



VISION Slide System
Follows Vision in Sliding
Systems

TECHNICAL



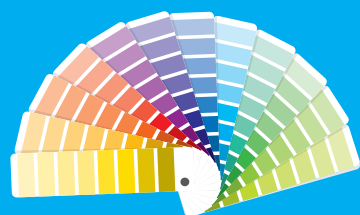
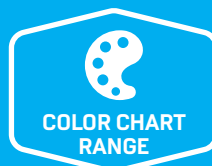
WINDOW & DOOR SYSTEMS



VORNE VISION SLIDE Systems, are designed to create new horizons in sliding systems . Thanks to the smooth sliding motion is providing superior user pleasure. It provides excellent sound and heat insulation in all living spaces through its patented smart locking points.

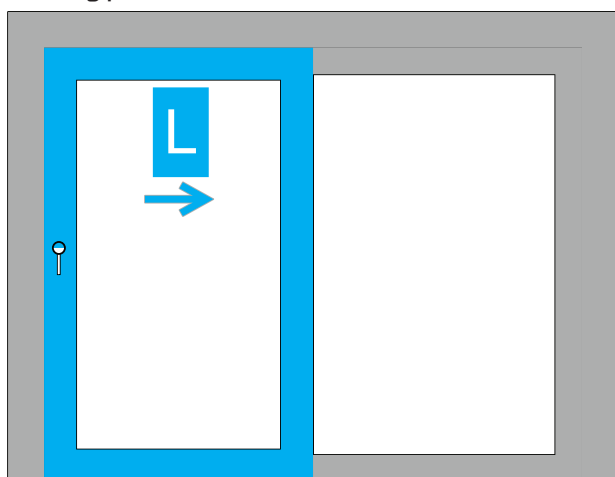
- * Easy operation
- * Easy Assembly
- * High Performance Insulation
- * Extra Safety
- * Less Maintenance
- * 200kg
- * 600mm - 2100mm width
- * 450mm - 2400mm height
- * 8 mm opening distance
- * Ventilation function

VORNE VISION SLIDE SYSTEM's colour applications; White (RAL 9016), Silver, Black (RAL 9005), Grey Anthracite (RAL 7016) are in our stock. Also for special projects, it can be produced in all RAL colors.



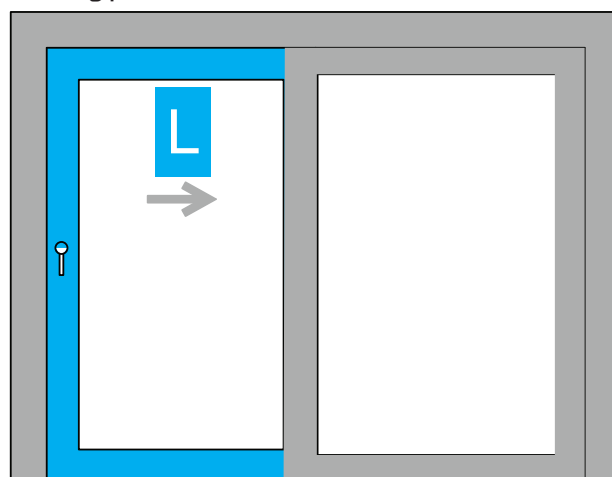
Profile Information

Working position of the sash inside



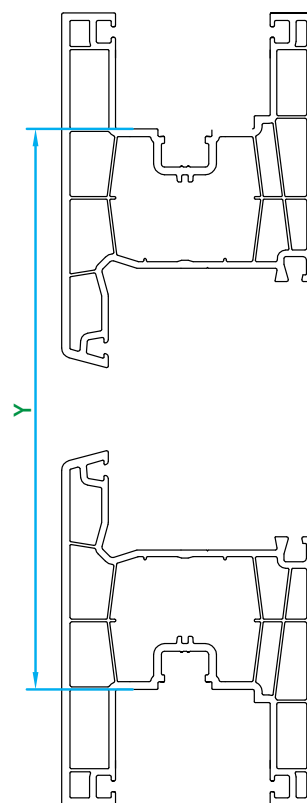
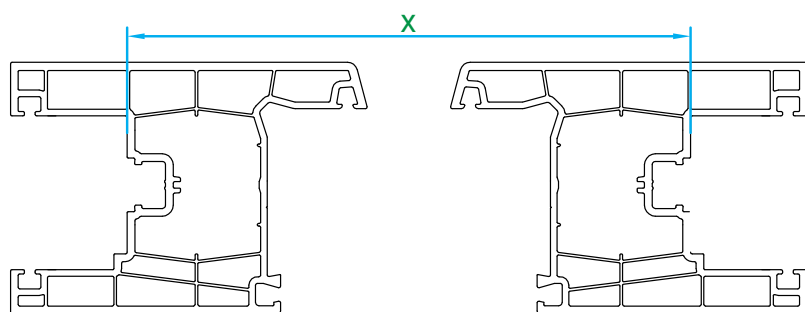
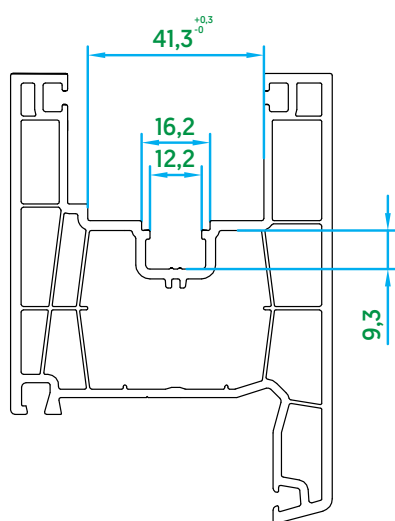
L Sliding Sash (Right or Left)
1 Fixed Window

Working position with the sash out



L Sliding Sash (Right or Left)
1 Fixed Window

Sash Profile

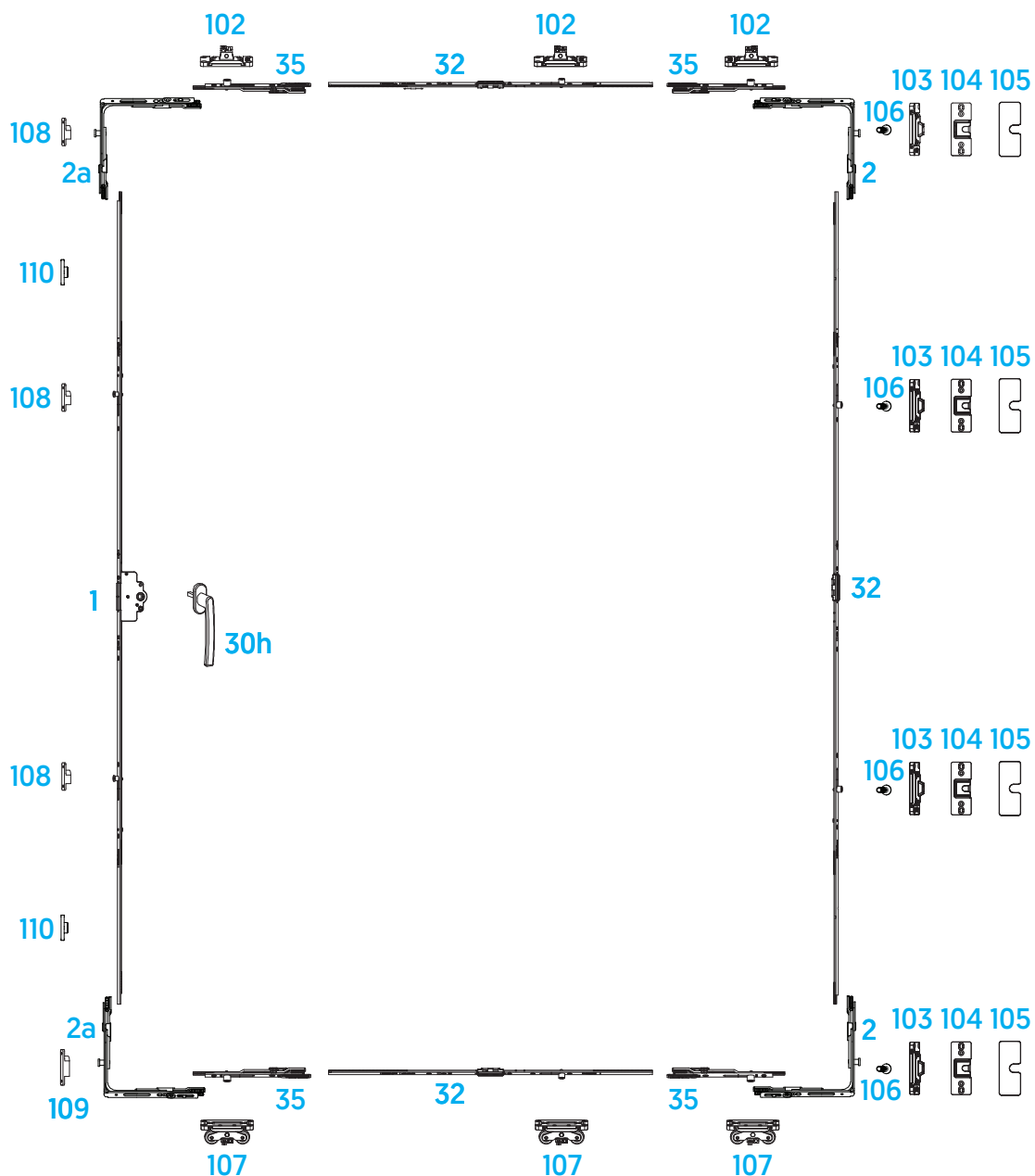


X = Sash Width Dimension
Y = Sash Length Measurement

System Chart

Vision Slide System Chart

1	Gear
2	Corner Slider
2a	Security Corner Slider
32	Connection Gear
30h	Handle
35	Extension Part
102	Guide Unit L/R
103	Center Locking L/R
104	Center Locking Striker
105	Center Locking Striker Cover Cap
106	Locking Pin
107	Bogie Unit L/R
108	Striker
109	Ventilation Striker
110	Stopper



Set Contents

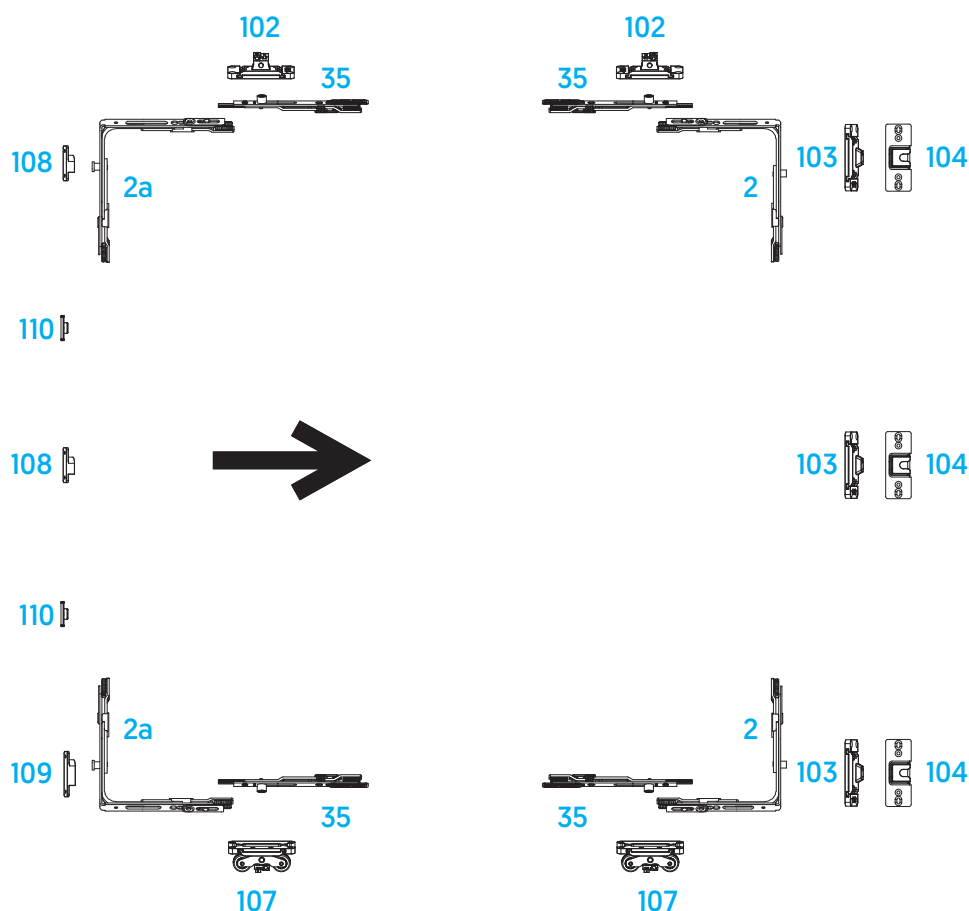
Set Contents 1000/L (V.4750.1L01)

No	Article	Article Code	Qty
2	Corner Slider / 150 RC1 x 130 (mm)	V.0601.0102	2
2a	Corner Slider / 150 SC1 x 130 (mm)	V.0601.0202	2
35	Extension Part	V.1102.0102	4
102	Guide Unit L	V.4752.0L02	2
103	Center Locking L	V.4753.0L02	3
104	Center Locking Striker	V.4762.0102	3
107	Bogie Unit L	V.4751.1L02	2
108	Striker	V.4761.0102	2
109	Ventilation Striker	V.4761.0202	1
110	Stopper	V.4764.0116	2



Set Contents 1000/R (V.4750.1R01)

No	Article	Article Code	Qty
2	Corner Slider / 150 RC1 x 130 (mm)	V.0601.0102	2
2a	Corner Slider / 150 SC1 x 130 (mm)	V.0601.0202	2
35	Extension Part	V.1102.0102	4
102	Guide Unit R	V.4752.0R02	2
103	Center Locking R	V.4753.0R02	3
104	Center Locking Striker	V.4762.0102	3
107	Bogie Unit R	V.4751.1R02	2
108	Striker	V.4761.0102	2
109	Ventilation Striker	V.4761.0202	1
110	Stopper	V.4764.0116	2



Profile Name	Set Code
Adopen	V.4750.1x01
Aluplast Smart Slide	V.4750.1x01
Asaş Inowa	V.4750.1x01
Decco	V.4750.1x01
Gealan SMOOVIO	V.4750.1x01
Rehau Inowa	V.4750.1x01
Rehau Synego	V.4750.1x01
Schuco Inowa	V.4750.1x01
Technocom	V.4750.1x01



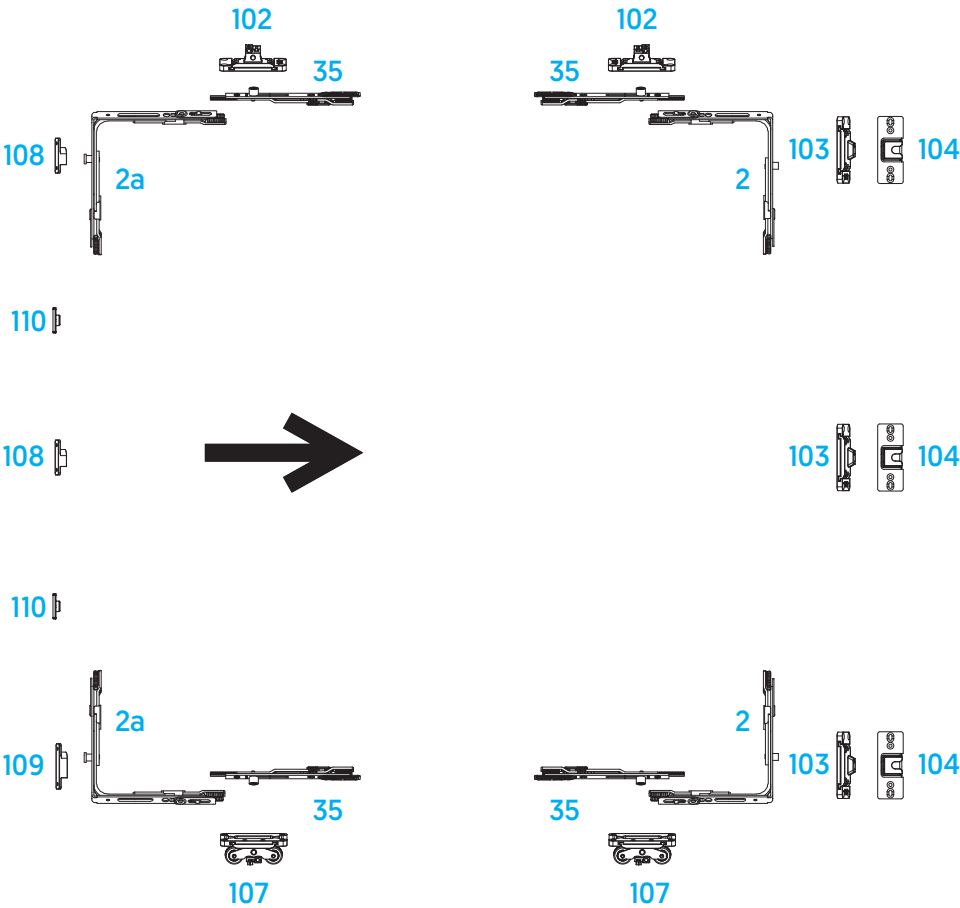
Set Contents

Set Contents 2000/L [V.4750.2L01]

No	Article	Article Code	Qty
2	Corner Slider / 150 RC1 x 130 (mm)	V.0601.0102	2
2a	Corner Slider / 150 SC1 x 130 (mm)	V.0601.0202	2
35	Extension Part	V.1102.0102	4
102	Guide Unit L	V.4752.0L02	2
103	Center Locking L	V.4753.0L02	3
104	Center Locking Striker	V.4762.0102	3
107	Bogie Unit L	V.4751.2L02	2
108	Striker	V.4761.0102	2
109	Ventilation Striker	V.4761.0202	1
110	Stopper	V.4764.0116	2

Set Contents 2000/R [V.4750.2R01]

No	Article	Article Code	Qty
2	Corner Slider / 150 RC1 x 130 (mm)	V.0601.0102	2
2a	Corner Slider / 150 SC1 x 130 (mm)	V.0601.0202	2
35	Extension Part	V.1102.0102	4
102	Guide Unit R	V.4752.0L02	2
103	Center Locking R	V.4753.0L02	3
104	Center Locking Striker	V.4762.0102	3
107	Bogie Unit R	V.4751.2R02	2
108	Striker	V.4761.0102	2
109	Ventilation Striker	V.4761.0202	1
110	Stopper	V.4764.0116	2

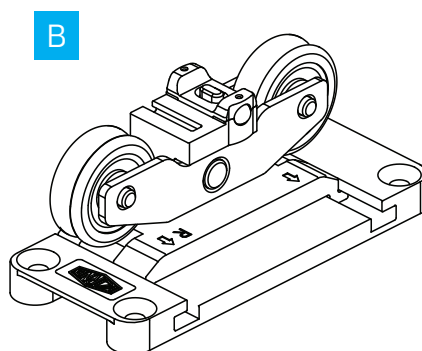
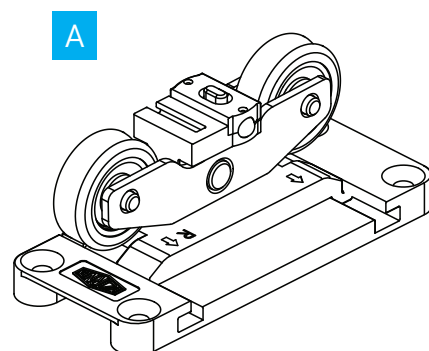


Profile Name	Set Code
Deceuninck	V.4750.2x01
Pimapen	V.4750.2x01
Salamander	V.4750.2x01
Schönlime	V.4750.2x01
Winsa	V.4750.2x01

Bogie Unit L/R



	Article Code	Article	Qty
A	V.4751.1X02	Bogie Unit 1L/R	3
B	V.4751.2X02	Bogie Unit 2L/R	3

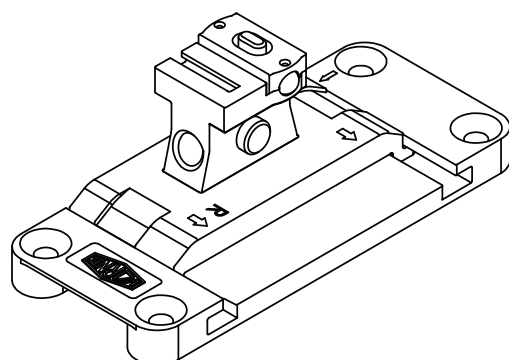


Profile Name	Supporter Slider Roller
Adopen	V.4751.1x02
Aluplast Smart Slide	V.4751.1x02
Asaş Inowa	V.4751.1x02
Decco	V.4751.1x02
Deceuninck	V.4751.2x02
Gealan SMOOVIO	V.4751.1x02
Pimapen	V.4751.2x02
Rehau Inowa	V.4751.1x02
Rehau Synego	V.4751.1x02
Salamander	V.4751.2x02
Schönlne	V.4751.2x02
Schuco Inowa	V.4751.1x02
Tecnocom	V.4751.1x02
Winsa	V.4751.2x02

Width Dimensions	
600 - 1200 mm	2 Pieces
1201 - 2100 mm	3 Pieces

Guide Unit L/R

	Article Code	Article	Qty
	V.4752.0X02	Guide Unit L/R	3

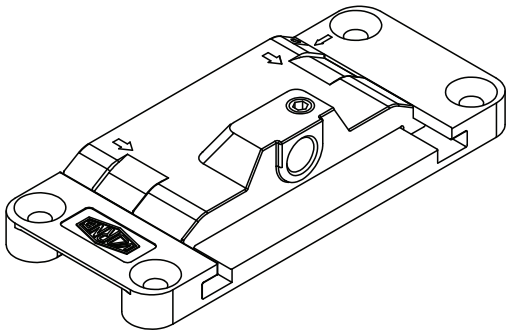


Width Dimensions	
600 - 1200 mm	2 Pieces
1201 - 2100 mm	3 Pieces

■

Center Locking L/R

	Article Code	Article	Qty
	V.4753.0X02	Center Locking L/R	3



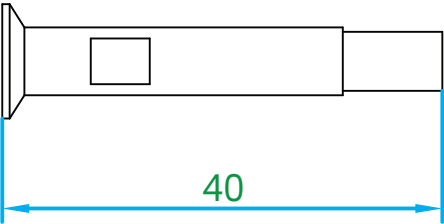
Length Dimensions	
< 1200mm	2 Pieces
1201mm - 1700mm	3 Pieces
1701mm - 2400mm	4 Pieces

■

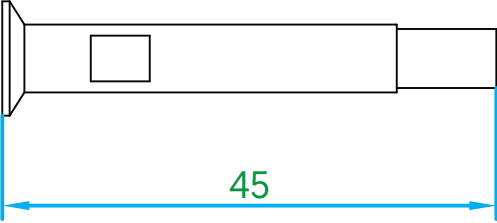
Locking Pin

	Article Code	Article	Qty
A	V.4754.0140	Looking Pin	10
B	V.4754.0145	Looking Pin	10
C	V.4754.0150	Looking Pin	10

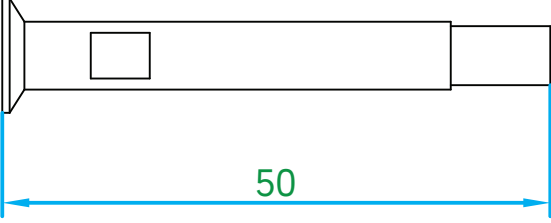
A



B



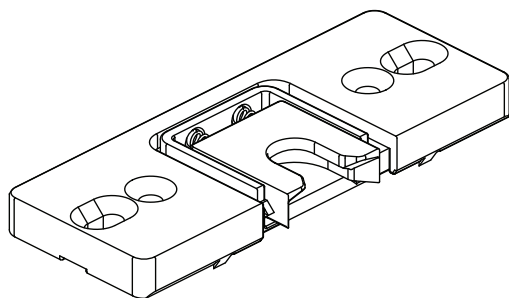
C



Profile Name	Looking Cam
Adopen	45mm
Aluplast Smart Slide	50mm
Asaş Inowa	45mm
Decco	50mm
Deceuninck	40mm
Gealan SMOOVIO	50mm
Pimapen	40mm
Rehau Inowa	45mm
Rehau Synego	50mm
Salamander	50mm
Schönlne	45mm
Schuco Inowa	45mm
Tecnocom	45mm
Winsa	40mm

Center Locking Striker

	Article Code	Article	Qty
	V.4762.0102	Center Locking Striker	3

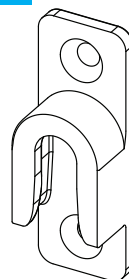


Striker

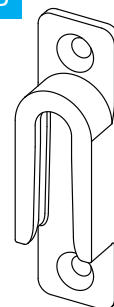


	Article Code	Article	Qty	
A	V.4761.0102	Striker	10	2
B	V.4761.0202	Ventilation Striker	10	2

A

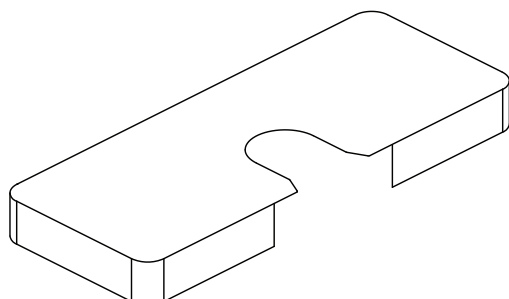


B



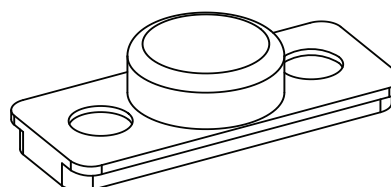
Center Locking Striker Cover Cap

	Article Code	Article	Colour	Qty
	V.4762.0007	Center Locking Striker Cover Cap	White RAL 9016	10
	V.4762.0010	Center Locking Striker Cover Cap	Silver	10
	V.4762.0016	Center Locking Striker Cover Cap	Black RAL 9005	10
	V.4762.0032	Center Locking Striker Cover Cap	Anthracite Grey RAL 7016	10



Stopper

	Article Code	Article	Colour	Qty
	V.4764.0116	Stopper	Black RAL 9005	10



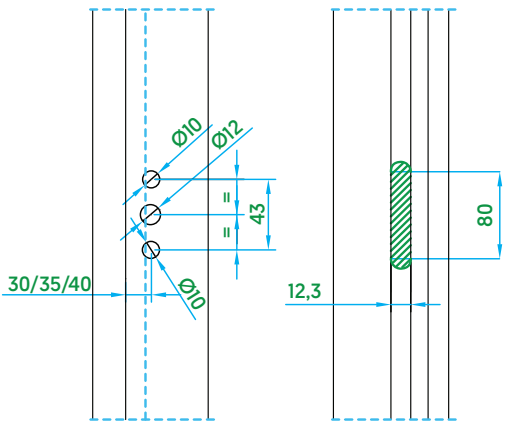
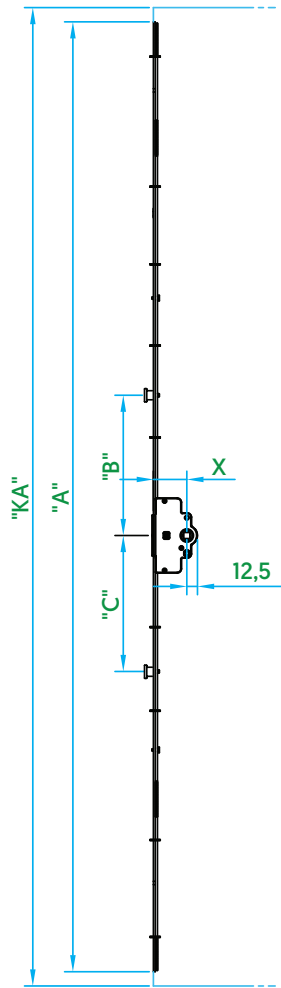


Gear

Variable / 30-35-40 Axis

'X' [Axis]	Article Code SC 	Article	Qty	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]		
30 mm	V.0228.0102	Gear	10	450 - 700	400	-	-	-	-
	V.0236.0202	Gear	10	700 - 1200	900	111	-	1	3
	V.0236.0402	Gear	10	1200 - 1700	1400	111	-	1	6
	V.0236.0502	Gear	10	1700 - 2200	1900	350	350	2	8
	V.0236.0802	Gear	10	1900 - 2400	2150	350	350	2	10
35 mm	V.0218.0102	Gear	10	450 - 700	400	-	-	-	-
	V.0238.0202	Gear	10	700 - 1200	900	111	-	1	3
	V.0238.0402	Gear	10	1200 - 1700	1400	111	-	1	6
	V.0238.0502	Gear	10	1700 - 2200	1900	350	350	2	8
	V.0238.0802	Gear	10	1900 - 2400	2150	350	350	2	10
40 mm	V.0233.0102	Gear	10	450 - 700	400	-	-	-	-
	V.0240.0202	Gear	10	700 - 1200	900	111	-	1	3
	V.0240.0402	Gear	10	1200 - 1700	1400	111	-	1	6
	V.0240.0502	Gear	10	1700 - 2200	1900	350	350	2	8
	V.0240.0802	Gear	10	1900 - 2400	2150	350	350	2	10

Profile Name	Gear Axis
Adopen	40
Aluplast Smart Slide	35
Asaş Inowa	40
Decco	35
Deceuninck	40
Gealan SMOOVIO	35
Pimapen	40
Rehau Inowa	40
Rehau Synego	35/40
Salamander	35
Schönlne	40
Schuco Inowa	40
Tecnocom	40
Winsa	40



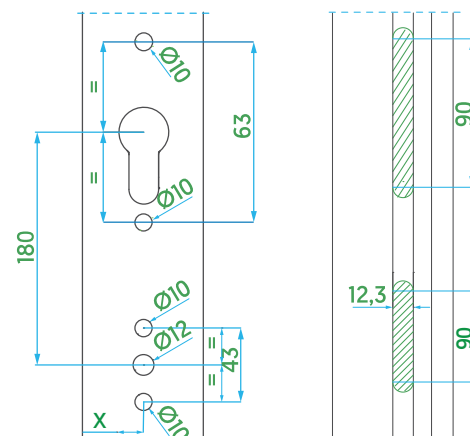
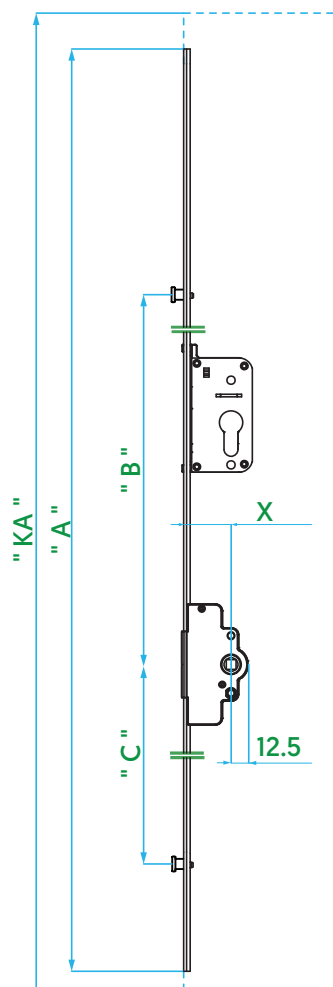
Locked Door Gear

Variable / 30-35-40 Axis



'X' [Axis]	Article Code SC 	Article	Qty	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]		
30 mm	V.6106.0402	Locked Door Gear	10	1200 - 1700	1400	111	-	1	5
	V.6106.0502	Locked Door Gear	10	1700 - 2200	1900	350	350	2	8
	V.6106.0802	Locked Door Gear	10	1900 - 2400	2150	350	350	2	10
35 mm	V.6107.0402	Locked Door Gear	10	1200 - 1700	1400	111	-	1	5
	V.6107.0502	Locked Door Gear	10	1700 - 2200	1900	350	350	2	8
	V.6107.0802	Locked Door Gear	10	1900 - 2400	2150	350	350	2	10
40 mm	V.6108.0402	Locked Door Gear	10	1200 - 1700	1400	111	-	1	5
	V.6108.0502	Locked Door Gear	10	1700 - 2200	1900	350	350	2	8
	V.6108.0802	Locked Door Gear	10	1900 - 2400	2150	350	350	2	10

Profile Name	Gear Axis
Adopen	40
Aluplast Smart Slide	35
Asaş Inowa	40
Decco	35
Deceuninck	40
Gealan SMOOVIO	35
Pimapen	40
Rehau Inowa	40
Rehau Synego	35/40
Salamander	35
Schönlne	40
Schuco Inowa	40
Tecnocom	40
Winsa	40

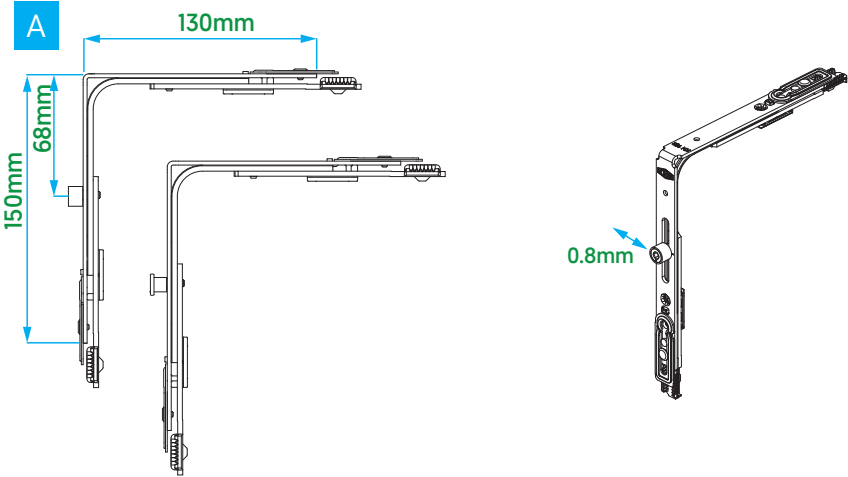




Corner Slider

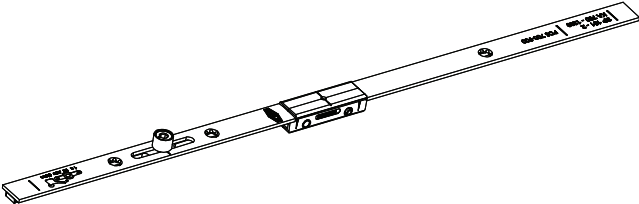
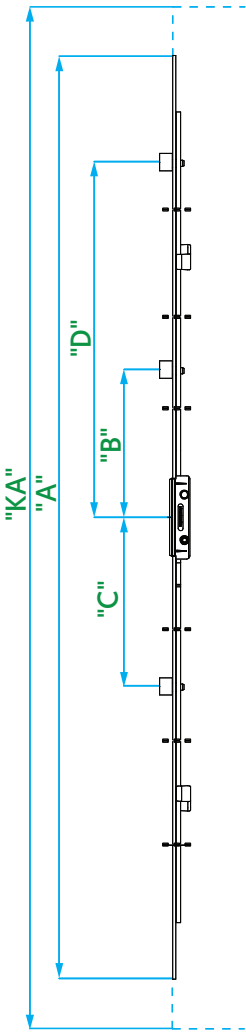
Standart & Security Cam (Single Cam)

	Article Code	Article	Qty			
	V.0601.0102	Corner Slider / 150 RC1 x 130 (mm)	100	1	-	4
	V.0601.0202	Corner Slider / 150 SC1 x 130 (mm)	100	-	1	4



	Article Code RC 	Article	Qty	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]		
Vertical	V.0207.0102	Connection Gear	10	450 - 700	400	-	-	-	-
	V.0213.0202	Connection Gear	10	700 - 1200	900	-	-	-	3
	V.0213.0402	Connection Gear	10	1200 - 1700	1400	111	-	1	6
	V.0213.0502	Connection Gear	10	1700 - 2200	1900	350	350	2	8
	V.0213.0802	Connection Gear	10	1900 - 2400	2150	350	350	2	10
	Article Code RC 	Article	Qty	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]		
Horizontal	V.0207.0102*	Connection Gear	10	600 - 960	400	-	-	-	-
	V.0213.0202	Connection Gear	10	961 - 1200	900	-	-	-	3
	V.0213.1202	Connection Gear	10	1201 - 1460	900	-	-	1	3
	V.0213.0402	Connection Gear	10	1461 - 1960	1400	111	-	1	6
	V.0213.0502	Connection Gear	10	1961 - 2100	1900	350	350	2	8

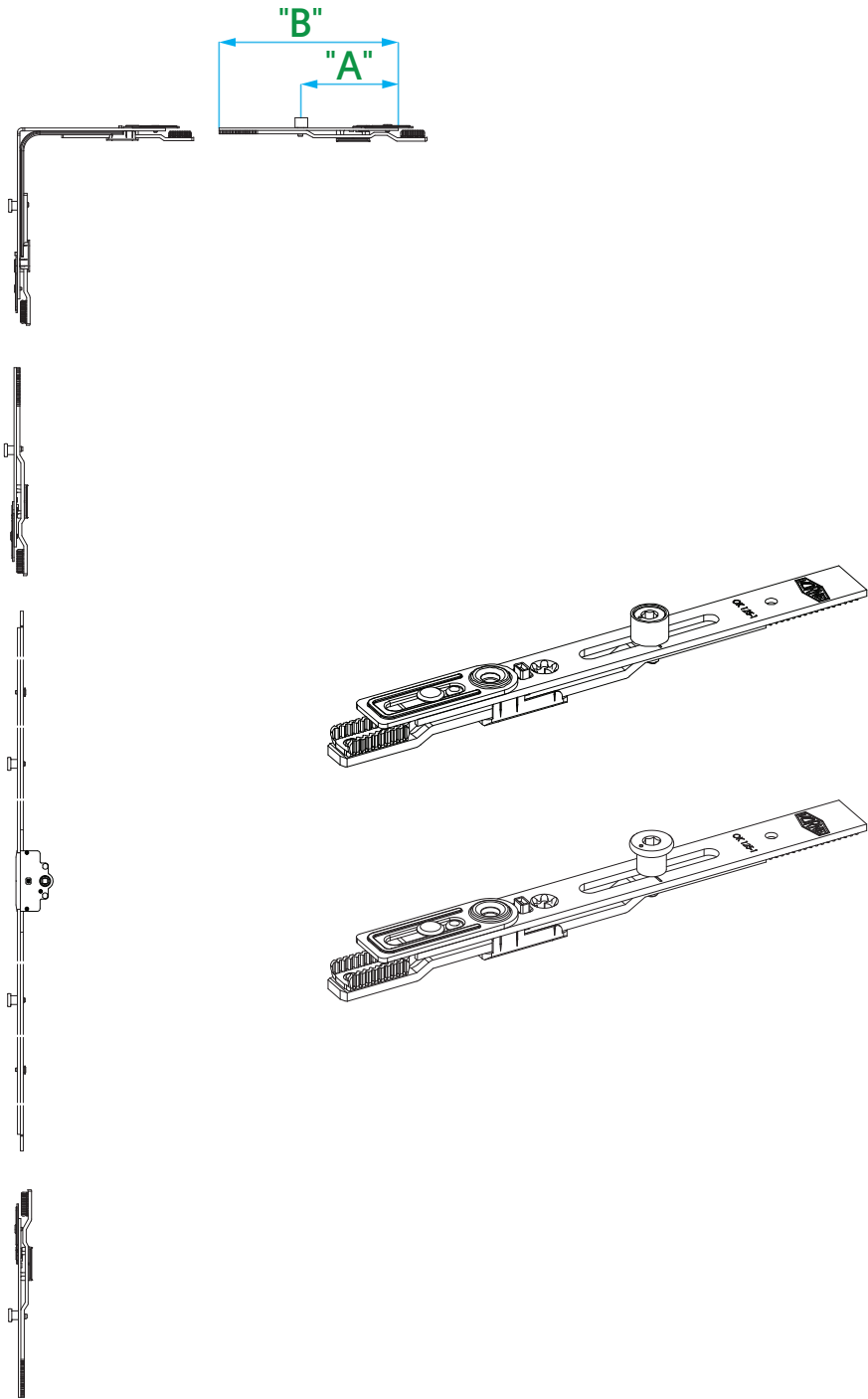
* Short corner should be used for 600mm - 760mm.



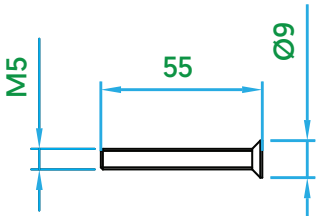
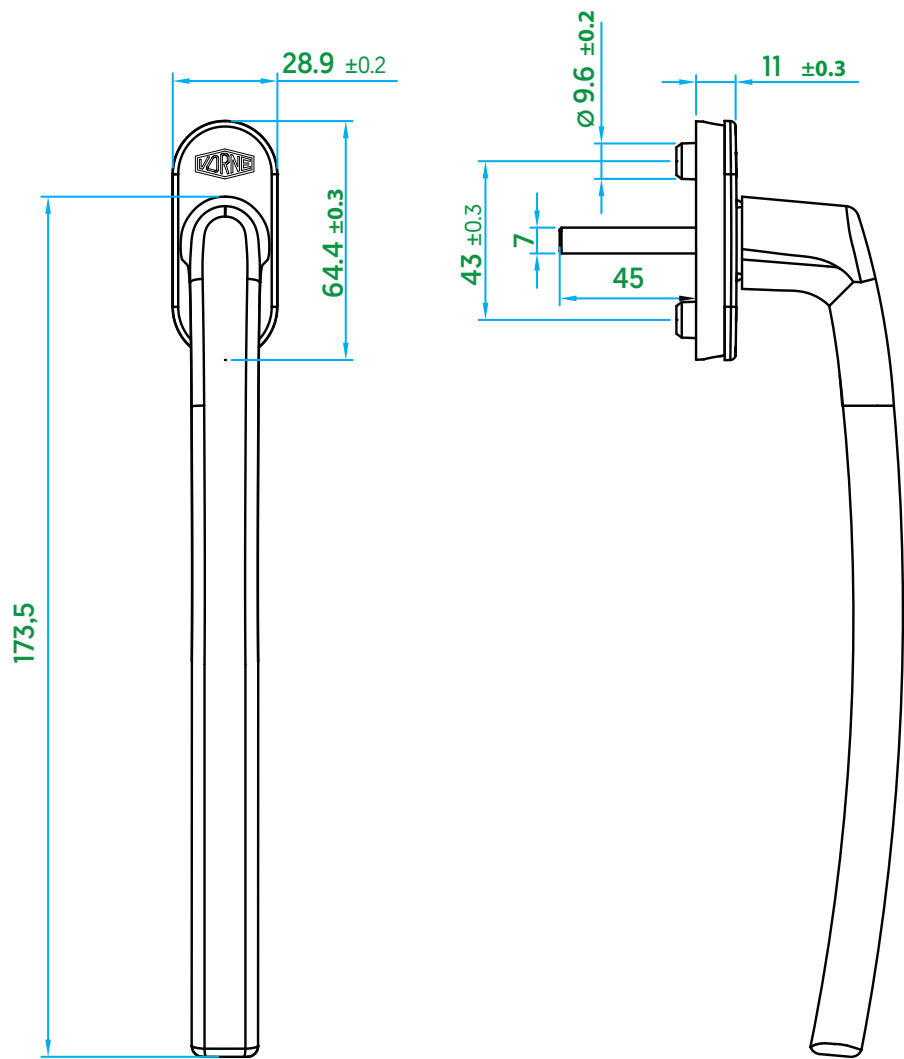
Extension Part

	Article Code	Article	Qty	'A' (mm)	'B' (mm)			
	V.1102.0102	Extension Part	10	82	150	1	-	2
	V.1102.0402*	Extension Part	10	82	200	1	-	2
	V.1103.0402*	Extension Part	10	82	200	-	1	2

* It is used on the vertical parts of the sash when the locking distances are required to be max 700 mm.
The cutting of the gears should be done by considering the 200 mm extension part size.

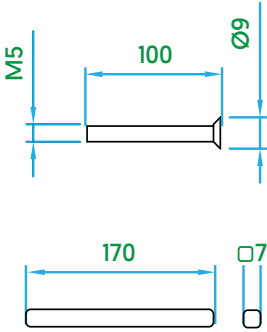
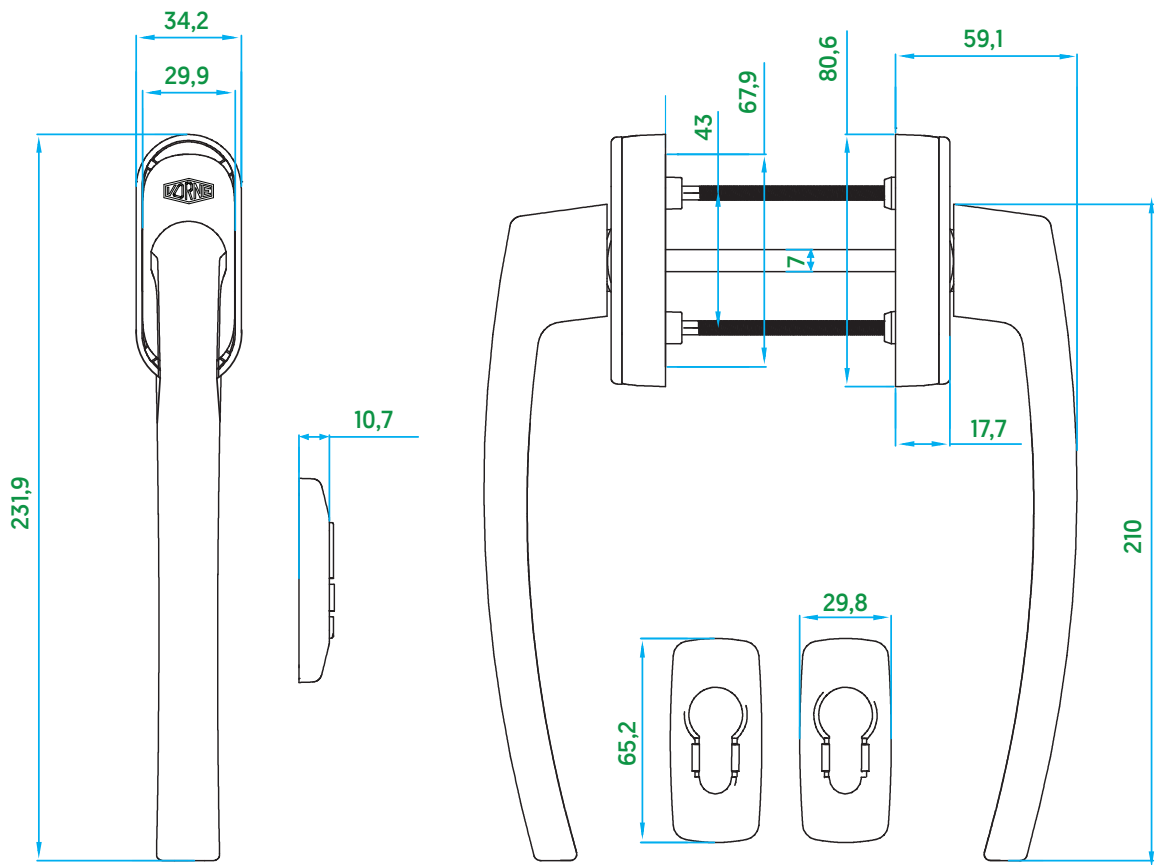


	Article Code	Article	Colour	Qty
	T.4601.0307	Handle	White / RAL 9016	1
	T.4601.0310	Handle	Silver	1
	T.4601.0316	Handle	Black / RAL 9005	1
	T.4601.0332	Handle	Anthracite Grey / RAL 7016	1

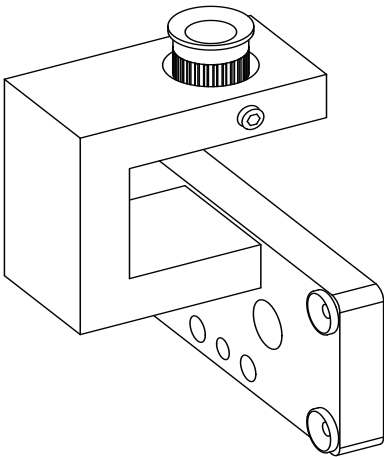


Double Side Handle

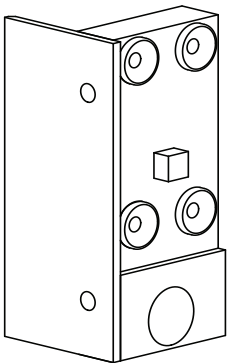
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	T.4603.0307	Double Side Handle	White / RAL 9016	1
	T.4603.0310	Double Side Handle	Silver	1
	T.4603.0316	Double Side Handle	Black / RAL 9005	1
	T.4603.0332	Double Side Handle	Anthracite Grey / RAL 7016	1



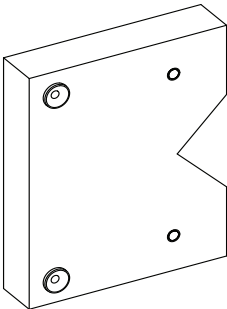
	Article Code	Article
	V.4765.0102	Bogie Jig



	Article Code	Article
	V.4766.0102	Striker Jig

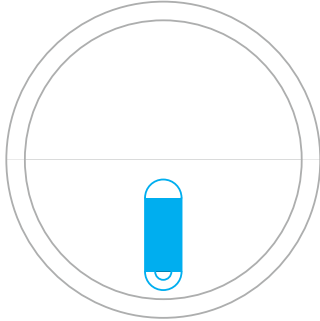


	Article Code	Article	Profile to be used
	V.4767.0102	Center Locking Striker Jig	Adopen / Asaş Inowa / Egepen
	V.4767.0202	Center Locking Striker Jig	Gealan SM00VIO / Salamander / Schönline
	V.4767.0302	Center Locking Striker Jig	Rehu Synego
	V.4767.0402	Center Locking Striker Jig	Aluplast Smart Slide
	V.4767.0502	Center Locking Striker Jig	Decco
	V.4767.0602	Center Locking Striker Jig	Tecnocom

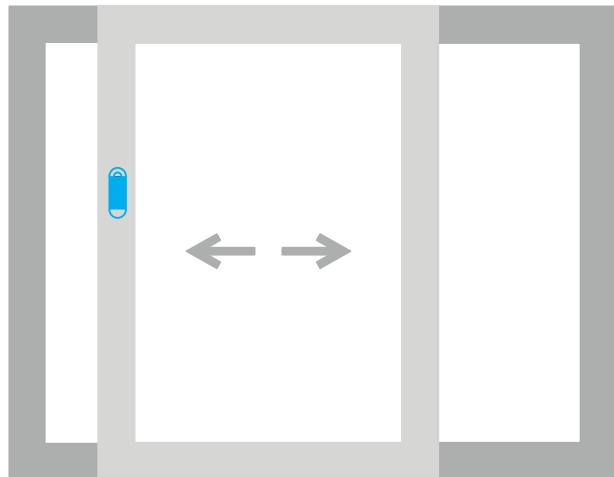
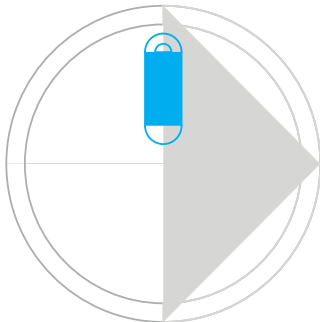


■ Handle Positions

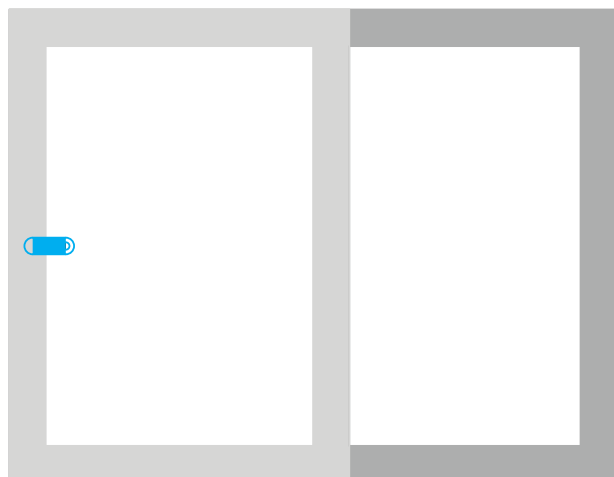
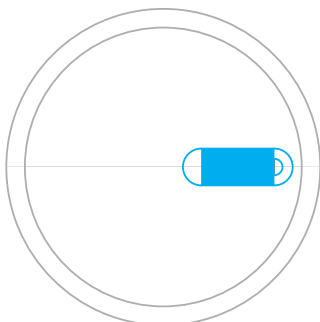
Locking Position



Sliding Position



Ventilation Position

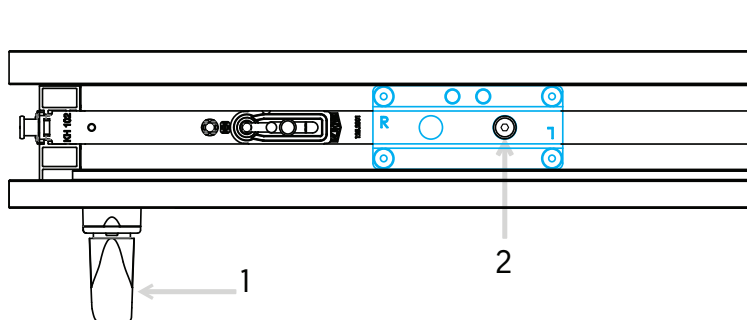
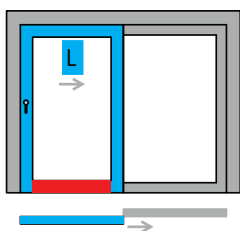


Product Assembly

1-Bogie Unit Assembly

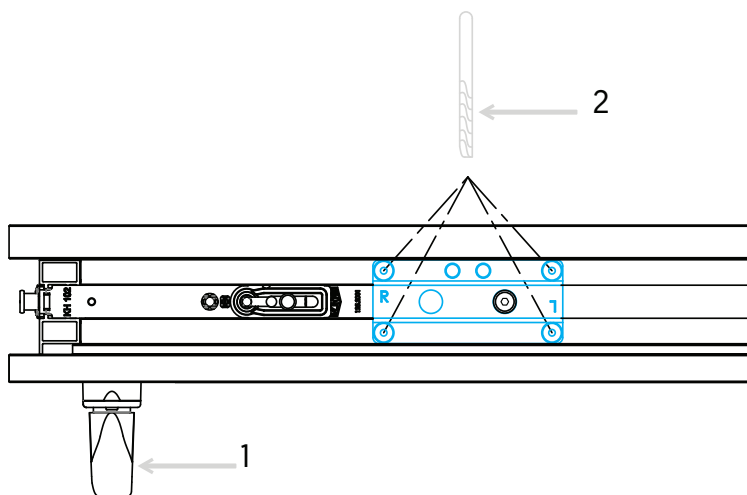
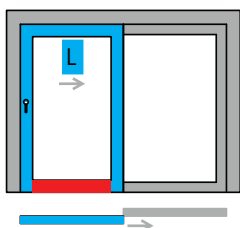


1-a



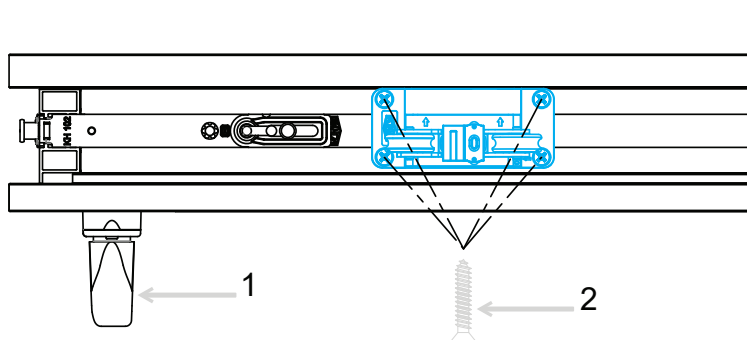
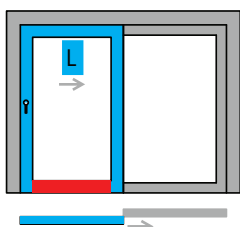
***When the handle is in the locking position, the slot 'L' of the jig is placed on the cam.**

1-b



***Use Ø3 drill for drilled holes.**

1-c



***Use 3,9x... screws for bogie unit.**

Attention!

***Before assembly the handle need to be correct position.**

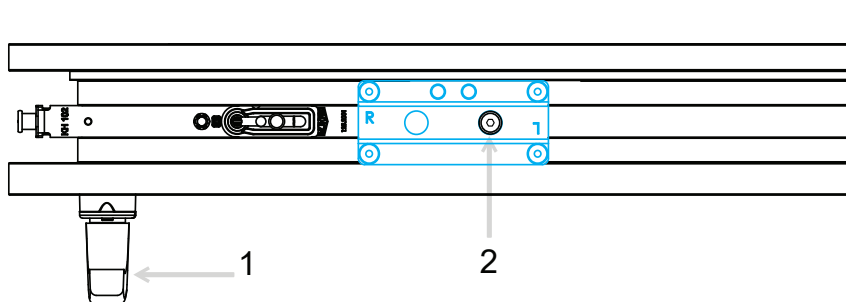
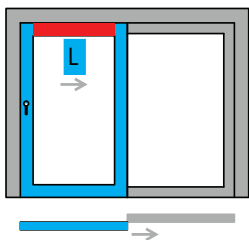
Mounting and drilling are need to apply with **"locking"** position of handle.

*L system is used as an example in the application. For R system application, use the R parts of the products and jig.

Product Assembly

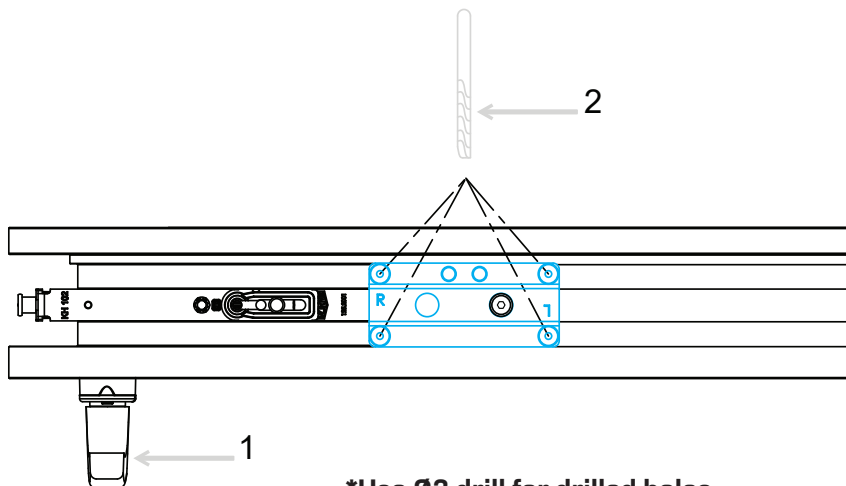
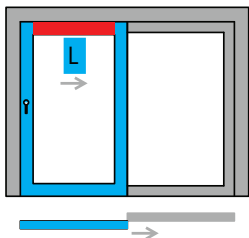
2- Guide Unit Assembly

1-a



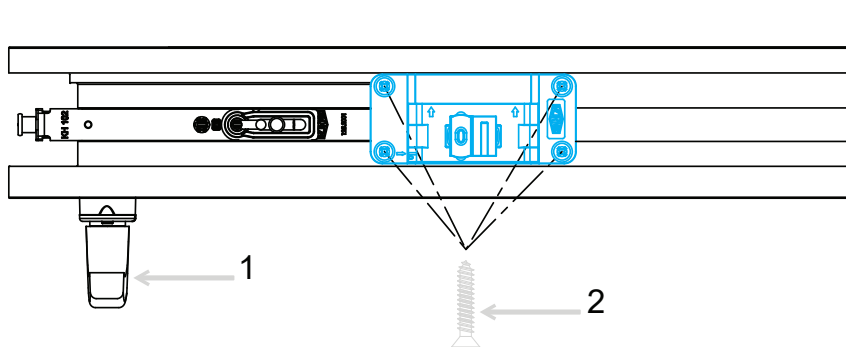
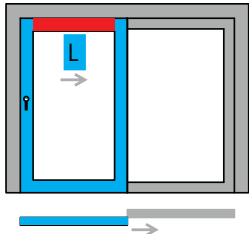
*When the handle is in the locking position, the slot 'L' of the jig is placed on the cam.

1-b



*Use Ø3 drill for drilled holes.

1-c



*Use 3,9x... screws for guide unit.

Attention!

*Before assembly the handle need to be correct position.

Mounting and drilling are need to apply with **"locking"** position of handle.

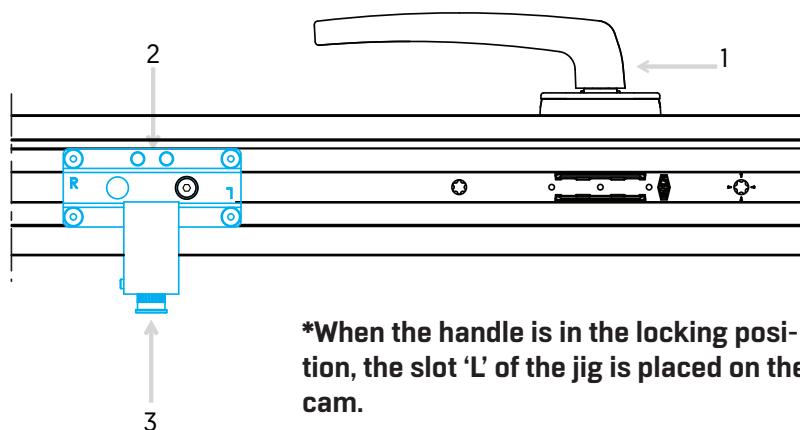
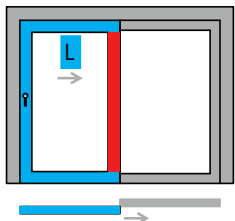
*L system is used as an example in the application. For R system application, use the R parts of the products and jig.

Product Assembly

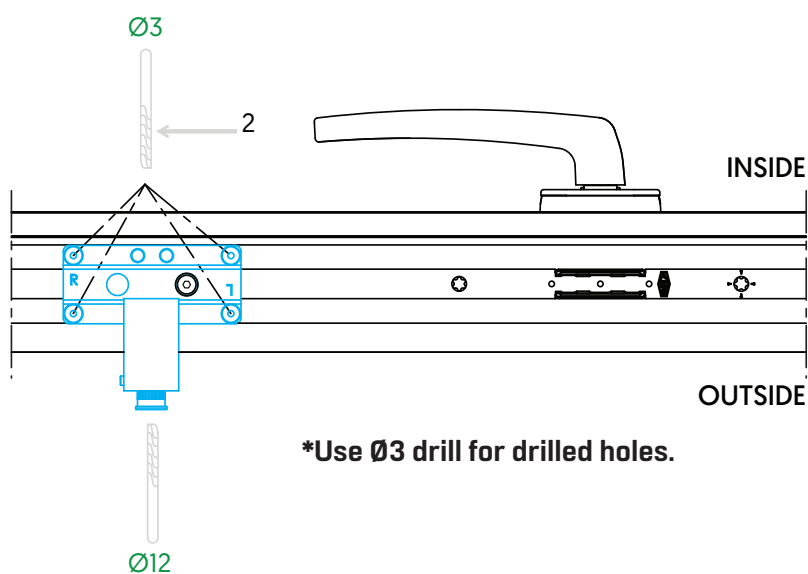
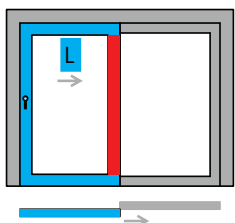
3- Center Locking Assembly



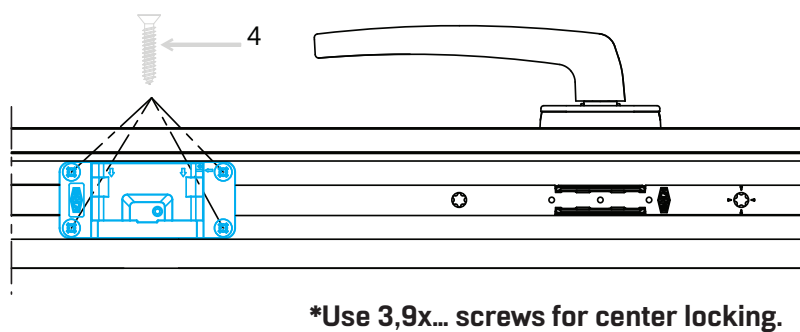
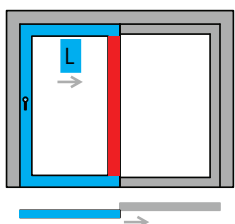
1-a



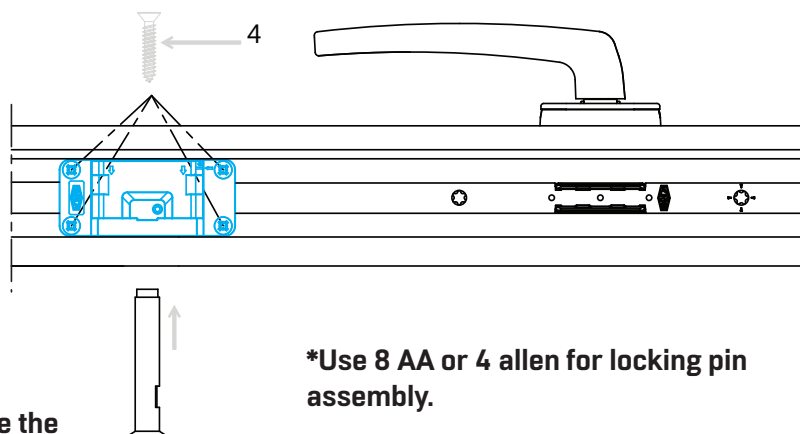
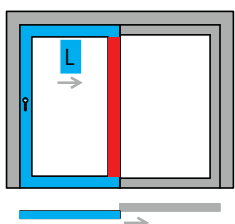
1-b



1-c



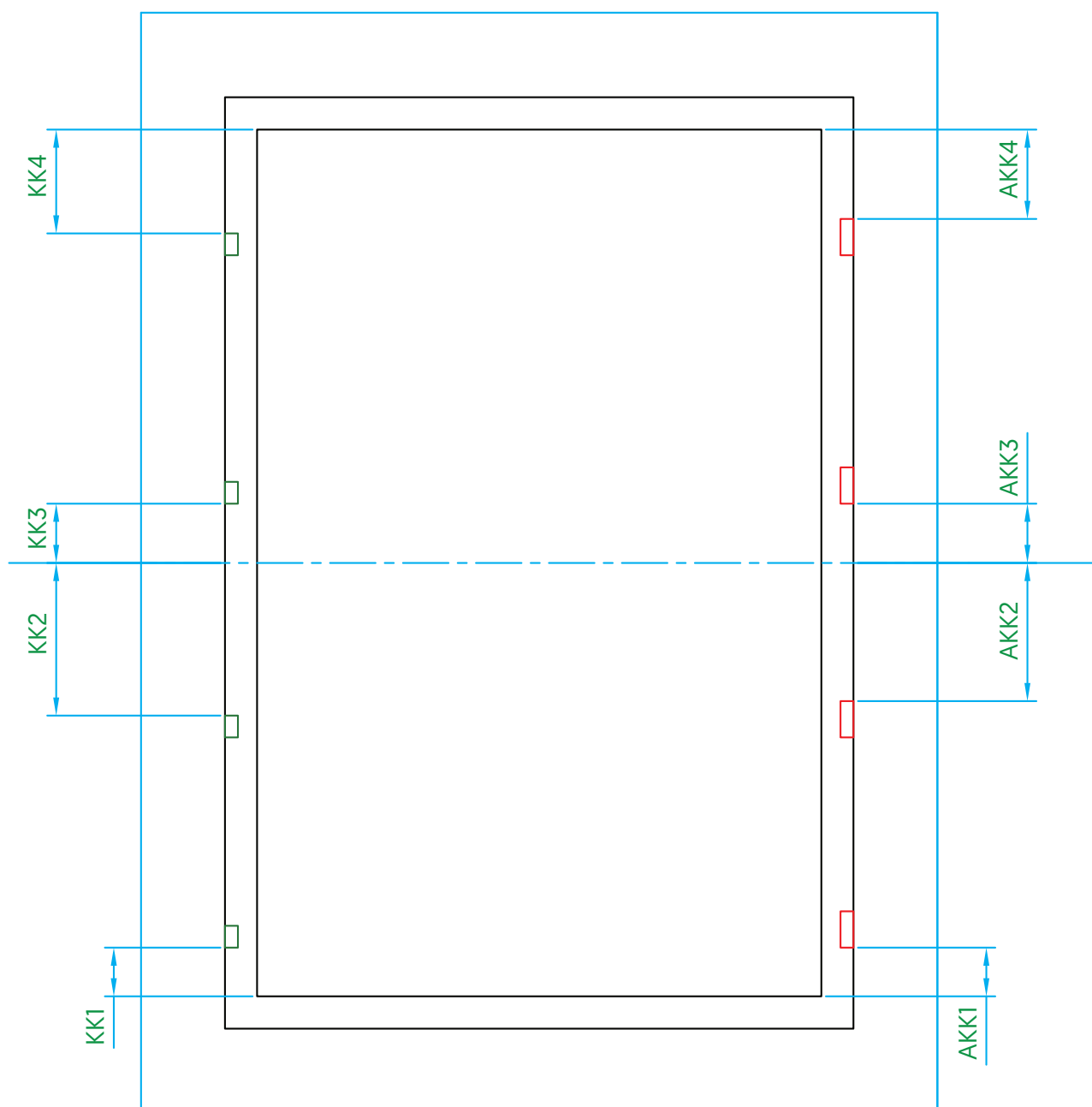
1-d



Attention!

*L system is used as an example in the application. For R system application, use the R parts of the products and jig.

Striker Positions

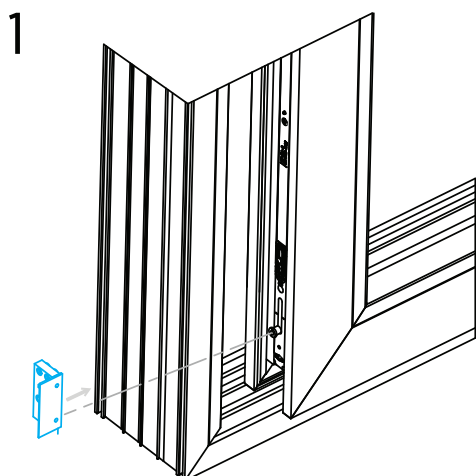


Striker □

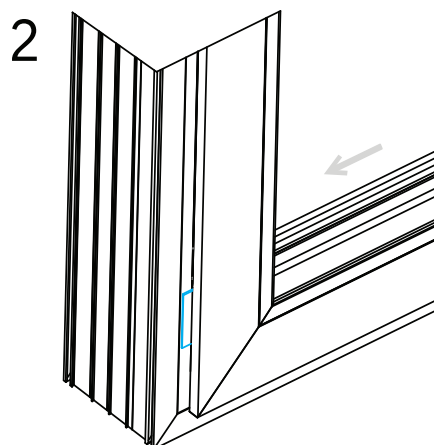
Center Locking Striker □

	KA / mm	AKK1	AKK2	AKK3	AKK4	KK1	KK2	KK3	KK4
	450-700	104	-	-	61	58	-	-	58
	700-1200	104	-	108	61	58	-	-	58
	1200-1700	104	-	108	61	58	-	63	58
	1700-2200	104	304	347	61	58	302	302	58
	1900-2400	104	304	347	61	58	302	302	58

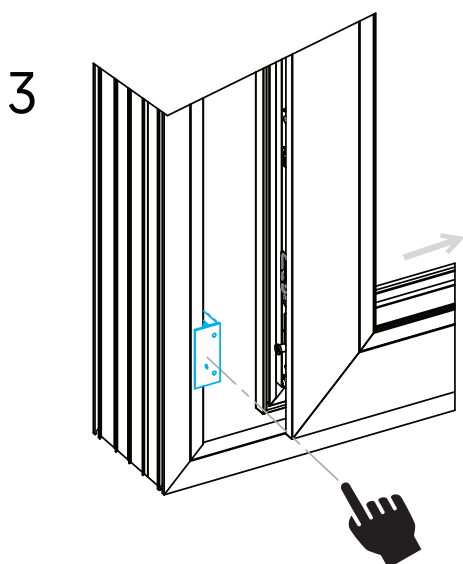
Striker Jigs Application



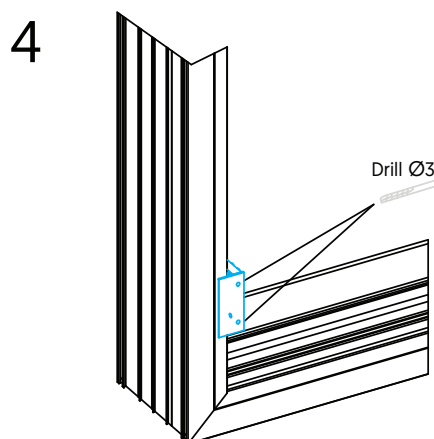
Striker jigs placed on the cam when sash is in sliding position.



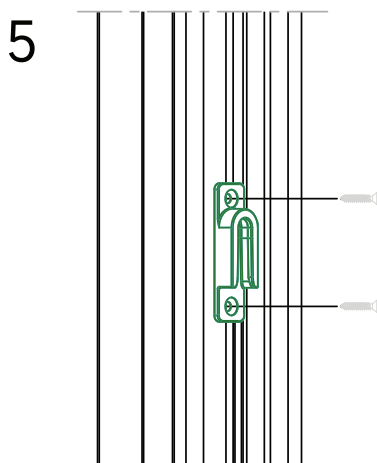
Bring the sash to the closing position.



Before open the sash; hold and fixed the jig.



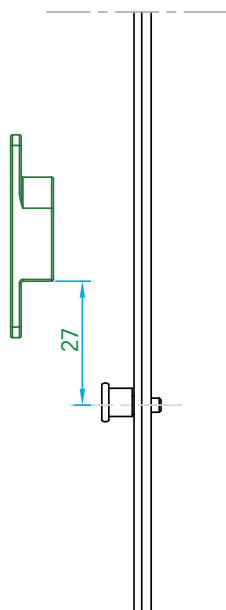
Use Ø3 drill for drilled strikers.



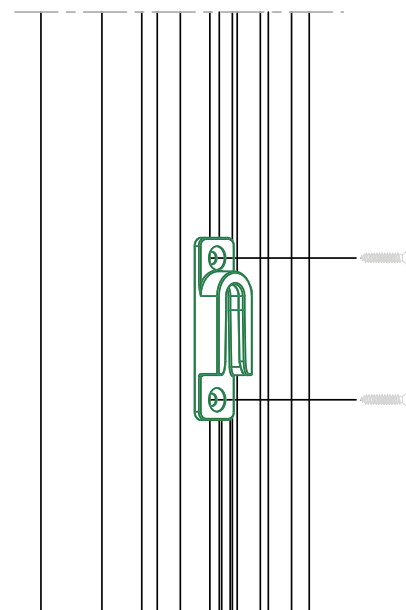
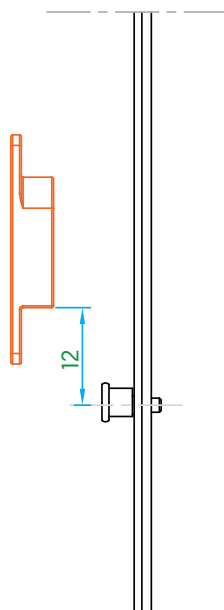
Screw on the striker to the drilled holes.

■ Striker Assembly

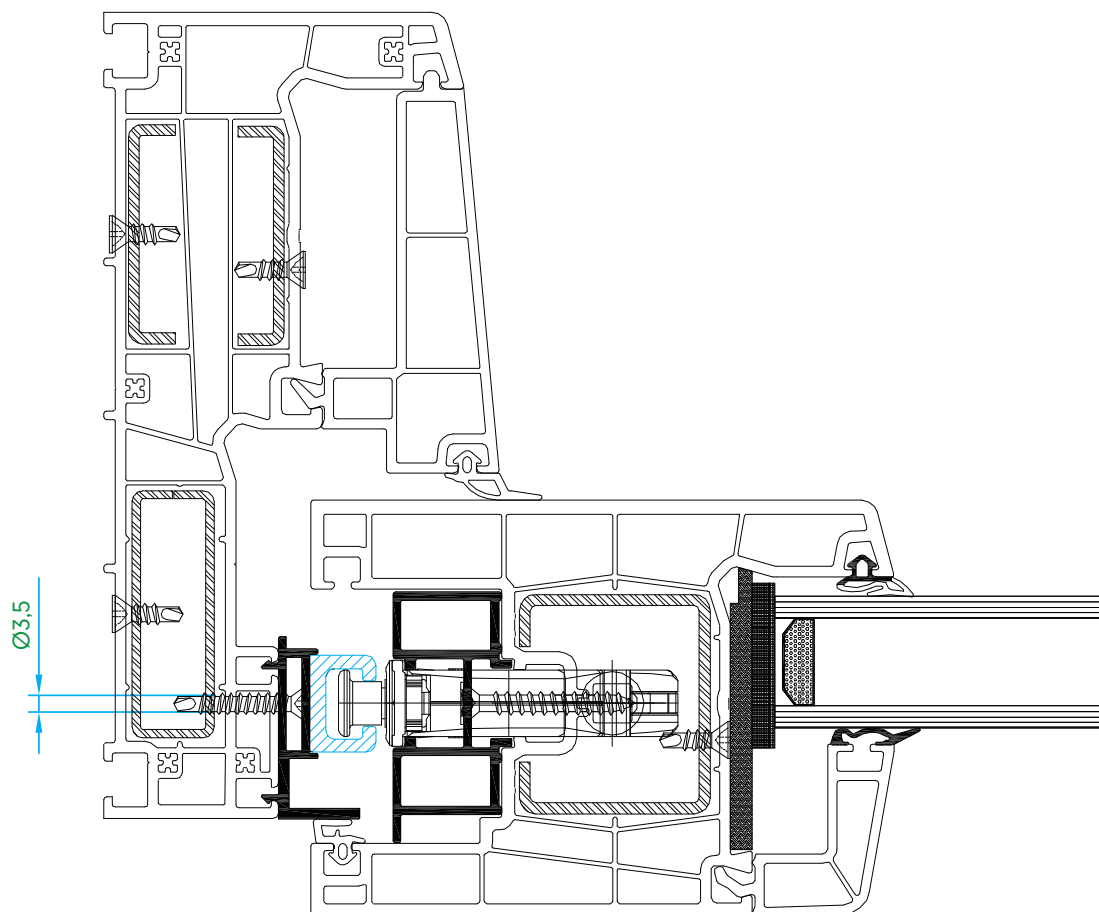
**V.4761.0102
Striker**



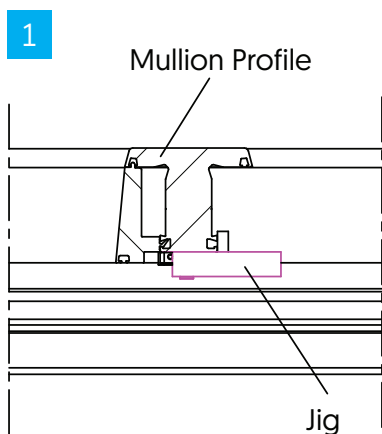
**V.4761.0202
Ventilation Striker**



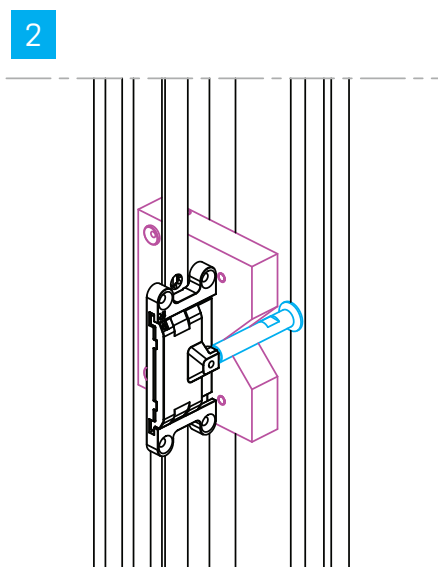
Handle Sliding Position



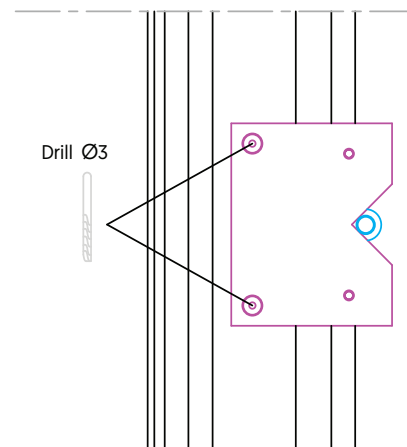
Center Locking Assembly



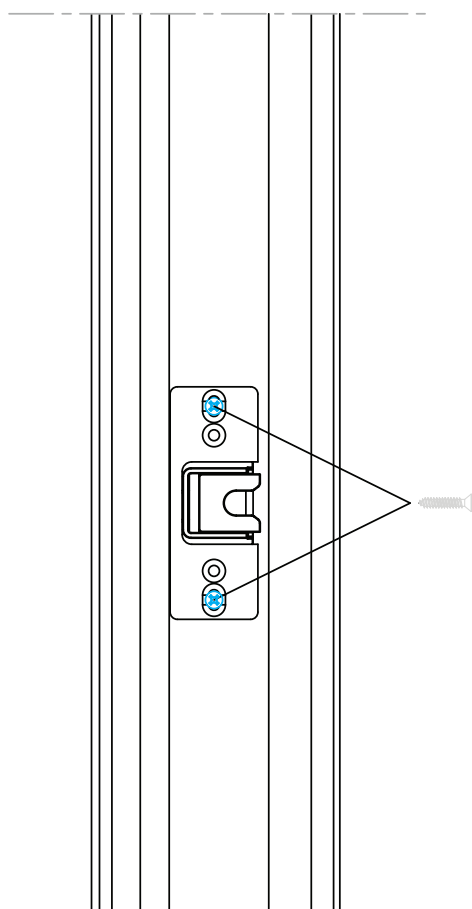
*Jig cam assemble to mullion.



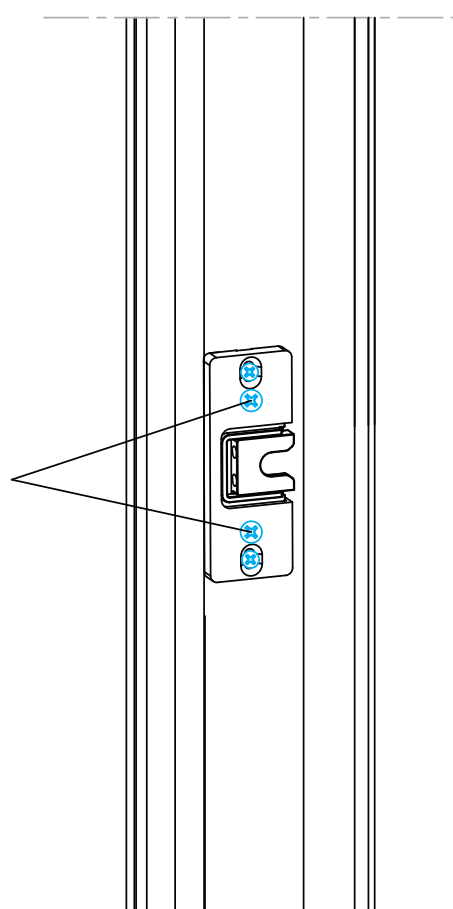
*Locate the locking cam to the "V" housing on the jig and assemble.



*Hold and fix the jig with using Ø3 drill.



Check and fixed by screws.



Attention!

*Before assembly the handle need to be correct position.

*Mounting and drilling are need to apply with **"sliding"** position of handle.



Sash Assembly

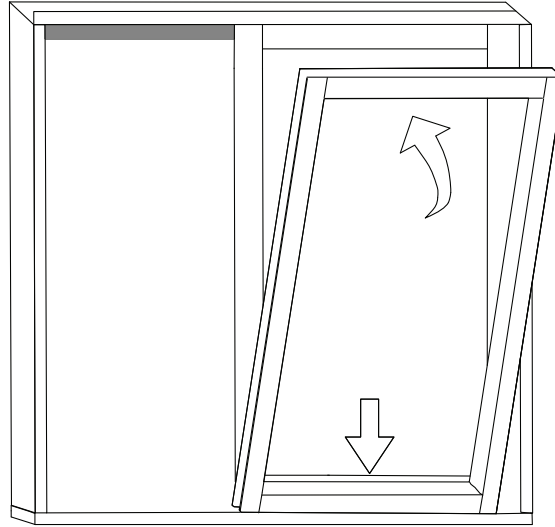
Attention!

An unsecured sash can pose a danger of death.

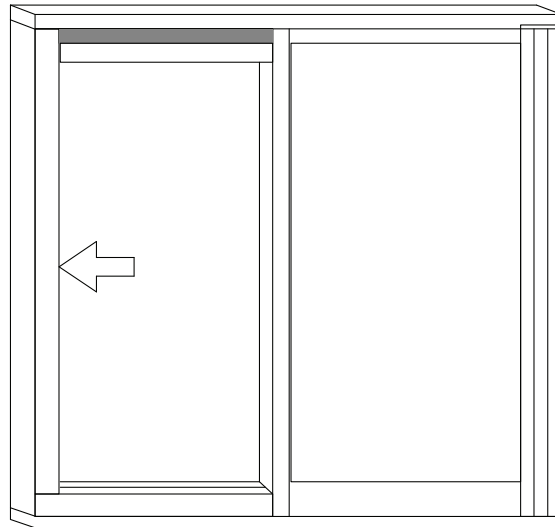
If not securely fixed to the frame, the sash may fall during installation.

Perform the application with at least two people to prevent the sash from falling.

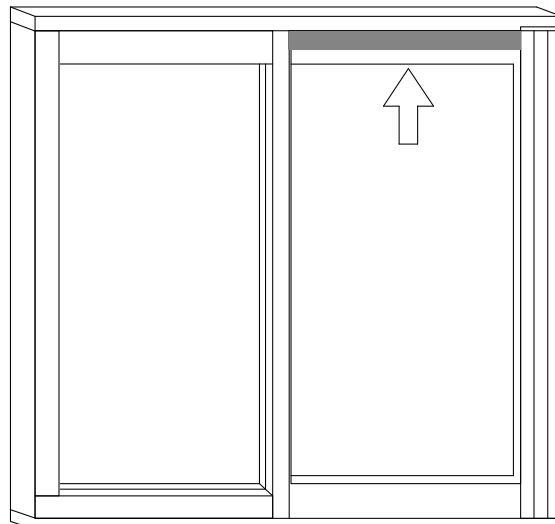
1-) Placed to the bogies on the rail and bring to vertical position.

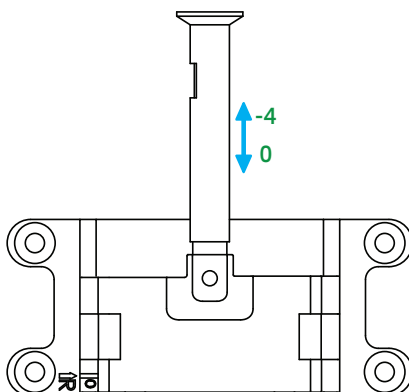
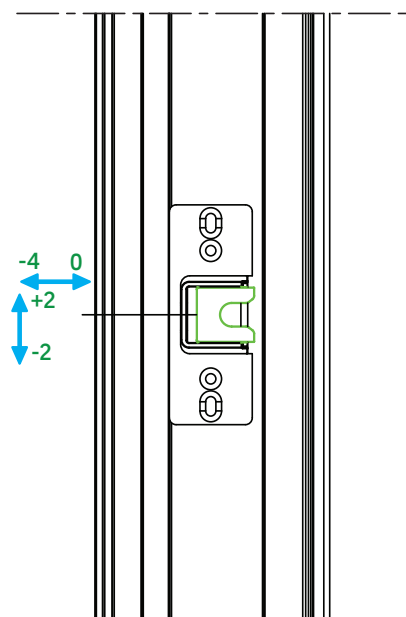


2-) Move the sashes and fixed guide unit to the top rail.



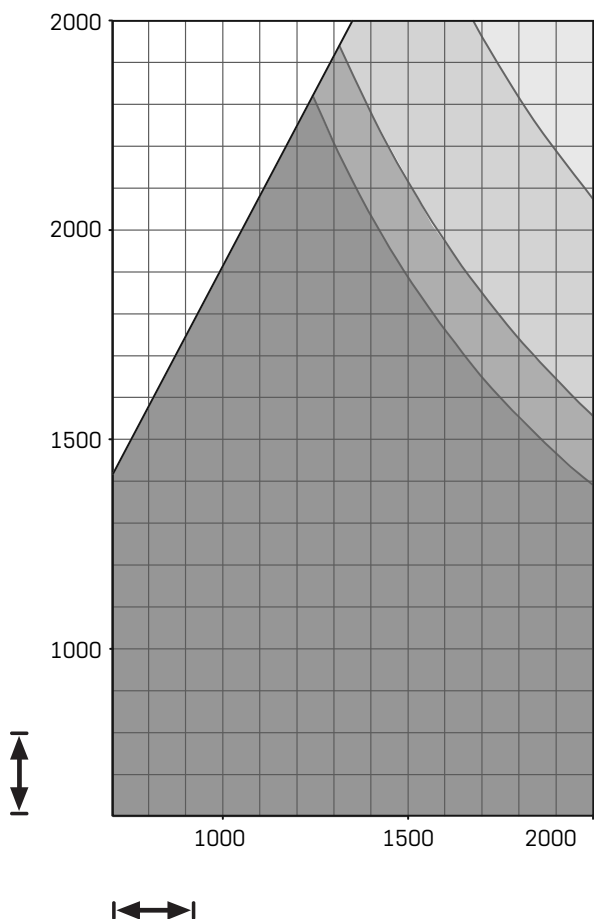
3-) Remain part of top rail screw to the frame.
[Distance of screws must be max. 300mm].





Diagram

SRH: SRW = max. 2:1



- = Disallowed application range
- $\leq 35 \text{ kg/m}^2$
- $\leq 50 \text{ kg/m}^2$
- $\leq 70 \text{ kg/m}^2$
- $\leq 80 \text{ kg/m}^2$

