

TwinPoint Gen2
HOLLOW PANELS



Folding door lock with internal and external access

centor®

Download options

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

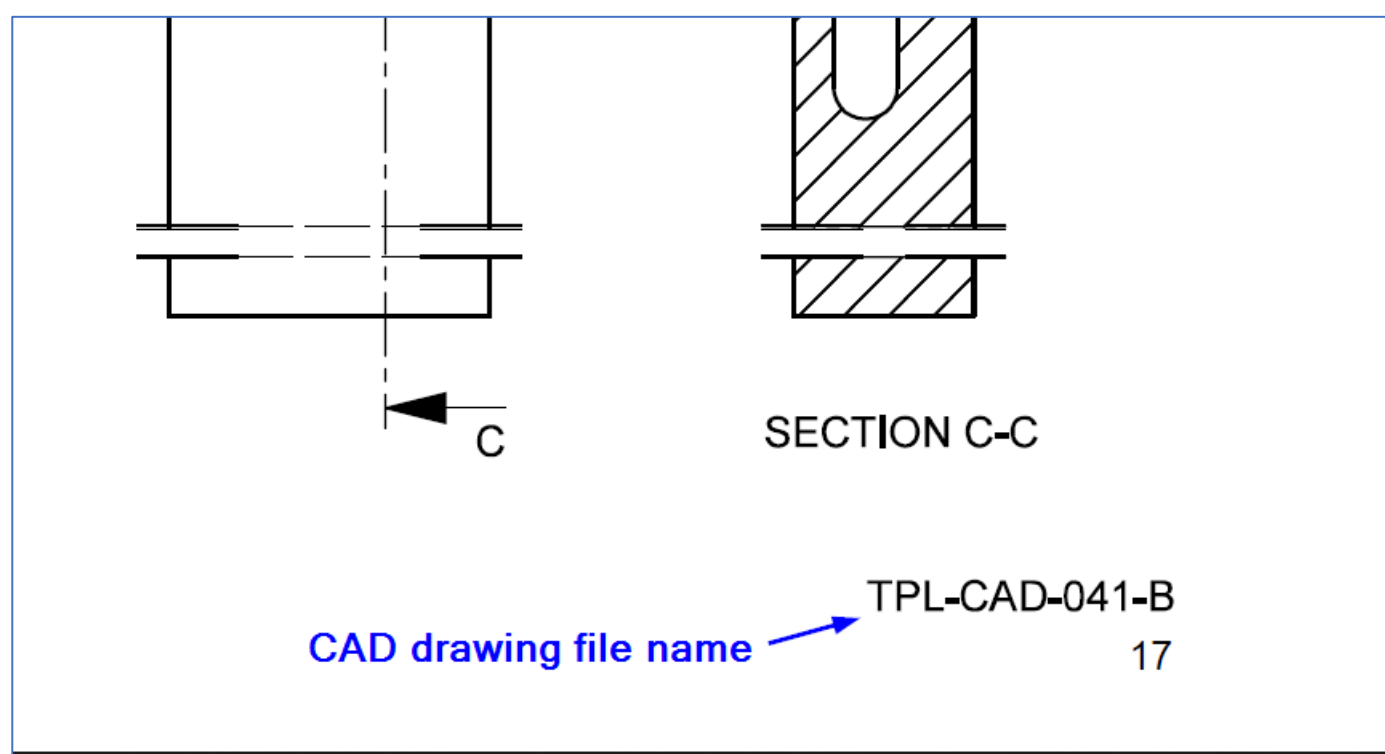
1. Bottom of the TwinPoint Gen2 website page
2. Professional section of Centor's webpage
3. This web link: [English](#) | [French](#) | [German](#) | [Greek](#) | [Italian](#) | [Polish](#) | [Spanish](#)

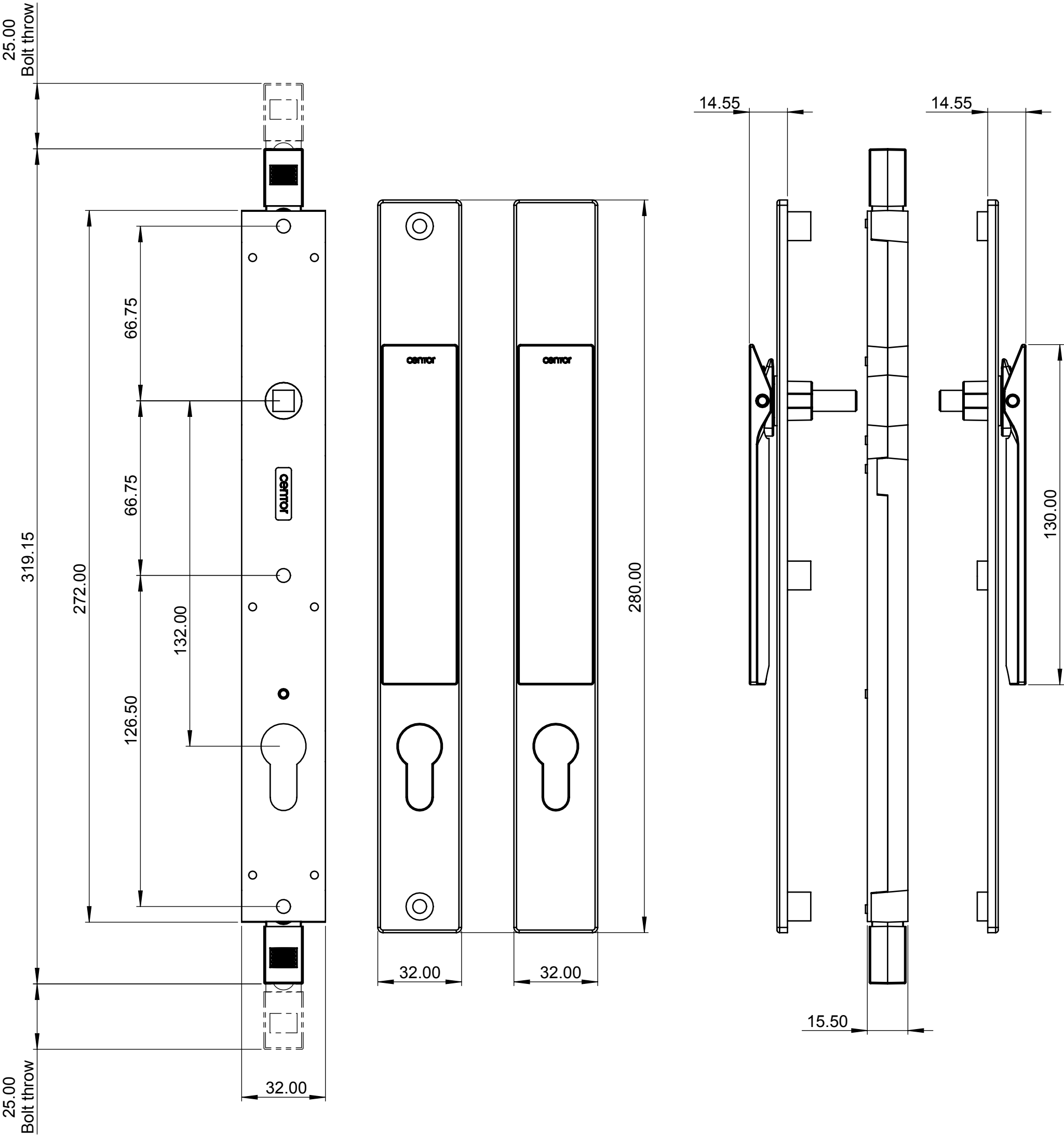
Downloads	
TwinPoint Gen2 Brochure	pdf
TwinPoint Gen2 Hollow Panels technical document	pdf
TwinPoint Gen2 Wood Panels technical document	pdf
TwinPoint Gen2 Drawings (dwg)	zip
TwinPoint Gen2 Drawings (dxf)	zip

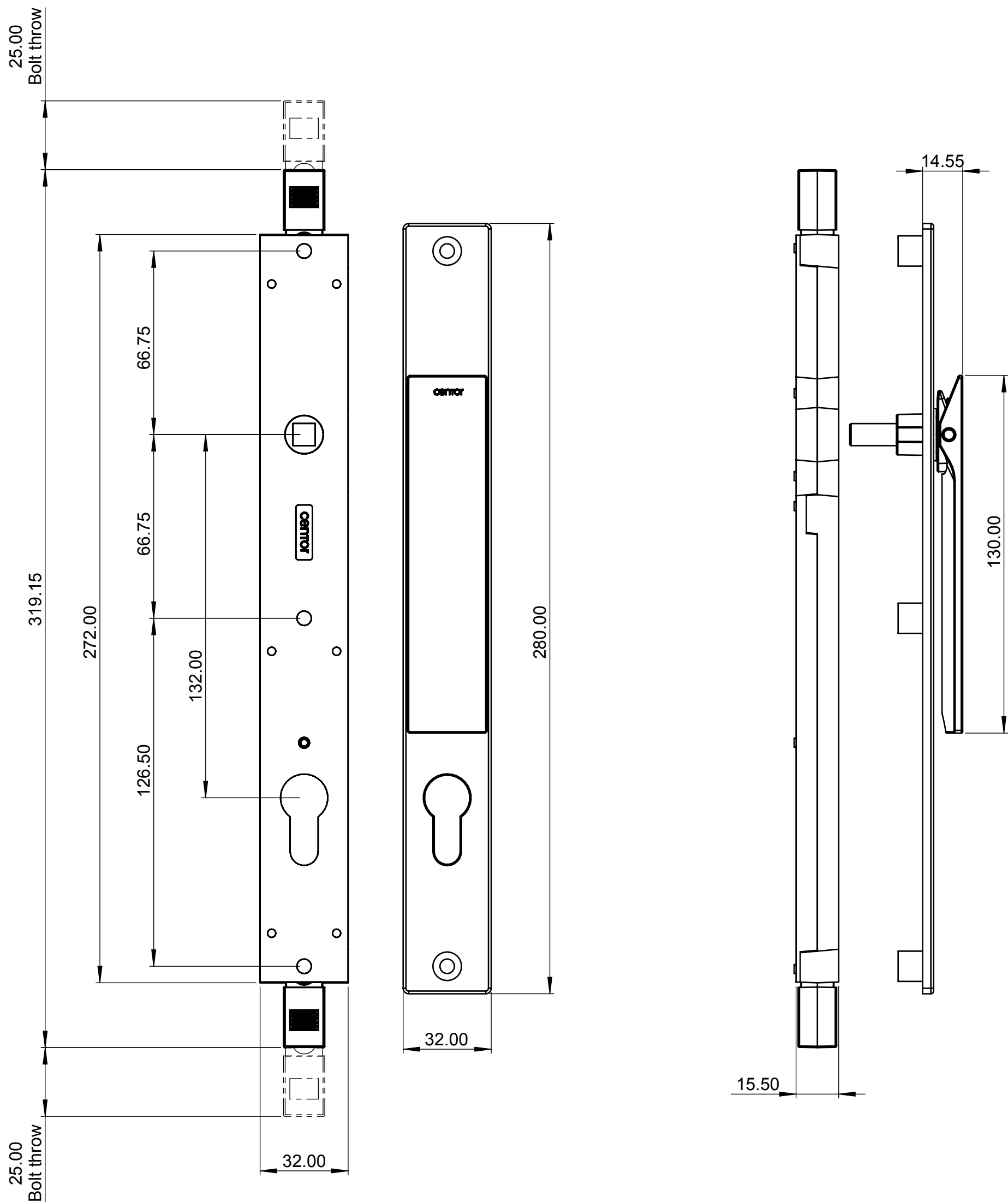
2D CAD drawing download

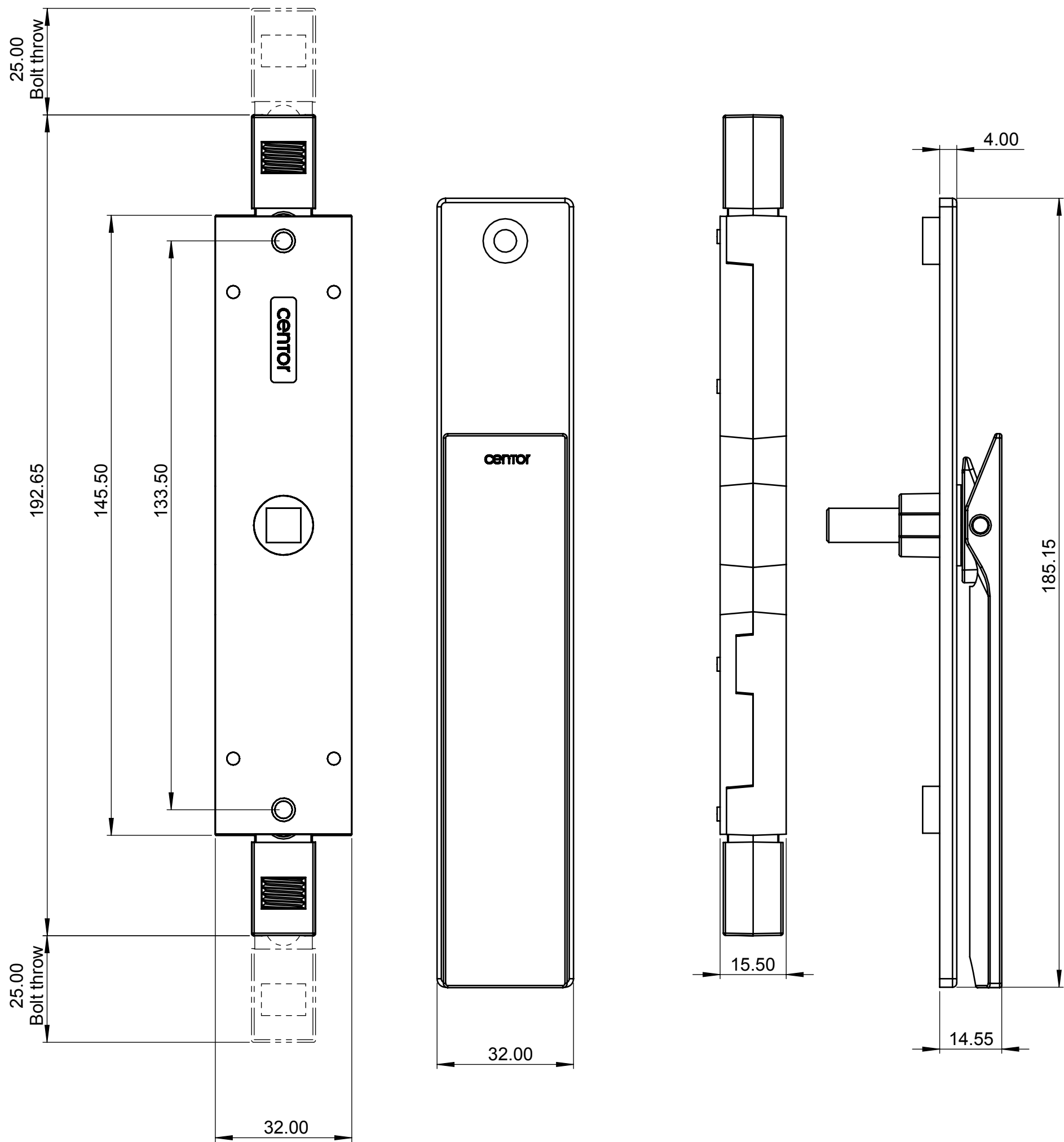
The drawings download provides a folder that contains all the drawings.

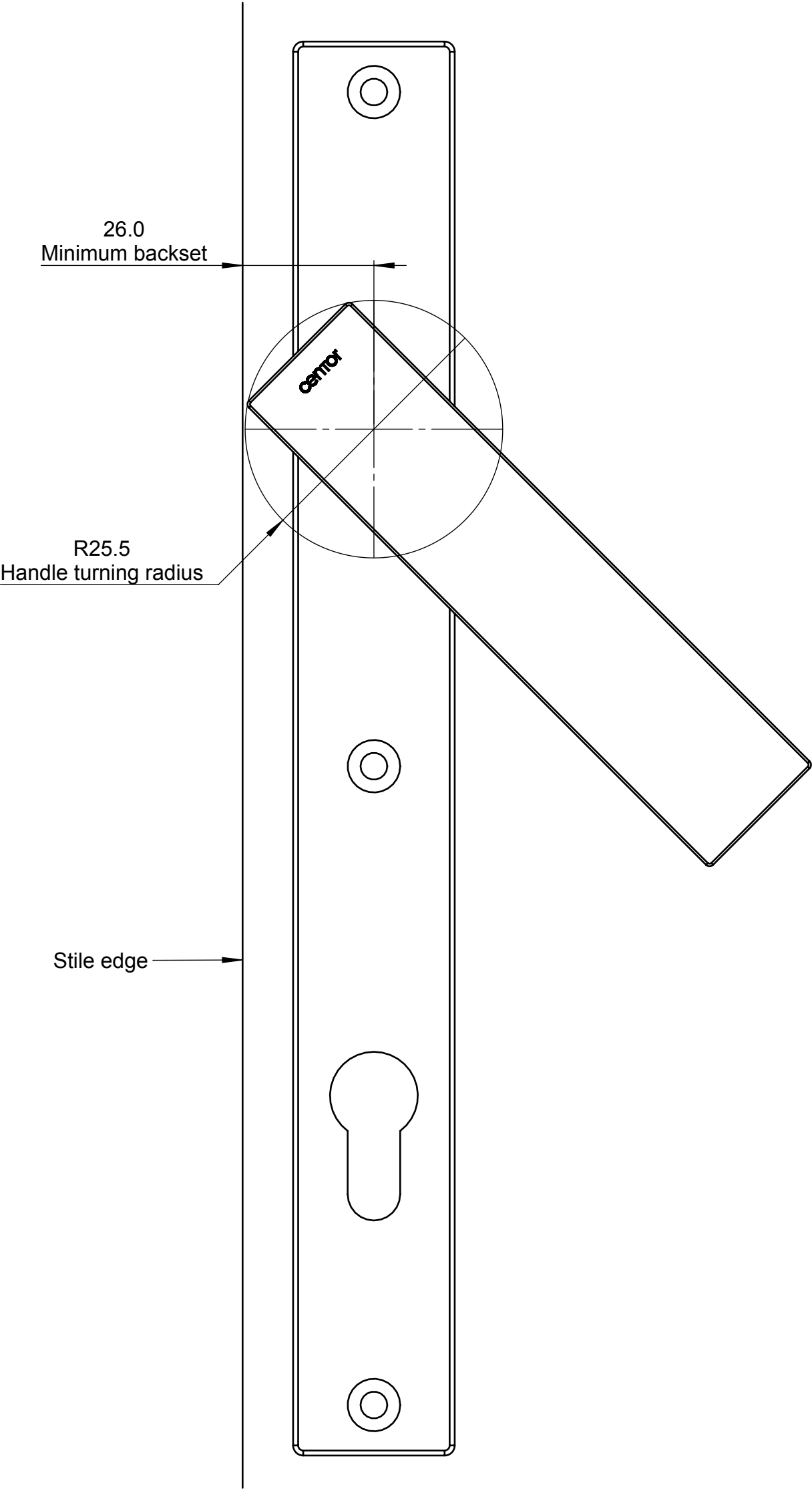
1. There are two folders. One for dwg and one for dxf.
2. Use the technical documents as an index to select the appropriate drawing. The drawing file name is printed at the bottom right corner of the page.







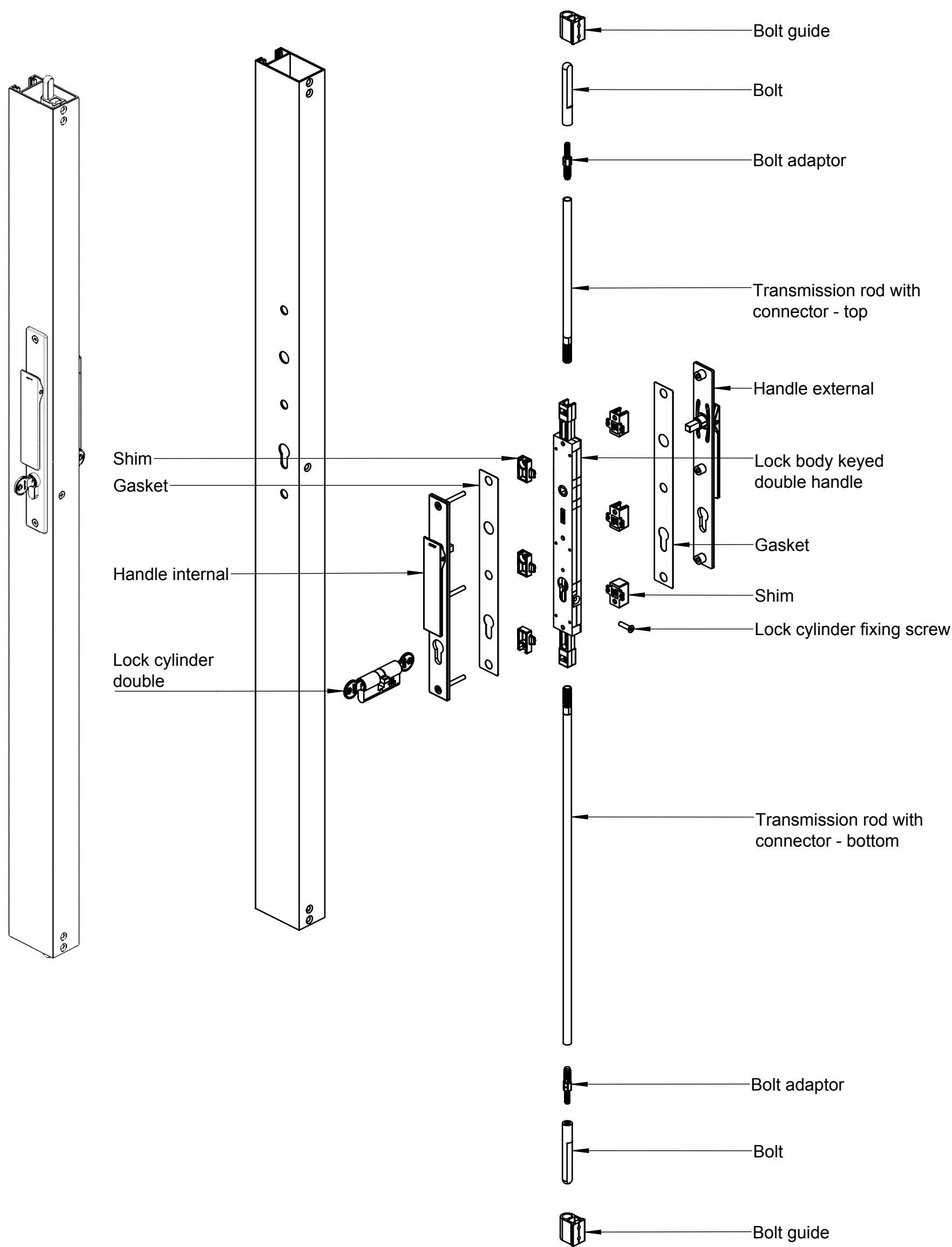




Notes:
Keyed handle shown. Same requirements apply to non-keyed version.

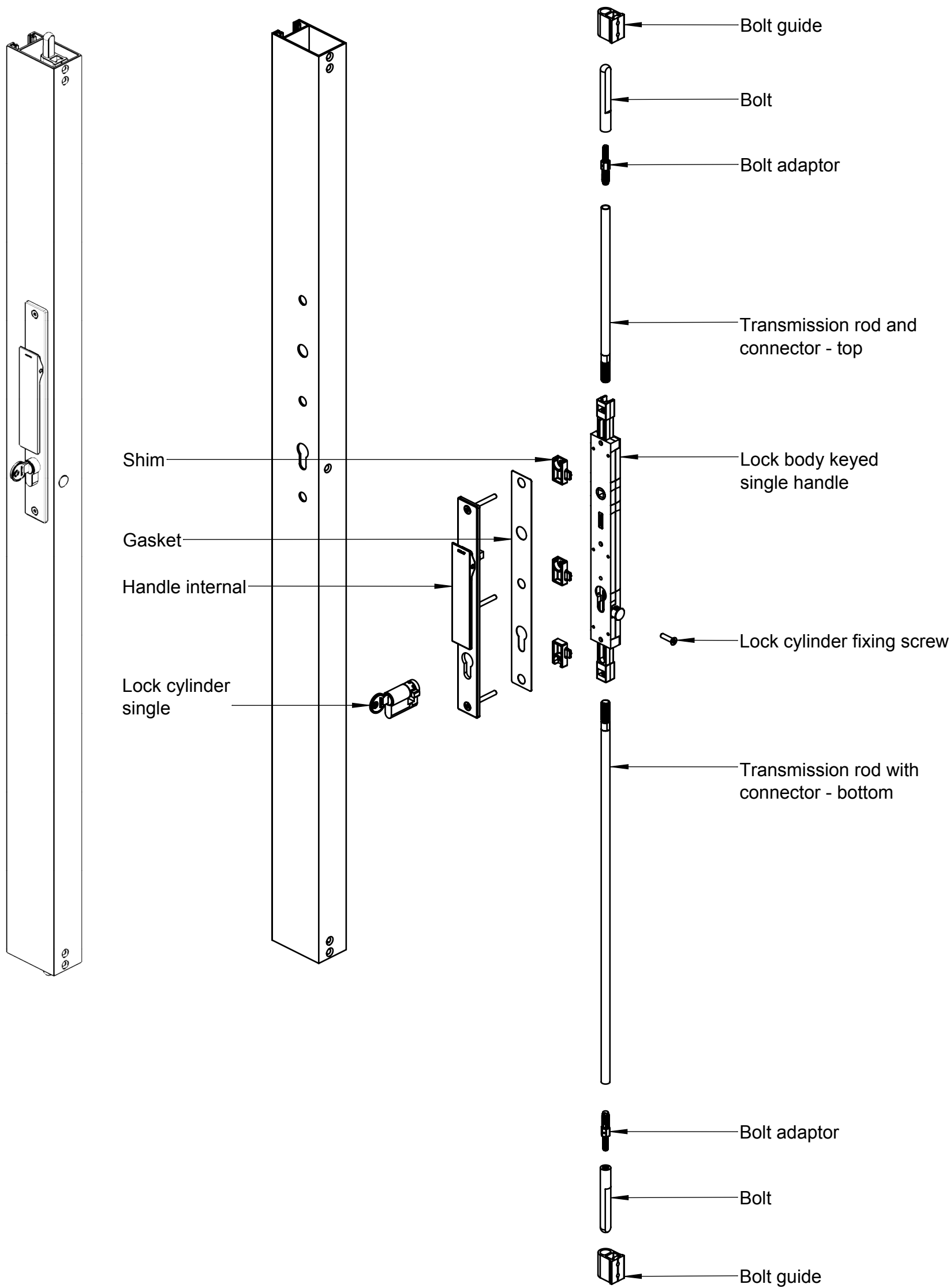
PRODUCT DETAIL

Hollow panel with TwinPoint Gen2 double handle keyed



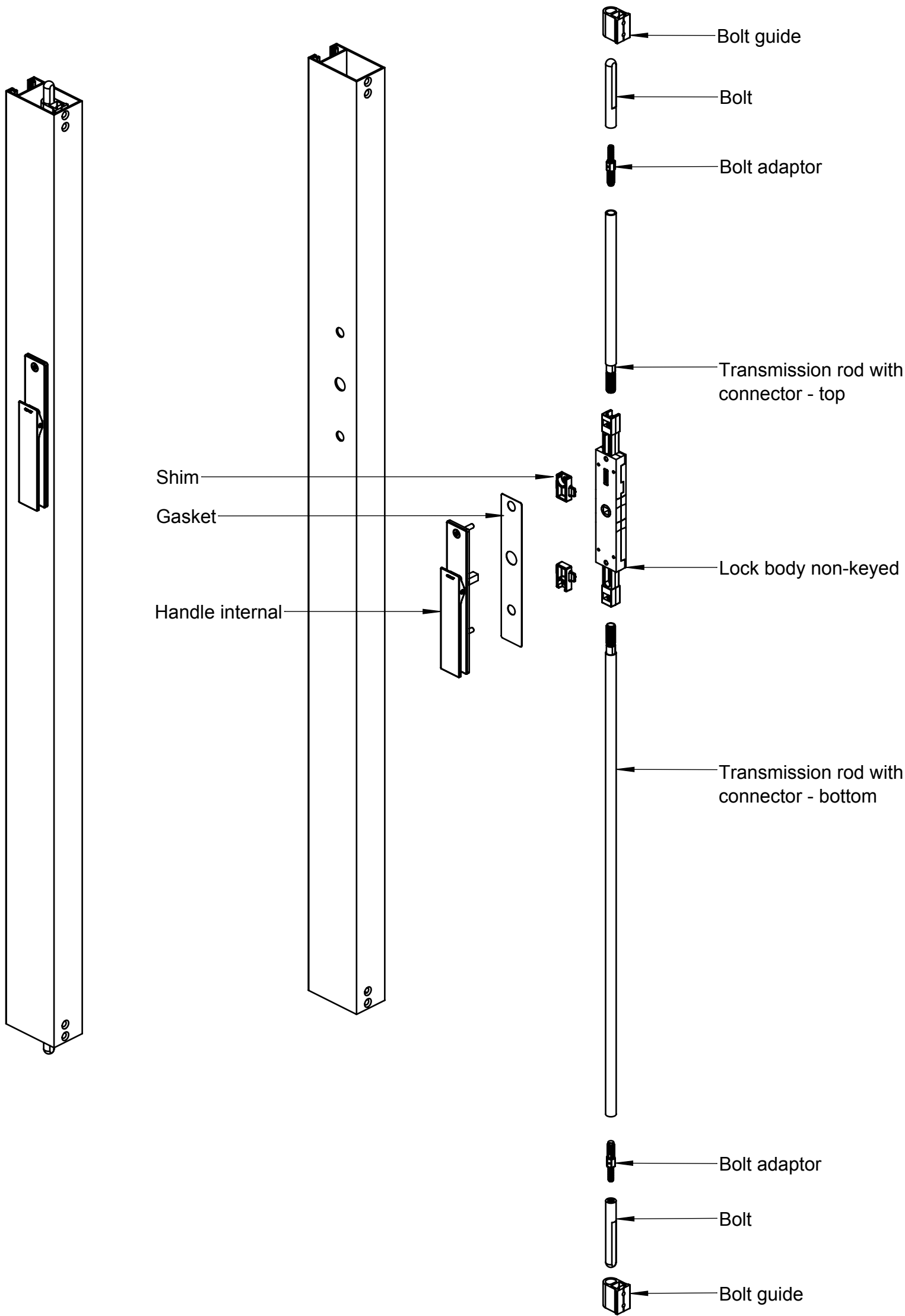
PRODUCT DETAIL

Hollow panels with TwinPoint Gen2 single handle keyed

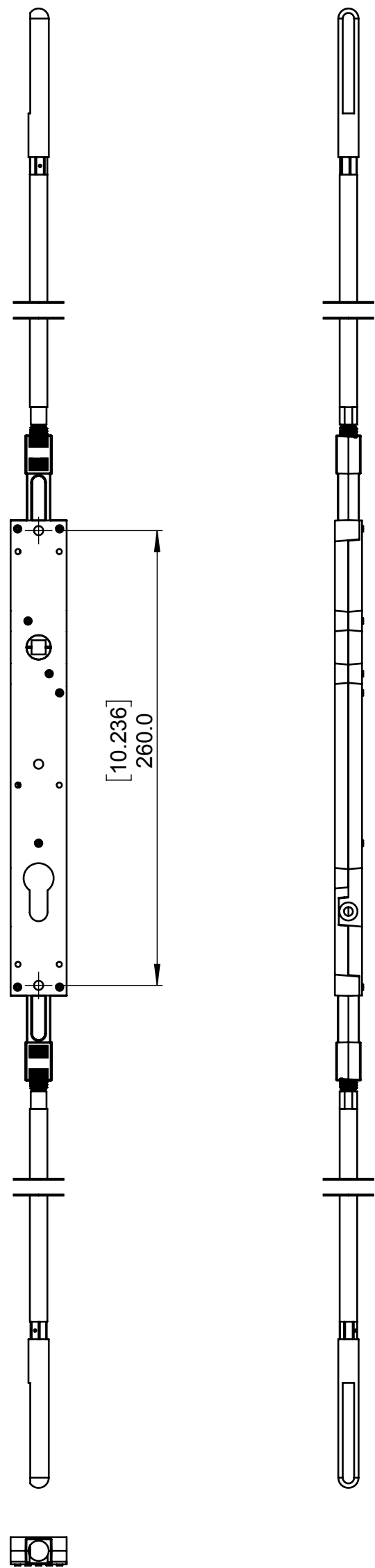


PRODUCT DETAIL

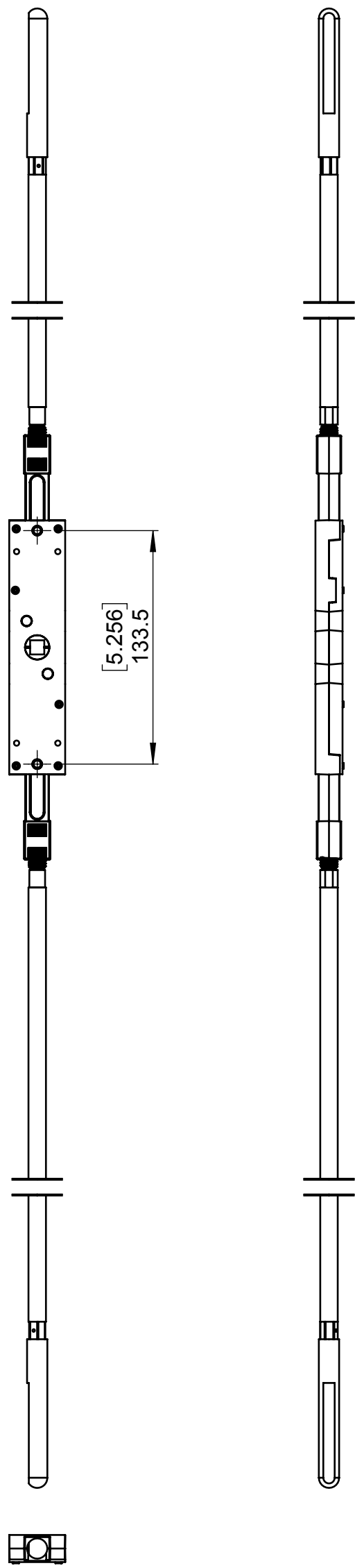
Hollow panels with TwinPoint Gen2 single handle non-keyed



Keyed



Non-keyed



Notes:
Lock shown in extended state.

TRANSMISSION ROD LENGTH FORMULA

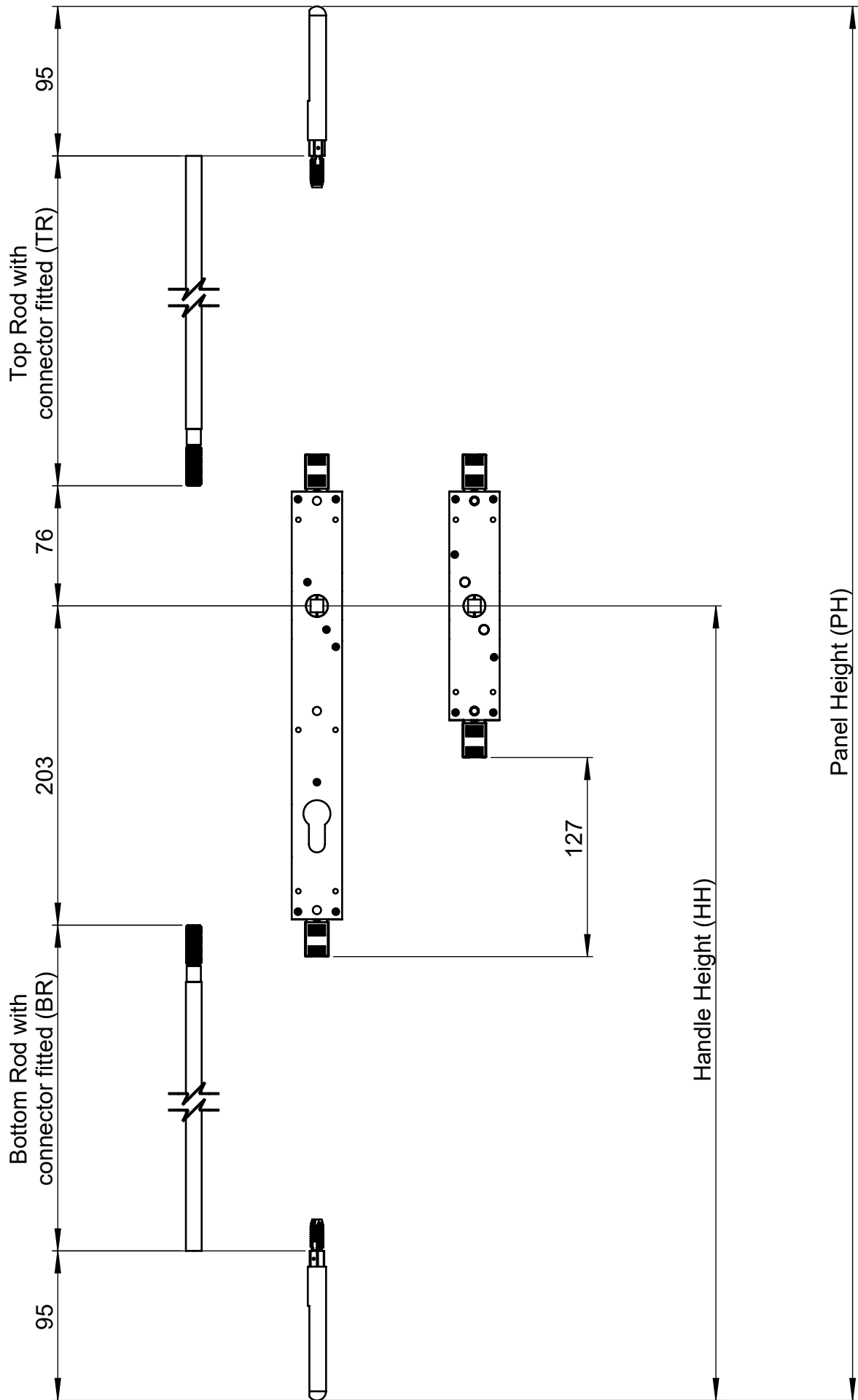
Non-keyed lock

Transmission rod with connector fitted	Top	$TR = PH - HH - 176$
	Bottom	$BR = HH - 176$
Handle height	Maximum	1100
Panel height	Minimum	508

Keyed lock

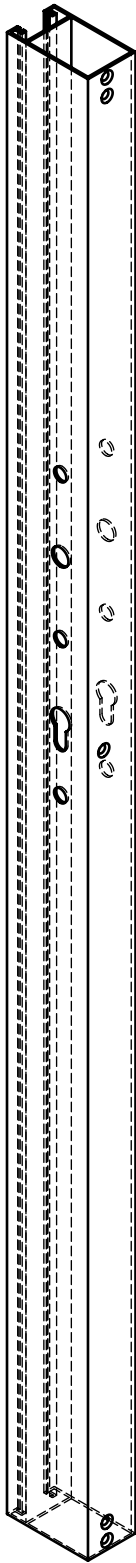
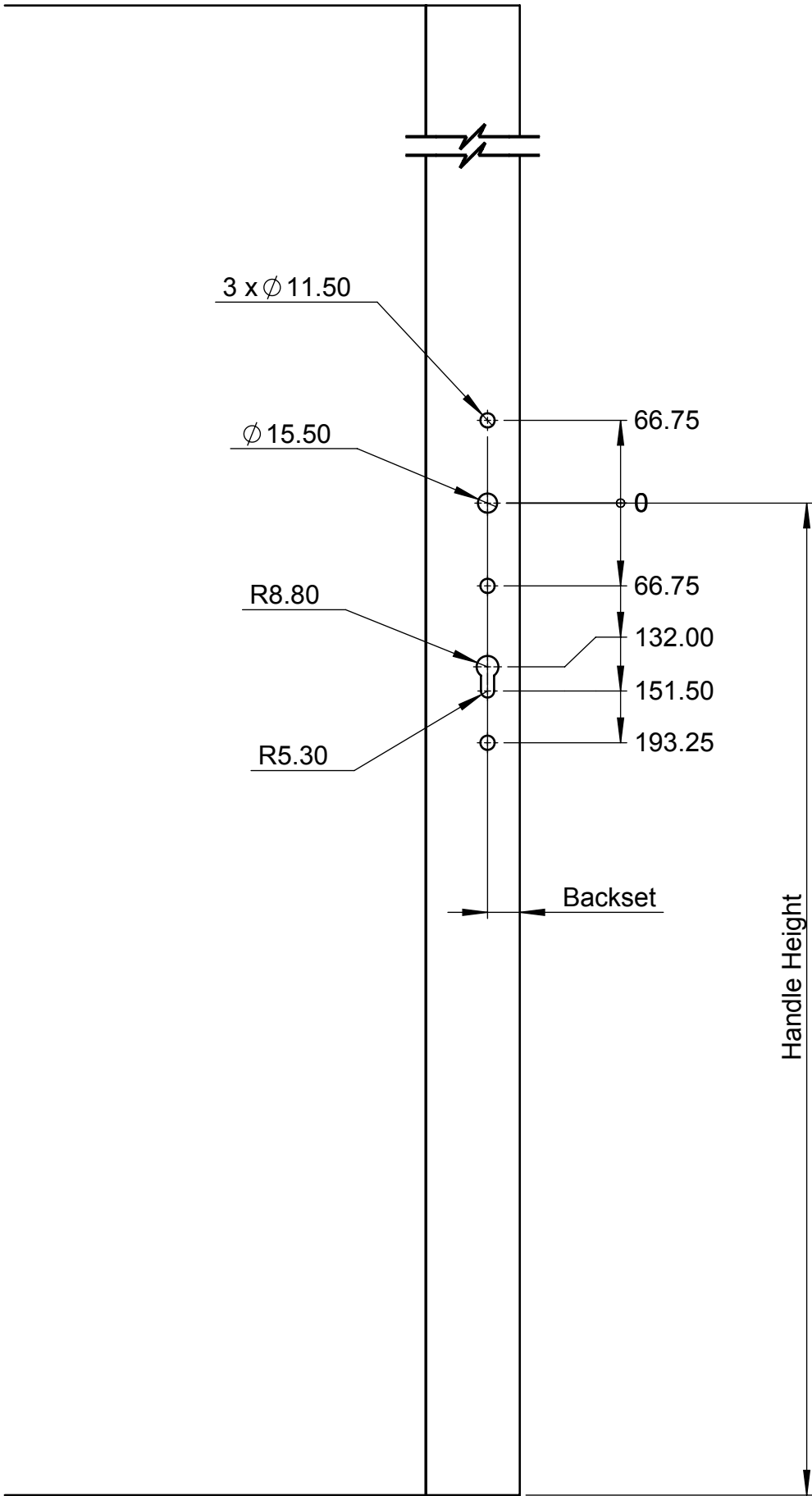
Transmission rod with connector fitted	Top	$TR = PH - HH - 176$
	Bottom	$BR = HH - 303$
Handle height	Maximum	1227
Panel height	Minimum	635

Notes:
All dimensions in mm.



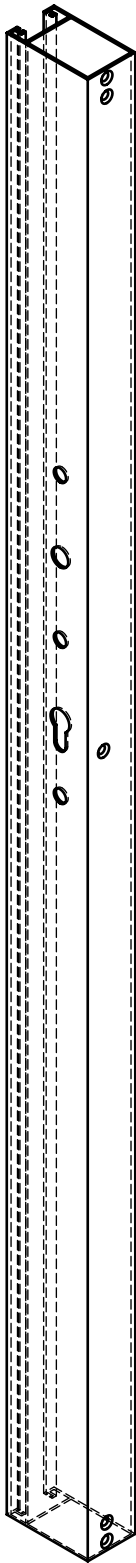
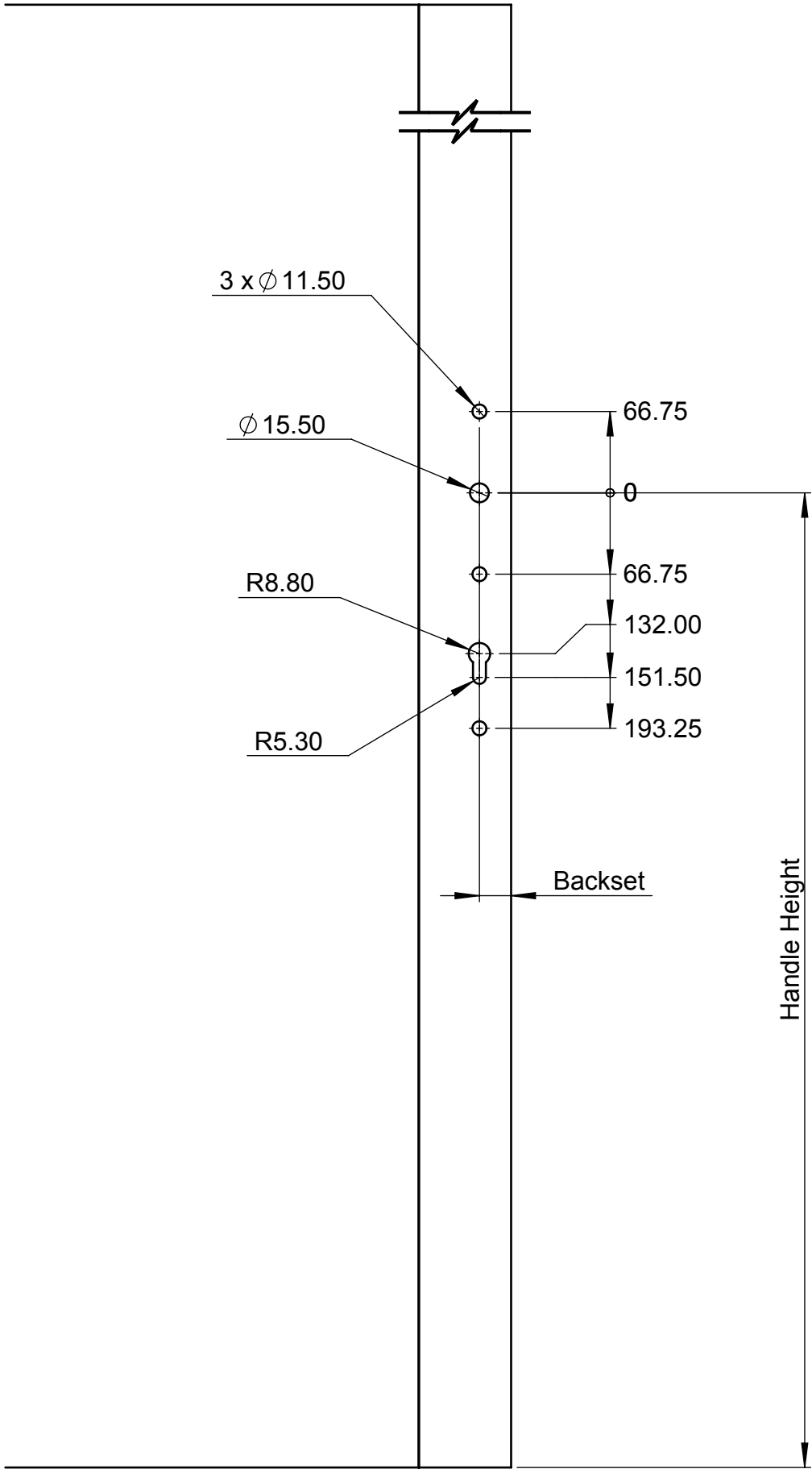
ROUTING DETAIL

Hollow panels with TwinPoint Gen2 double handle keyed



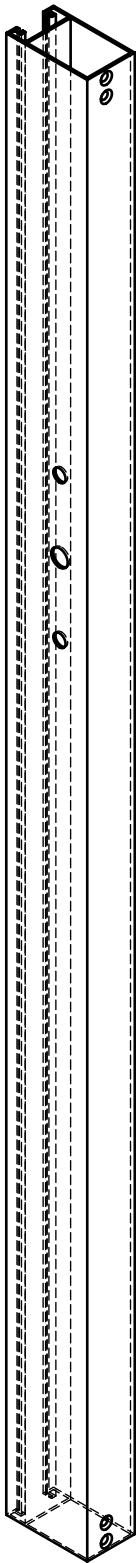
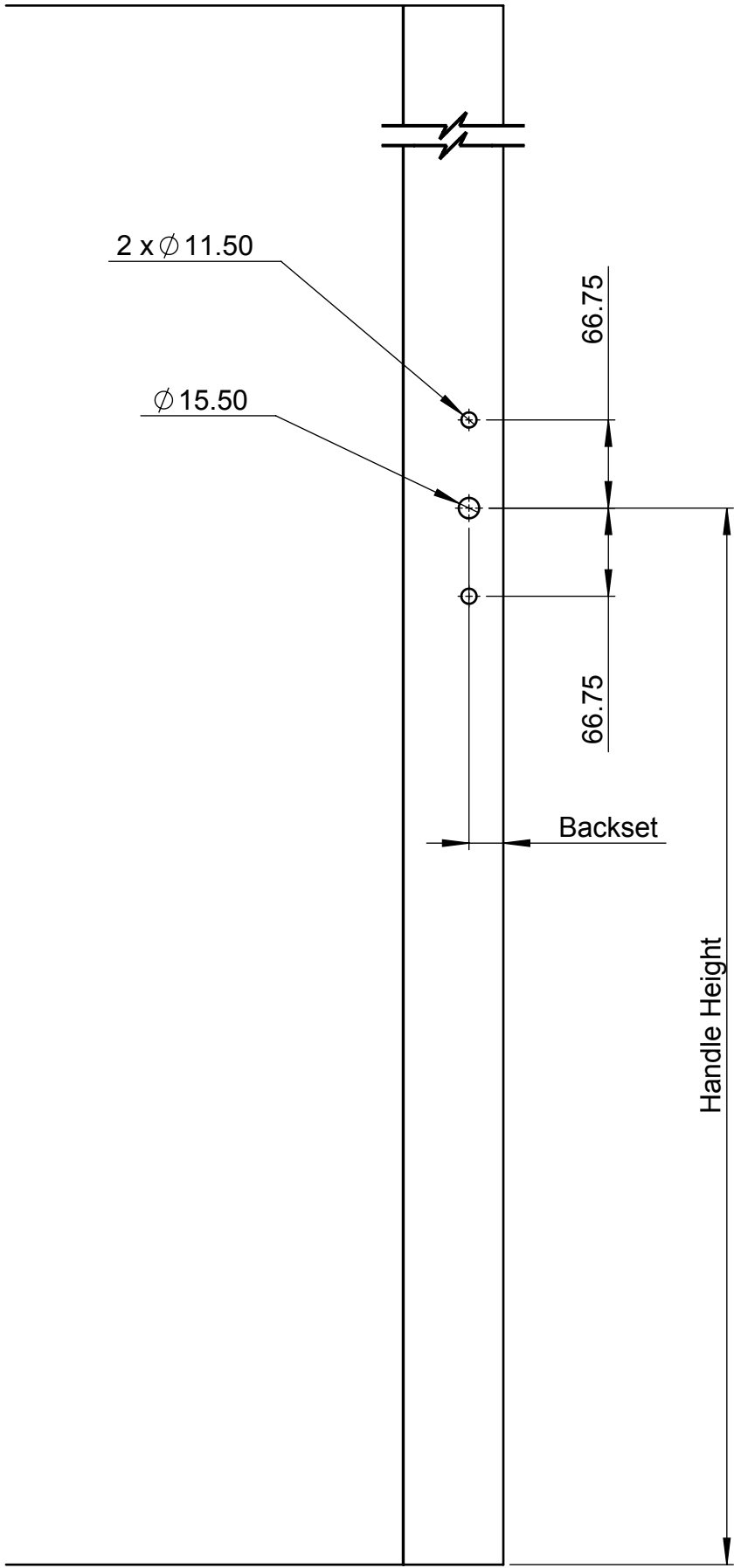
ROUTING DETAIL

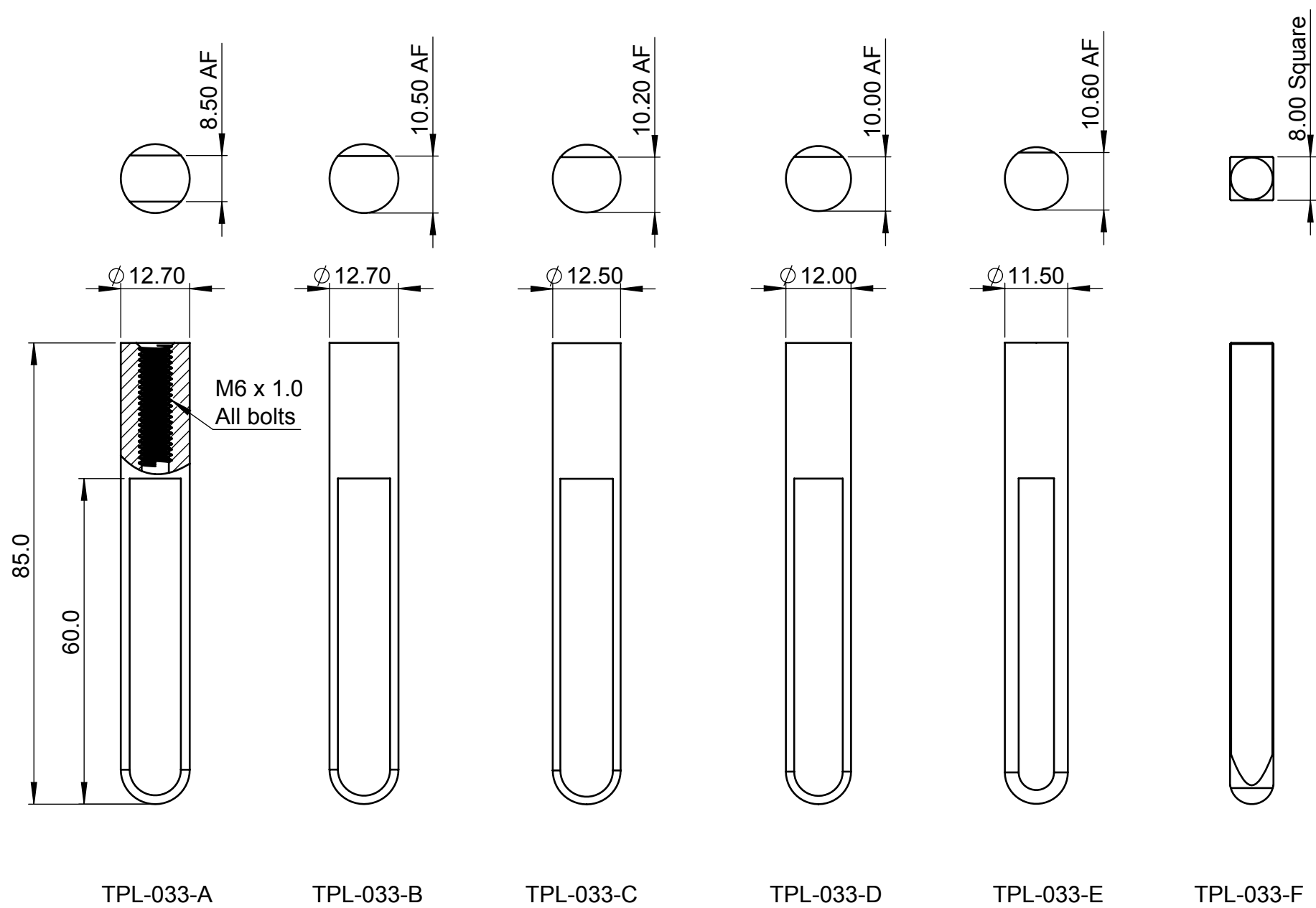
Hollow panels with TwinPoint Gen2 single handle keyed



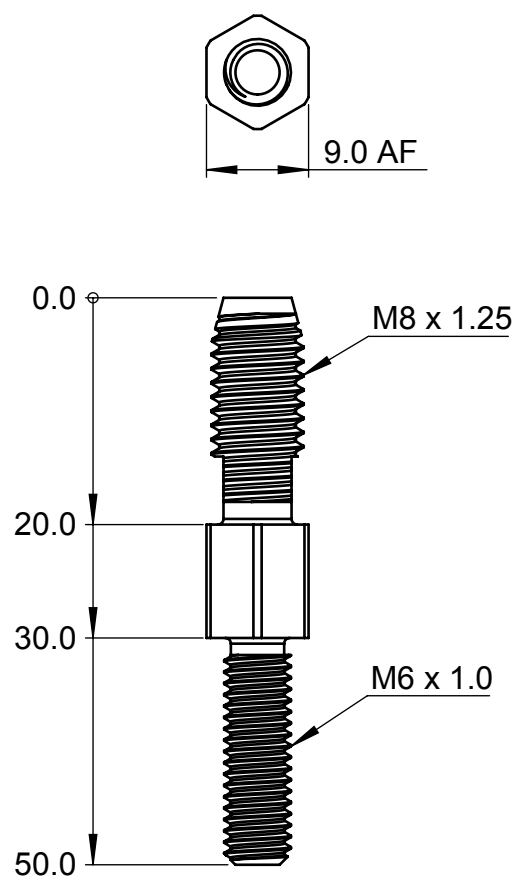
ROUTING DETAIL

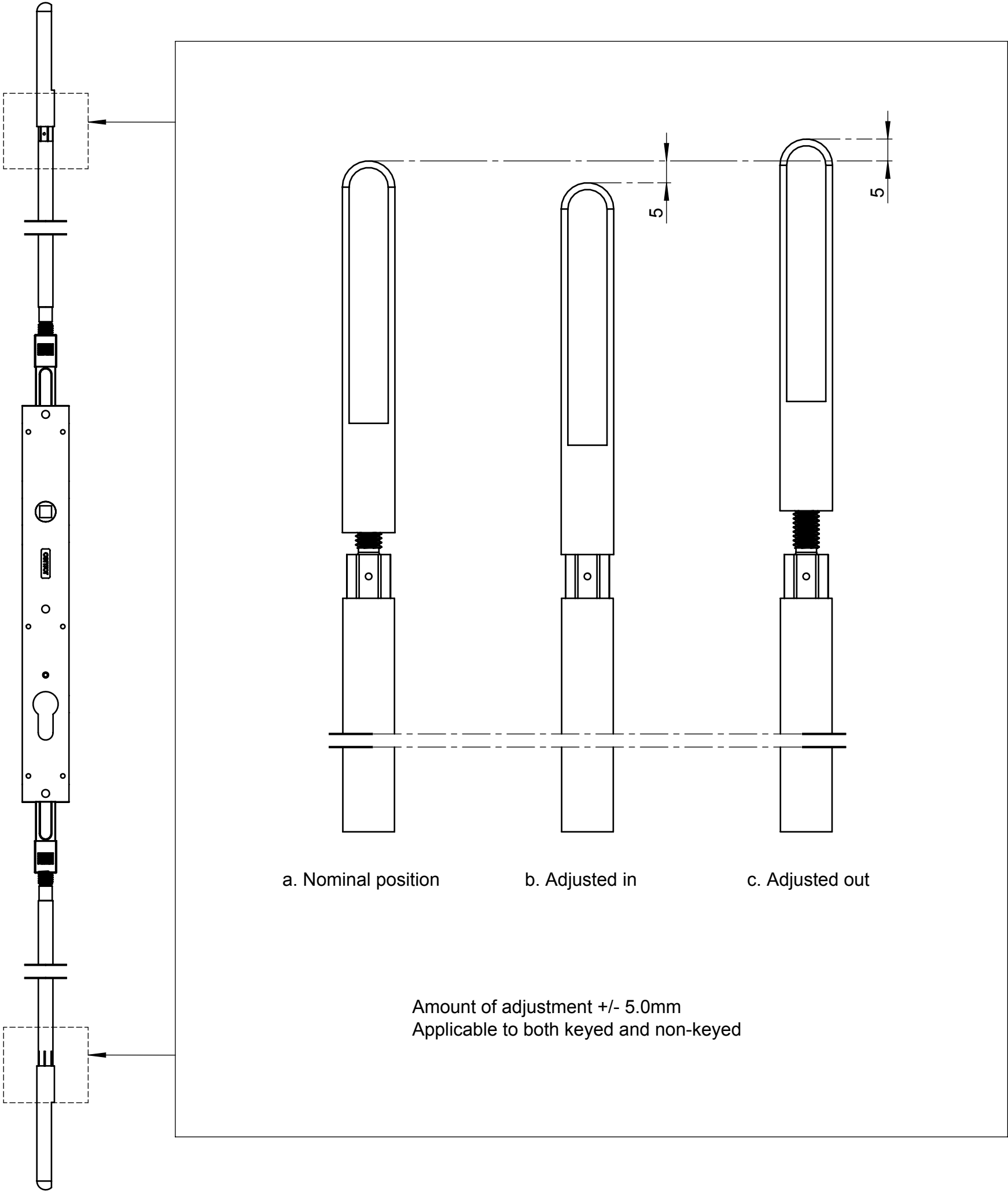
Hollow panels with TwinPoint Gen2 single handle non-keyed

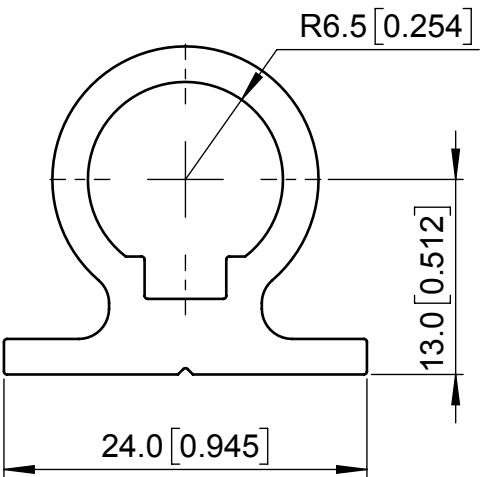
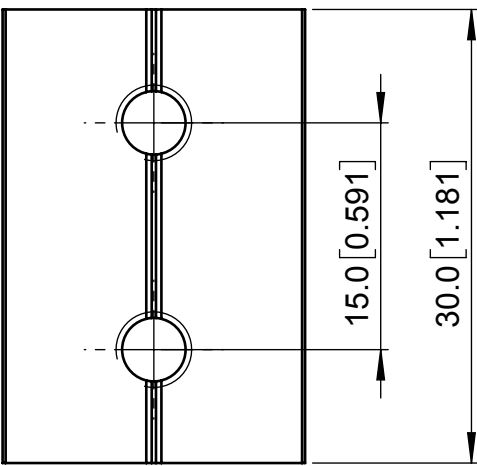
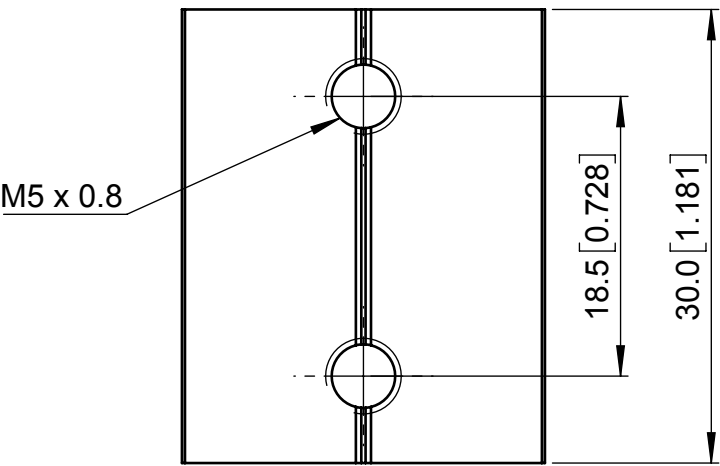




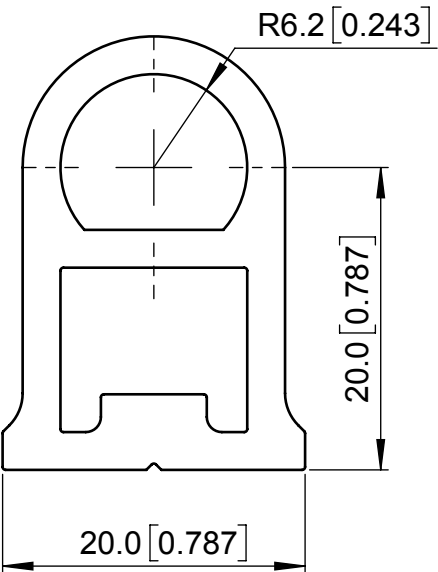
The bolt adaptor (supplied with any bolt)



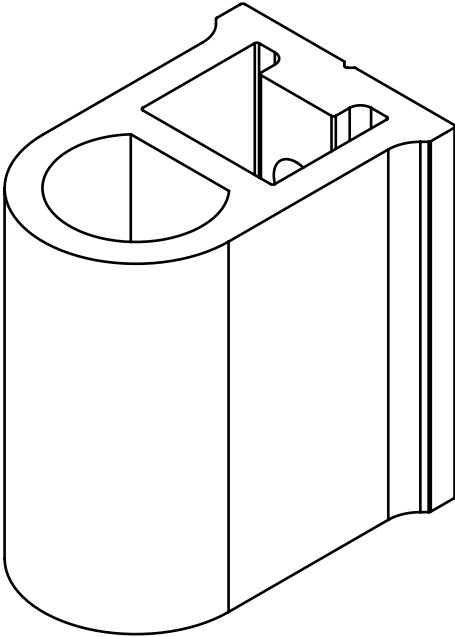
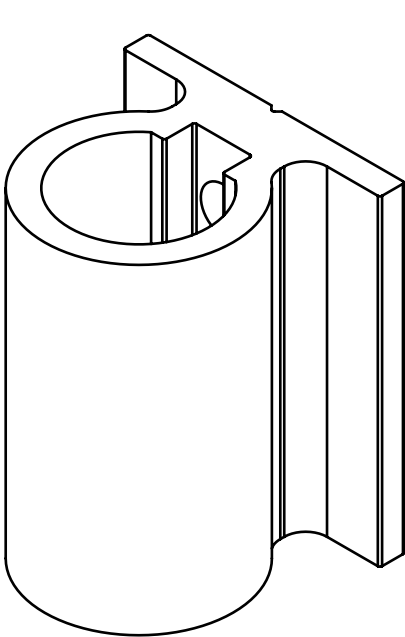




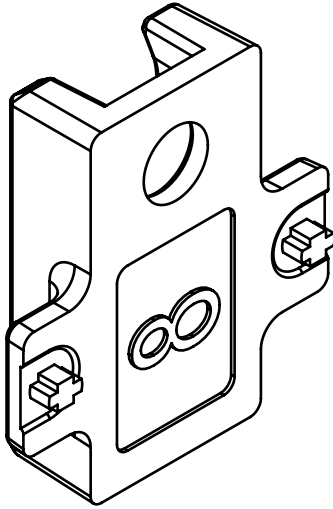
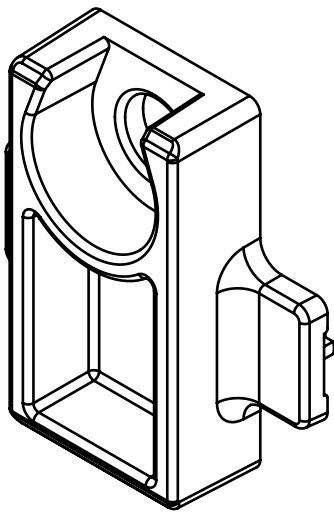
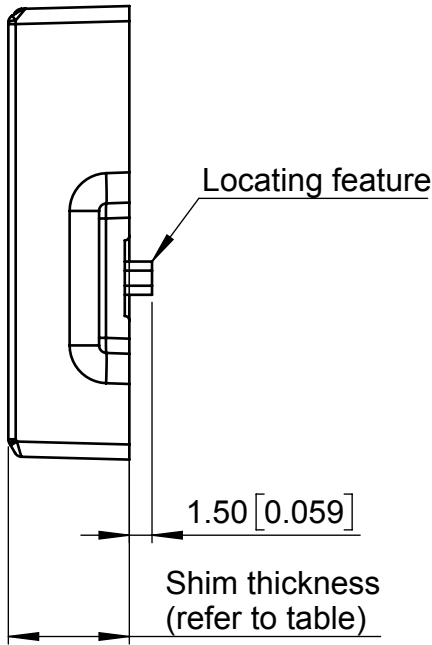
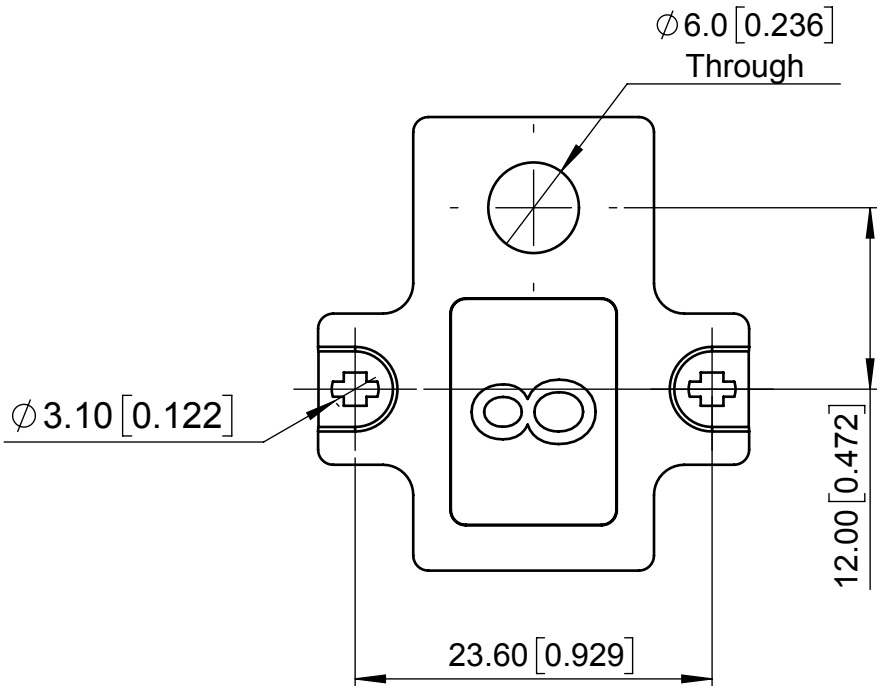
TPL-034



TPL-035



Shim thickness
5mm [0.197"]
8mm [0.315"]
16mm [0.630"]

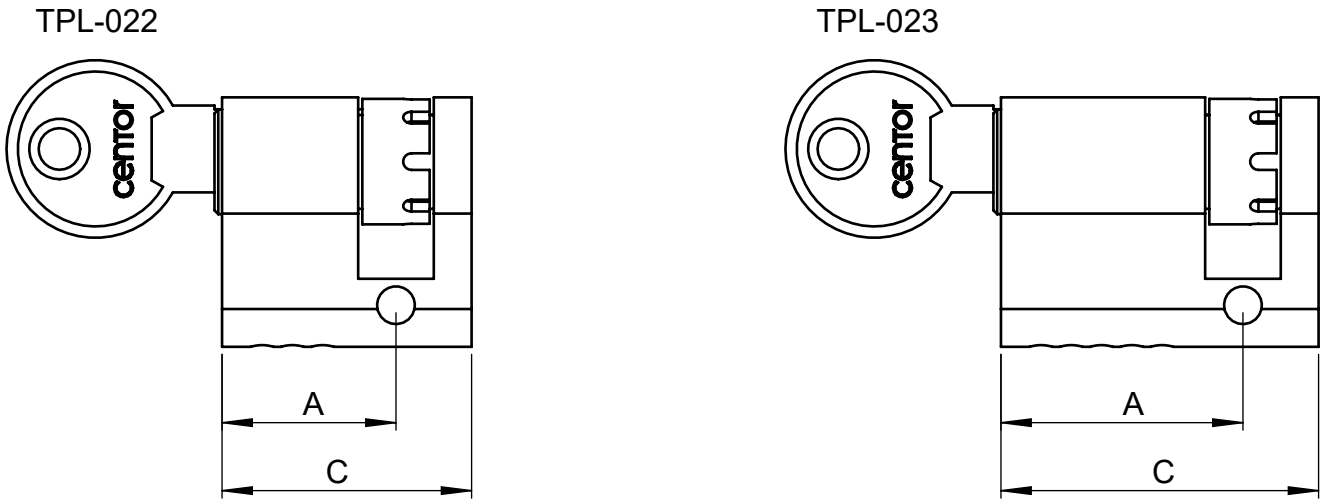


Notes:
8mm [0.315"] shim shown.

LOCK CYLINDER DETAIL

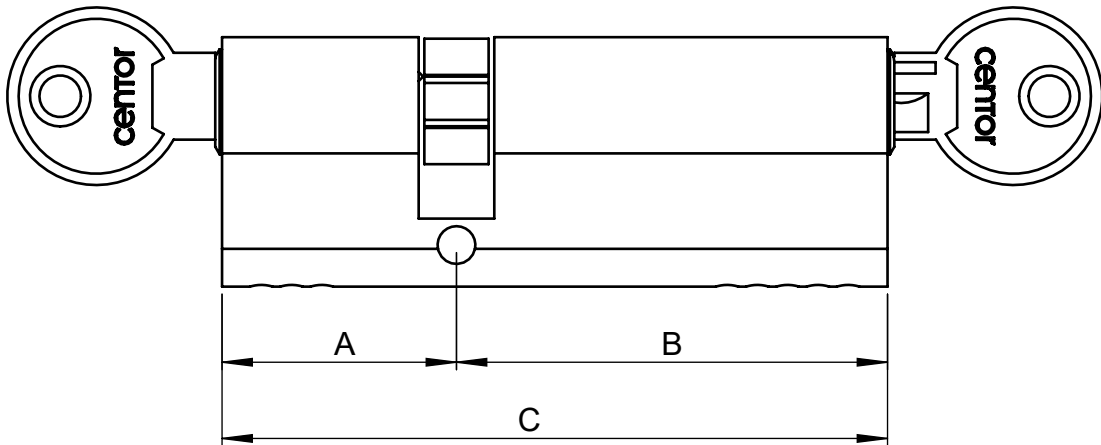
Single cylinder size - C4 keyway

Cylinder type	Dimension (mm)	
	A	C
TPL-022	23	33
TPL-023	32	42

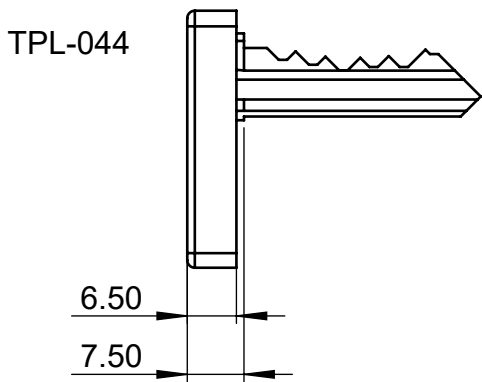


Double cylinder size - 6 pin security

Cylinder type	Dimension (mm)		
	A	B	C
TPL-050-65	30	35	65
TPL-050-70	30	40	70
TPL-050-75	30	45	75
TPL-050-80	30	50	80
TPL-050-85	30	55	85
TPL-050-90	30	60	90
TPL-050-95	30	65	95
TPL-050-100	30	70	100
TPL-050-105	30	75	105



Key with thumb turn - C4 keyway



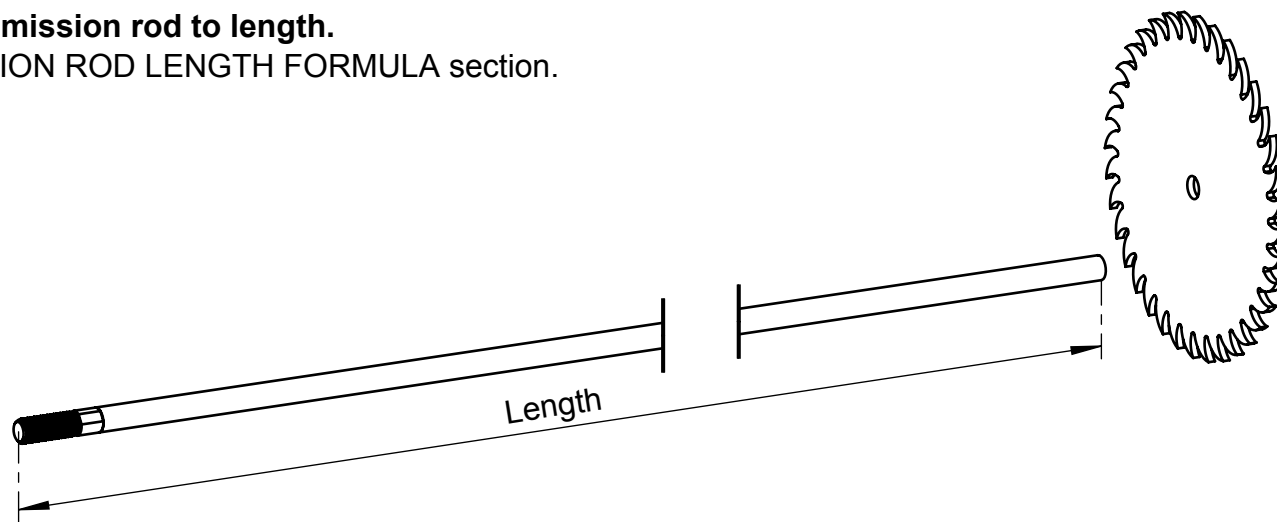
TPL-044 is a 5-pin key with a low profile thumb turn. It will not hit and dent the opposite stile if it is left in the lock. It can only be used with cylinders TPL-022 and TPL-023.

- Notes:
- Single cylinders TPL-022 and TPL-023 can be rehanded and the rehanding instruction is provided in the cylinder kit.

TRANSMISSION ROD AND BOLT ASSEMBLY

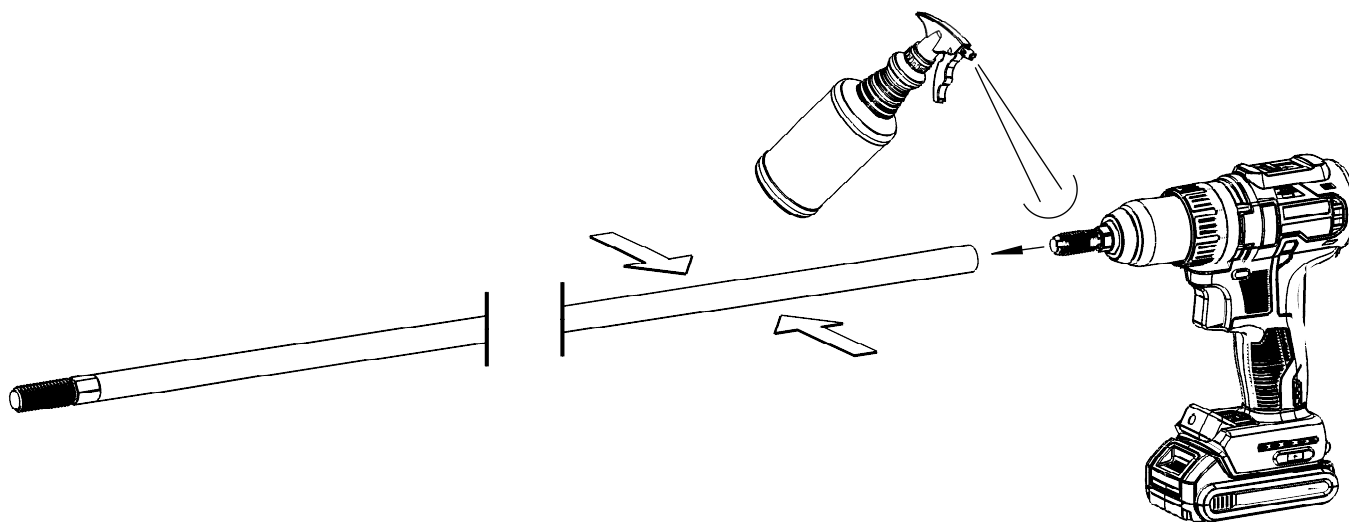
Step 1. Cut the transmission rod to length.

Refer to TRANSMISSION ROD LENGTH FORMULA section.



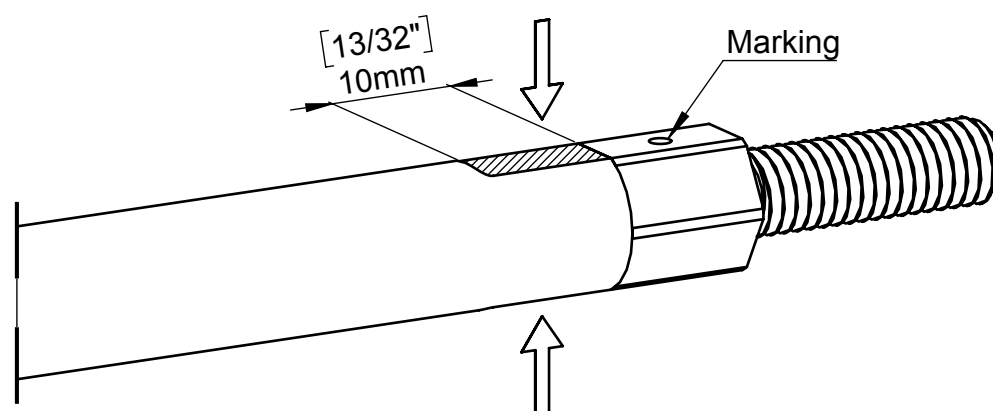
Step 2. Fit the bolt adaptor.

- Clamp the transmission rod so it doesn't rotate.
- Insert the adaptor into power drill and hold firmly - drill with 13mm or 1/2" chuck is recommended.
- Apply thread cutting fluid or WD40 to adaptor.
- Set the drill to low speed and high torque.
- Align the drill with transmission rod and drive adaptor into it until the adaptor bottoms out on its shoulder.



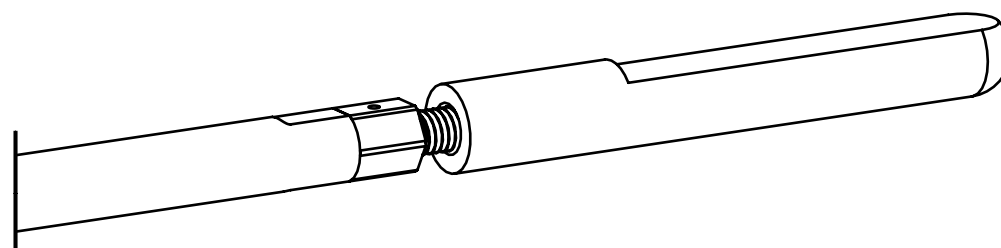
Step 3. Secure the bolt adaptor.

- Use a hammer to dent the tube to prevent the adaptor from rotating. Hit in line with the marking.
- Do the same on the opposite side.



Step 4. Fit the bolt.

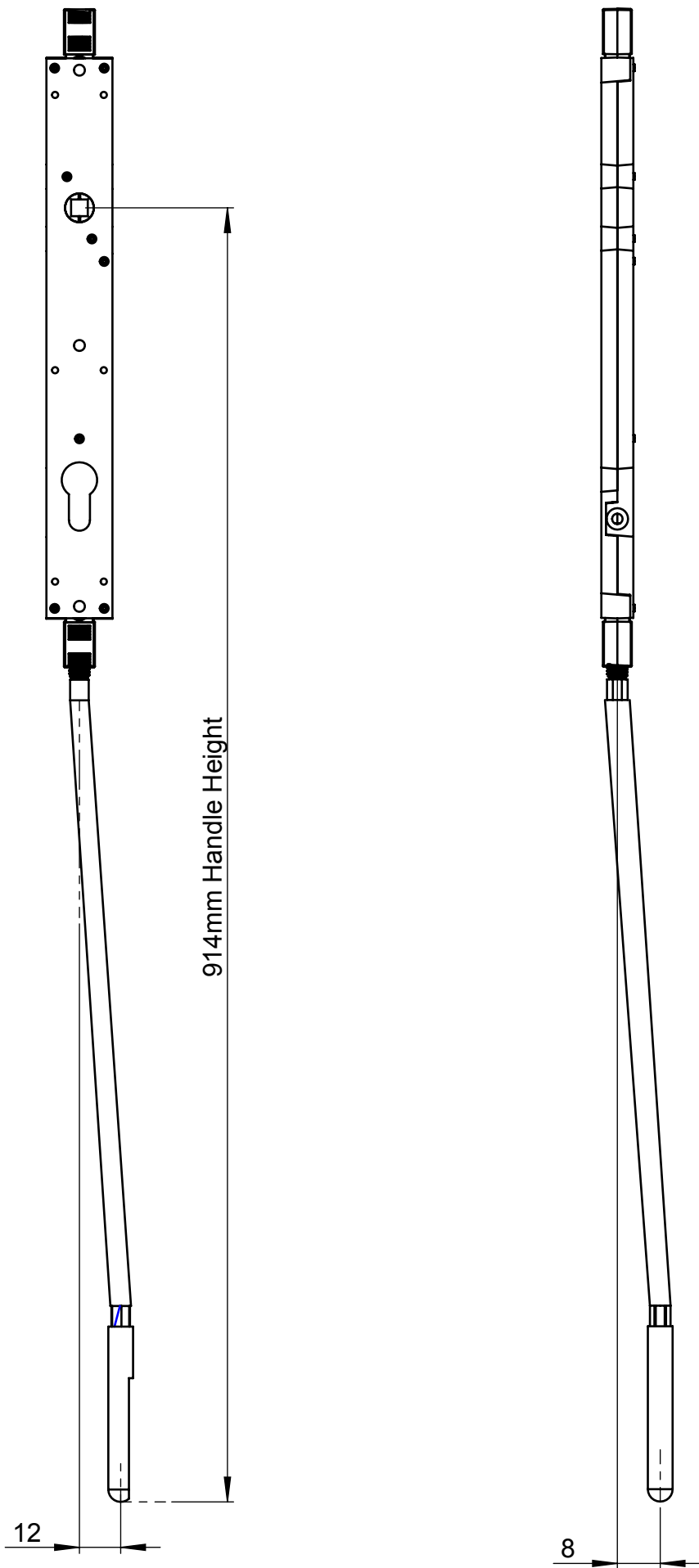
- Thread the bolt onto the adaptor.
- After lock installed, adjust the bolt in and out to suit the panel height - refer to **Bolt Adjustment Detail** section.



LOCK BODY AND BOLT ALIGNMENT

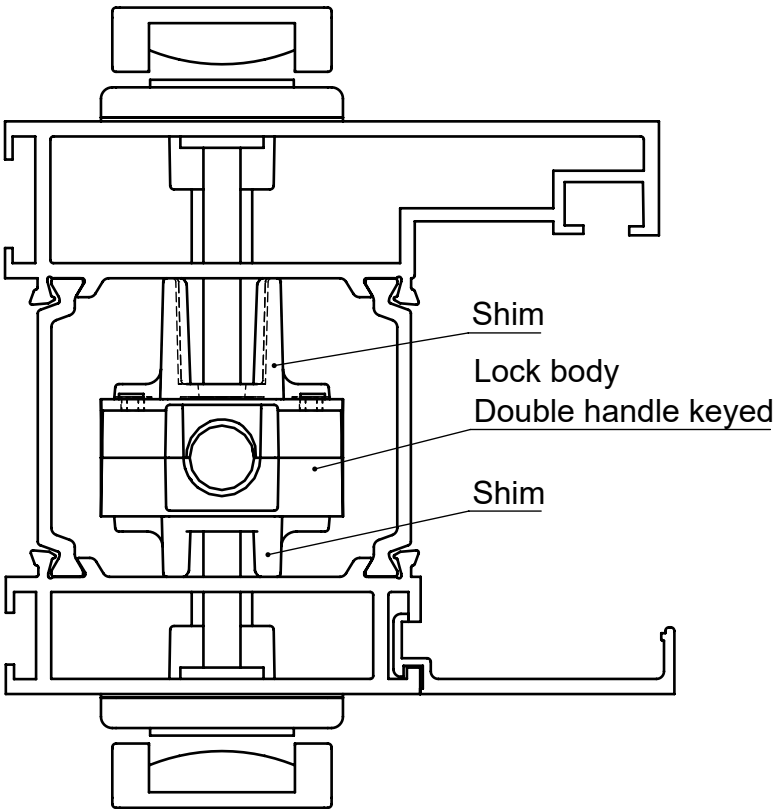
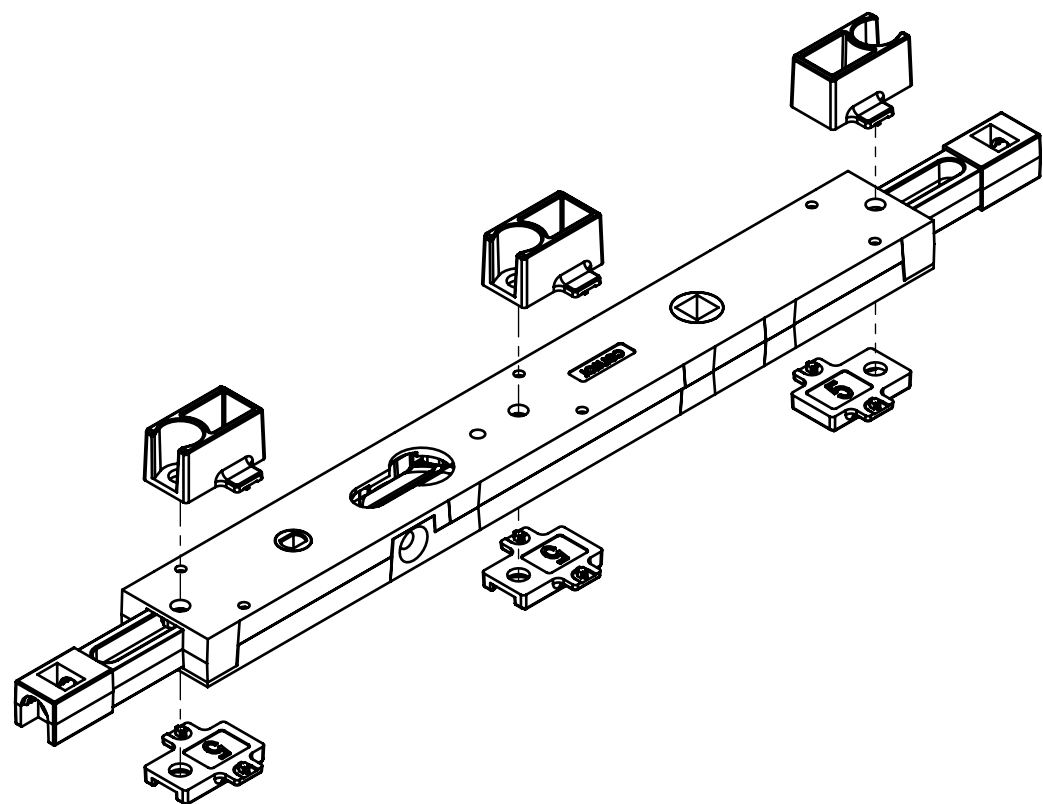
The lock body and bolt allow centain misalignment when fitted in hollow panel. The amount of misalignment is determined by the length of transmission rod.

As a guide, the following graphics show the allowable misalignment for handle height 914mm.

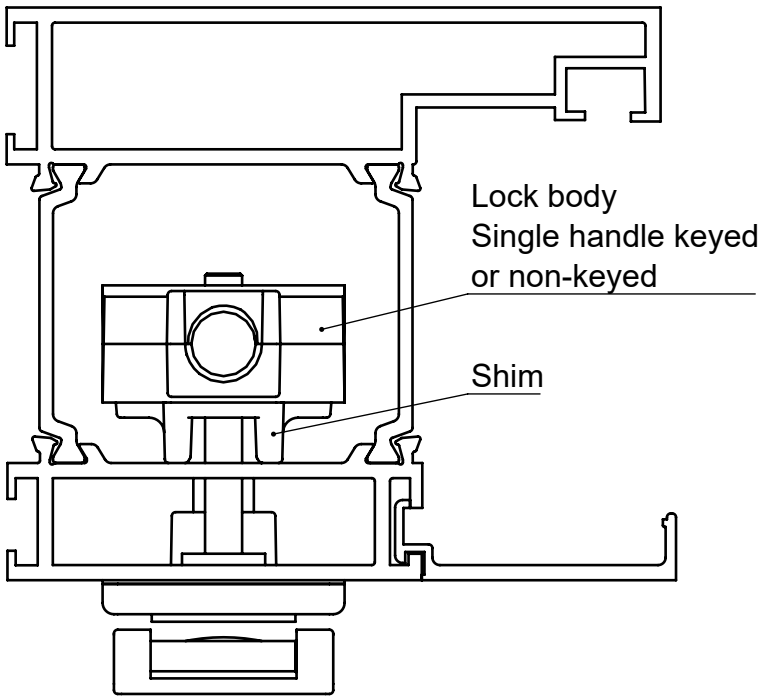
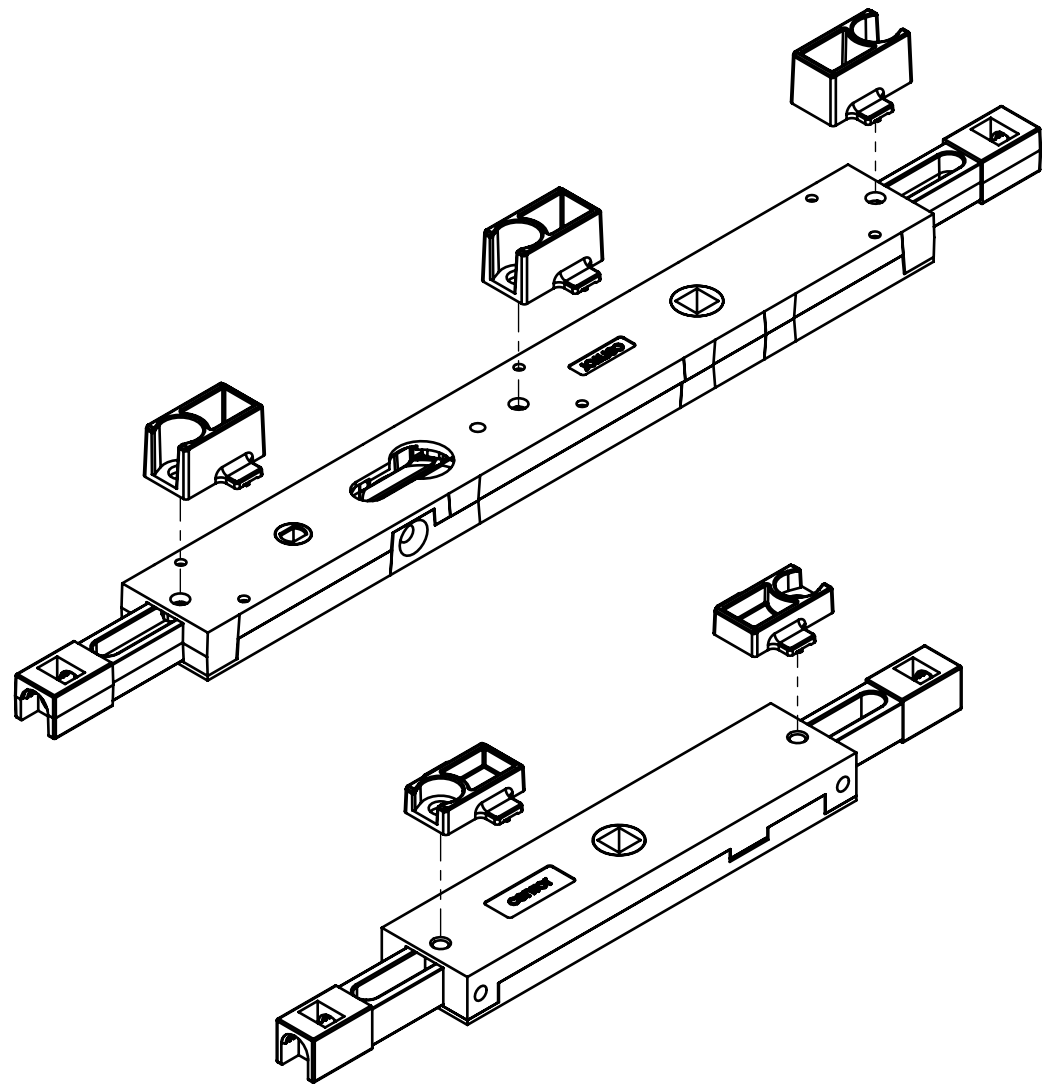


LOCK BODY AND SHIM ARRANGEMENT

Double handle keyed in hollow stile



Single handle keyed and non-keyed in hollow stile



TwinPoint Gen2 European Catalogue

15 May 2023

Parts	Item number	Item name
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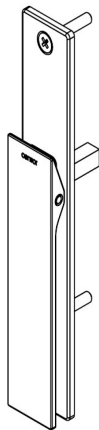
Single handle - non-keyed

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

Outward Opening

Transmission rod cover offset 4mm

TPL-002-J-S	Single handle H01, 185mm, non-keyed, brushed stainless
TPL-002-J-OL	Single handle H01, 185mm, non-keyed, PVD black
TPL-002-J-TG	Single handle H01, 185mm, non-keyed, PVD brass



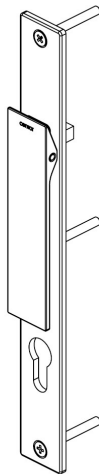
Single handle - keyed

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

Outward Opening

Transmission rod cover offset 4mm

TPL-024-J-S	Single handle H01, 280mm, keyed, brushed stainless
TPL-024-J-OL	Single handle H01, 280mm, keyed, PVD black
TPL-024-J-TG	Single handle H01, 280mm, keyed, PVD brass



TwinPoint Gen2 European Catalogue

15 May 2023

Parts	Item number	Item name
Double handles		

*Contents**1 x internal handle set, 1 x external handle set, 2 x gasket, 3 x mounting screws***Outward Opening - 12mm Transmission rod cover offset (wood only)**Panel thickness - 54 to 58mm

TPL-001-JG-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JG-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JG-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 59 to 63mm

TPL-001-JK-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JK-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JK-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 64 to 68mm

TPL-001-JL-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JL-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JL-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 69 to 73mm

TPL-001-JM-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JM-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JM-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 74 to 78mm

TPL-001-JN-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JN-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JN-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 79 to 83mm

TPL-001-JO-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JO-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JO-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 84 to 88mm

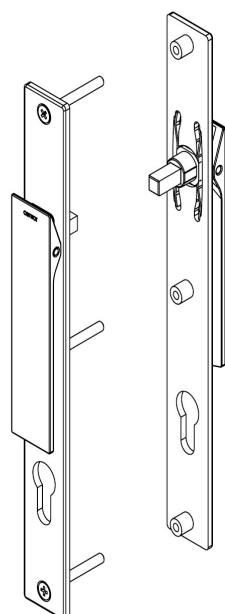
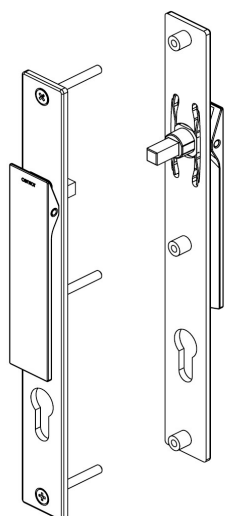
TPL-001-JP-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JP-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JP-TG	Double handle H01, 280mm, keyed, PVD brass

Panel thickness - 89 to 93mm

TPL-001-JQ-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JQ-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JQ-TG	Double handle H01, 280mm, keyed, PVD brass

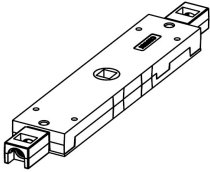
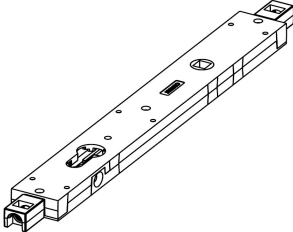
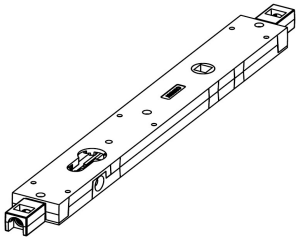
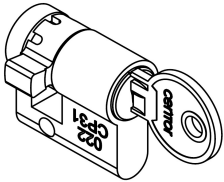
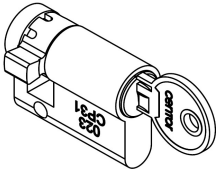
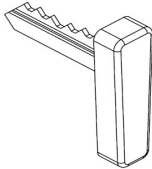
Panel thickness - 94 to 98mm

TPL-001-JR-S	Double handle H01, 280mm, keyed, brushed stainless
TPL-001-JR-OL	Double handle H01, 280mm, keyed, PVD black
TPL-001-JR-TG	Double handle H01, 280mm, keyed, PVD brass



TwinPoint Gen2 European Catalogue

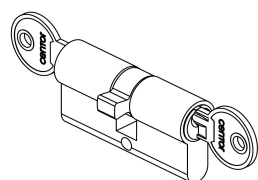
15 May 2023

Parts	Item number	Item name
Lock bodies		
<i>Contents</i> 1 x lock body		
For single handle		
	<u>Non-keyed</u>	
	TPL-004	Lock body to suit single handle 185mm, non-keyed
	<u>Keyed</u>	
	TPL-025	Lock body to suit single handle 280mm, keyed
For double handle		
	<u>Keyed</u>	
	TPL-003	Lock body to suit double handle 280mm, keyed
Single lock cylinders		
C4 x 3 Pin 23mm - suits 4mm Transmission rod cover offset		
<i>Contents</i> 1 x cylinder, 3 x 5-pin key, 1 x 20mm long cylinder screw, 1 x Rehanding instruction.		
	<u>Keyed alike</u>	
	TPL-022-KA-US15	Lock cylinder Euro single C4 3 pin 23mm, satin nickel
	TPL-022-KA-MB	Lock cylinder Euro single C4 3 pin 23mm, matt black
	TPL-022-KA-TG	Lock cylinder Euro single C4 3 pin 23mm, PVD brass
C4 x 5 Pin 32mm - suits 12mm Transmission rod cover offset		
<i>Contents</i> 1 x cylinder, 3 x 5-pin key, 1 x 20mm long cylinder screw, 1 x Rehanding instruction.		
	<u>Keyed alike</u>	
	TPL-023-KA-US15	Lock cylinder Euro single C4 5 pin 32mm, satin nickel
	TPL-023-KA-MB	Lock cylinder Euro single C4 5 pin 32mm, matt black
	TPL-023-KA-TG	Lock cylinder Euro single C4 5 pin 32mm, PVD brass
C4 removable key/thumb turn suit single cylinders*		
<i>Contents</i> 1 x thumb turn		
	<u>Keyed alike</u>	
	TPL-044-KA-US15	Key with thumb turn C4, satin nickel
	TPL-044-KA-MB	Key with thumb turn C4, matt black
	TPL-044-KA-TG	Key with thumb turn C4, PVD brass
* Available June 2023		

TwinPoint Gen2 European Catalogue

15 May 2023

Parts	Item number	Item name
Double lock cylinders		

6 pin security - keyed different*Contents**1 x cylinder, 2 x key, 1 x 20mm long cylinder screw*65mm (30-35) suit panel thickness 54 to 58mm

TPL-050-65-L-KD-MB	Lock cylinder Euro double 6 pin security 65mm (30-35) left hand, matt black
TPL-050-65-L-KD-US15	Lock cylinder Euro double 6 pin security 65mm (30-35) left hand, satin nickel
TPL-050-65-L-KD-SB	Lock cylinder Euro double 6 pin security 65mm (30-35) left hand, satin brass
TPL-050-65-R-KD-MB	Lock cylinder Euro double 6 pin security 65mm (30-35) right hand, matt black
TPL-050-65-R-KD-US15	Lock cylinder Euro double 6 pin security 65mm (30-35) right hand, satin nickel
TPL-050-65-R-KD-SB	Lock cylinder Euro double 6 pin security 65mm (30-35) right hand, satin brass

70mm (30-40) suit panel thickness 58 to 63mm

TPL-050-70-L-KD-MB	Lock cylinder Euro double 6 pin security 70mm (30-40) left hand, matt black
TPL-050-70-L-KD-US15	Lock cylinder Euro double 6 pin security 70mm (30-40) left hand, satin nickel
TPL-050-70-L-KD-SB	Lock cylinder Euro double 6 pin security 70mm (30-40) left hand, satin brass
TPL-050-70-R-KD-MB	Lock cylinder Euro double 6 pin security 70mm (30-40) right hand, matt black
TPL-050-70-R-KD-US15	Lock cylinder Euro double 6 pin security 70mm (30-40) right hand, satin nickel
TPL-050-70-R-KD-SB	Lock cylinder Euro double 6 pin security 70mm (30-40) right hand, satin brass

75mm (30-45) suit panel thickness 63 to 68mm

TPL-050-75-L-KD-MB	Lock cylinder Euro double 6 pin security 75mm (30-45) left hand, matt black
TPL-050-75-L-KD-US15	Lock cylinder Euro double 6 pin security 75mm (30-45) left hand, satin nickel
TPL-050-75-L-KD-SB	Lock cylinder Euro double 6 pin security 75mm (30-45) left hand, satin brass
TPL-050-75-R-KD-MB	Lock cylinder Euro double 6 pin security 75mm (30-45) right hand, matt black
TPL-050-75-R-KD-US15	Lock cylinder Euro double 6 pin security 75mm (30-45) right hand, satin nickel
TPL-050-75-R-KD-SB	Lock cylinder Euro double 6 pin security 75mm (30-45) right hand, satin brass

80mm (30-50) suit panel thickness 68 to 73mm

TPL-050-80-L-KD-MB	Lock cylinder Euro double 6 pin security 80mm (30-50) left hand, matt black
TPL-050-80-L-KD-US15	Lock cylinder Euro double 6 pin security 80mm (30-50) left hand, satin nickel
TPL-050-80-L-KD-SB	Lock cylinder Euro double 6 pin security 80mm (30-50) left hand, satin brass
TPL-050-80-R-KD-MB	Lock cylinder Euro double 6 pin security 80mm (30-50) right hand, matt black
TPL-050-80-R-KD-US15	Lock cylinder Euro double 6 pin security 80mm (30-50) right hand, satin nickel
TPL-050-80-R-KD-SB	Lock cylinder Euro double 6 pin security 80mm (30-50) right hand, satin brass

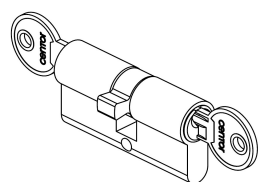
85mm (30-55) suit panel thickness 73 to 78mm

TPL-050-85-L-KD-MB	Lock cylinder Euro double 6 pin security 85mm (30-55) left hand, matt black
TPL-050-85-L-KD-US15	Lock cylinder Euro double 6 pin security 85mm (30-55) left hand, satin nickel
TPL-050-85-L-KD-SB	Lock cylinder Euro double 6 pin security 85mm (30-55) left hand, satin brass
TPL-050-85-R-KD-MB	Lock cylinder Euro double 6 pin security 85mm (30-55) right hand, matt black
TPL-050-85-R-KD-US15	Lock cylinder Euro double 6 pin security 85mm (30-55) right hand, satin nickel
TPL-050-85-R-KD-SB	Lock cylinder Euro double 6 pin security 85mm (30-55) right hand, satin brass

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Parts	Item number	Item name
Double lock cylinders (continue)		

90mm (30-60) suit panel thickness 78 to 83mm

TPL-050-90-L-KD-MB	Lock cylinder Euro double 6 pin security 90mm (30-60) left hand, matt black
TPL-050-90-L-KD-US15	Lock cylinder Euro double 6 pin security 90mm (30-60) left hand, satin nickel
TPL-050-90-L-KD-SB	Lock cylinder Euro double 6 pin security 90mm (30-60) left hand, satin brass
TPL-050-90-R-KD-MB	Lock cylinder Euro double 6 pin security 90mm (30-60) right hand, matt black
TPL-050-90-R-KD-US15	Lock cylinder Euro double 6 pin security 90mm (30-60) right hand, satin nickel
TPL-050-90-R-KD-SB	Lock cylinder Euro double 6 pin security 90mm (30-60) right hand, satin brass

95mm (30-65) suit panel thickness 83 to 88mm

TPL-050-95-L-KD-MB	Lock cylinder Euro double 6 pin security 95mm (30-65) left hand, matt black
TPL-050-95-L-KD-US15	Lock cylinder Euro double 6 pin security 95mm (30-65) left hand, satin nickel
TPL-050-95-L-KD-SB	Lock cylinder Euro double 6 pin security 95mm (30-65) left hand, satin brass
TPL-050-95-R-KD-MB	Lock cylinder Euro double 6 pin security 95mm (30-65) right hand, matt black
TPL-050-95-R-KD-US15	Lock cylinder Euro double 6 pin security 95mm (30-65) right hand, satin nickel
TPL-050-95-R-KD-SB	Lock cylinder Euro double 6 pin security 95mm (30-65) right hand, satin brass

100mm (30-70) suit panel thickness 88 to 93mm

TPL-050-100-L-KD-MB	Lock cylinder Euro double 6 pin security 100mm (30-70) left hand, matt black
TPL-050-100-L-KD-US15	Lock cylinder Euro double 6 pin security 100mm (30-70) left hand, satin nickel
TPL-050-100-L-KD-SB	Lock cylinder Euro double 6 pin security 100mm (30-70) left hand, satin brass
TPL-050-100-R-KD-MB	Lock cylinder Euro double 6 pin security 100mm (30-70) right hand, matt black
TPL-050-100-R-KD-US15	Lock cylinder Euro double 6 pin security 100mm (30-70) right hand, satin nickel
TPL-050-100-R-KD-SB	Lock cylinder Euro double 6 pin security 100mm (30-70) right hand, satin brass

105mm (30-75) suit panel thickness 93 to 98mm

TPL-050-105-L-KD-MB	Lock cylinder Euro double 6 pin security 105mm (30-75) left hand, matt black
TPL-050-105-L-KD-US15	Lock cylinder Euro double 6 pin security 105mm (30-75) left hand, satin nickel
TPL-050-105-L-KD-SB	Lock cylinder Euro double 6 pin security 105mm (30-75) left hand, satin brass
TPL-050-105-R-KD-MB	Lock cylinder Euro double 6 pin security 105mm (30-75) right hand, matt black
TPL-050-105-R-KD-US15	Lock cylinder Euro double 6 pin security 105mm (30-75) right hand, satin nickel
TPL-050-105-R-KD-SB	Lock cylinder Euro double 6 pin security 105mm (30-75) right hand, satin brass

Shims for hollow panels

*Contents**50 x shims*5mm

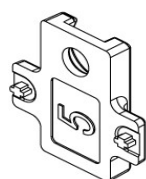
TPL-038-05-50	Shim 5mm (bag of 50)
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8mm

TPL-038-08-50	Shim 8mm (bag of 50)
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16mm

TPL-038-16-50	Shim 16mm (bag of 50)
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Parts	Item number	Item name
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Transmission rod for hollow panels

Contents

2 x transmission rods with connector attached (one short, one long)

2440mm high panel

TPL-041-24

Transmission rod set hollow panels 2440mm panel

3050mm high panel

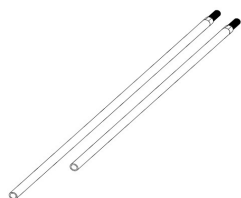
TPL-041-30

Transmission rod set hollow panels 3050mm panel

4000mm high panel

TPL-041-40

Transmission rod set hollow panels 4000mm panel



Bolts and transmission rod adaptors for hollow panels

Contents

bag of 2 - 2 x bolts, 2 x adaptors (not attached).

bag of 20 - 20 x bolts, 20 x adaptors (not attached).

Round

12.7mm

TPL-033-B-02

Bolt and adaptor, 12.7 diameter, single flat, stainless steel (bag of 2)

TPL-033-B-20

Bolt and adaptor, 12.7 diameter, single flat, stainless steel (bag of 20)

TPL-033-A-02

Bolt and adaptor, 12.7 diameter, double flat, stainless steel (bag of 2)

TPL-033-A-20

Bolt and adaptor, 12.7 diameter, double flat, stainless steel (bag of 20)

12.5mm

TPL-033-C-02

Bolt and adaptor, 12.5 diameter, single flat, stainless steel (bag of 2)

TPL-033-C-20

Bolt and adaptor, 12.5 diameter, single flat, stainless steel (bag of 20)

12.0mm

TPL-033-D-02

Bolt and adaptor, 12.0 diameter, single flat, stainless steel (bag of 2)

TPL-033-D-20

Bolt and adaptor, 12.0 diameter, single flat, stainless steel (bag of 20)

11.5mm

TPL-033-E-02

Bolt and adaptor, 11.5 diameter, single flat, stainless steel (bag of 2)

TPL-033-E-20

Bolt and adaptor, 11.5 diameter, single flat, stainless steel (bag of 20)

Square

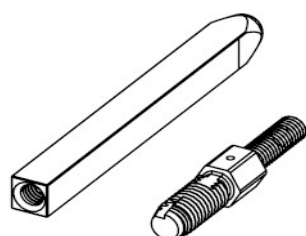
8.0mm

TPL-033-F-02

Bolt and adaptor, 8mm square, stainless steel (bag of 2)

TPL-033-F-20

Bolt and adaptor, 8mm square, stainless steel (bag of 20)



Bolt guides for hollow panels

Contents

bag of 2 - 2 x bolt guides, 4 x 8mm long screws.

bag of 20 - 20 x bolt guides, 40 x 8mm long screws.

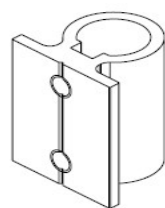
13mm diameter

TPL-034-NF-02

Bolt guide aluminium ID 13.0mm, single flat, 13mm offset (bag of 2)

TPL-034-NF-20

Bolt guide aluminium ID 13.0mm, single flat, 13mm offset (bag of 20)



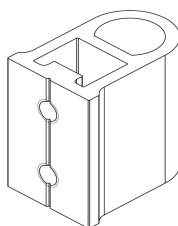
12.4mm diameter

TPL-035-NF-02

Bolt guide aluminium ID 12.4mm, single flat, 20mm offset (bag of 2)

TPL-035-NF-20

Bolt guide aluminium ID 12.4mm, single flat, 20mm offset (bag of 20)



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