

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;

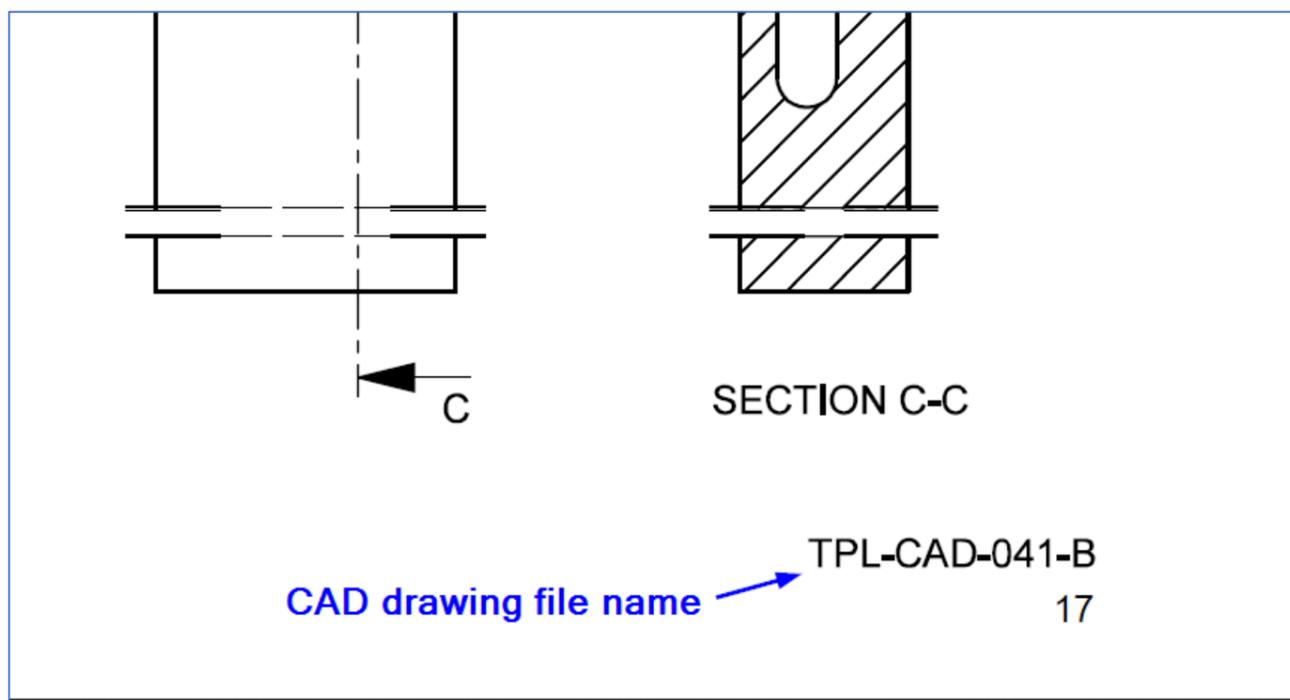
1. Bottom of the TwinPoint Gen2 website page
2. Professional section of Centor's webpage
3. This link. <https://centor.com/us/hardware-systems/accessories/centor-twinpoint-lock>

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

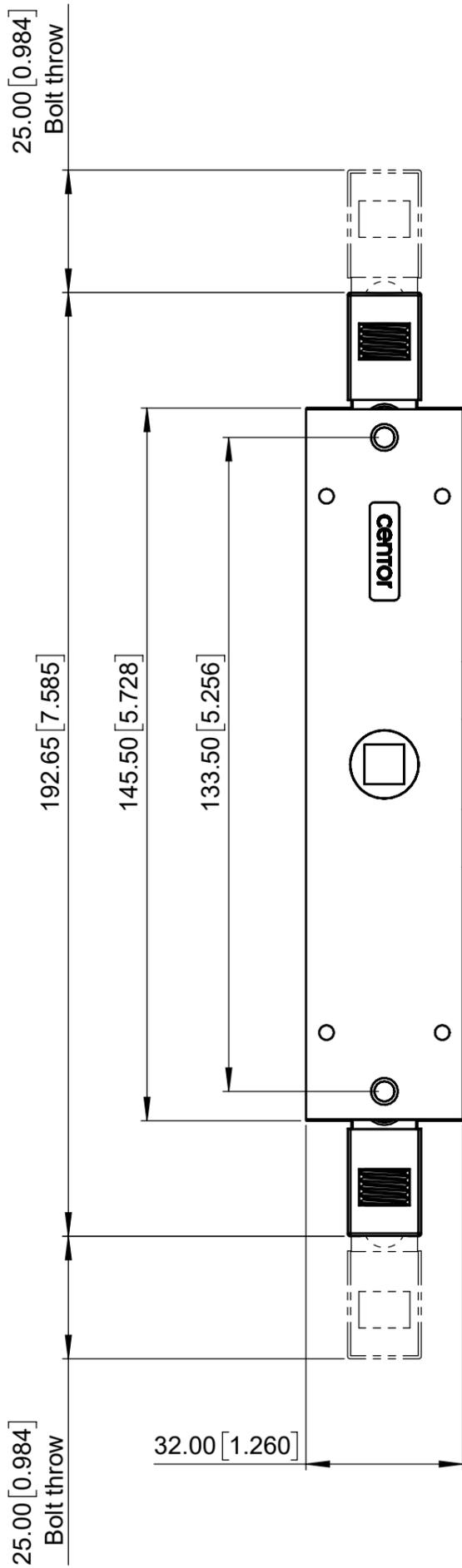
2D CAD drawing download

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

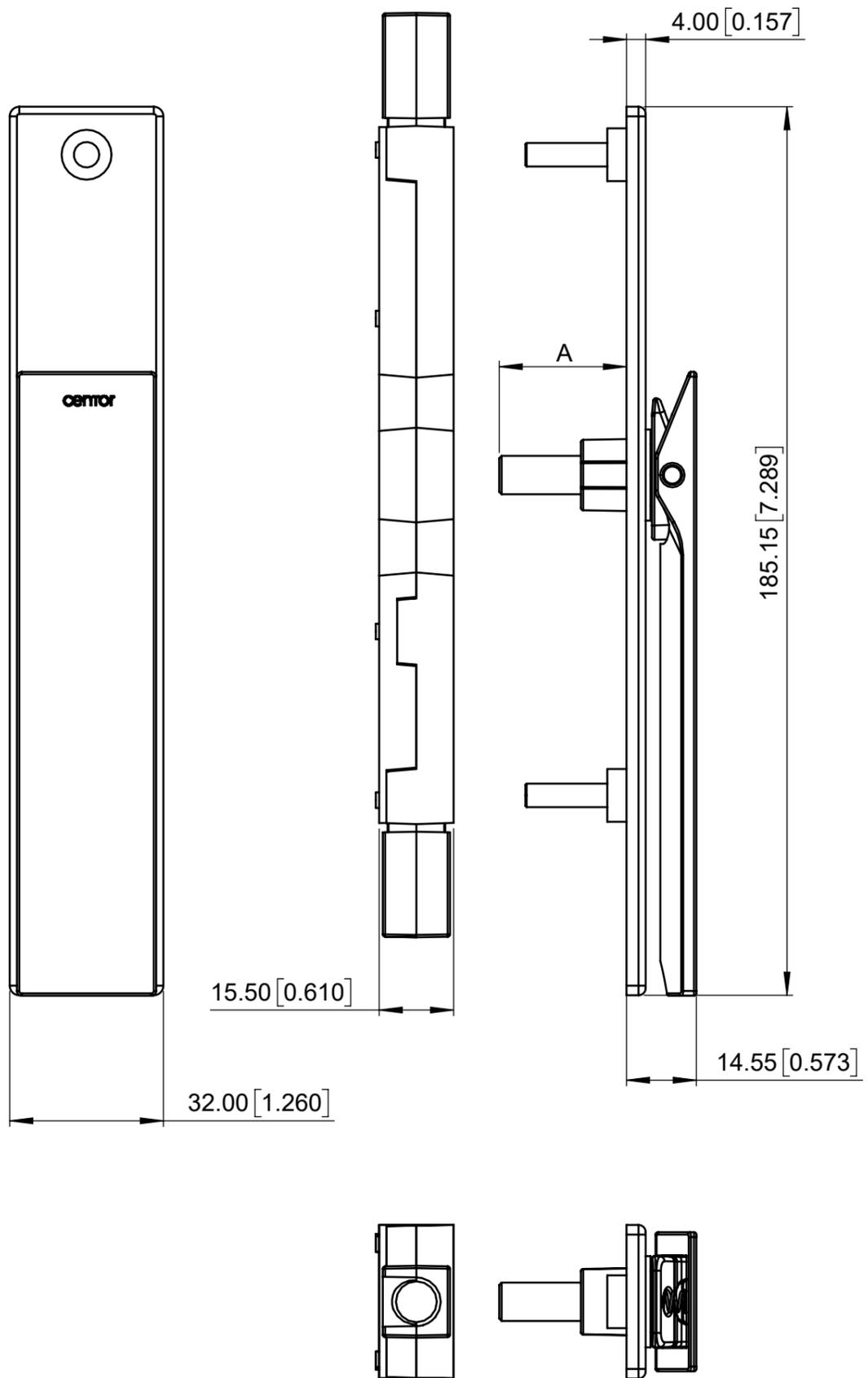
1. There are two folders. One for dwg and one for dxf.
2. Use the technical documents as an index to select the appropriate drawing. The drawing file name is printed at the bottom right corner of the page.



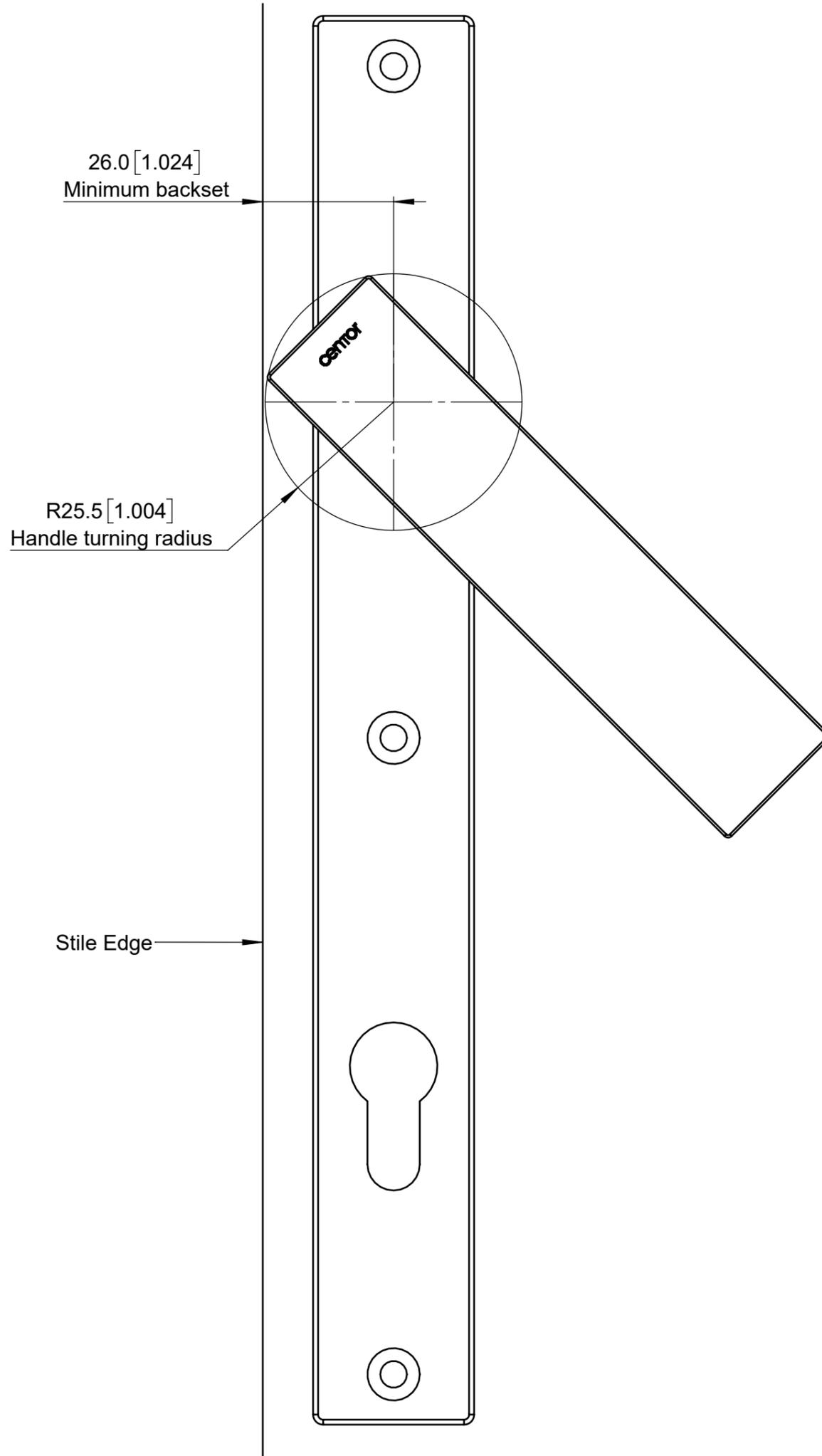
SINGLE HANDLE NON-KEYED



Handle item number	A	
	TPL-002-C-*	20.5mm
TPL-002-G-*	29.5mm	1.161"
TPL-002-I-*	33.5mm	1.319"



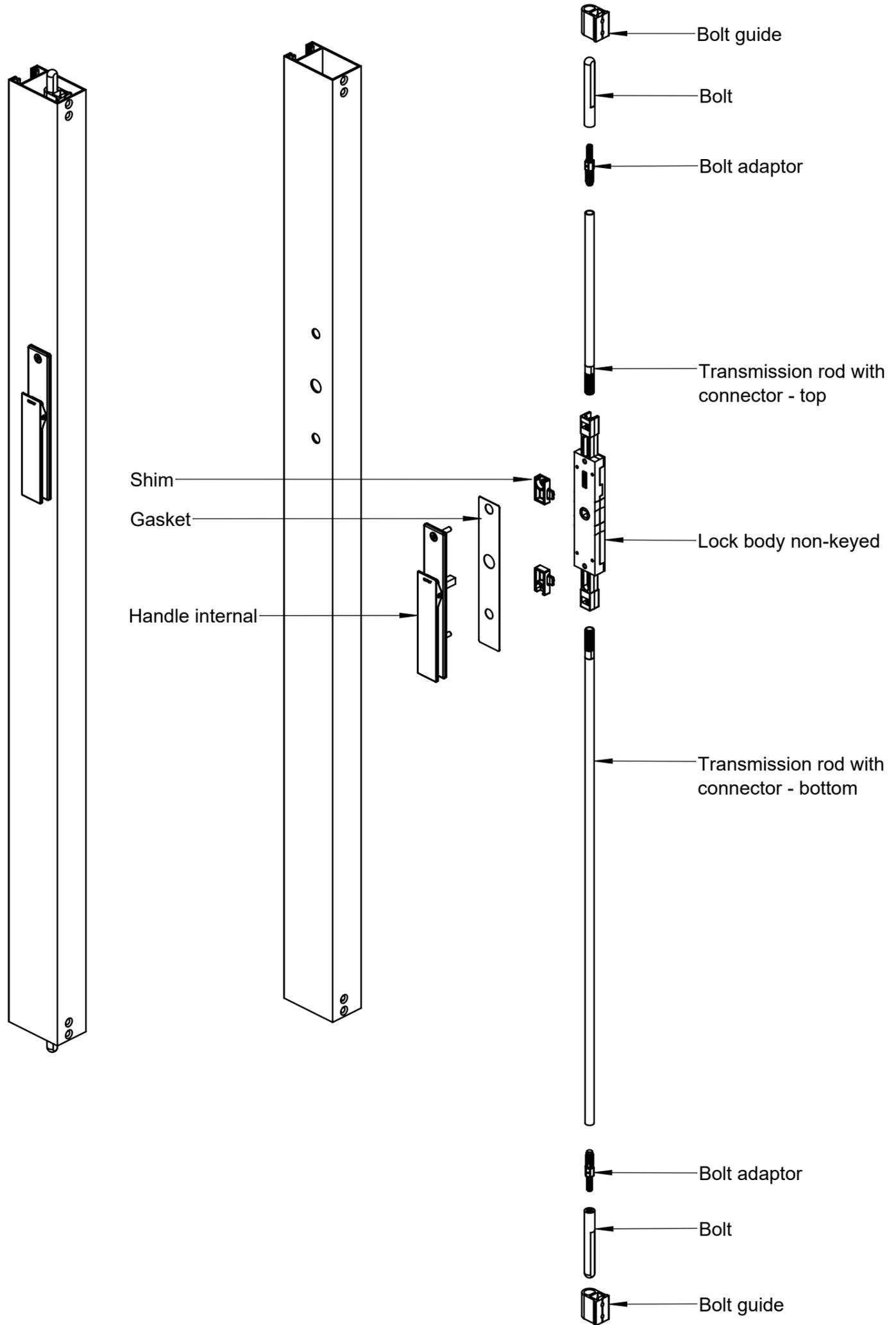
HANDLE BACKSET DETAIL



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

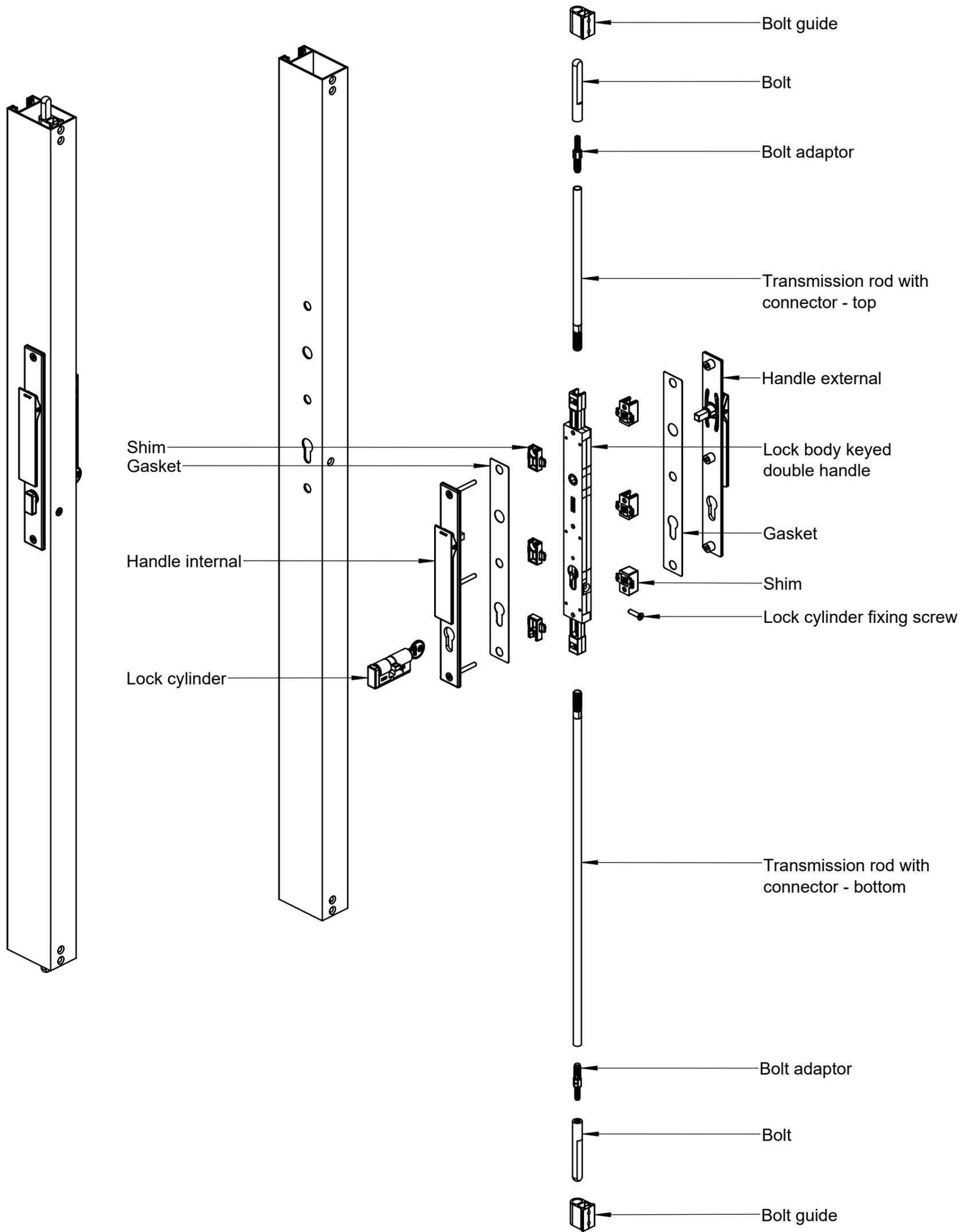
PRODUCT DETAIL

Hollow panel with TwinPoint Gen2 single handle non-keyed



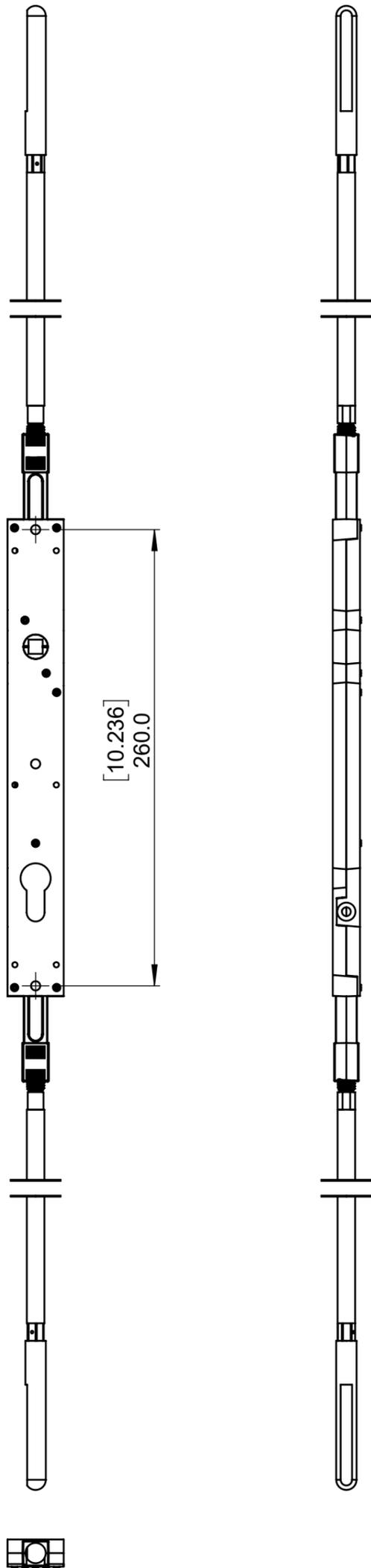
PRODUCT DETAILS

Hollow panel with TwinPoint Gen2 double handle keyed

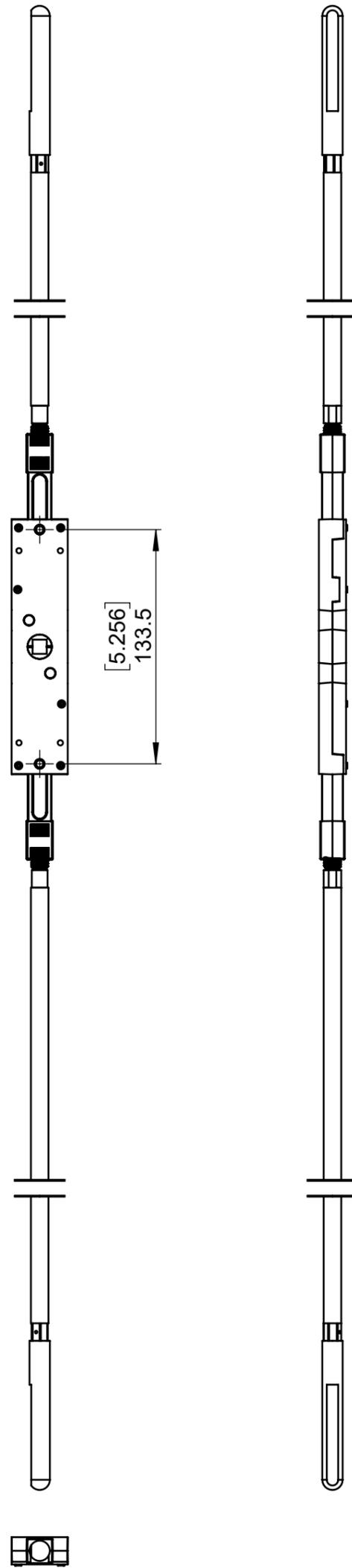


TwinPoint Gen2
ASSEMBLY DETAIL

Keyed



Non-keyed



Notes:
Lock shown in extended state.

TRANSMISSION ROD LENGTH FORMULA

Non-keyed lock

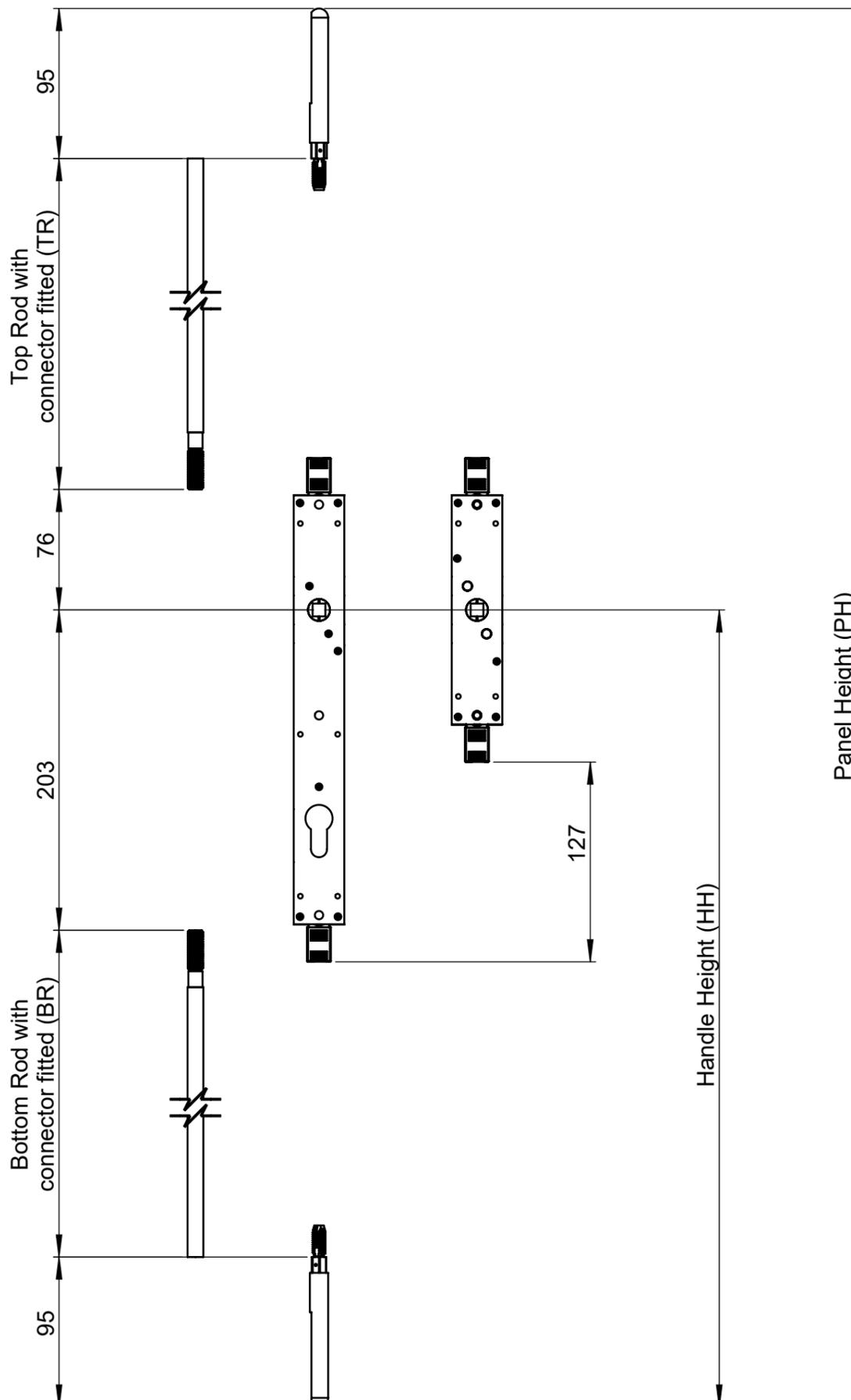
Transmission rod with connector fitted	Top	$TR = PH - HH - 176$
	Bottom	$BR = HH - 176$
Handle height	Maximum	1100
Panel height	Minimum	508

Keyed lock

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

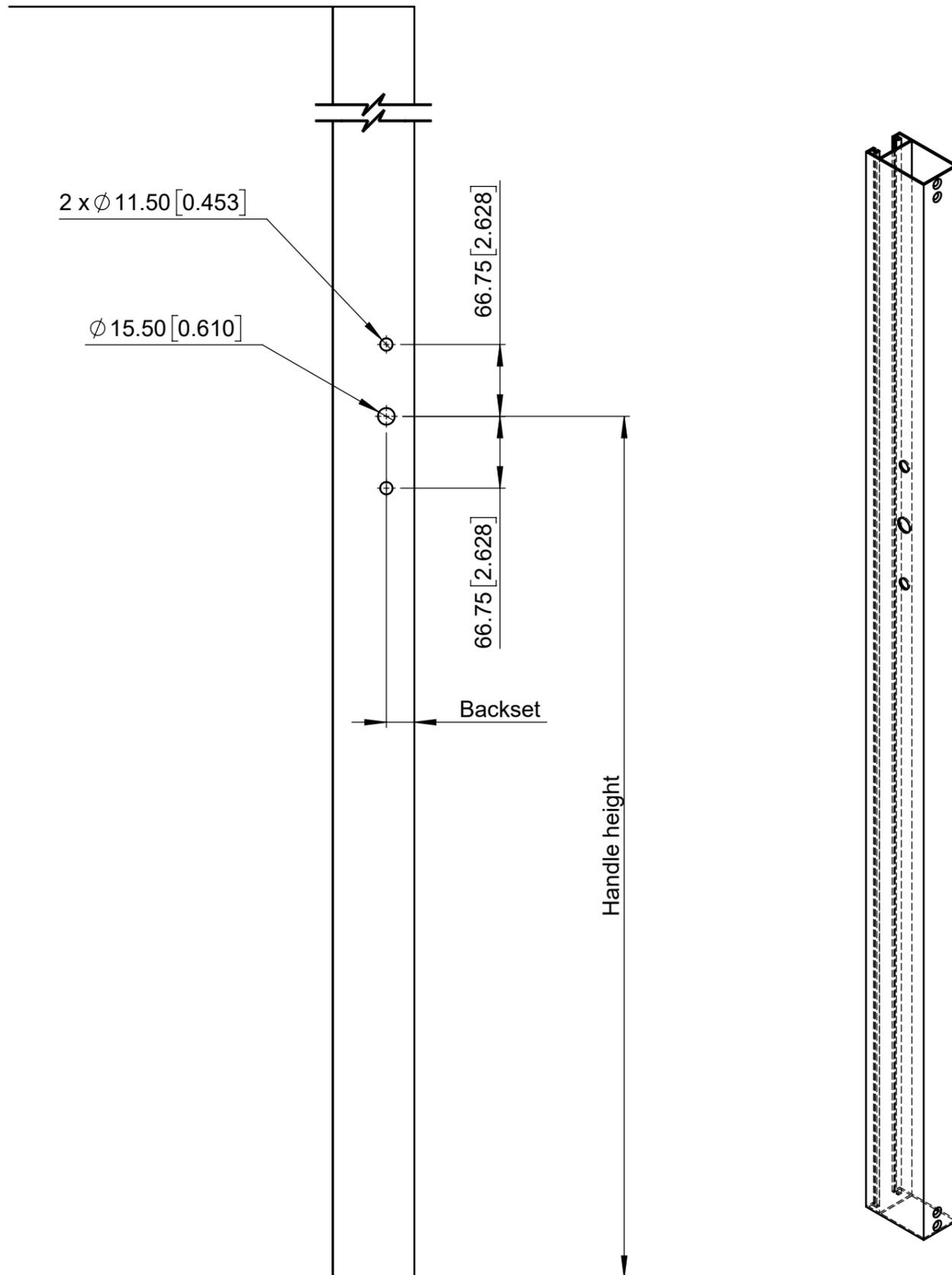
Notes:

All dimensions in mm.



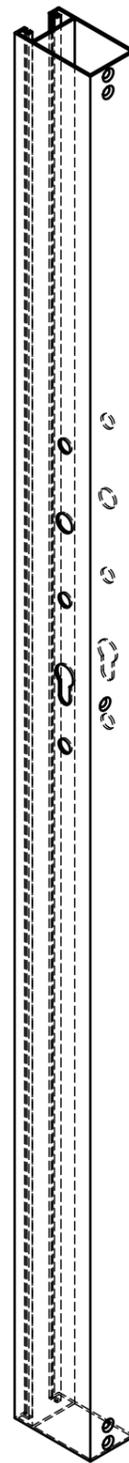
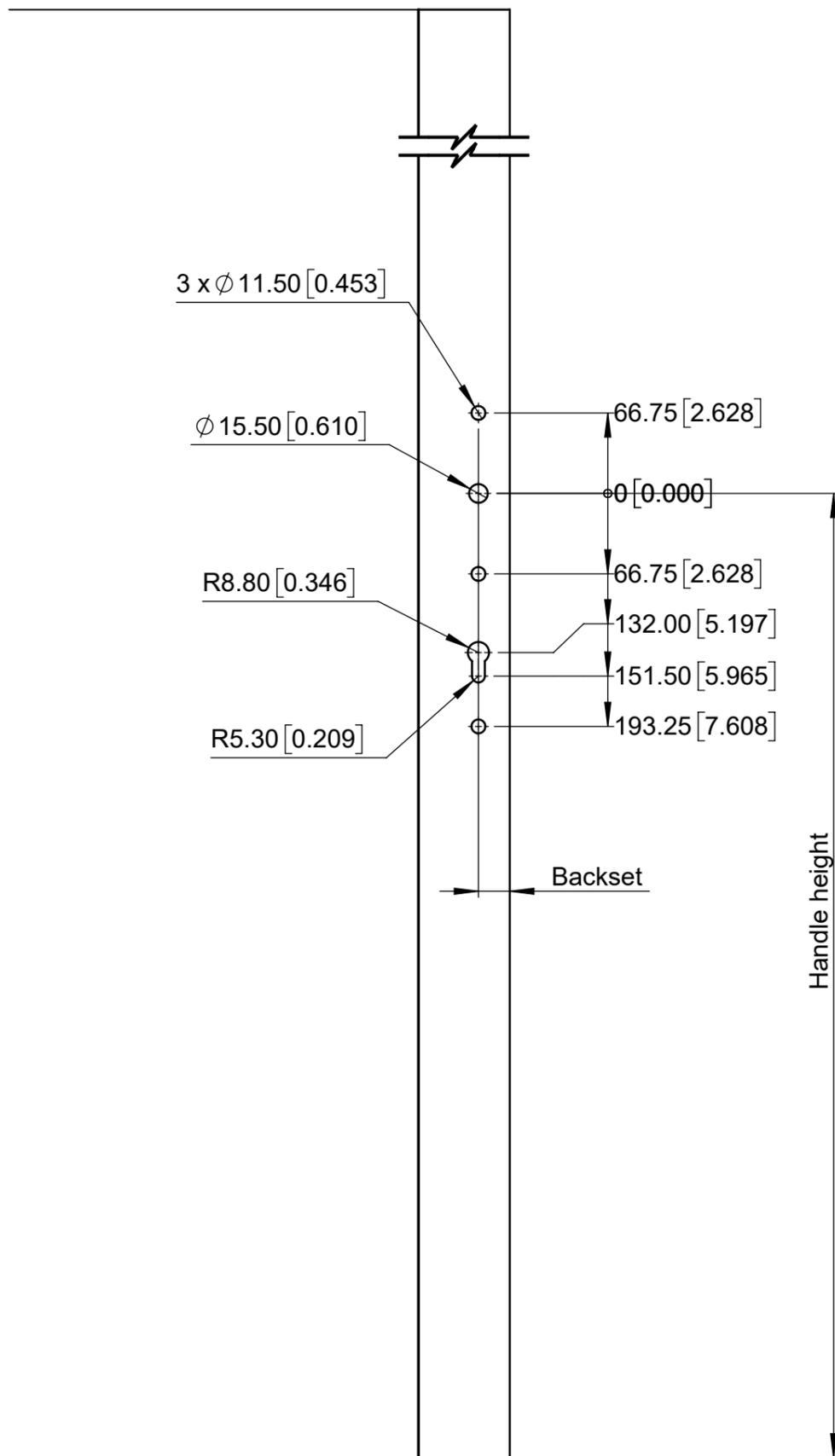
ROUTING DETAIL

Hollow panels with TwinPoint Gen2 single handle non-keyed

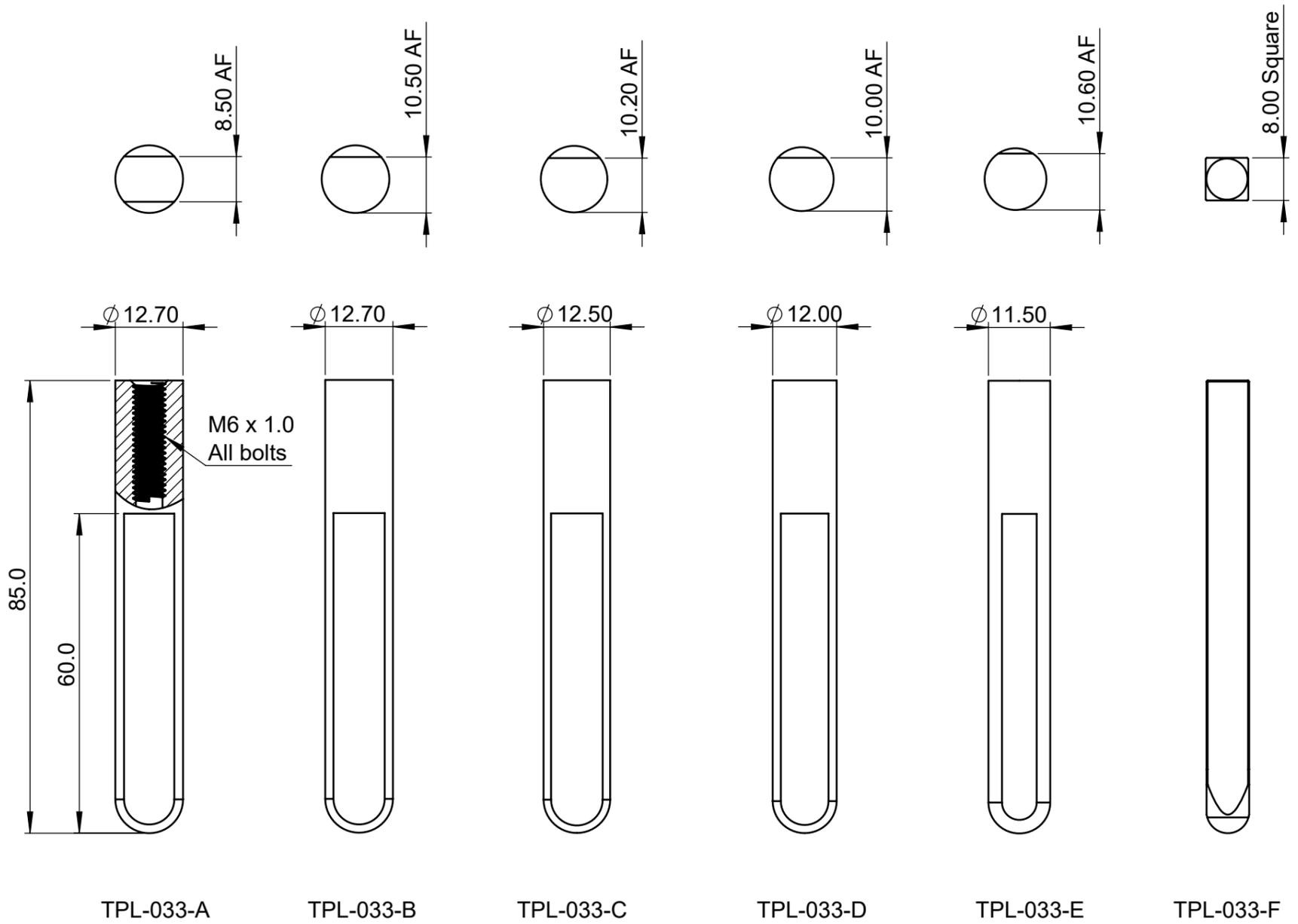


ROUTING DETAIL

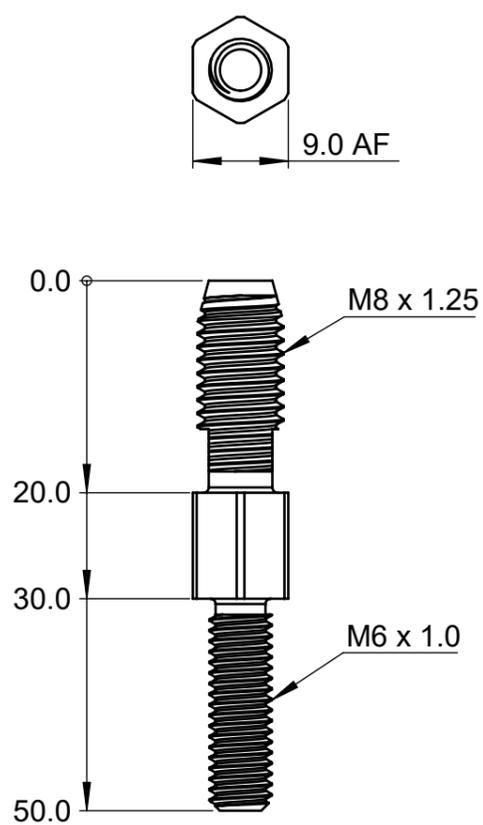
Hollow panels with TwinPoint Gen2 double handle keyed



BOLT DETAILS



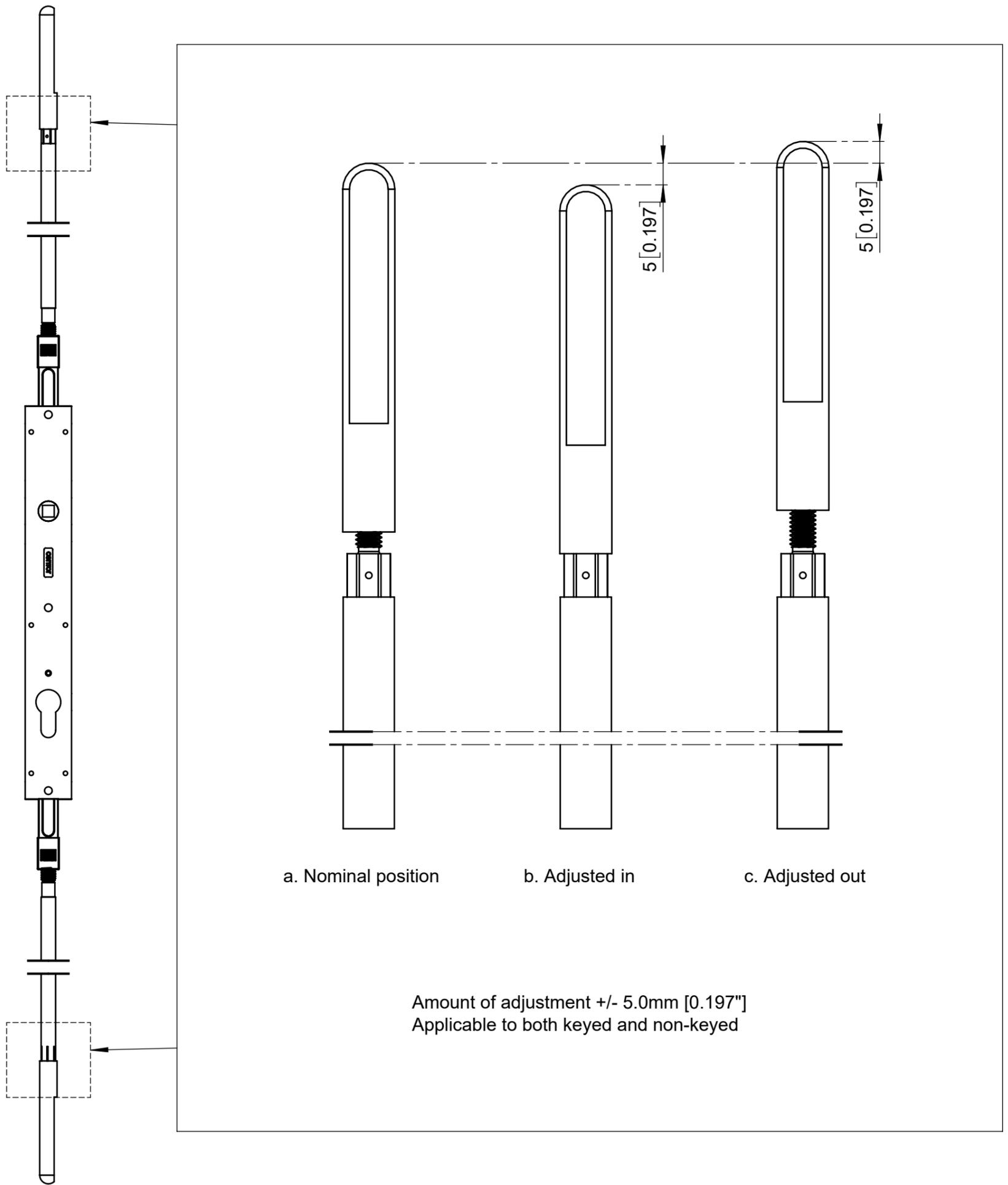
The bolt adaptor (supplied with any bolt)



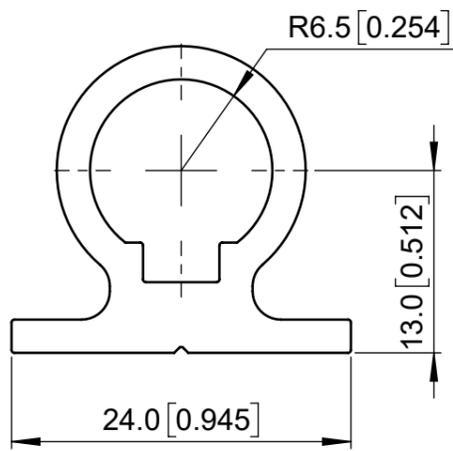
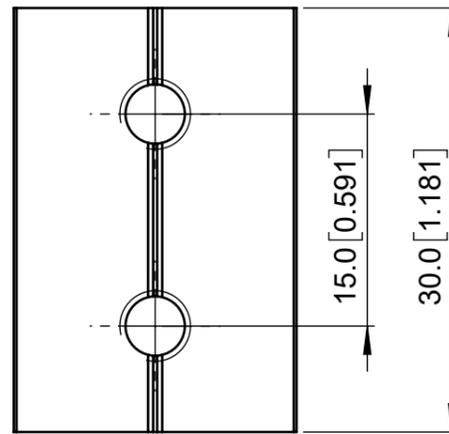
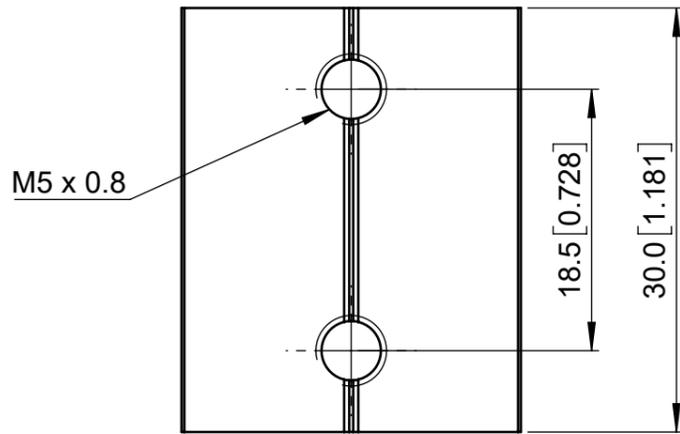
Notes:

1. All dimensions in mm.

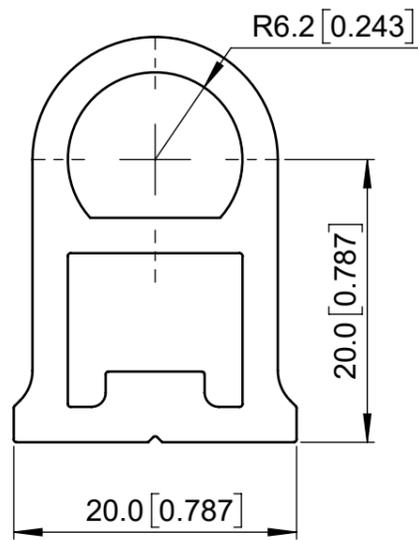
BOLT ADJUSTMENT DETAIL



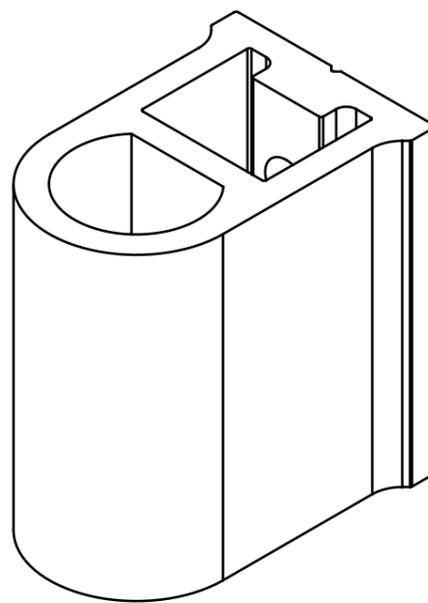
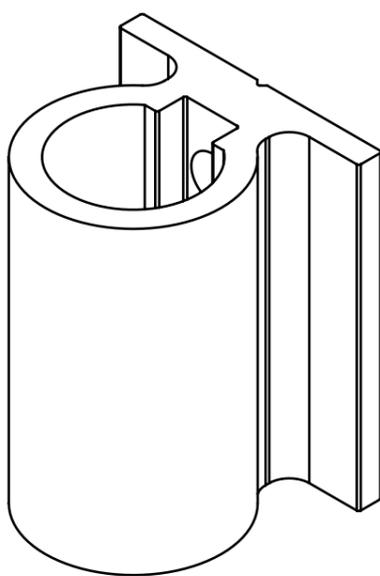
BOLT GUIDE DETAILS



TPL-034

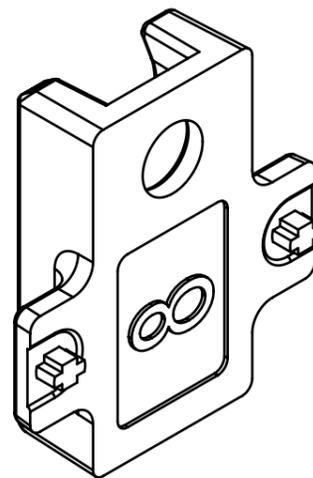
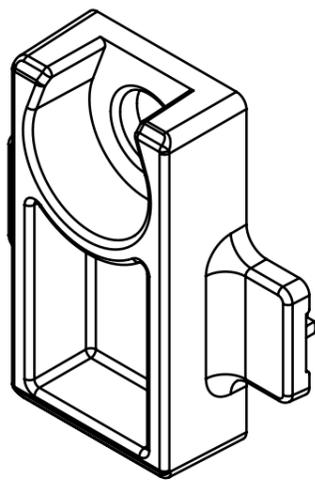
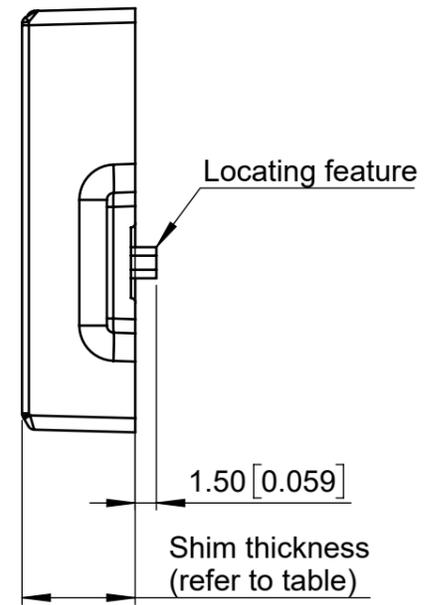
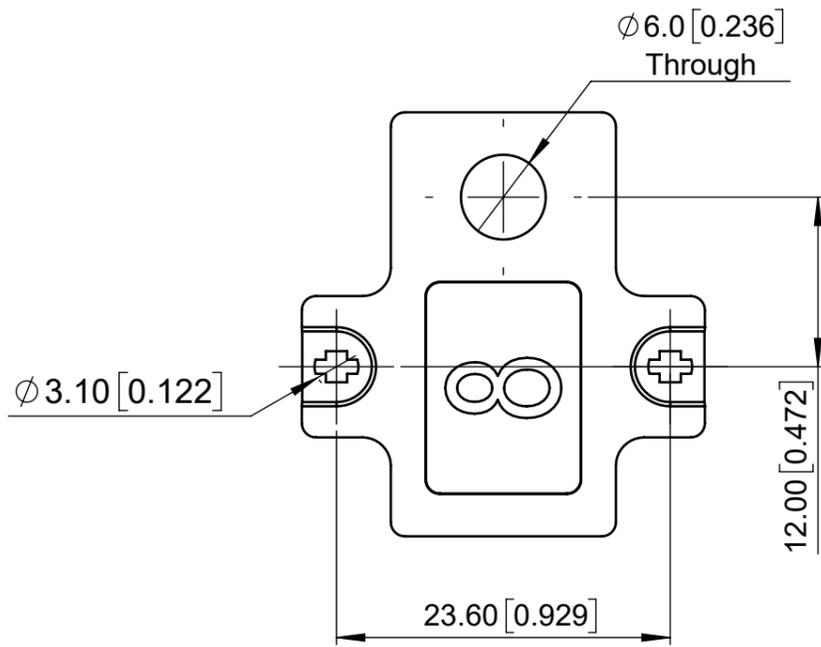


TPL-035



TwinPoint Gen2
SHIM DETAIL

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

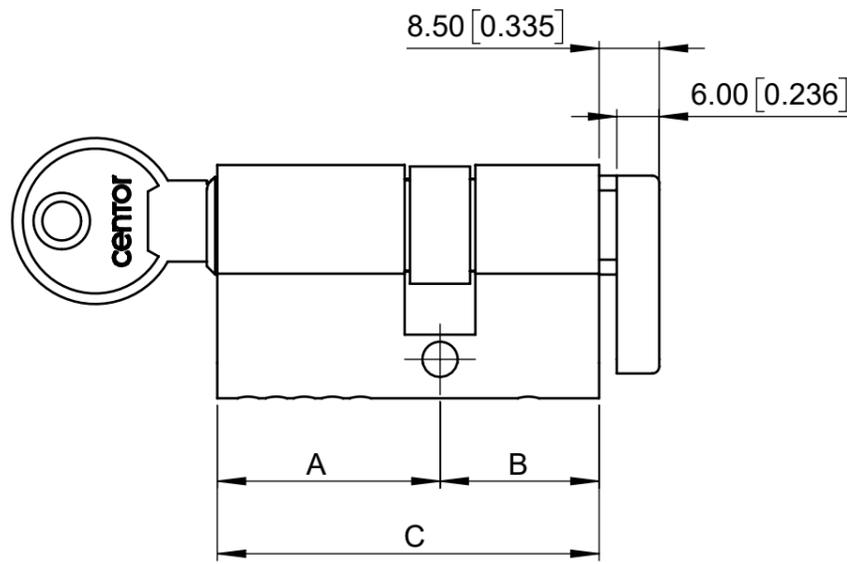


Notes:
8mm [0.315"] shim shown.

LOCK CYLINDER DETAIL

Cylinder size

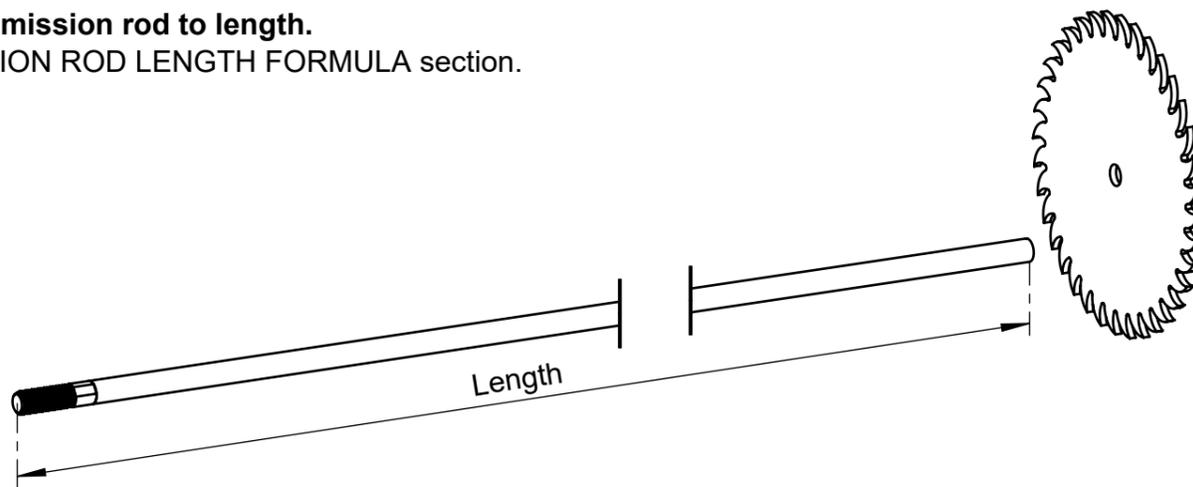
Cylinder type	Dimension			Panel thickness
	A	B	C	
TPL-019	31.5mm [1.240]	22.5mm [0.886]	54mm [2.126]	44.45mm [1.750]
TPL-020	36.5mm [1.437]	30.5mm [1.201]	67mm [2.638]	57.15mm [2.250]



TRANSMISSION ROD AND BOLT ASSEMBLY

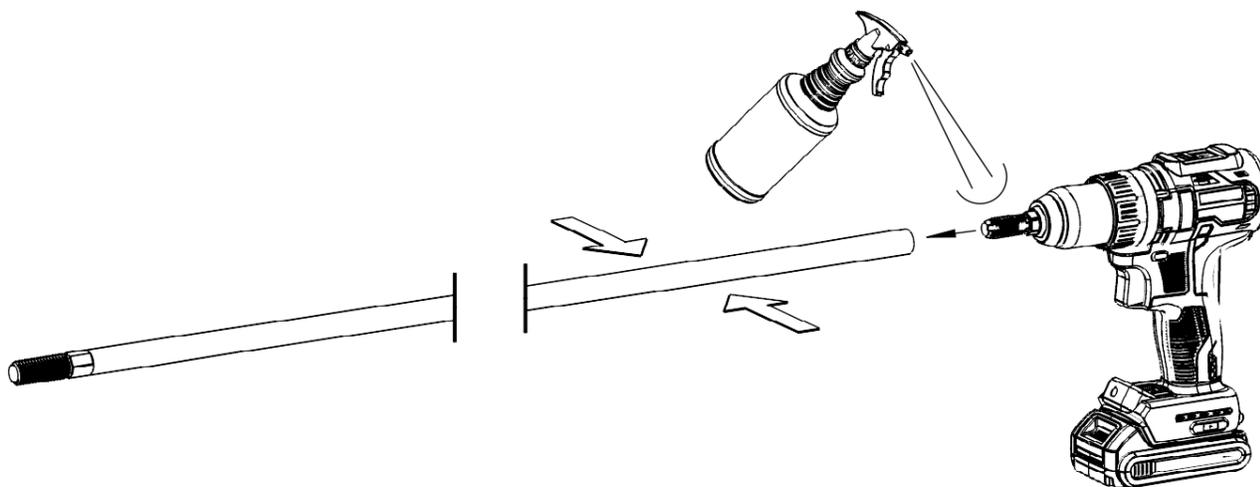
Step 1. Cut the transmission rod to length.

Refer to TRANSMISSION ROD LENGTH FORMULA section.



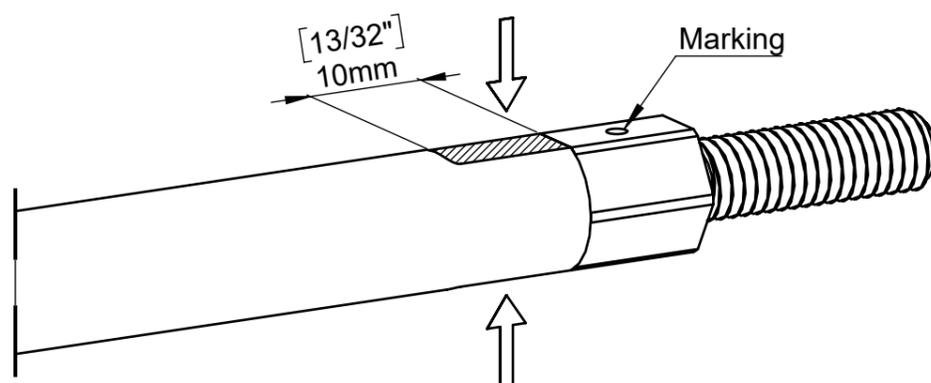
Step 2. Fit the bolt adaptor.

- 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.



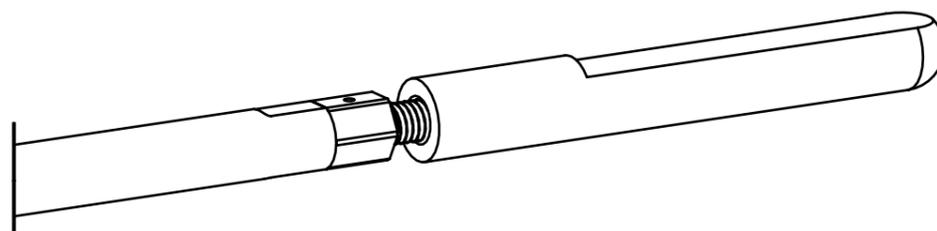
Step 3. Secure the bolt adaptor.

- 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.

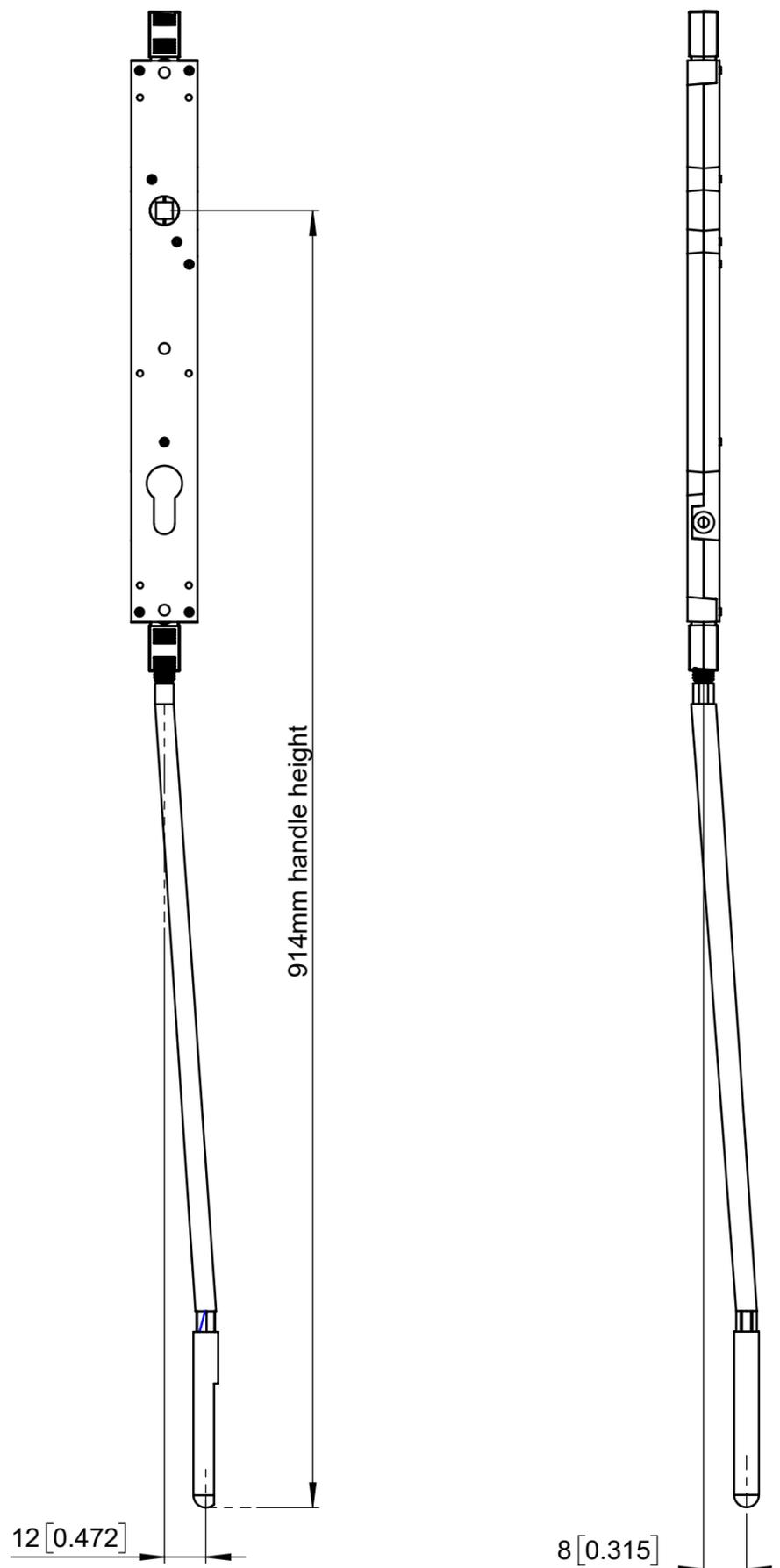
- Thread the bolt onto the adaptor.
- After lock installed, adjust the bolt in and out to suit the panel height - refer to **Bolt Adjustment Detail** section.



LOCK BODY & BOLT ALIGNMENT

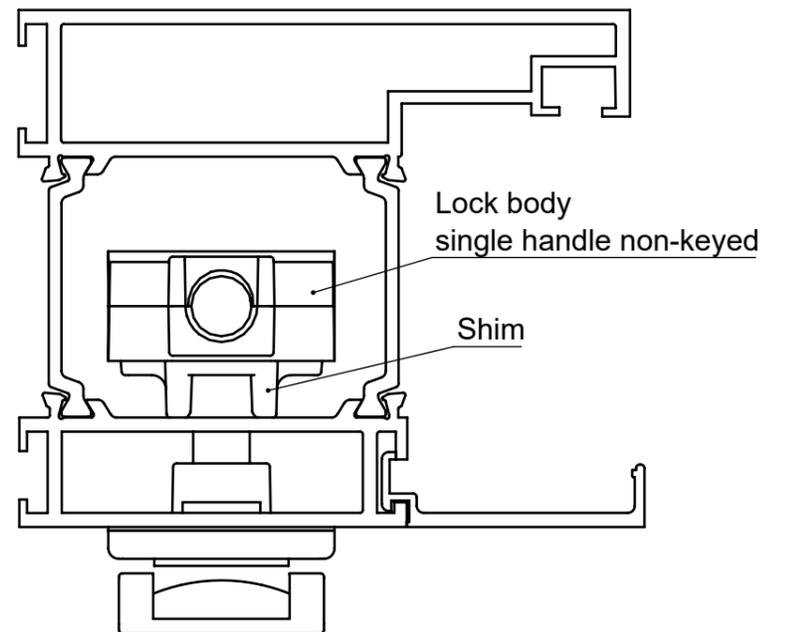
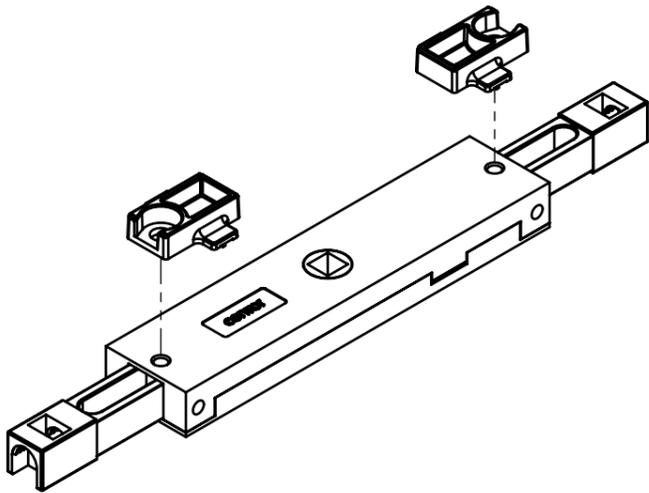
The lock body and bolt allow certain misalignment when fitted in hollow panel. The amount of misalignment is determined by the length of transmission rod.

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

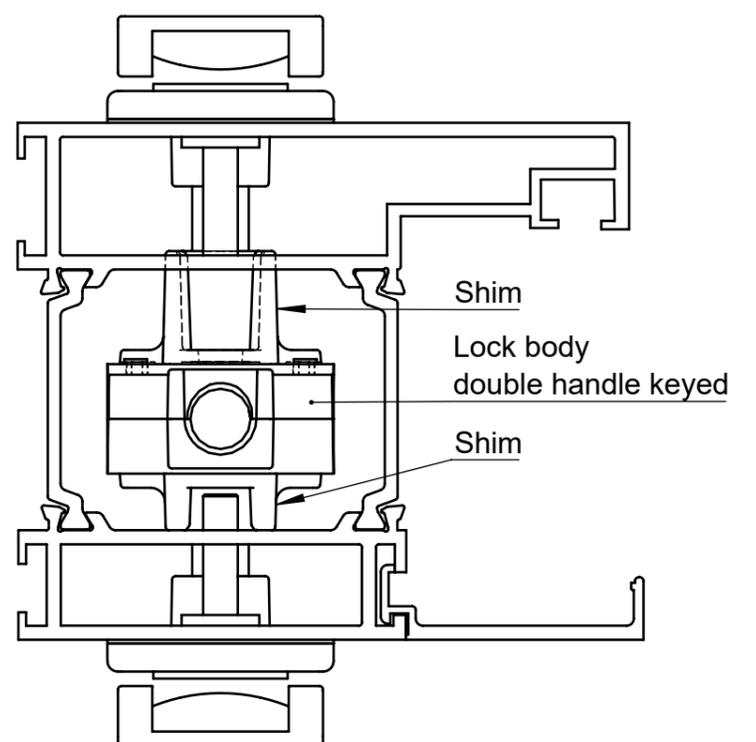
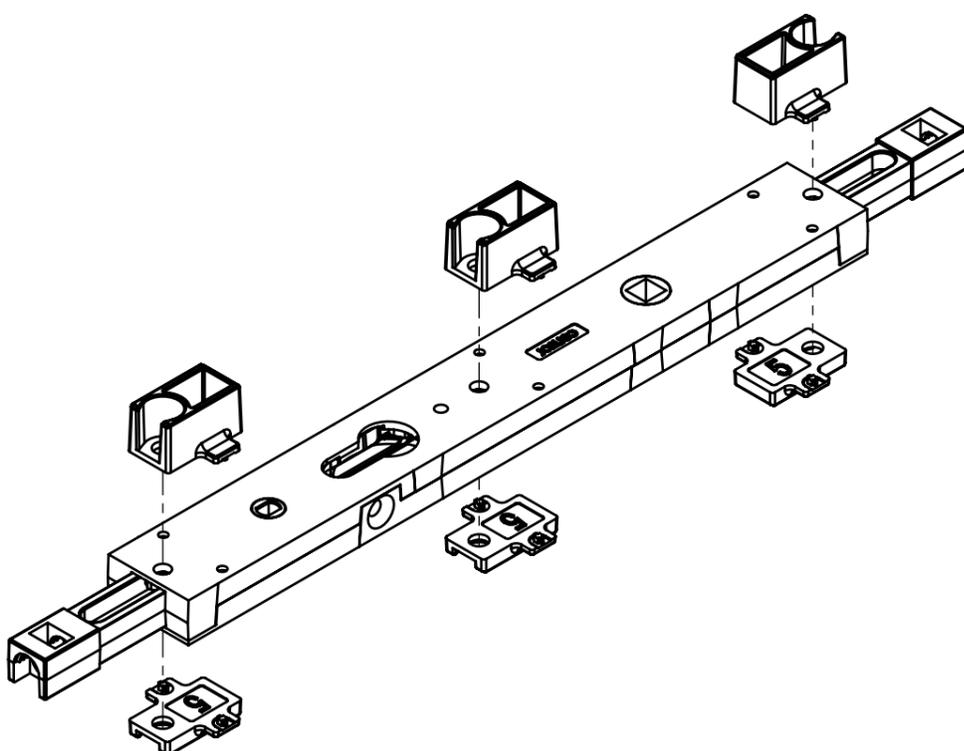


LOCK BODY & SHIM ARRANGEMENT

Single handle non-keyed in hollow stile



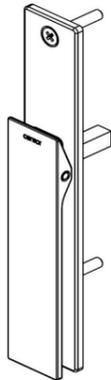
Double handle keyed in hollow stile



Part	Item number	Item name
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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

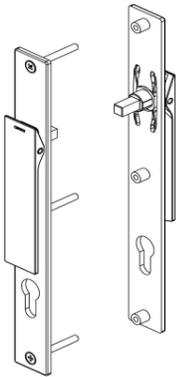
2 1/4" thick panel

- 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

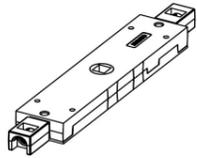
Lock bodies

Contents
 1 x lock body

For single handle

Non-keyed

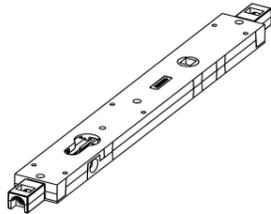
- TPL-004 Lock body to suit single handle 7", non-keyed



For double handle

Keyed

- TPL-003 Lock body to suit double handle 11", keyed



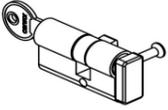
Part	Item number	Item name
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Key-knob lock cylinders

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

54mm (31.5-22.5)

Left hand



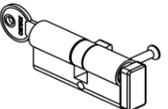
- TPL-019-L-US15 Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), left hand, satin nickle
- TPL-019-L-MB Lock cylinder Euro Key-Knob schlage 54 (31.5 - 22.5), left hand, matt black

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

67mm (36.5-30.5)

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

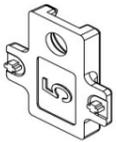
Right hand

- 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

Shims

Contents
 50 x shims

3/16" (5mm)



- TPL-038-05-50 Shim 3/16" (5mm) (bag of 50)

5/16" (8mm)

- TPL-038-08-50 Shim 5/16" (8mm) (bag of 50)

5/8" (16mm)

- TPL-038-16-50 Shim 5/8" (16mm) (bag of 50)

Transmission rod sets

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

8' high panel



- TPL-041-24 Transmission rod set hollow panels 8' panel

10' high panel

- TPL-041-30 Transmission rod set hollow panels 10' panel

13' high panel

- TPL-041-40 Transmission rod set hollow panels 13' panel

Part	Item number	Item name
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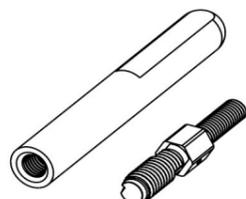
Bolt and adaptor kits

Contents

bag of 2 - 2 x bolts, 2 x adaptors (not attached).
bag of 20 - 20 x bolts, 20 x adaptors (not attached).

Round

0.500" (12.7mm)



- TPL-033-B-02 Bolt and adaptor kit, 12.7 diameter, single flat, stainless steel (bag of 2)
- TPL-033-B-20 Bolt and adaptor kit, 12.7 diameter, single flat, stainless steel (bag of 20)
- TPL-033-A-02 Bolt and adaptor kit, 12.7 diameter, double flat, stainless steel (bag of 2)
- TPL-033-A-20 Bolt and adaptor kit, 12.7 diameter, double flat, stainless steel (bag of 20)

0.492" (12.5mm)

- TPL-033-C-02 Bolt and adaptor kit, 12.5 diameter, single flat, stainless steel (bag of 2)
- TPL-033-C-20 Bolt and adaptor kit, 12.5 diameter, single flat, stainless steel (bag of 20)

0.472" (12.0mm)

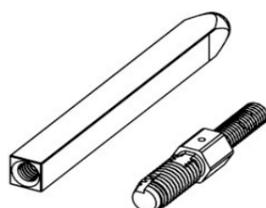
- TPL-033-D-02 Bolt and adaptor kit, 12.0 diameter, single flat, stainless steel (bag of 2)
- TPL-033-D-20 Bolt and adaptor kit, 12.0 diameter, single flat, stainless steel (bag of 20)

0.453" (11.5mm)

- TPL-033-E-02 Bolt and adaptor kit, 11.5 diameter, single flat, stainless steel (bag of 2)
- TPL-033-E-20 Bolt and adaptor kit, 11.5 diameter, single flat, stainless steel (bag of 20)

Square

0.315" (8.0mm)



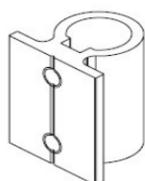
- TPL-033-F-02 Bolt and adaptor kit, 8mm square, stainless steel (bag of 2)
- TPL-033-F-20 Bolt and adaptor kit, 8mm square, stainless steel (bag of 20)

Bolt guides

Contents

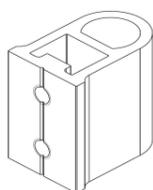
bag of 2 - 2 x bolt guides, 4 x 8mm long screws.
bag of 20 - 20 x bolt guides, 40 x 8mm long screws.

0.512" (13.0mm) diameter



- TPL-034-NF-02 Bolt guide aluminium ID 0.512" (13.0mm), single flat, 1/2" (13mm) offset (bag of 2)
- TPL-034-NF-20 Bolt guide aluminium ID 0.512" (13.0mm), single flat, 1/2" (13mm) offset (bag of 20)

0.488" (12.4mm) diameter



- TPL-035-NF-02 Bolt guide aluminium ID 0.488" (12.4mm), single flat, 13/16" (20mm) offset (bag of 2)
- TPL-035-NF-20 Bolt guide aluminium ID 0.488" (12.4mm), single flat, 13/16" (20mm) offset (bag of 20)

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