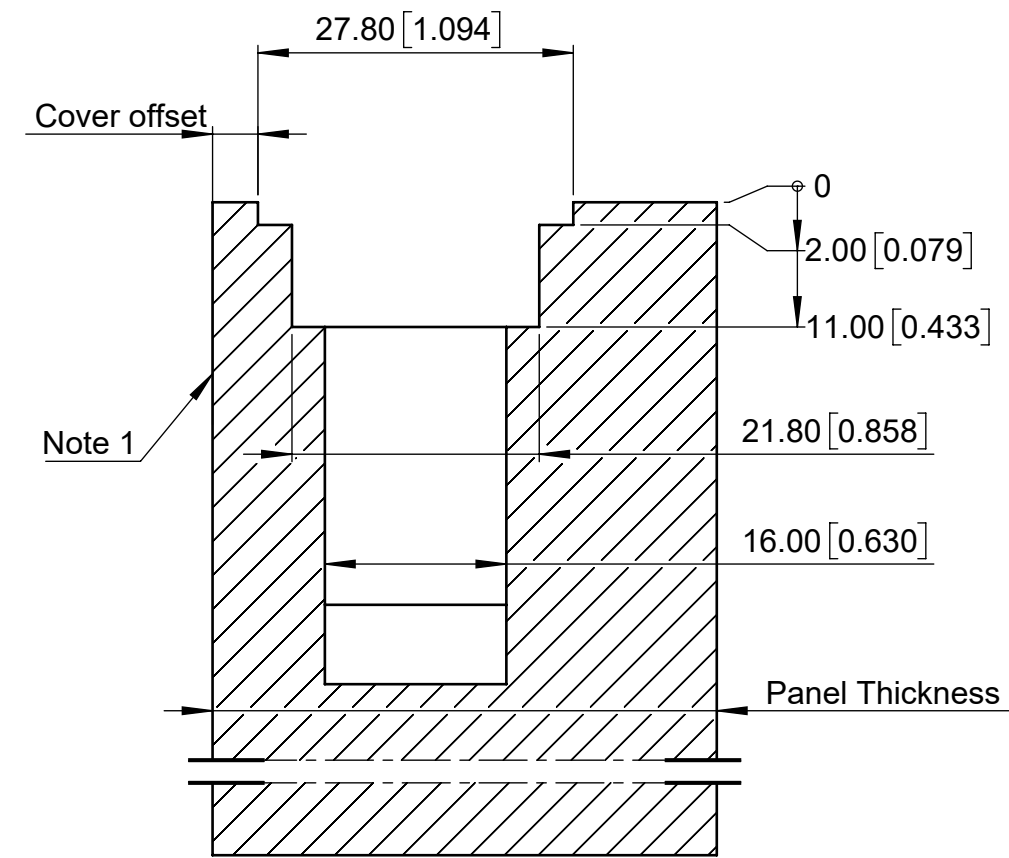
Notes:

1. All dimensions in mm.



ROUTING DETAIL

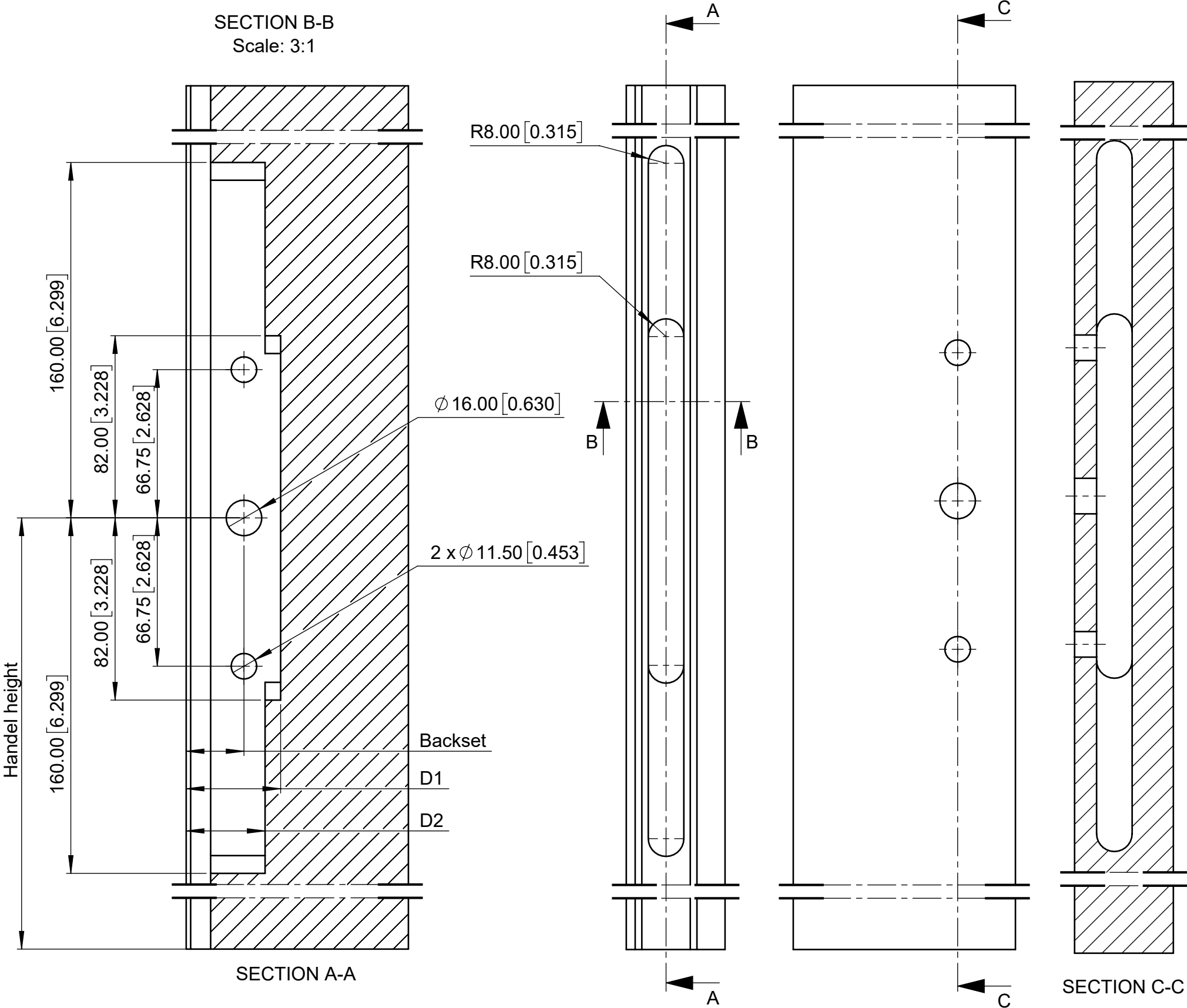
TwinPoint Gen2 lock body - single handle non-keyed



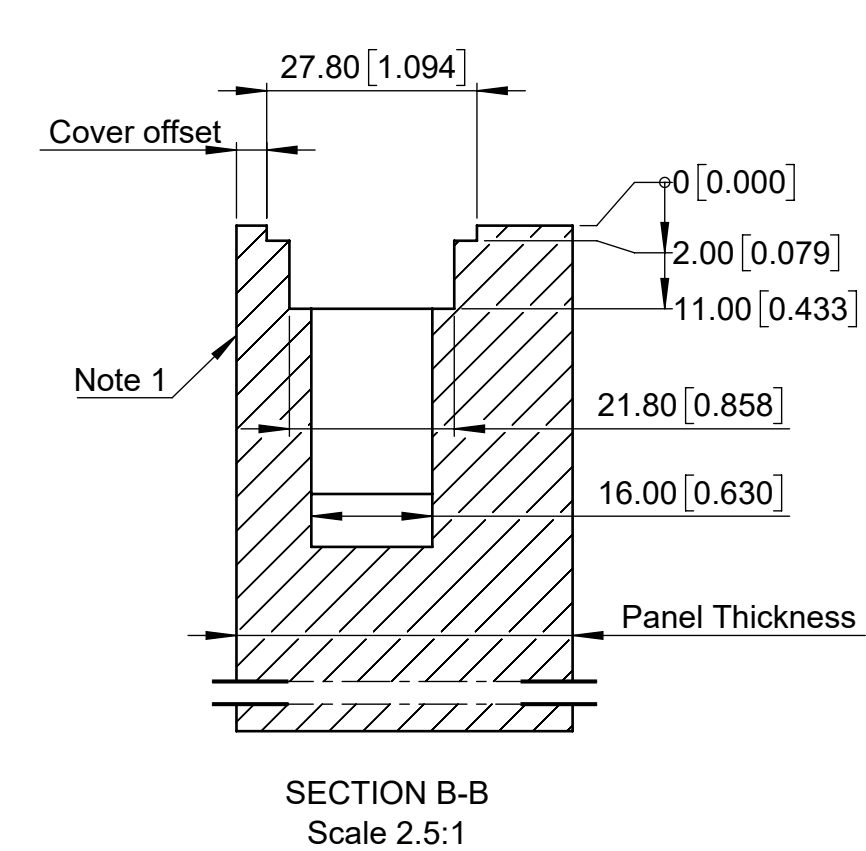
Backset (mm)	D1 (mm)	D2 (mm)
26.0	42.5	35.5
40.0	56.5	49.5

Backset (inch)	D1 (inch)	D2 (inch)
1.024	1.673	1.398
1.575	2.224	1.949

- Notes:
- 1. Inside for outward opening or outside for inward opening.
  - 2. Dimension "Cover offset" refers to section ROUTING DETAIL - Transmission rod cover.



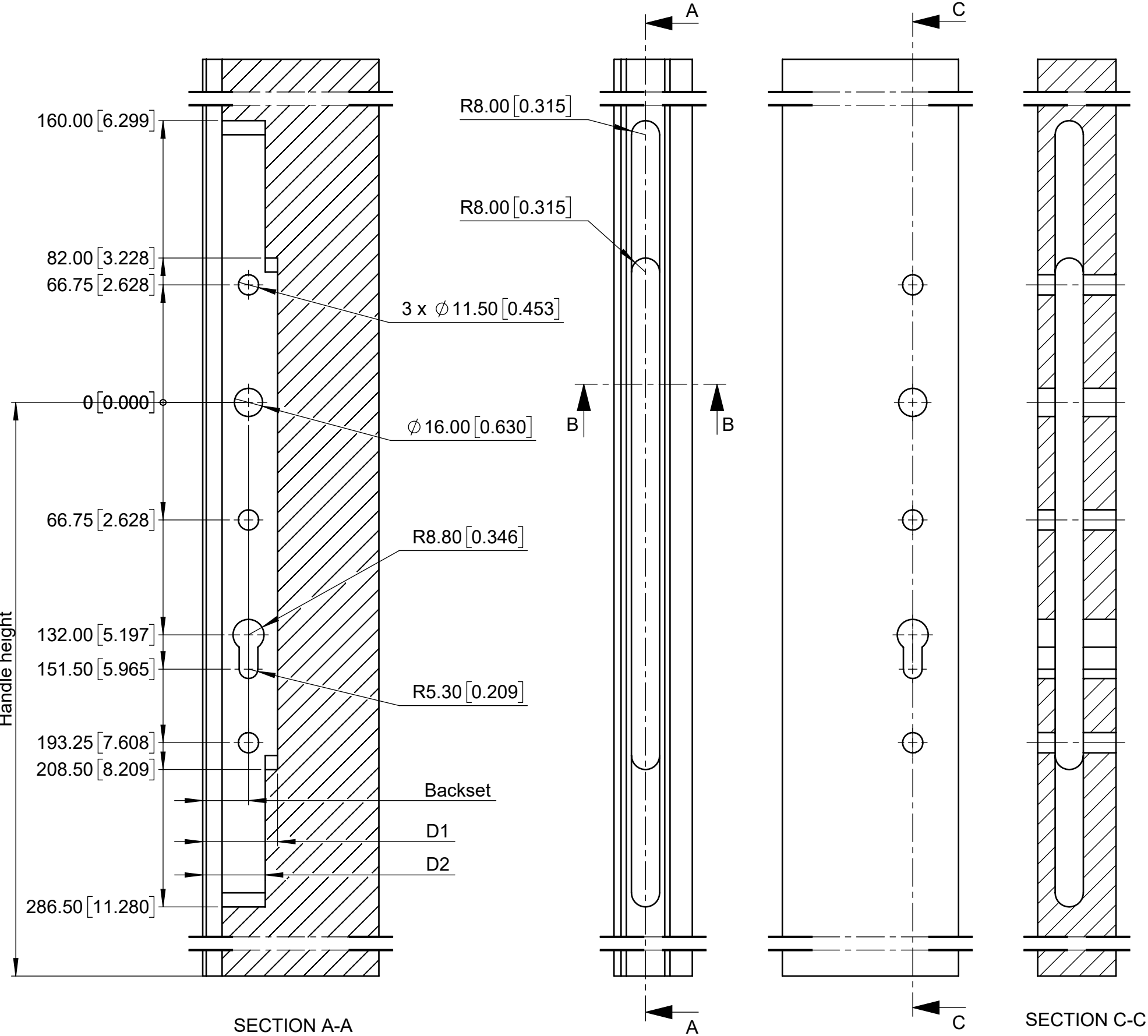
TwinPoint Gen2 lock body - double handle keyed



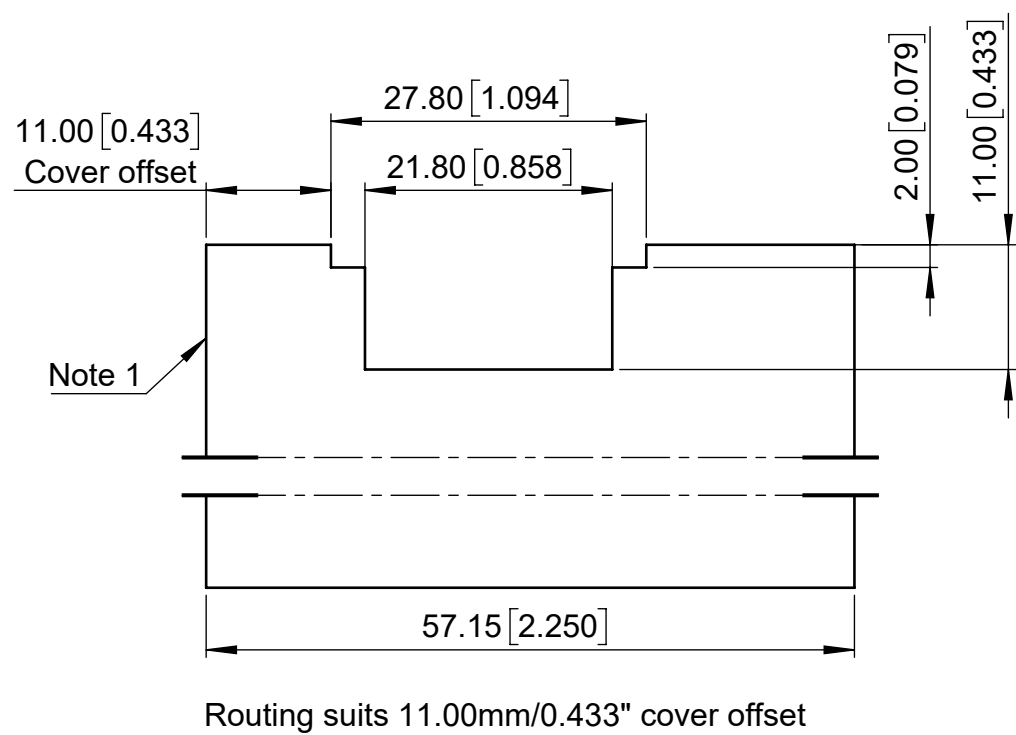
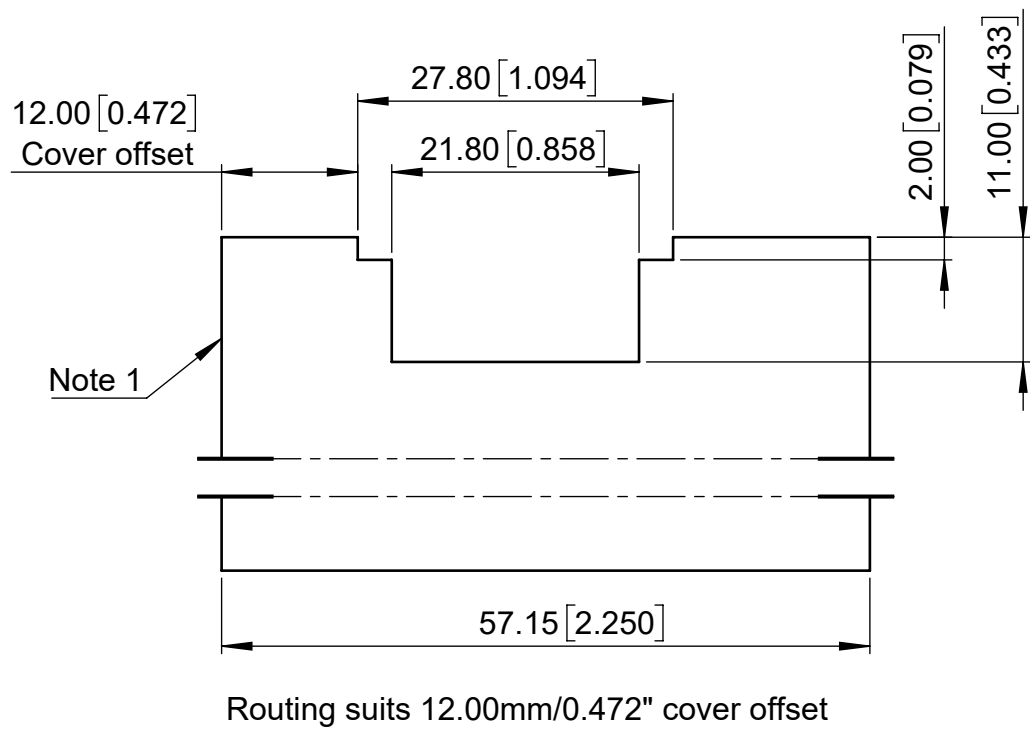
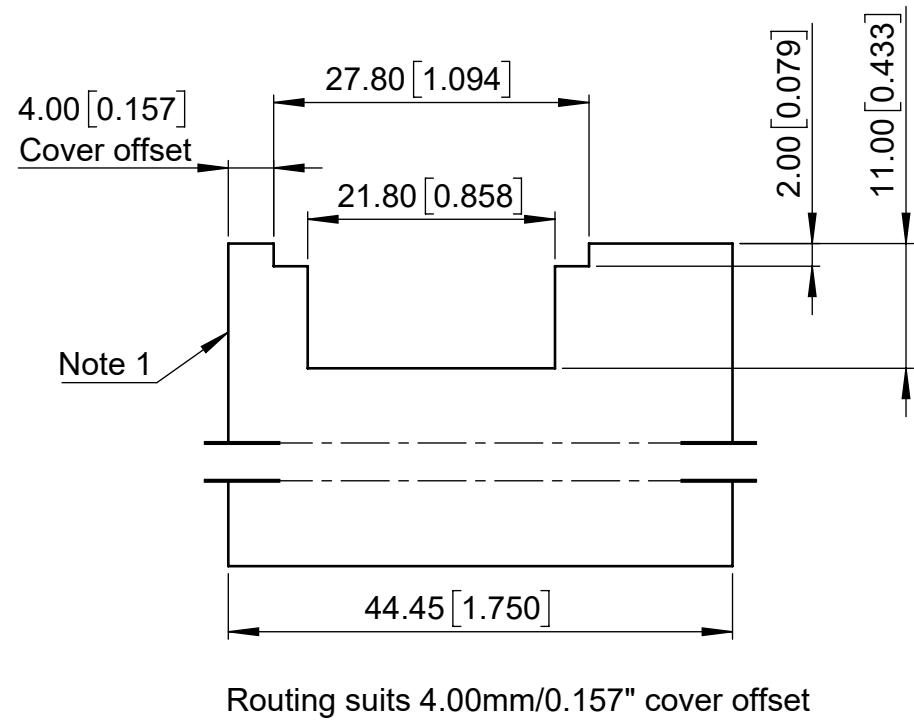
Backset (mm)	D1 (mm)	D2 (mm)
26.0	42.5	35.5
40.0	56.5	49.5

Backset (inch)	D1 (inch)	D2 (inch)
1.024	1.673	1.398
1.575	2.224	1.949

- Notes:
- Inside for outward opening or outside for inward opening.
  - Dimension "Cover offset" refers to section ROUTING DETAIL - Transmission rod cover.

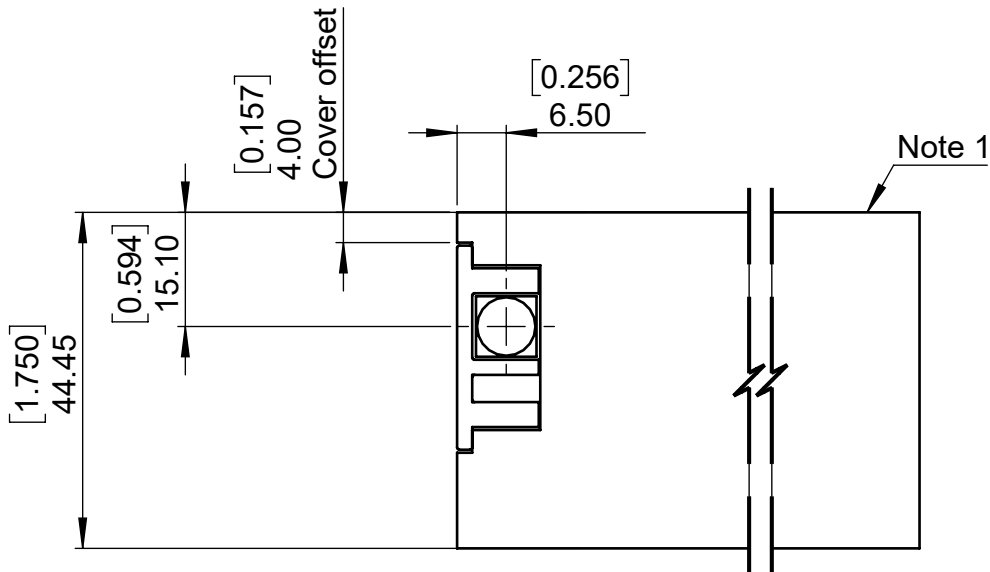


Transmission rod cover

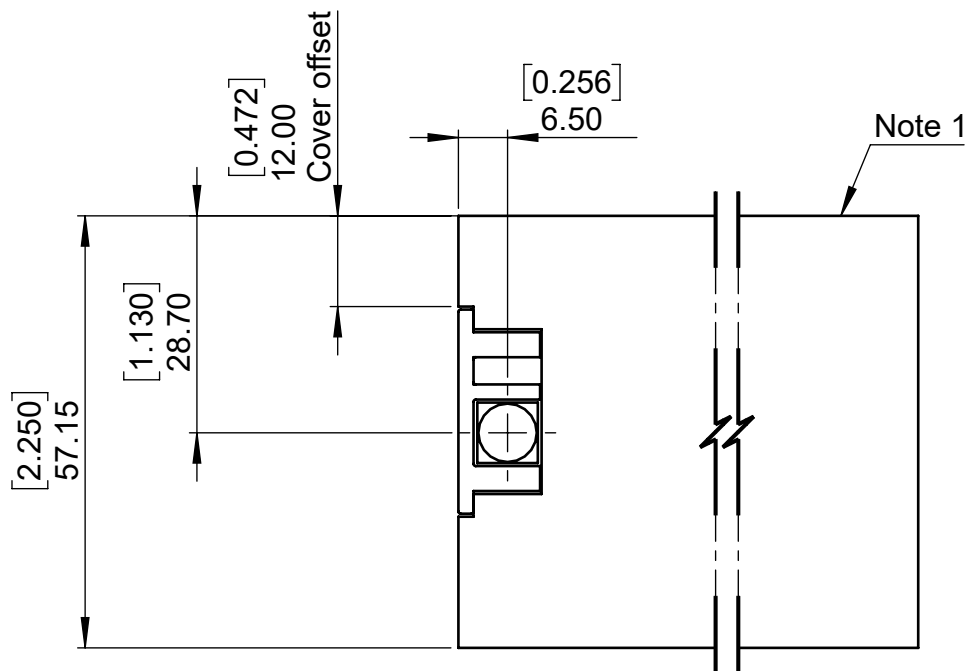


- Notes:
1. Inside for outward opening or outside for inward opening.
  2. Apply machining to the full length of the stile.

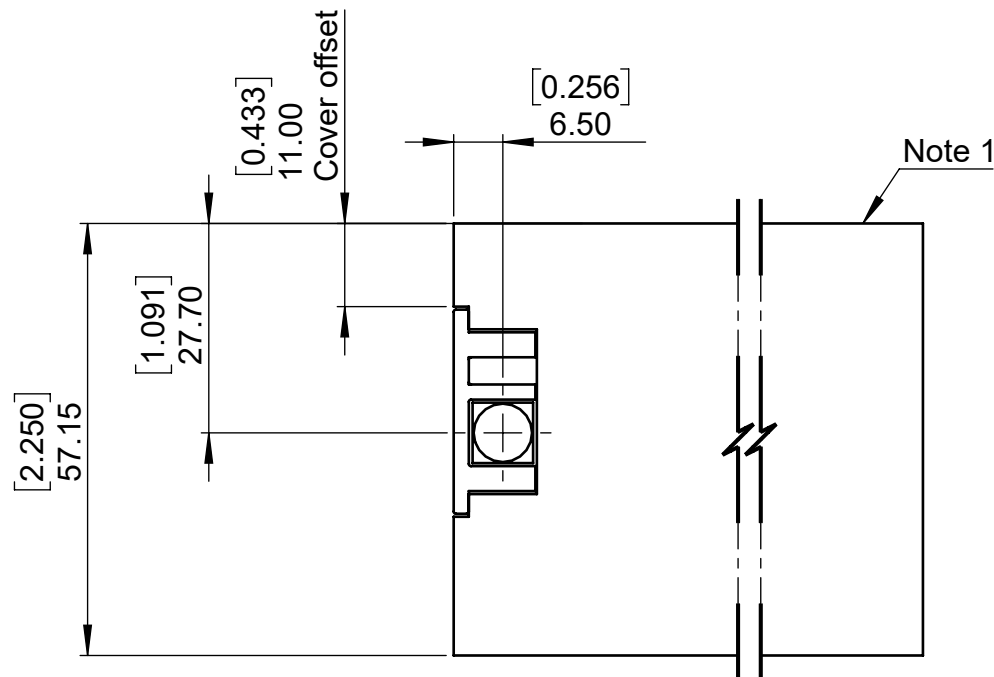
BOLT POSITION IN STILE



Bolt position for 4.00mm/0.157" cover offset

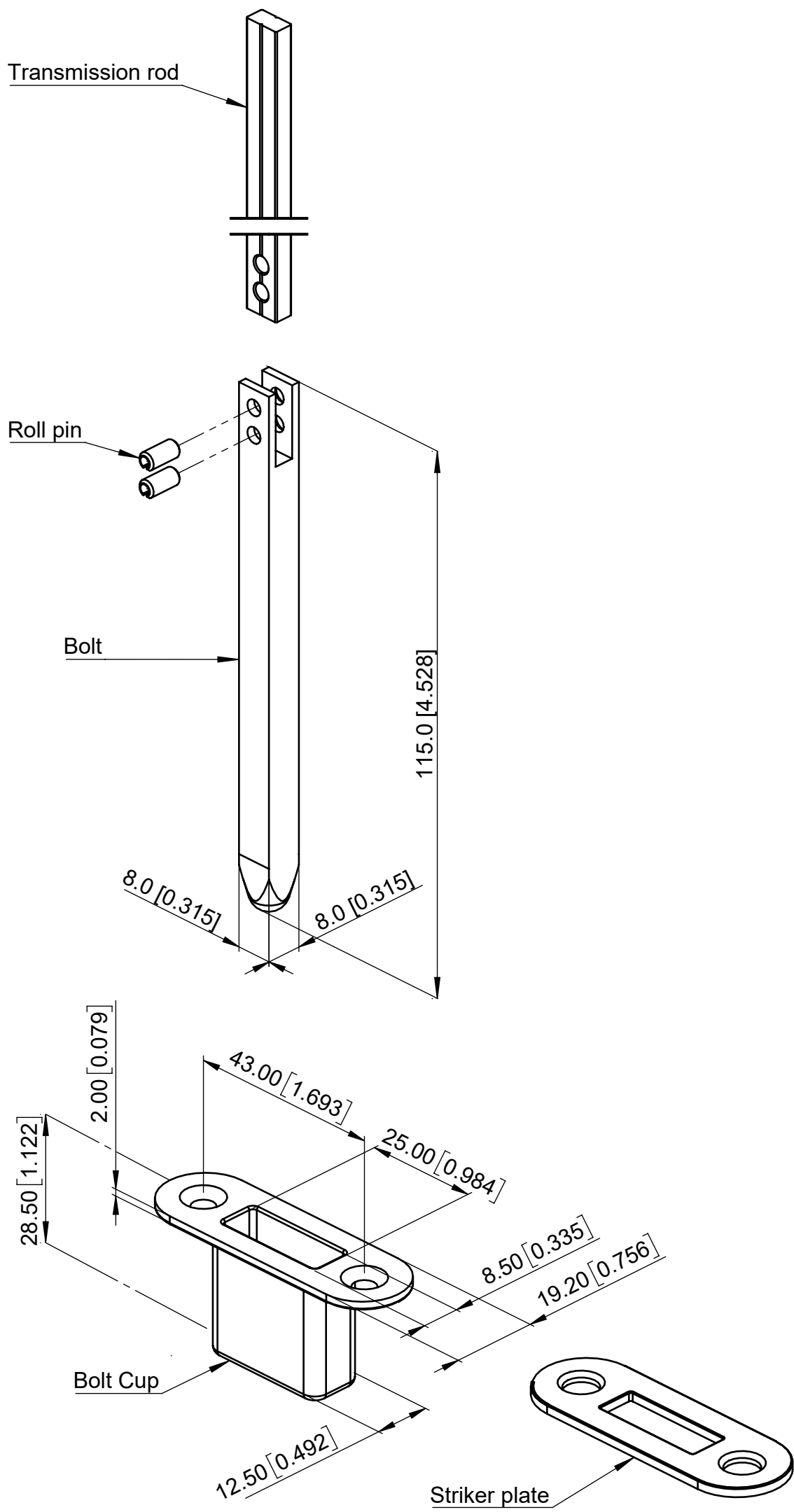


Bolt position for 12.00mm/0.472" cover offset



Bolt position for 11.00mm/0.433" cover offset

Notes:  
1. Inside for outward opening or outside for inward opening.

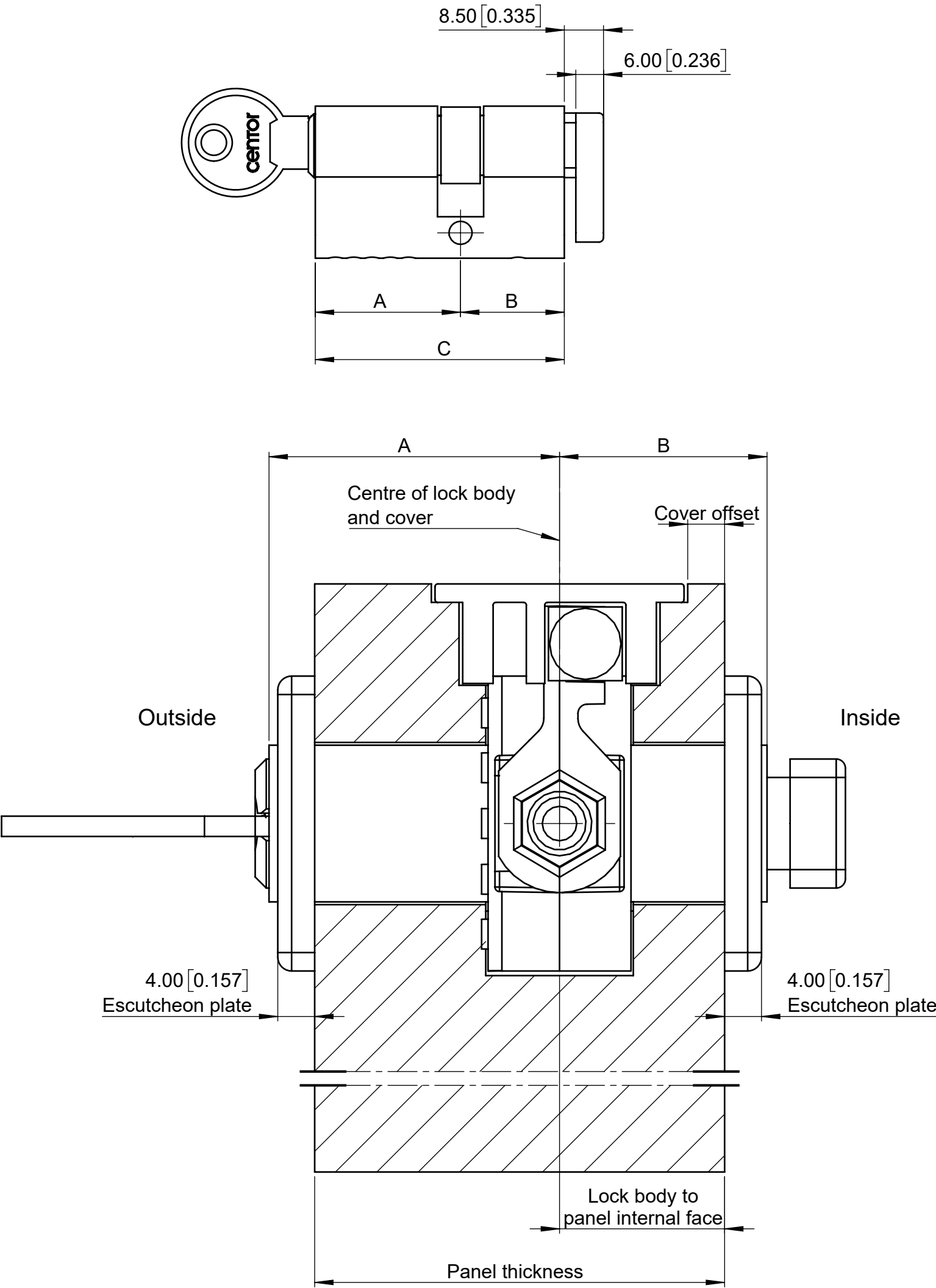




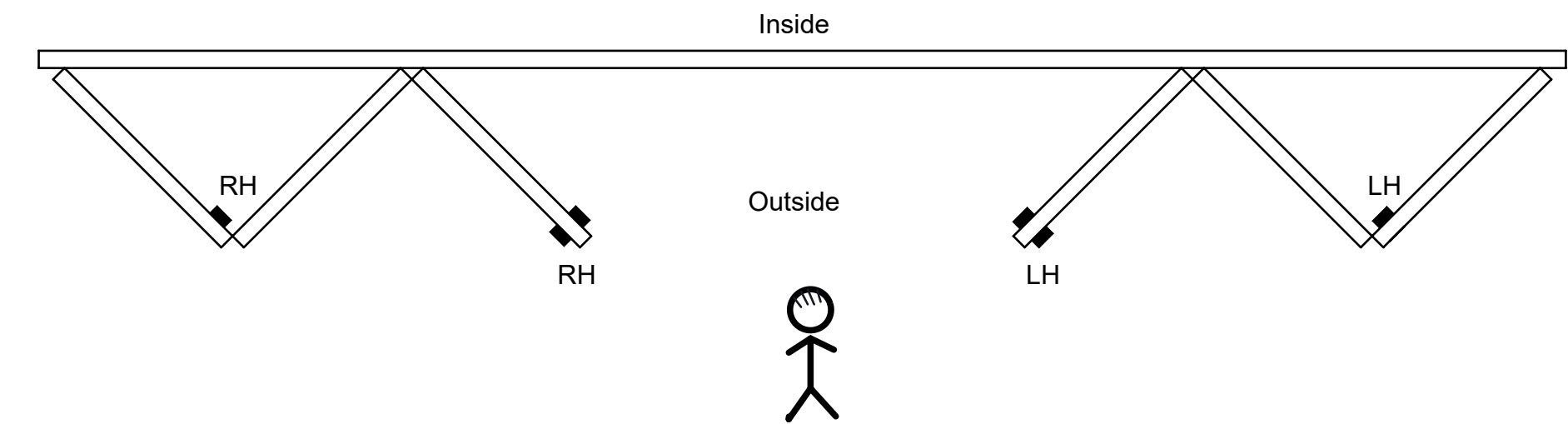
LOCK CYLINDER DETAIL

Cylinder size and positioning

Cylinder type	Dimension			Cover offset	Lock body to panel internal face	Panel thickness	Opening
	A	B	C				
TPL-019	31.5mm [1.240]	22.5mm [0.886]	54mm [2.126]	4.0mm [0.157]	17.9mm [0.705]	44.45mm [1.750]	Outward
TPL-020	36.5mm [1.437]	30.5mm [1.201]	67mm [2.638]	12.0mm [0.472]	25.9mm [1.020]	57.15mm [2.250]	
				11.0mm [0.433]	24.9mm [0.980]		

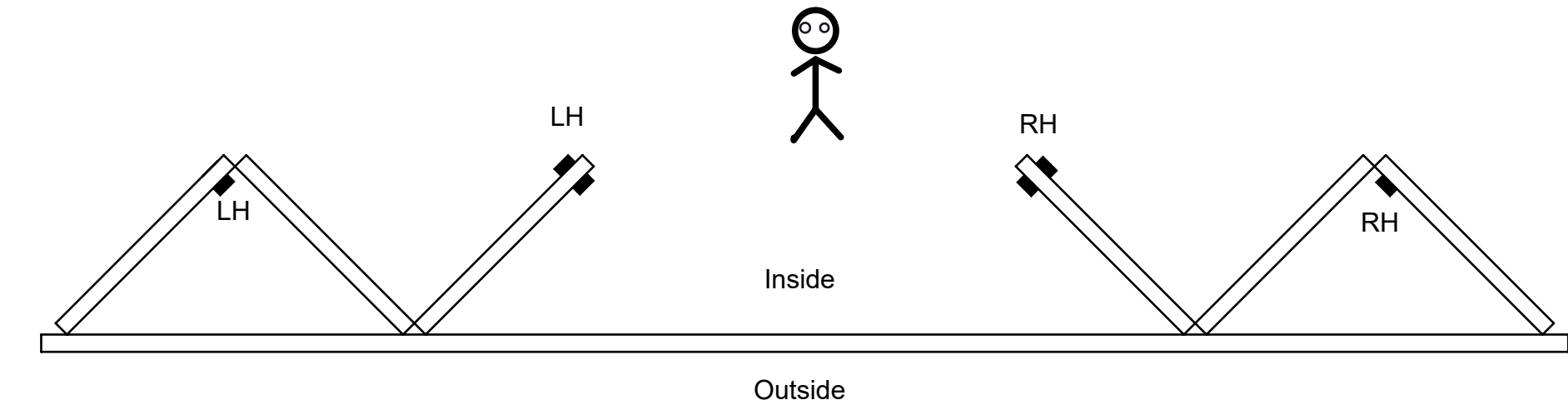


Outward opening door



Opening	View	Handing	Location
Outward	From outside	LH - Left hand	Left side of panel
		RH - Right hand	Right side of panel

Inward opening door

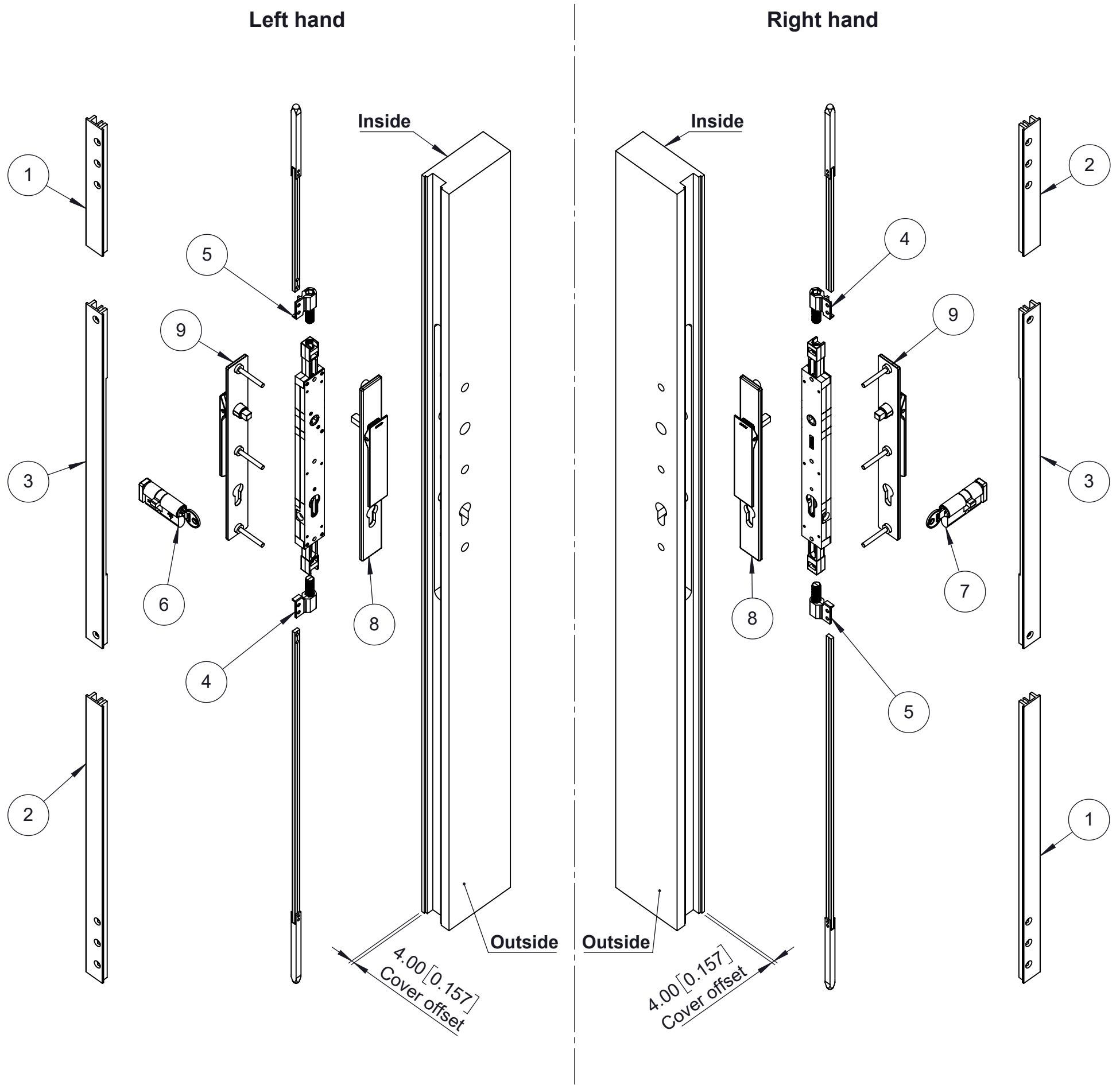


Opening	View	Handing	Location
Inward	From inside	LH - Left hand	Left side of panel
		RH - Right hand	Right side of panel

HANDING DETAILS

Outward opening with 4mm cover offset

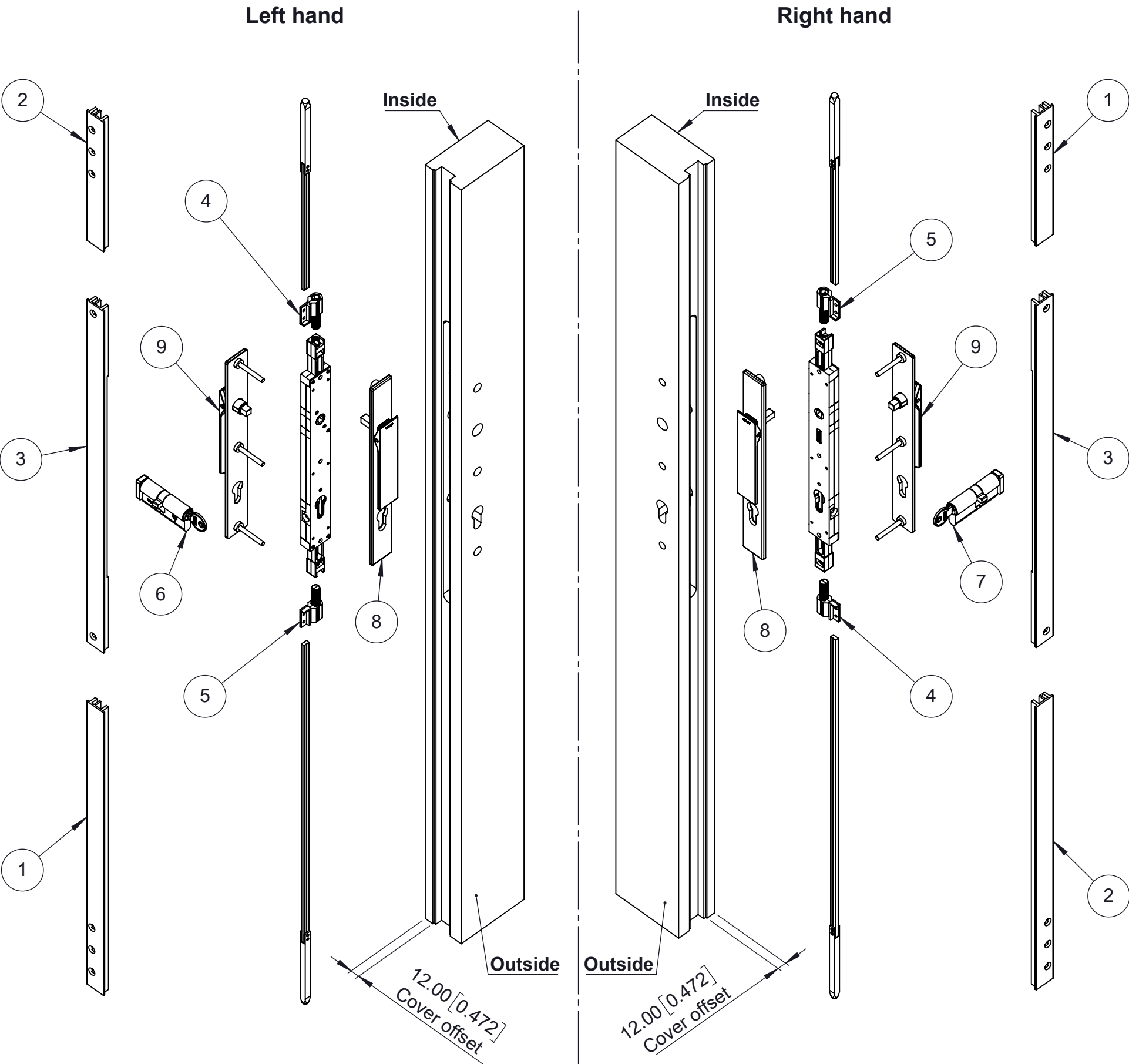
Item number	Description
1	Two covers are supplied with the same length, but are located differently for left hand and right hand lock assemblies. E.g the bottom cover for left will go to the top for right and vice versa.
2	
3	The same lock body cover is used regardless but oriented differently for left and right hand lock assemblies.
4	LKC-518-C for 26mm backset or LKC-518-E for 40mm backset. Part numbers are branded on parts.
5	LKC-518-D for 26mm backset or LKC-518-F for 40mm backset. Part numbers are branded on parts.
6	Left hand lock cylinder (handing indication engraved on cylinder body)
7	Right hand lock cylinder (handing indication engraved on cylinder body)
8	External handle
9	Internal handle



HANDING DETAILS

Outward opening with 12mm cover offset

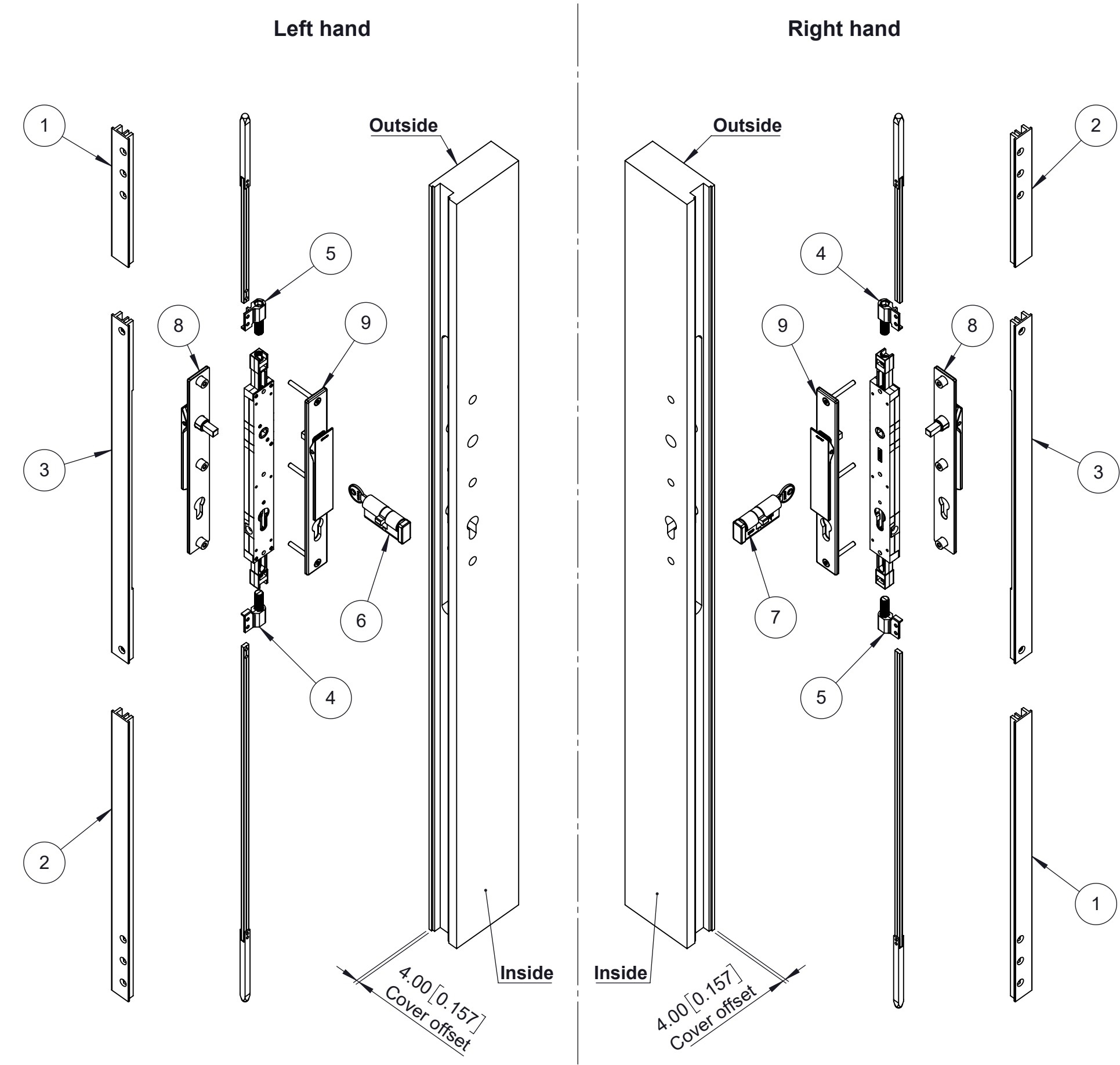
Item number	Description
1	Two covers are supplied with the same length, but are located differently for left hand and right hand lock assemblies. E.g the bottom cover for left will go to the top for right and vice versa.
2	
3	The same lock body cover is used regardless but oriented differently for left and right hand lock assemblies.
4	LKC-518-C for 26mm backset or LKC-518-E for 40mm backset. Part numbers are branded on parts.
5	LKC-518-D for 26mm backset or LKC-518-F for 40mm backset. Part numbers are branded on parts.
6	Left hand lock cylinder (handing indication engraved on cylinder body)
7	Right hand lock cylinder (handing indication engraved on cylinder body)
8	External handle
9	Internal handle



HANDING DETAILS

Inward opening with 4mm cover offset

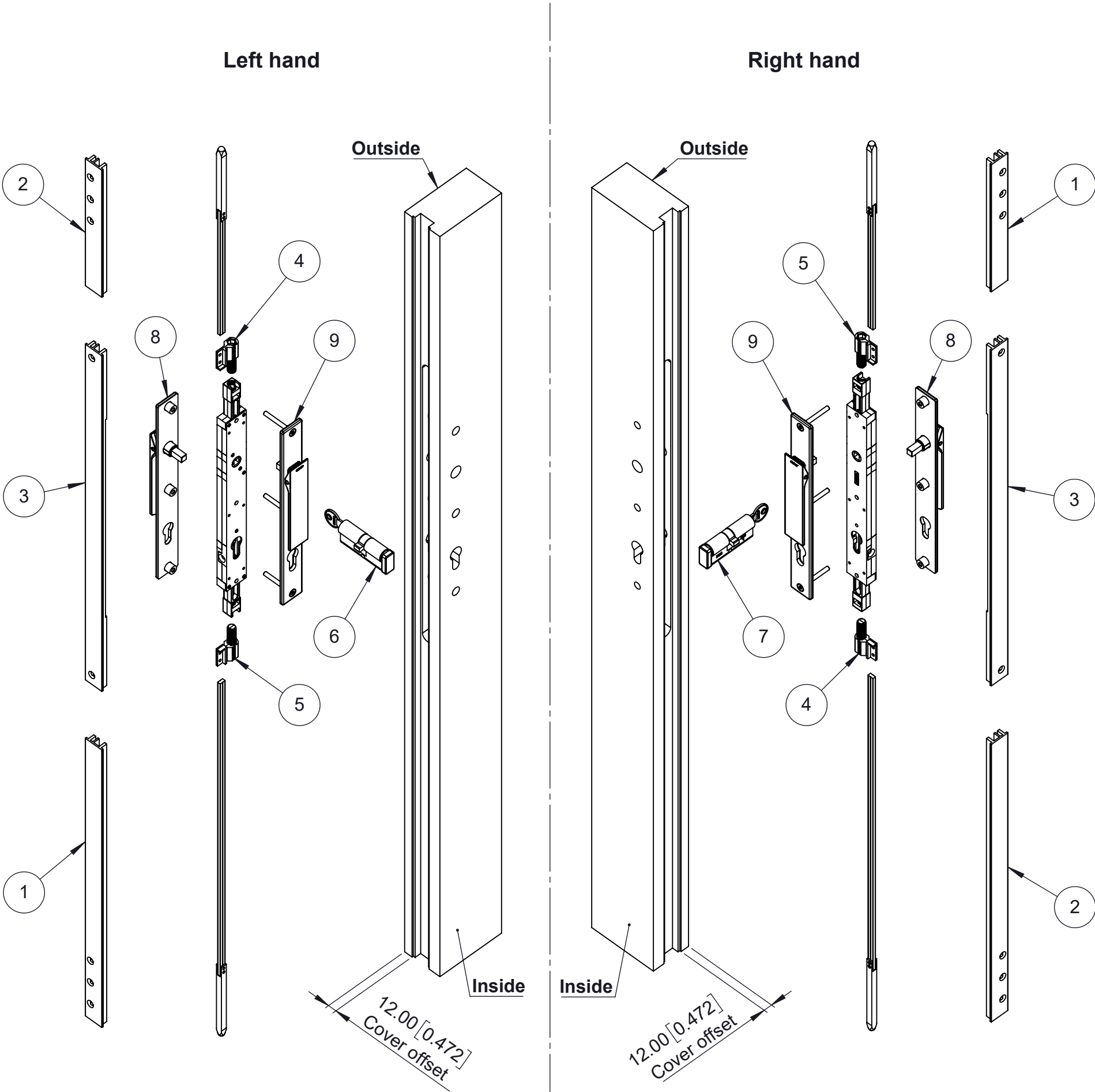
Item number	Description
1	Two covers are supplied with the same length, but are located differently for left hand and right hand lock assemblies. E.g the bottom cover for left will go to the top for right and vice versa.
2	
3	The same lock body cover is used regardless but oriented differently for left and right hand lock assemblies.
4	LKC-518-C for 26mm backset or LKC-518-E for 40mm backset. Part numbers are branded on parts.
5	LKC-518-D for 26mm backset or LKC-518-F for 40mm backset. Part numbers are branded on parts.
6	Left hand lock cylinder (handing indication engraved on cylinder body)
7	Right hand lock cylinder (handing indication engraved on cylinder body)
8	External handle
9	Internal handle



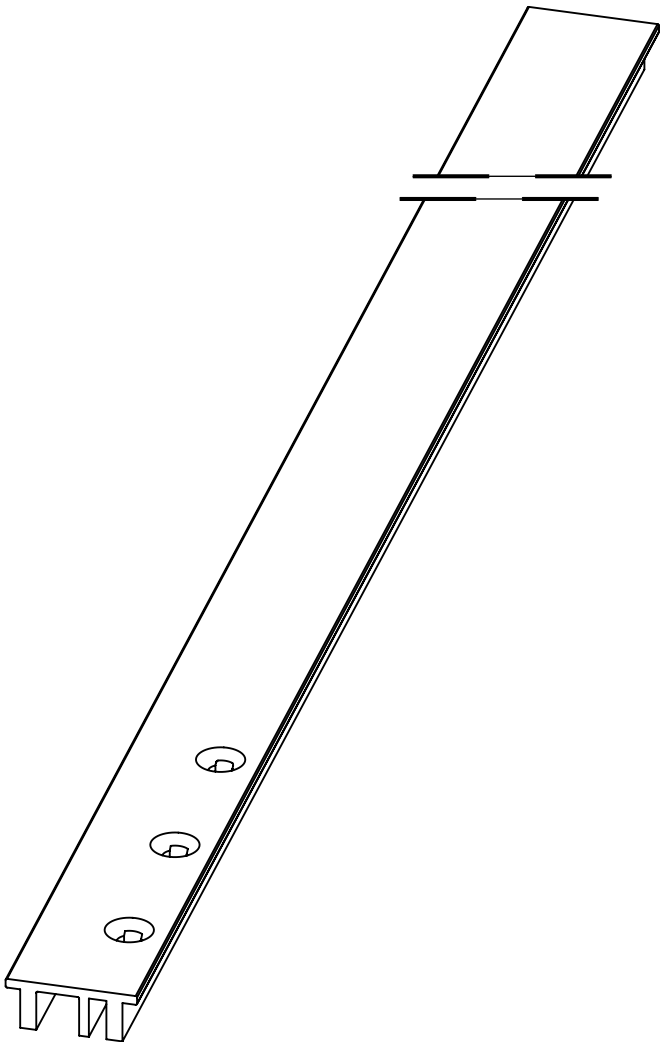
HANDING DETAILS

Inward opening with 12mm cover offset

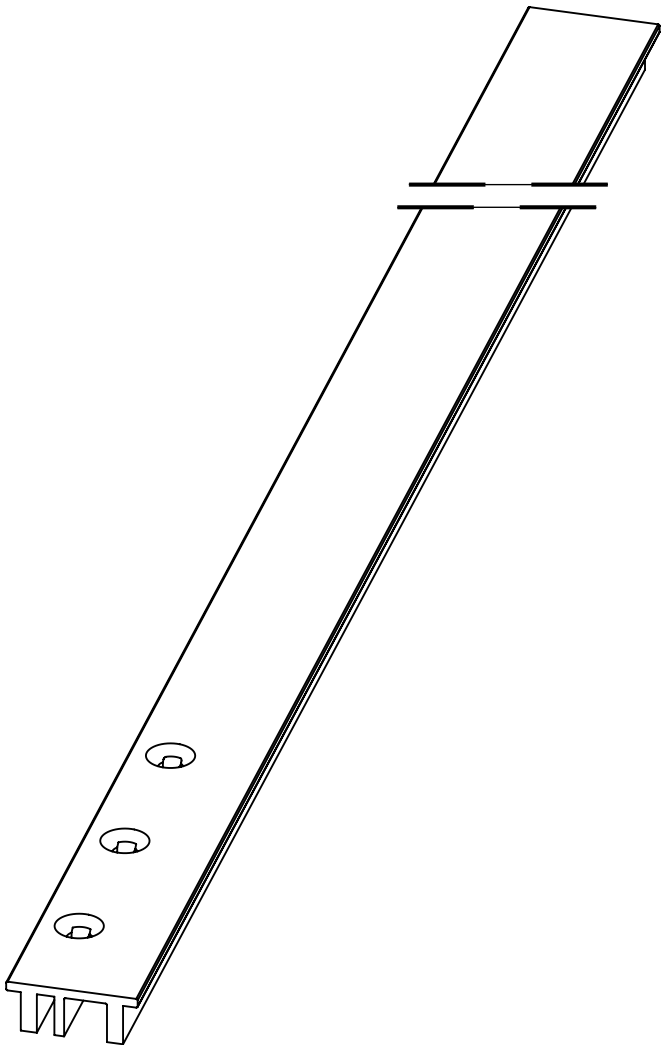
Item number	Description
1	Two covers are supplied with the same length, but are located differently for left hand and right hand lock assemblies. E.g the bottom cover for left will go to the top for right and vice versa.
2	
3	The same lock body cover is used regardless but oriented differently for left and right hand lock assemblies.
4	LKC-518-C for 26mm backset or LKC-518-E for 40mm backset. Part numbers are branded on parts.
5	LKC-518-D for 26mm backset or LKC-518-F for 40mm backset. Part numbers are branded on parts.
6	Left hand lock cylinder (handing indication engraved on cylinder body)
7	Right hand lock cylinder (handing indication engraved on cylinder body)
8	External handle
9	Internal handle



Step 1. Identify bottom covers.



Bottom cover for  
Outward or inward with 4mm cover offset - left hand  
or  
Outward or inward with 12mm cover offset - right hand

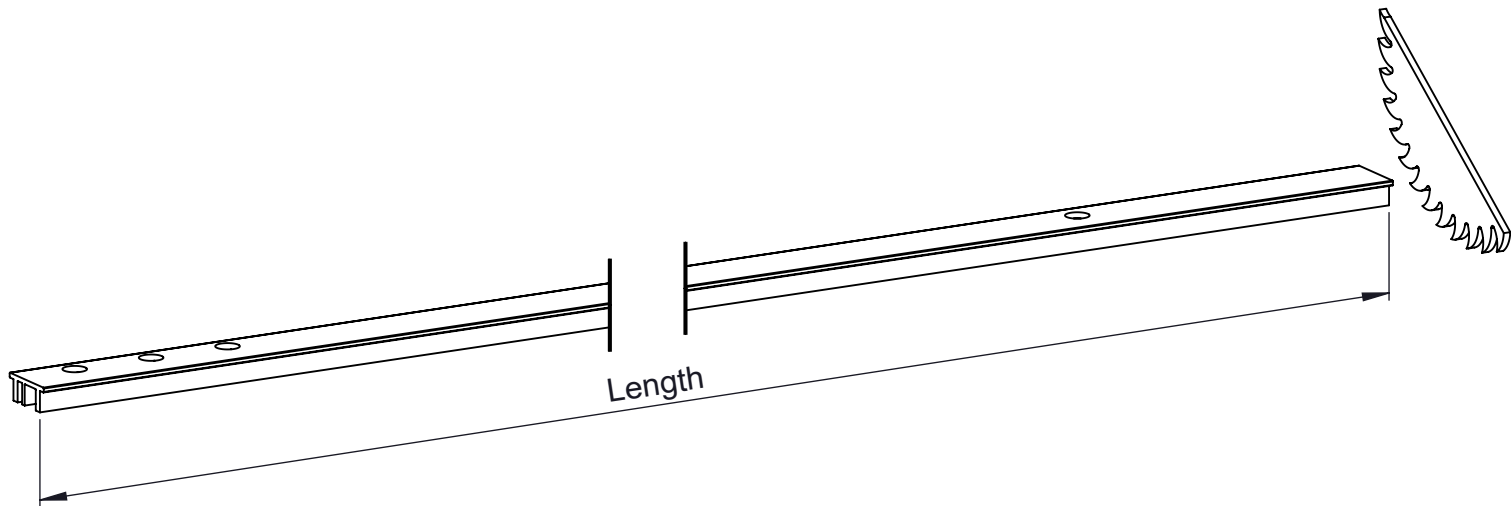


Bottom cover for  
Outward or inward with 4mm cover offset - right hand  
or  
Outward or inward with 12mm cover offset - left hand

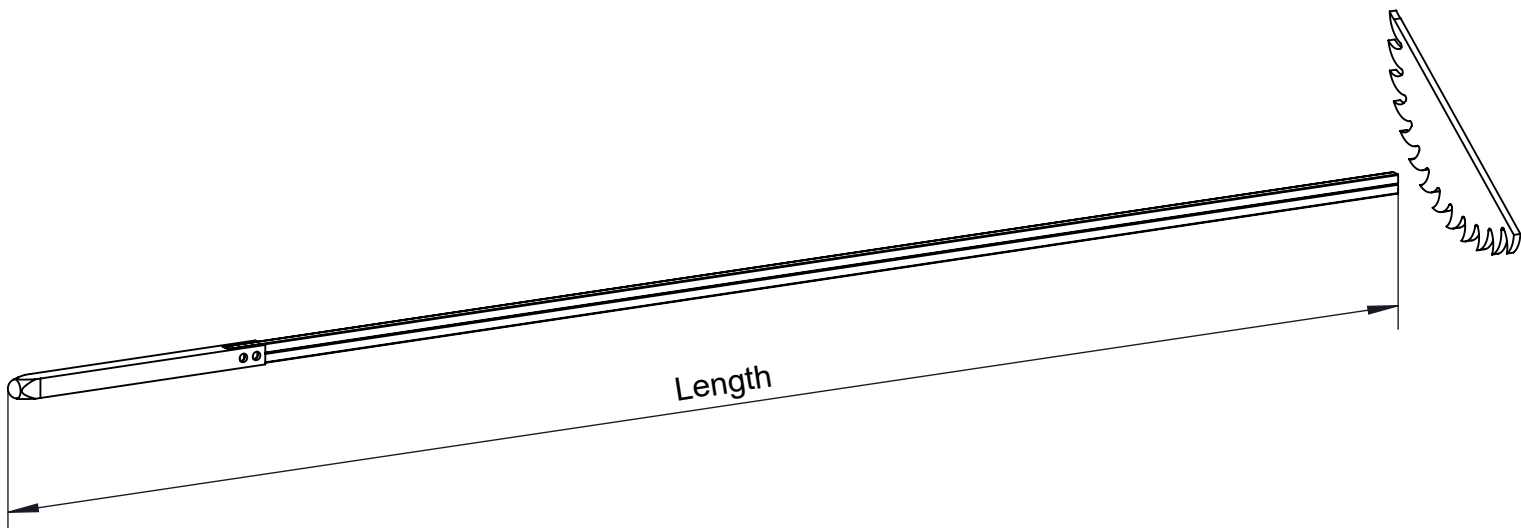
The top cover is mirrored to the bottom.



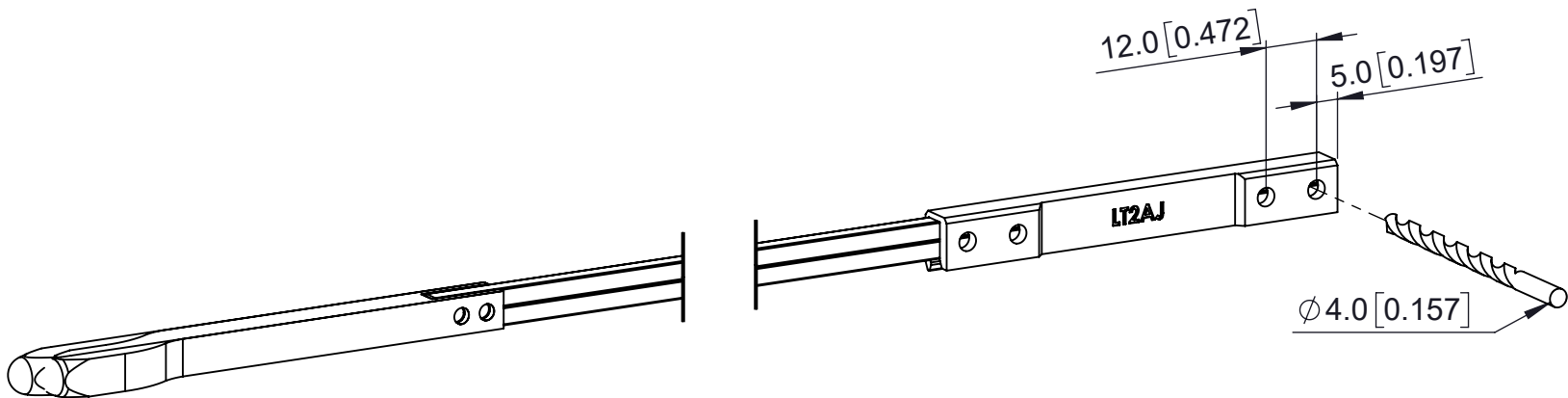
**Step 2. Cut the covers to length.**  
For cover length, refer to TRANSMISSION ROD AND COVER LENGTH FORMULA section.



**Step 3. Cut the top and bottom transmission rods to length.**  
Refer to TRANSMISSION ROD AND COVER LENGTH FORMULA section.



**Step 4. Drill two rivet holes for transmission rod adaptor.**  
Keep the drilling jig flush with the end of the transmission rod.

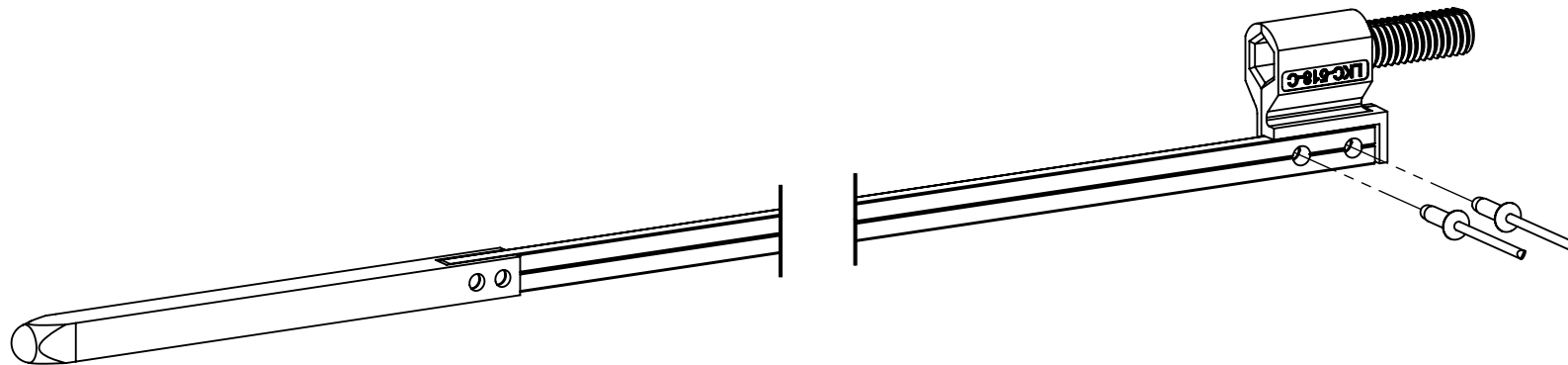


**Step 4. Connect transmission rod adaptor.**

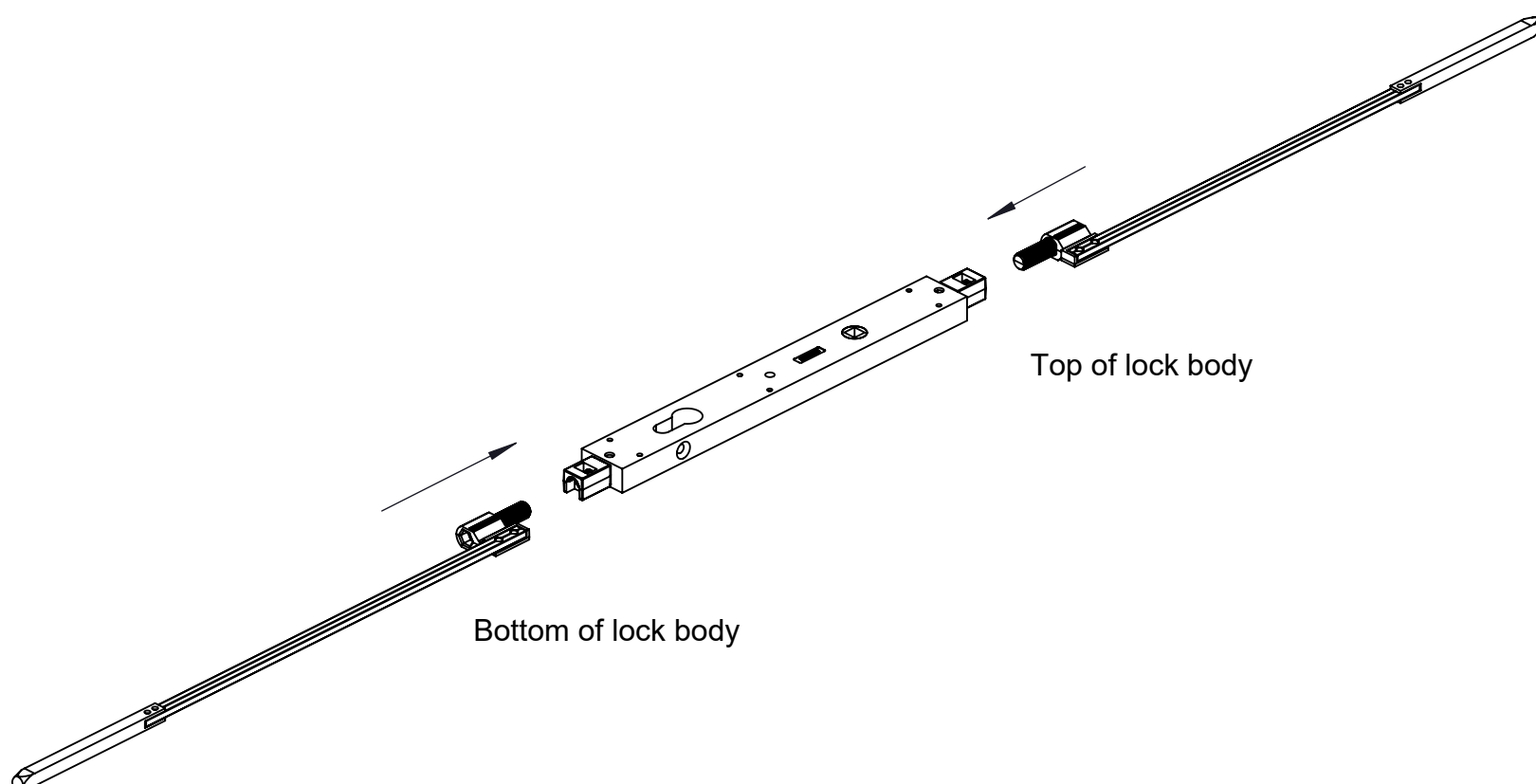
Refer to HANDING DETAILS section, make sure the correct transmission rod adaptors are used for top and bottom rods.

Use the pop rivets supplied to attach the transmission rod adaptor to the transmission rod.

Insert the pop rivet through the rod into the adaptor.

**Step 5. Connect transmission rod to lock body.**

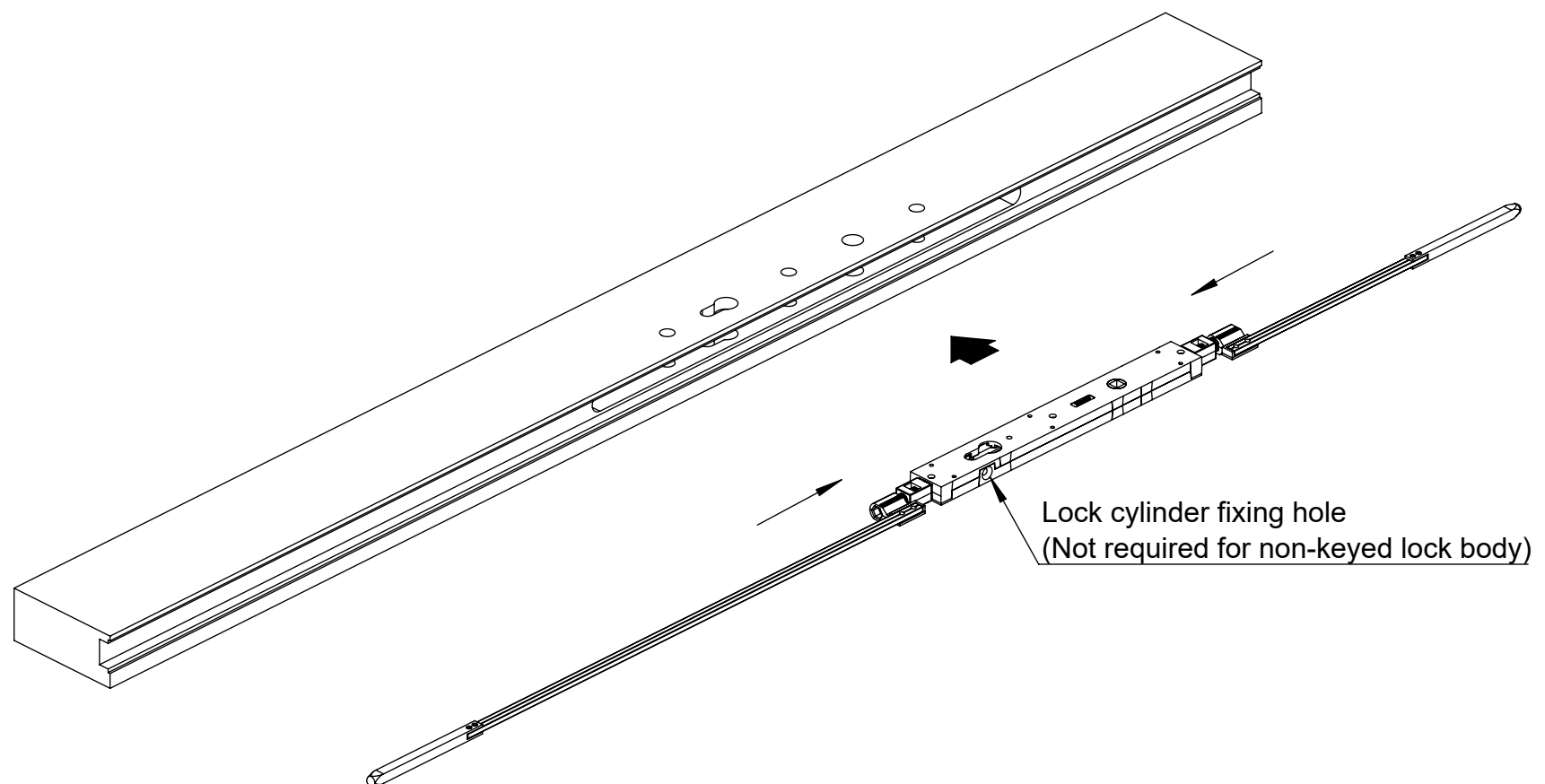
Thread the transmission rod assemblies into the lock body until it bottoms out.



## INSTALL LOCK INTO STILE OR PANEL

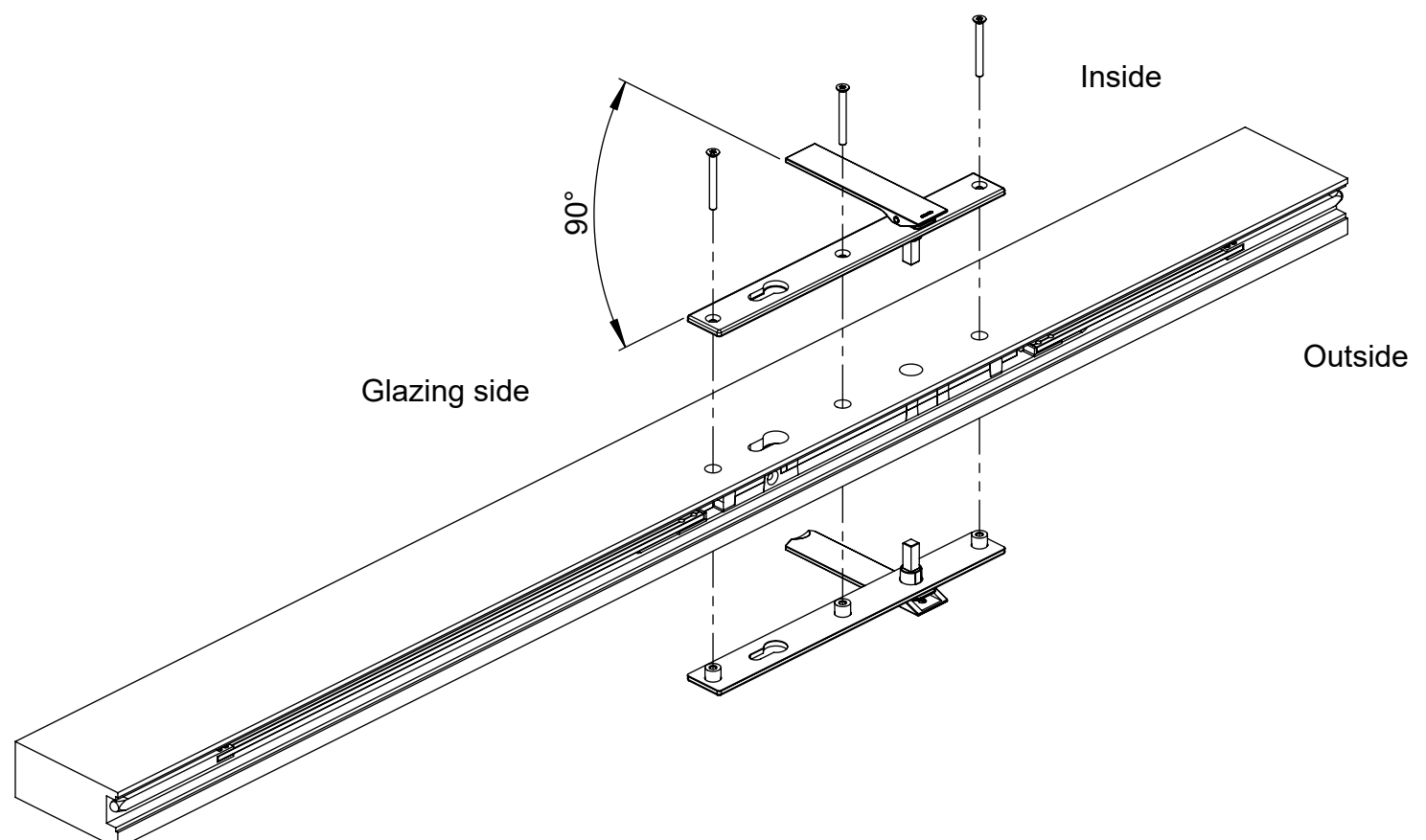
### Step 1. Fit the assembly into machined stile/panel.

Check the lock handing is correct for the stile/panel. Make sure the lock is retracted and the lock cylinder fixing screw hole is facing outwards.



### Step 2. Fit the handles.

The swing handles should be turned 90° into the glazing side before insertion.



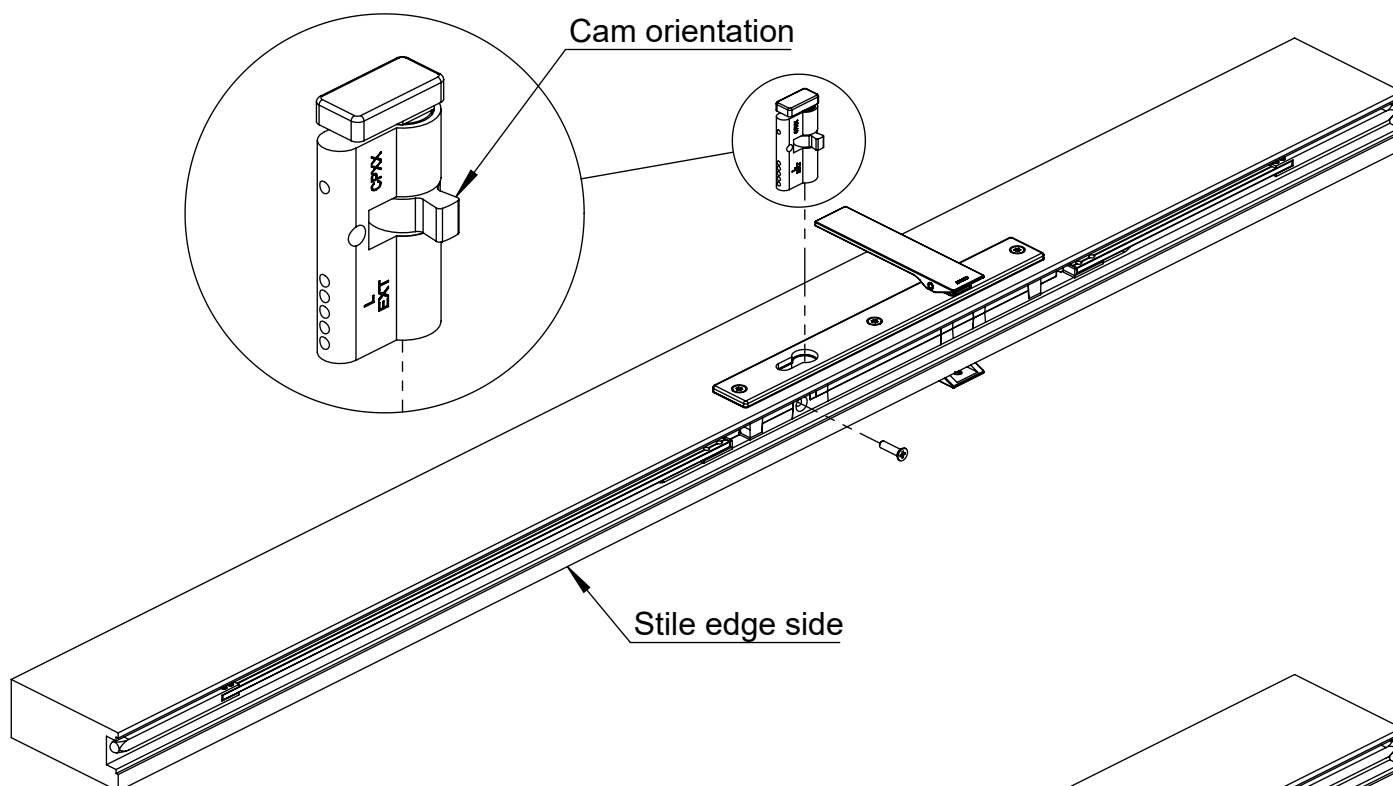
## INSTALL LOCK INTO STILE OR PANEL

### Step 3. Insert the lock cylinder.

A handed lock assembly requires a same handing lock cylinder to work. Refer to HANDING DETAILS section and check that the correct handed cylinder is supplied.

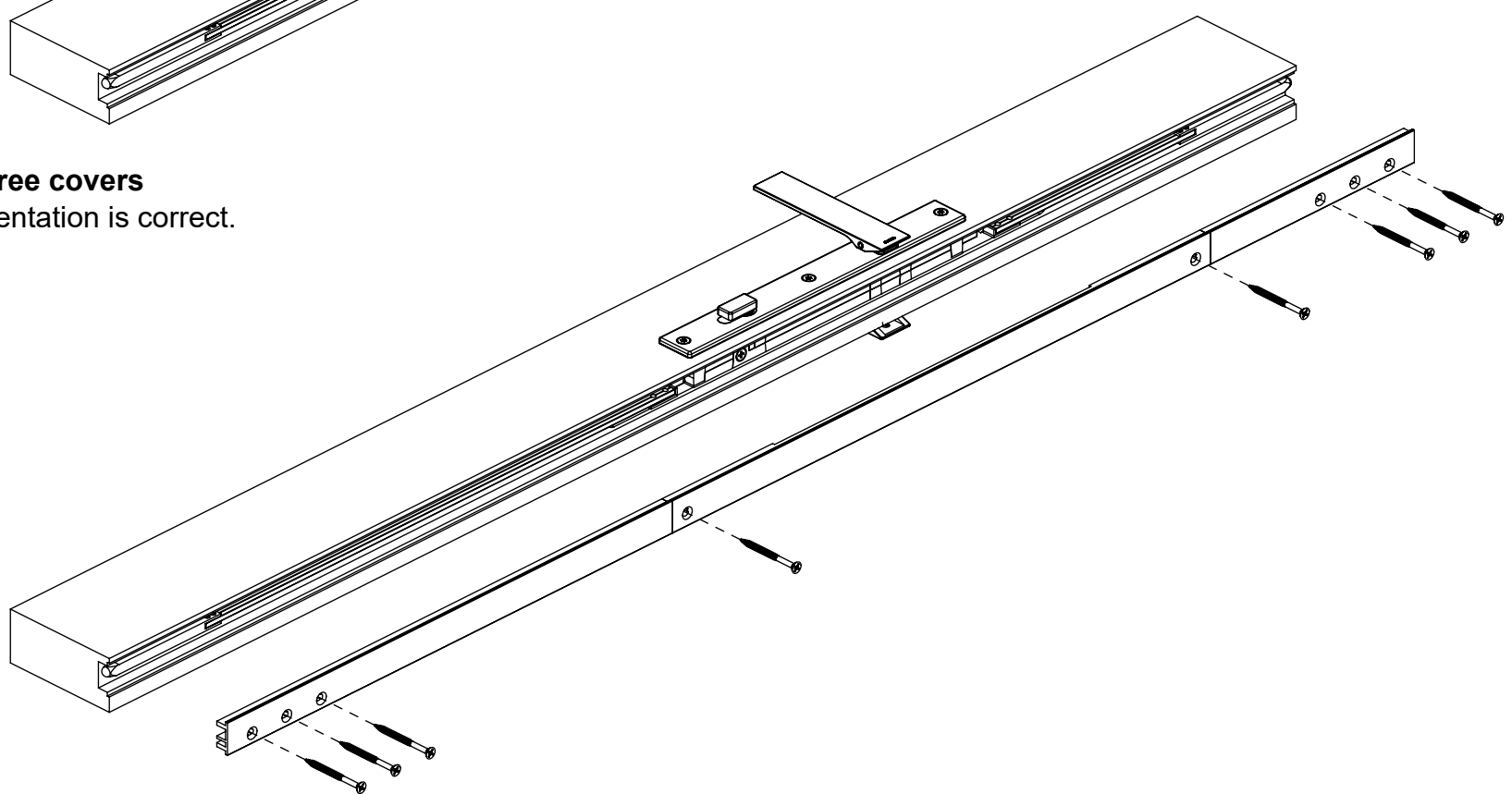
**Important:** Never fit a cylinder with wrong handing into the lock body. The correct handing should have the initial cam position orientated to the stile edge side.

Secure the cylinder body with fixing screw provided.



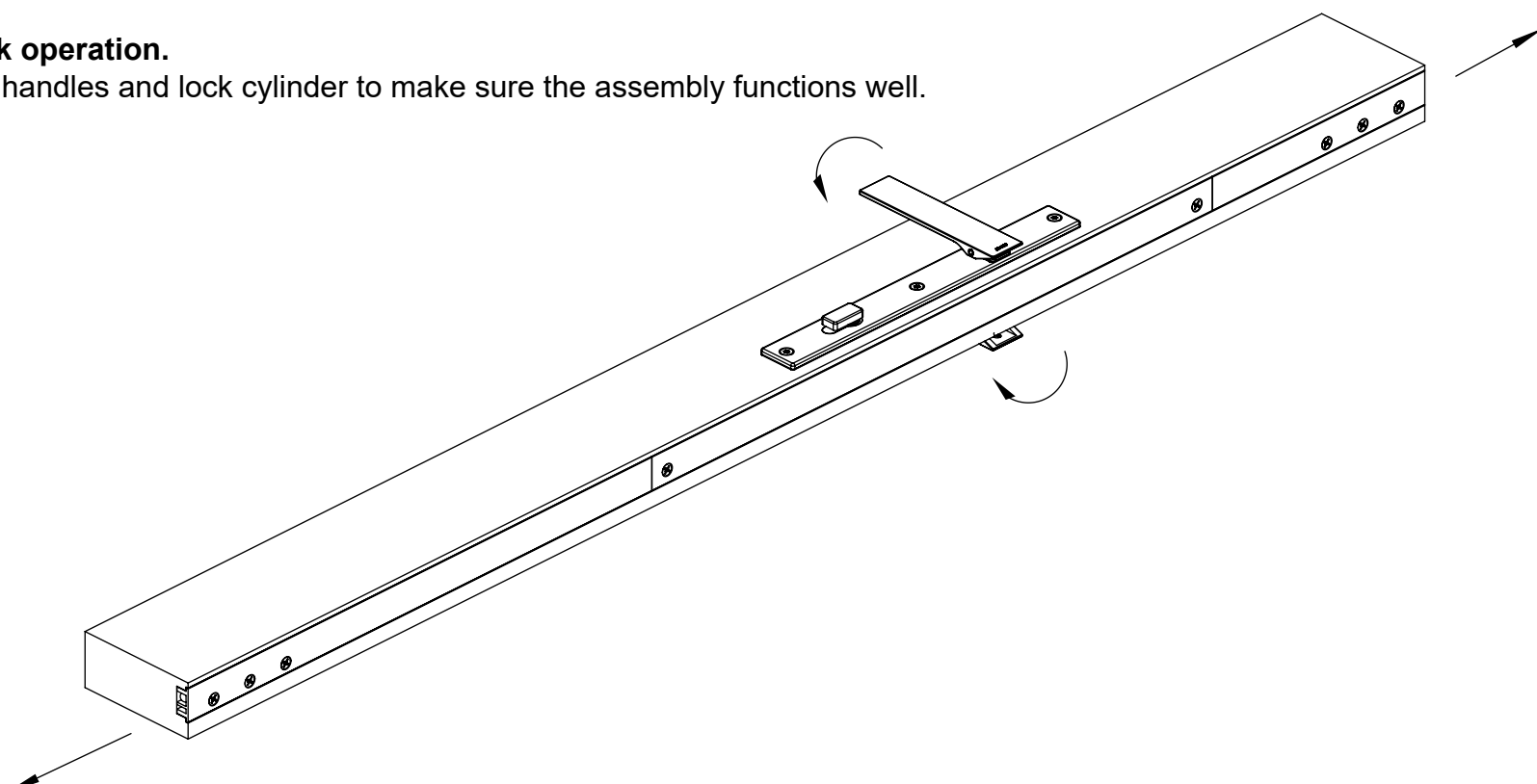
### Step 4. Fit the three covers

Make sure the orientation is correct.

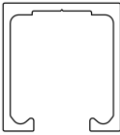
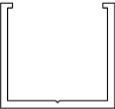
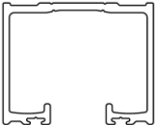
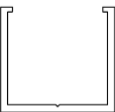
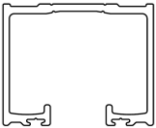

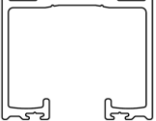
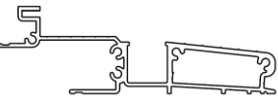
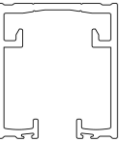
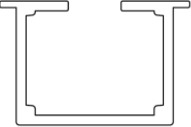

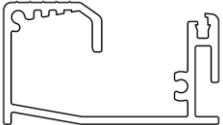


### Step 5. Lock operation.

Operate the handles and lock cylinder to make sure the assembly functions well.



## Hardware components

Folding Hardware	Head	Sill	Panel			
			1 3/4"		2 1/4"	
			Outward	Inwards	Outward	Inwards
E2	14TA 	E22FCR 	Non-keyed and keyed	Non-keyed	n/a	n/a
E3	E3TA 	E22FCR 	Non-keyed and keyed	Non-keyed	Non-keyed and keyed	Non-keyed
	E3TA 	E3CSLO 	Non-keyed and keyed	Non-keyed	n/a	n/a
	E3TA 	E3CS134N 	Non-keyed and keyed	Non-keyed	n/a	n/a
E4	E4TA 	E4FC 	n/a	n/a	Non-keyed and keyed	Non-keyed
F3	FR3HTS 	FRSB 	Non-keyed and keyed	Non-keyed	Non-keyed and keyed	Non-keyed

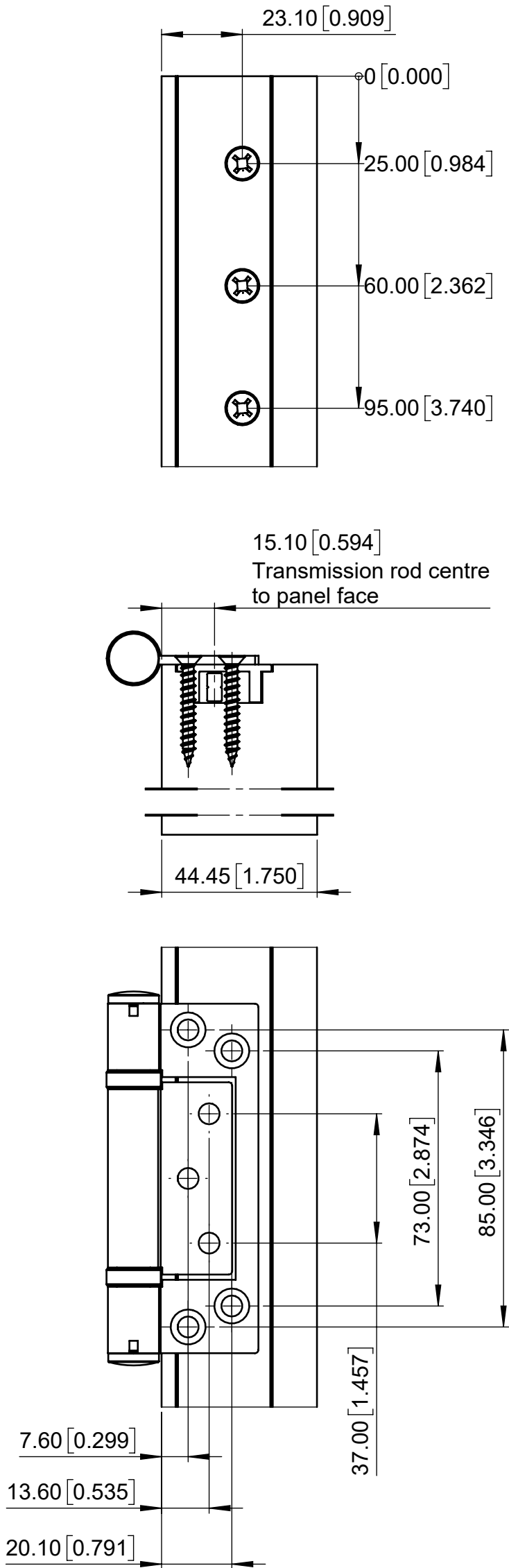
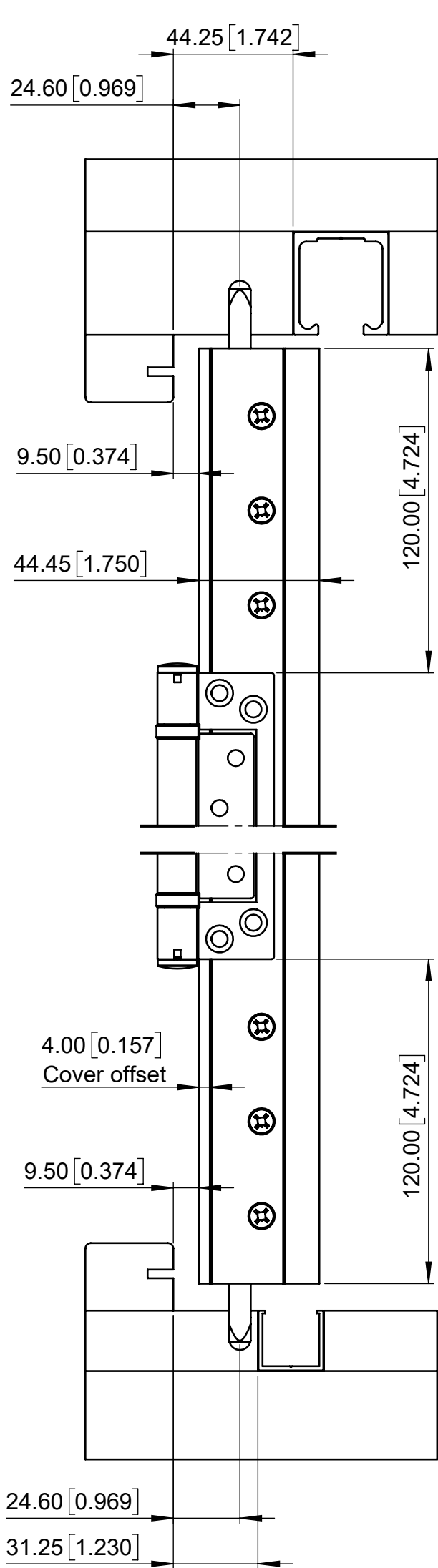
## Handles and lock cylinders

Panel thickness	Opening	Handle		Cylinder
		Double handle keyed	Single handle non-keyed	
1 3/4"	Outward	TPL-001-AE-*	TPL-002-C-*	TPL-019-*
	Inward	n/a	TPL-002-G-*	n/a
2 1/4"	Outward	TPL-001-EG-*	TPL-002-G-*	TPL-020-*
	Inward	n/a	TPL-002-I-*	n/a

ARCHITECTURAL DETAIL

Centor E2 folding hardware

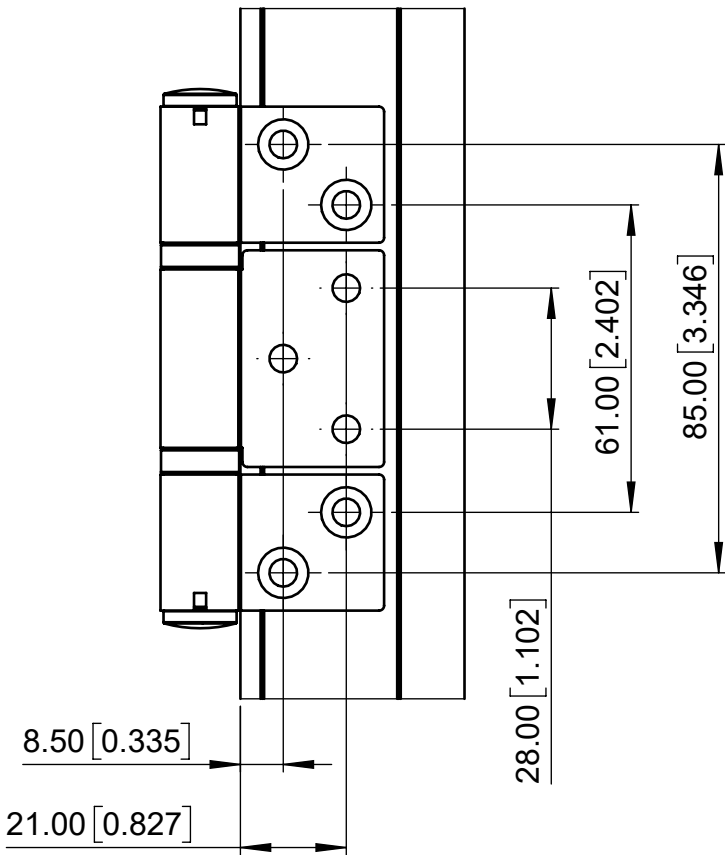
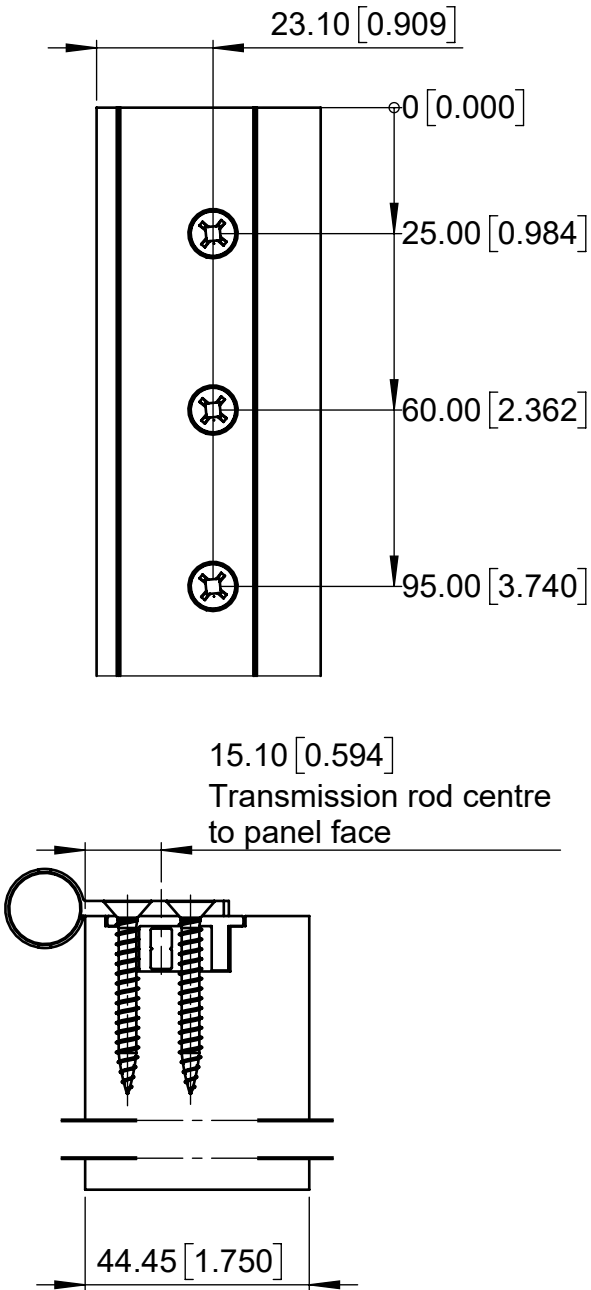
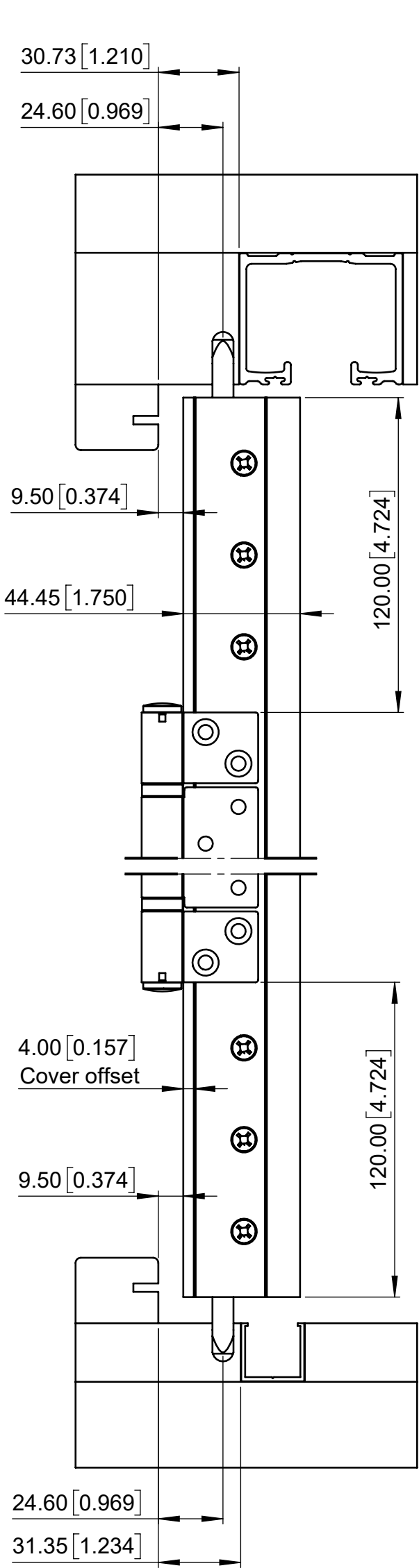
Panel	1 3/4"
Head	14TA
Sill	E22FCR
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor E3 folding hardware

Panel	1 3/4"
Head	E3TA
Sill	E22FCR
Perimeter seal	427

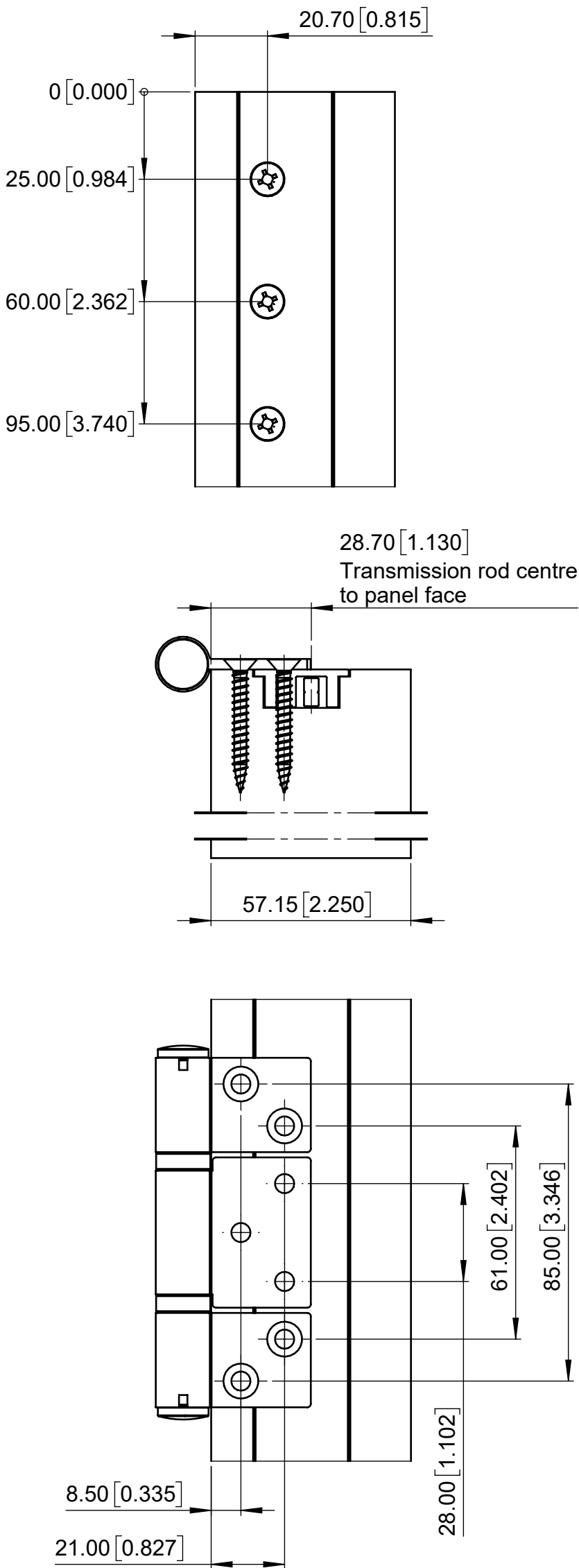
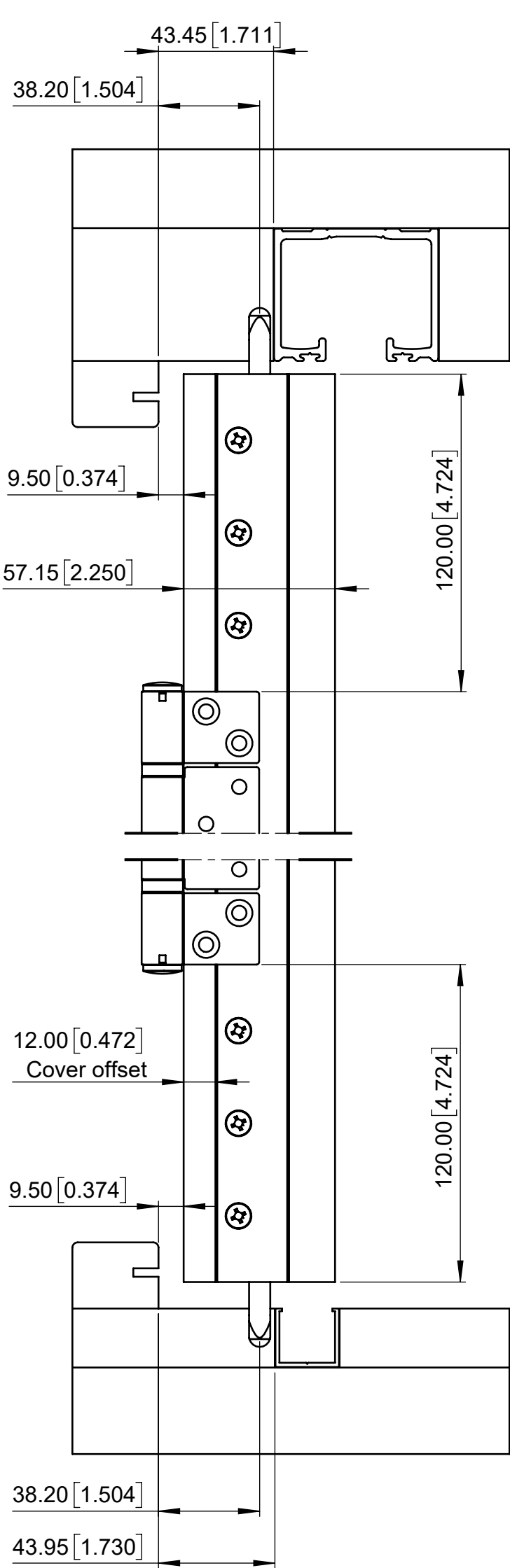




ARCHITECTURAL DETAIL

Centor E3 folding hardware

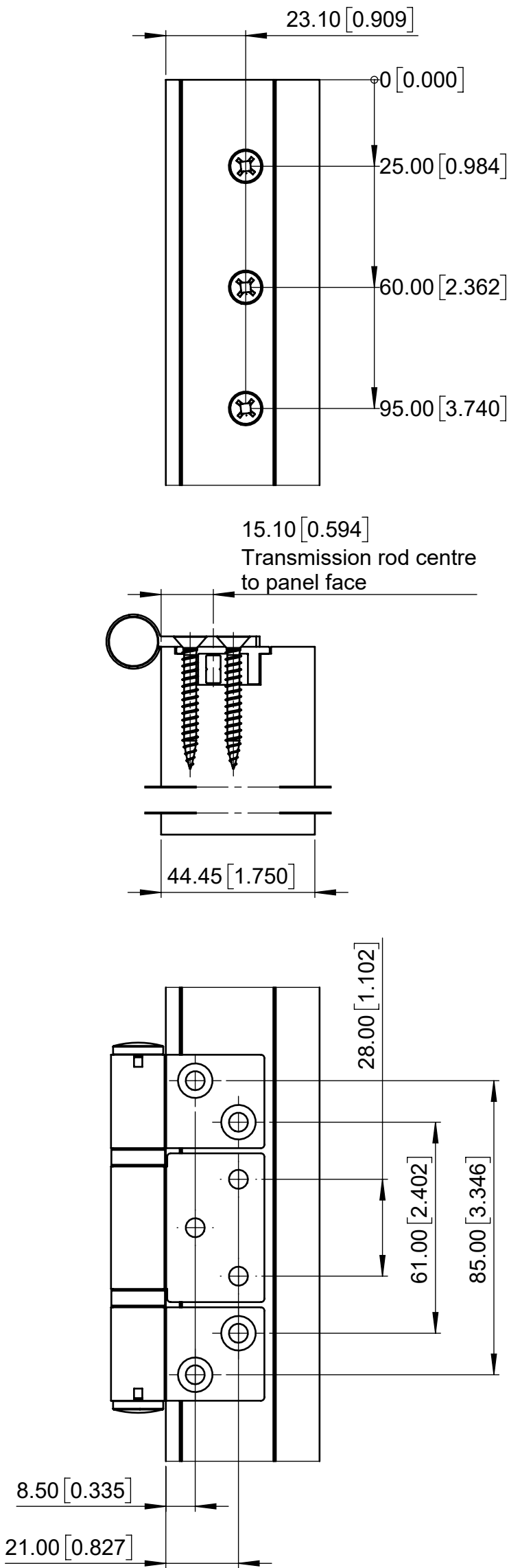
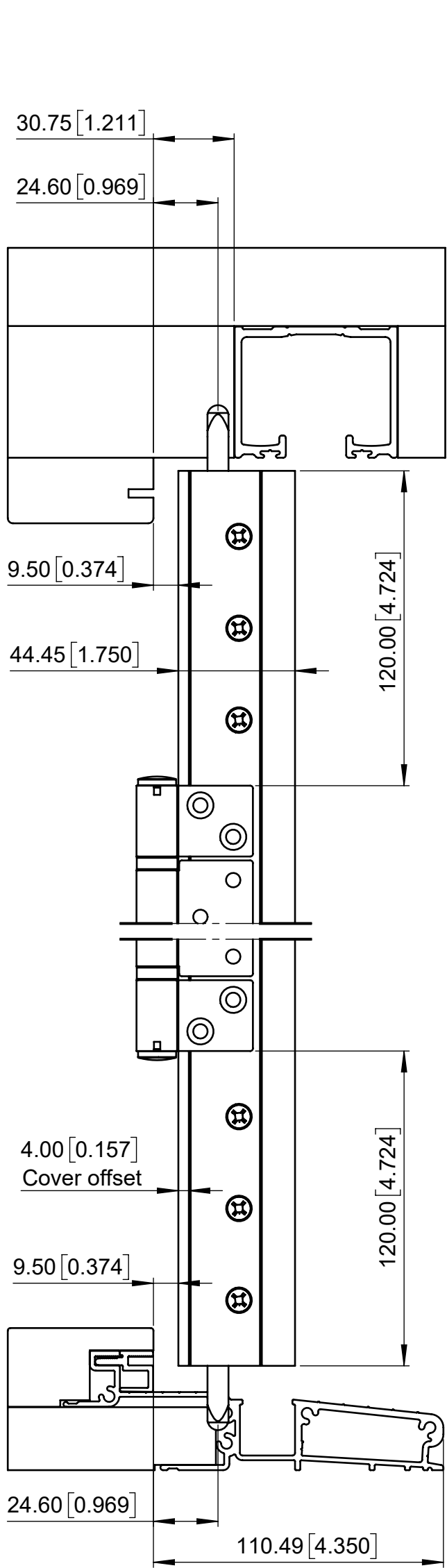
Panel	2 1/4"
Head	E3TA
Sill	E22FCR
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor E3 folding hardware

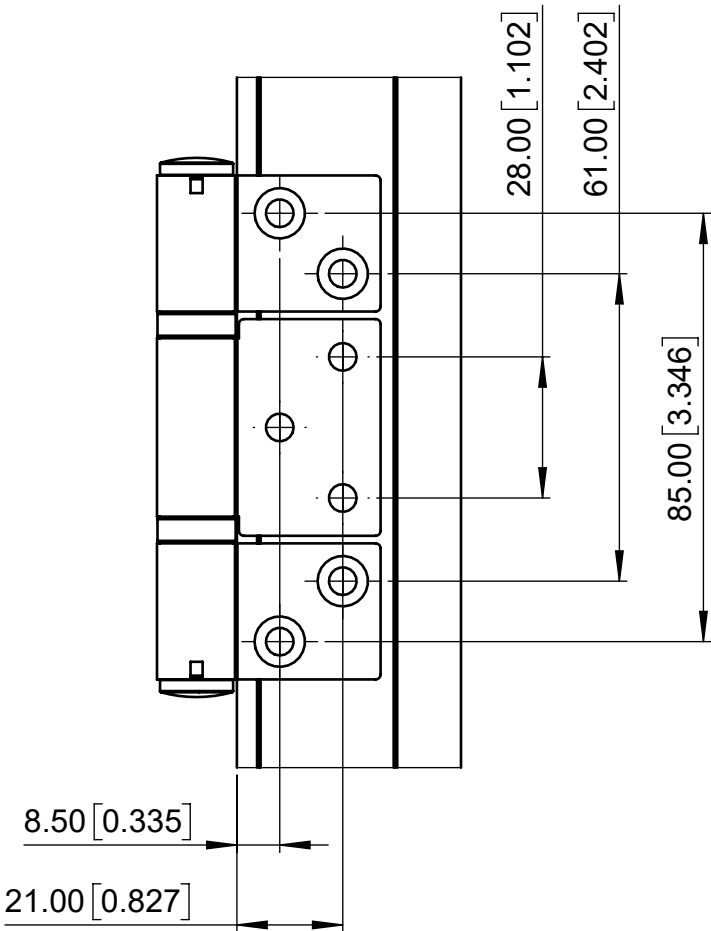
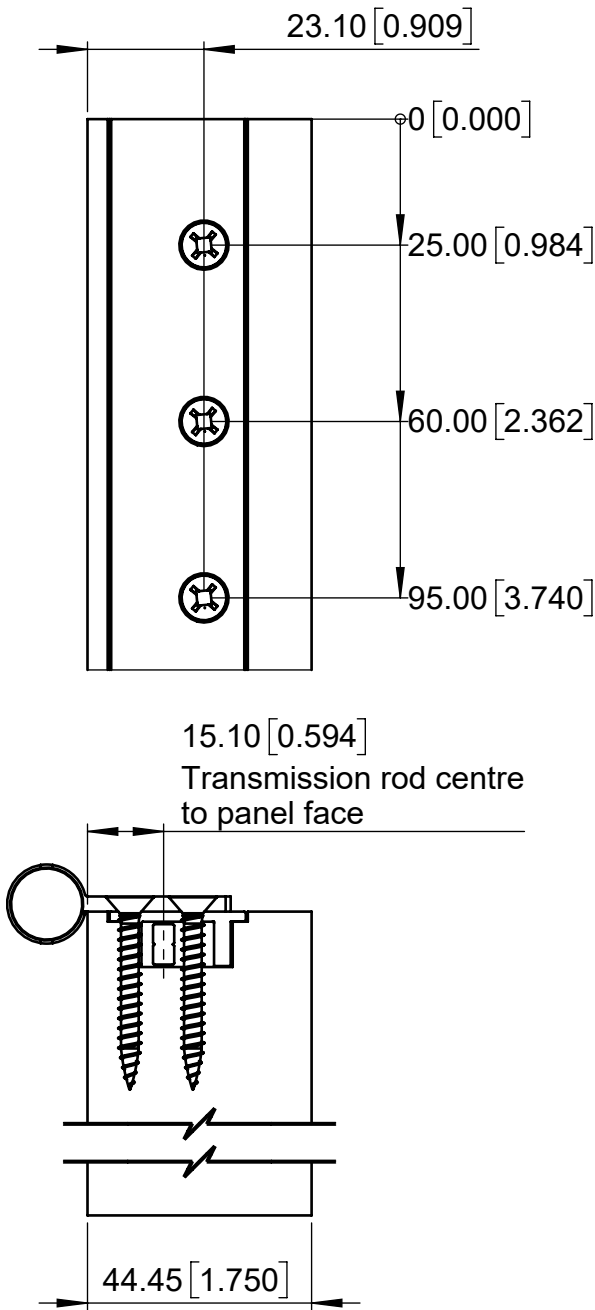
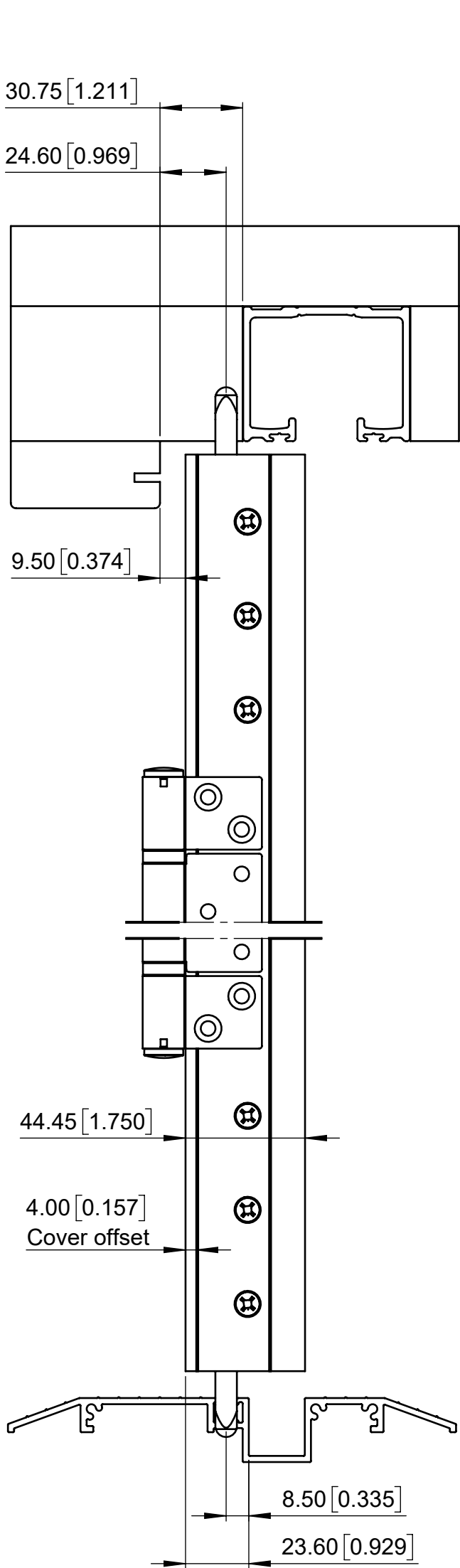
Panel	1 3/4"
Head	E3TA
Sill	E3CS
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor E3 folding hardware

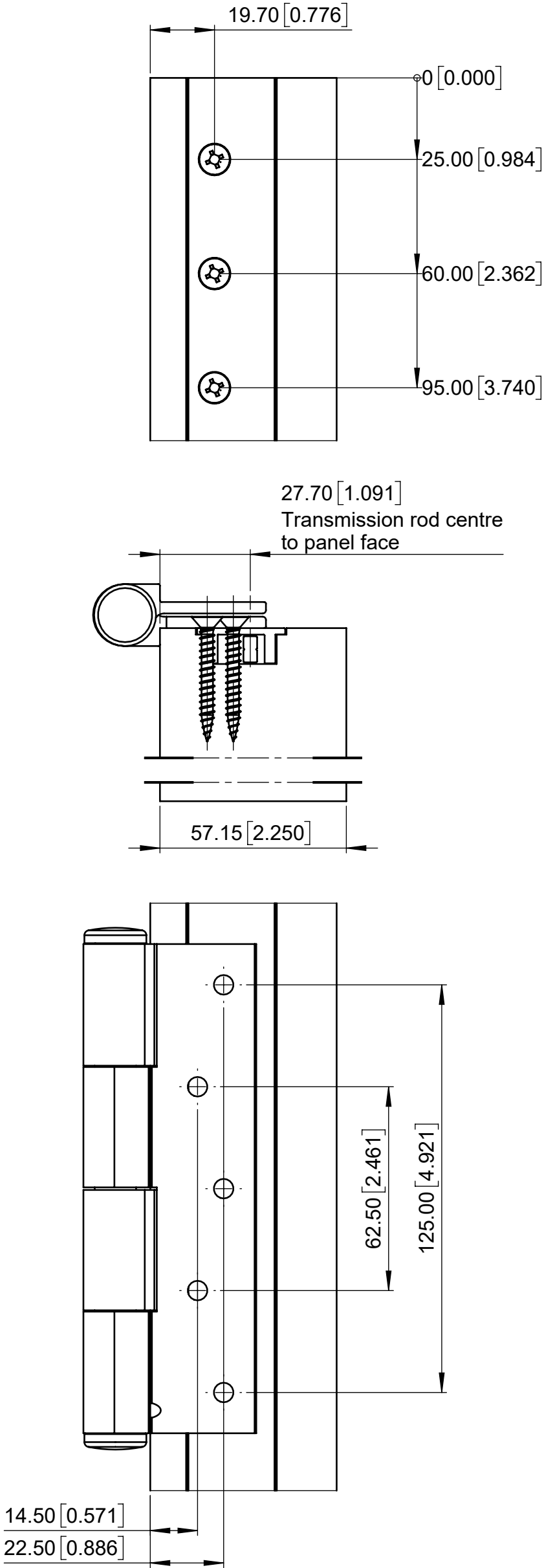
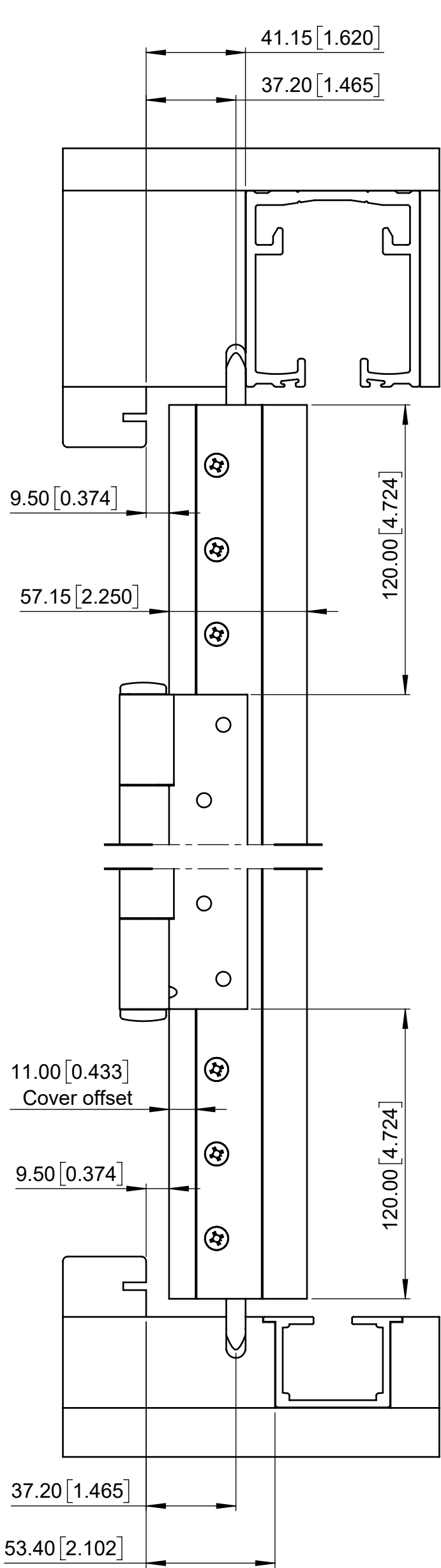
Panel	1 3/4"
Head	E3TA
Sill	E3CSLO
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor E4 folding hardware

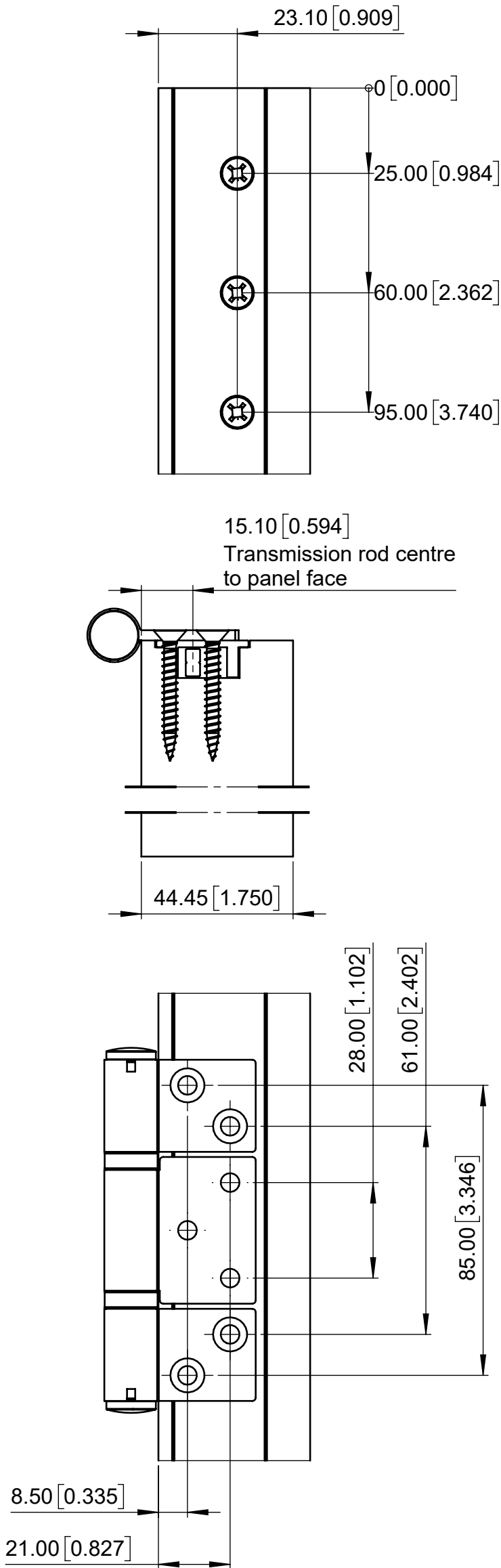
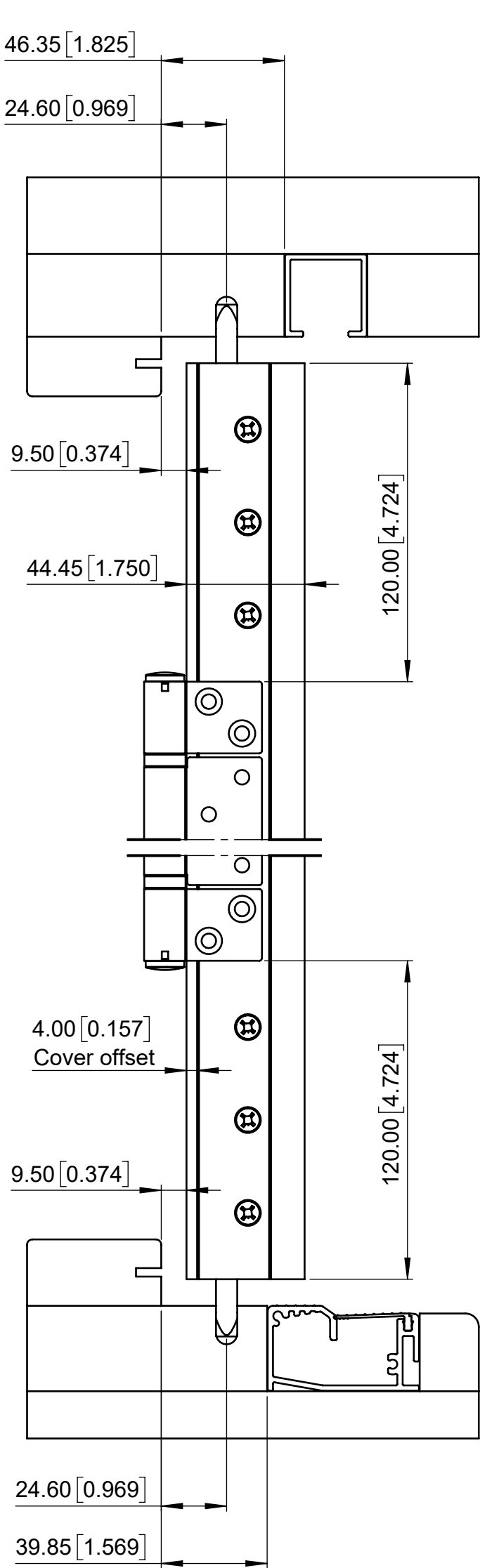
Panel	2 1/4"
Head	E4TA
Sill	E4FC
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor F3 folding hardware

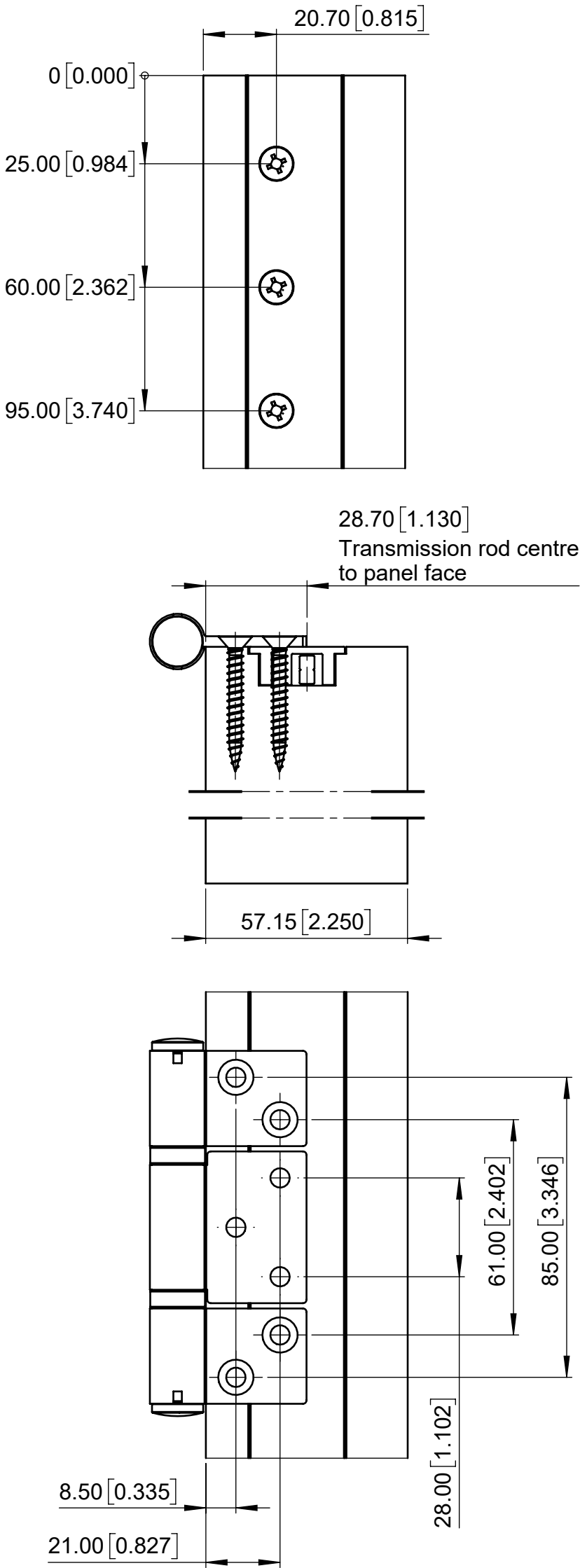
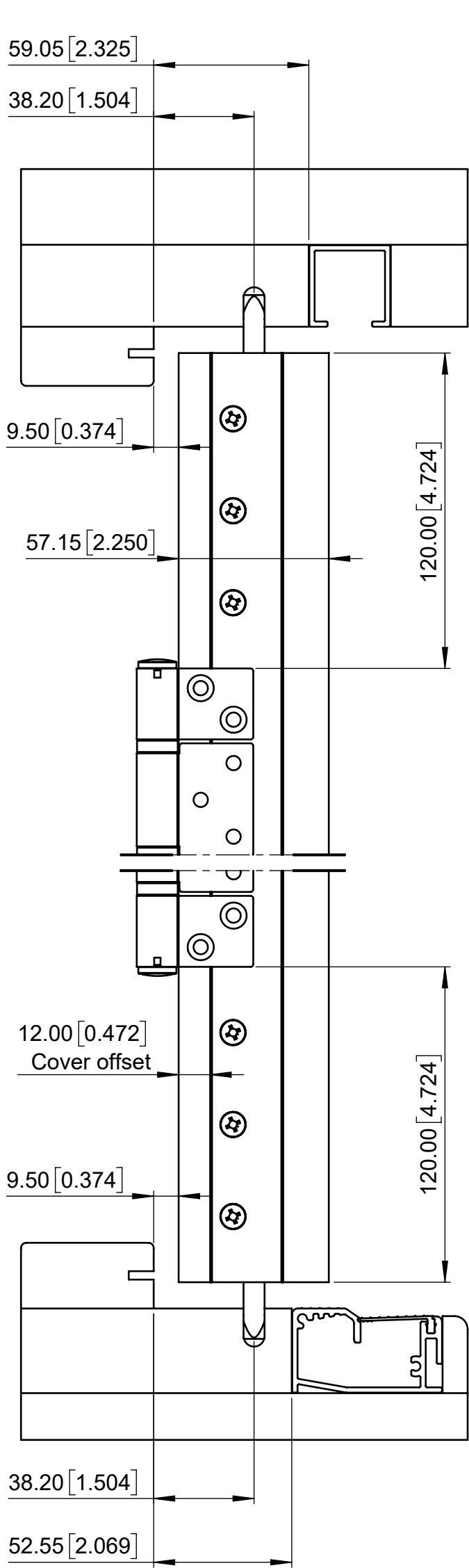
Panel	1 3/4"
Head	FR3HTS
Sill	FRSB
Perimeter seal	427



ARCHITECTURAL DETAIL

Centor F3 folding hardware

Panel	2 1/4"
Head	FR3HTC
Sill	FRSB
Perimeter seal	427



Twinpoint Gen2 - North American Wood Catalogue

5-May-23

Please note: Twinpoint Gen2 Discount Structure Applies

Part	Item number	Item name
------	-------------	-----------

Single handles - non-keyed

Contents  
1 x handle set, 1 x gasket, 2 x mounting screws

Outward opening

1 3/4" thick panel

- |              |   |
|--------------|---|
| TPL-002-C-S  | Single handle H01, 7", non-keyed, brushed stainless |
| TPL-002-C-OL | Single handle H01, 7", non-keyed, PVD bronze        |

2 1/4" thick panel

- |              |   |
|--------------|---|
| TPL-002-G-S  | Single handle H01, 7", non-keyed, brushed stainless |
| TPL-002-G-OL | Single handle H01, 7", non-keyed, PVD bronze        |

Inward opening

1 3/4" thick panel

- |              |   |
|--------------|---|
| TPL-002-G-S  | Single handle H01, 7", non-keyed, brushed stainless |
| TPL-002-G-OL | Single handle H01, 7", non-keyed, PVD bronze        |

2 1/4" thick panel

- |              |   |
|--------------|---|
| TPL-002-I-S  | Single handle H01, 7", non-keyed, brushed stainless |
| TPL-002-I-OL | Single handle H01, 7", non-keyed, PVD bronze        |

Note: The same handle is used on 2 1/4" outward and 1 3/4" inward opening panels

Double handles - keyed

Contents  
1 x internal handle set, 1 x external handle set, 2 x gaskets, 3 x mounting screws

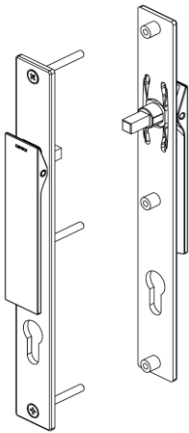
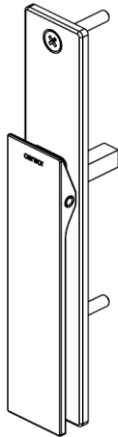
Outward opening

1 3/4" thick panel

- |               |  |
|---------------|--|
| TPL-001-AE-S  | Double handle H01, 11", keyed, brushed stainless |
| TPL-001-AE-OL | Double handle H01, 11", keyed, PVD bronze        |

2 1/4" thick panel

- |               |  |
|---------------|--|
| TPL-001-EG-S  | Double handle H01, 11", keyed, brushed stainless |
| TPL-001-EG-OL | Double handle H01, 11", keyed, PVD bronze        |





# Twinpoint Gen2 - North American Wood Catalogue

5-May-23

Please note: Twinpoint Gen2 Discount Structure Applies

Part	Item number	Item name
------	-------------	-----------

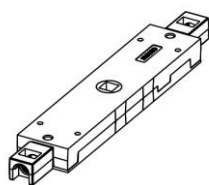
## Lock bodies

### Contents

1 x lock body

### For single handle

#### Non-keyed

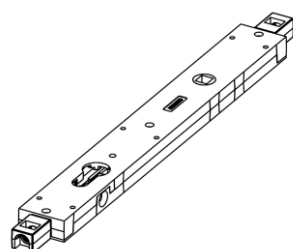


TPL-004

Lock body to suit single handle 7", non-keyed

### For double handle

#### Keyed



TPL-003

Lock body to suit double handle 11", keyed

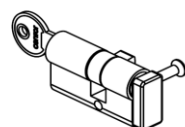
## Key-knob lock cylinders

### Contents

1 x cylinder, 3 x 5-pin keys, 1 x 20mm long cylinder screw

### Outward opening 1 3/4" thick panel

#### Left hand



TPL-019-L-US15

Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), left hand, satin nickle

TPL-019-L-MB

Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), left hand, matt black

#### Right hand

TPL-019-R-US15

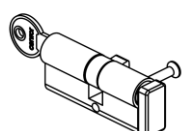
Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), right hand, satin nickle

TPL-019-R-MB

Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), right hand, matt black

### Outward opening 2 1/4" thick panel

#### Left hand



TPL-020-L-US15

Lock cylinder Euro Key-Knob schlage 67 (36.5-30.5), left hand, satin nickle

TPL-020-L-MB

Lock cylinder Euro Key-Knob schlage 67 (36.5-30.5), left hand, matt black

#### Right hand

TPL-020-R-US15

Lock cylinder Euro Key-Knob schlage 67 (36.5-30.5), right hand, satin nickle

TPL-020-R-MB

Lock cylinder Euro Key-Knob schlage 67 (36.5-30.5), right hand, matt black

## Twinpoint Gen2 - North American Wood Catalogue

5-May-23

Please note: Twinpoint Gen2 Discount Structure Applies

Part	Item number	Item name
------	-------------	-----------

## Transmission rod sets

*Contents*

*1 x lock body cover, 2 x covers same length (top & bottom),  
2 x transmission rods with bolt attached (one short, one long),  
4 x pop rivets, 1 x drill jig, 1 x screw pack*

8' high panel

TPL-005-24-XS Transmission rod set wood panels, quadrex, 36" handle 8' panel brushed metallic  
TPL-005-24-LY Transmission rod set wood panels, quadrex, 36" handle 8' panel black

10' high panel

TPL-005-30-XS Transmission rod set wood panels, quadrex, 36" handle 10' panel brushed metallic  
TPL-005-30-LY Transmission rod set wood panels, quadrex, 36" handle 10' panel black

13' high panel

TPL-005-40-XS Transmission rod set wood panels, quadrex, 36" handle 13' panel brushed metallic  
TPL-005-40-LY Transmission rod set wood panels, quadrex, 36" handle 13' panel black



## Transmission rod adaptors

*Contents*

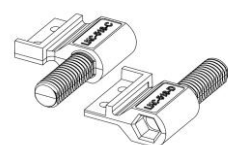
*bag of 1 - 1 pair of rod adaptors  
bag of 20 - 20 pairs of rod adaptors*

1.575" backset

TPL-015-CD-01 Transmission rod adaptors 1.575" backset (bag of 1)  
TPL-015-CD-20 Transmission rod adaptors 1.575" backset (bag of 20)

1.969" backset

TPL-015-EF-01 Transmission rod adaptors 1.969" backset (bag of 1)  
TPL-015-EF-20 Transmission rod adaptors 1.969" backset (bag of 20)

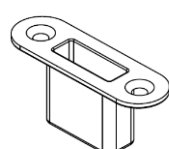


## Bolt cup

*Contents*

*bag of 1 - 1 x bolt cup, 2 x mounting screws  
bag of 20 - 20 x bolt cups, 40 x mounting screws*

TPL-017-OL-01 Bolt cup kit 5/16" PVD bronze (bag of 1)  
TPL-017-OL-20 Bolt cup kit 5/16" PVD bronze (bag of 20)  
TPL-017-S-01 Bolt cup kit 5/16" stainless steel (bag of 1)  
TPL-017-S-20 Bolt cup kit 5/16" stainless steel (bag of 20)

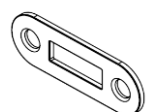


## Strike plates

*Contents*

*bag of 1 - 1 x strike plate, 2 x mounting screws  
bag of 20 - 20 x strike plates, 40 x mounting screws*

TPL-018-OL-01 Strike plate kit 5/16" PVD Bronze (bag of 1)  
TPL-018-OL-20 Strike plate kit 5/16" PVD Bronze (bag of 20)  
TPL-018-S-01 Strike plate kit 5/16" stainless steel (bag of 1)  
TPL-018-S-20 Strike plate kit 5/16" stainless steel (bag of 20)



**Centor North America**

866 255 0008  
+1 630 957 1000  
customerserviceusa@centor.com  
centor.com