



WINDOW & DOOR SYSTEMS

PVC WINDOWS CATALOG



We continue our 20-year-old adventure with the vision of pioneering and presenting innovative solutions in the field of window and door systems by providing millions of secure and comfortable applications throughout the whole world.

Do you think it is easy? We carry the burden of a home and we become a part of the family with our high technology in addition to being just a part of a window.

We start our production process by saying "It is good to be cautious". We think about each and every possibility without tiring while developing and testing.

Being resilient against dangers, rain and the noise of the city requires quality, trust, mastery...

Requires numerous tests,

Requires experience,

Requires innovative solutions with advanced technology.

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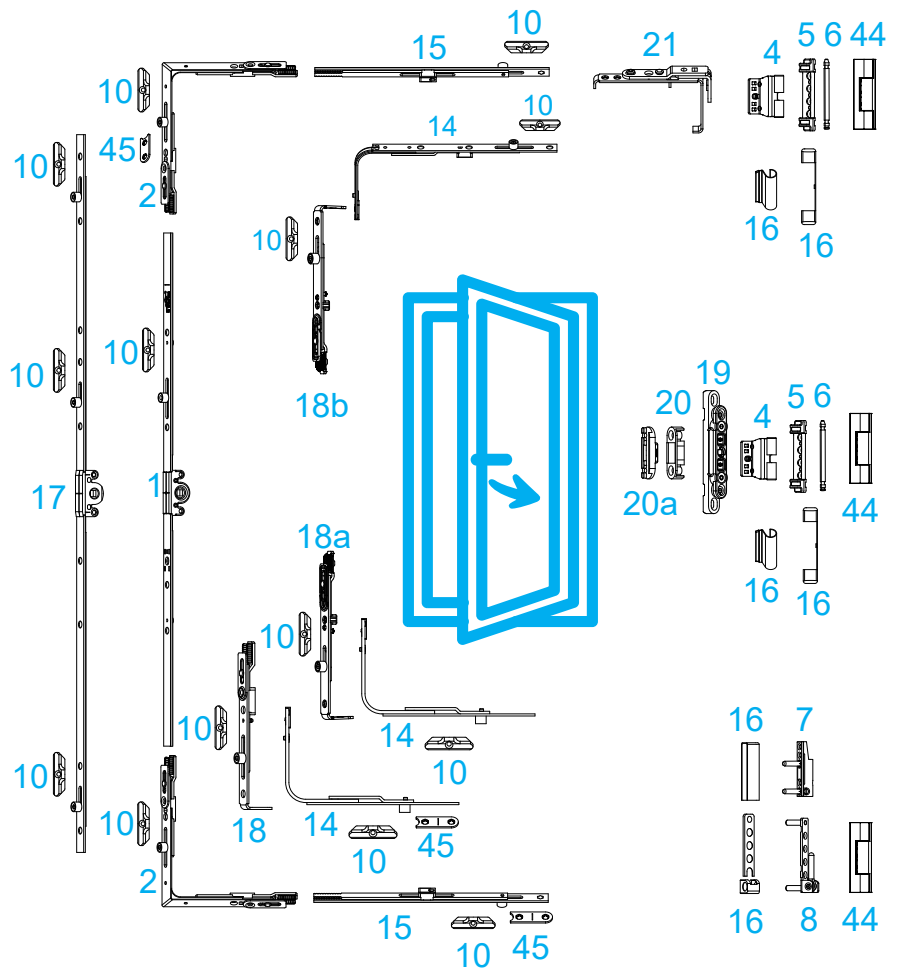
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PVC Window Systems

Turn Only System

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5	Frame Top Hinge	Page 78
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7	Sash Bottom Hinge	Page 80-82
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15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
17	TO Gear	Page 46-54
18	TO Bottom and Top Mechanism	Page 69
18a	90° Turn Only Bottom Locking	Page 69
18b	90° Turn Only Top Locking	Page 69
19	Turn Only Hinge	Page 85
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
21	TO Stay Hinge	Page 86-87
44	90mm Turn Only Hinge	Page 88
45	90° Turn Restrictor	Page 90



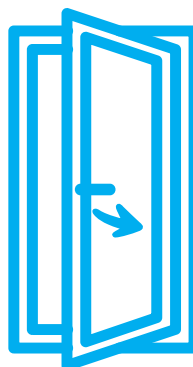
Range of Use

Sash Rectangular Width	280-1600mm
Sash Rectangular Height	380-2400mm
Sash Weight	max.130 kg

Turn Only Sample System Diagram



System	Turn Only
Width / Height	700mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



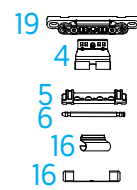
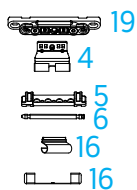
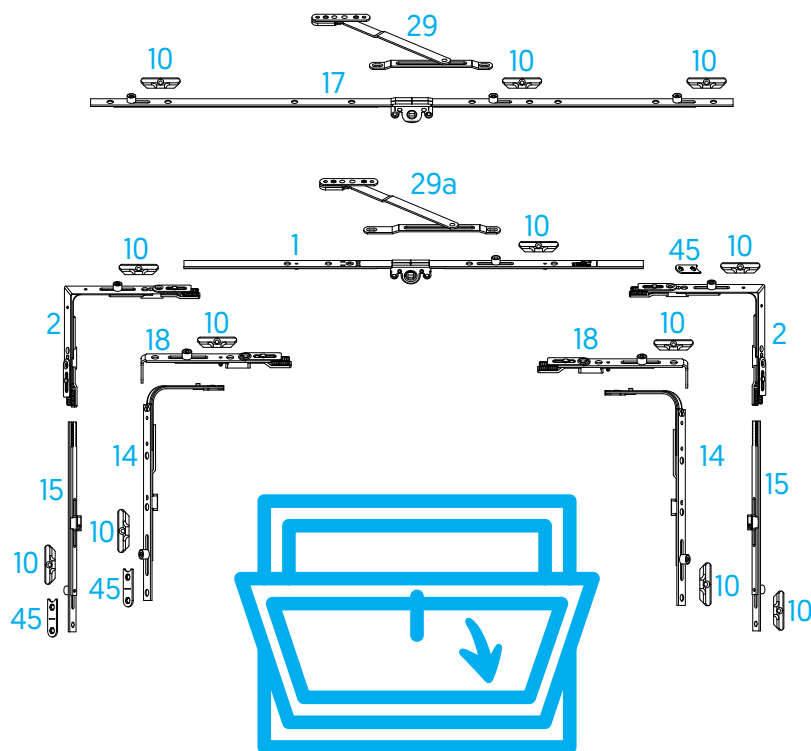
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10	Strikers (13 Axis)	150-155	V.25xx.xxxx	3			✓	
17	TO Gear / Variable / 15,5 / 1200-1400 (mm)	47	V.0102.0602	1		✓		
44	90mm Turn Only Hinge	88	V.1720.01XX	3				

System	Perimeter Locking Turn Only
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg

No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	2				
4	Sash Top Hinge / 13 Axis / 20 Bini	77	V.1202.0102	2			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	2				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	5			✓	
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	2	✓			
16	Cover Caps	93	V.4501.01xx	1				
16	Cover Caps	93	V.4302.01xx	1				✓
19	Turn Only Hinge	85	V.1603.0102	1				✓
21	TO Stay Hinge	86	V.1804.0202	1				
45	90° Turn Restrictor	90	V.0100.0102	1				

Tilt Stay System

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
10	Strikers	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
17	TO Gear	Page 46-54
18	TO Bottom and Top Mechanism	Page 69
19	Turn Only Hinge	Page 85
29	Tilt Stay	Page 74
29a	Tilt Stay	Page 74
45	90° Turn Restrictor	Page 90



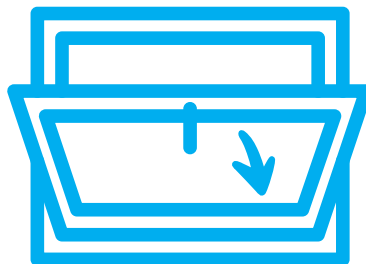
Range of Use

Sash Rectangular Width	max.1200 mm
Sash Rectangular Height	max.1000 mm
Sash Weight	max.50 kg

Tilt Stay Sample System Diagram



System	Tilt Stay
Width / Height	500mm / 500mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	50kg

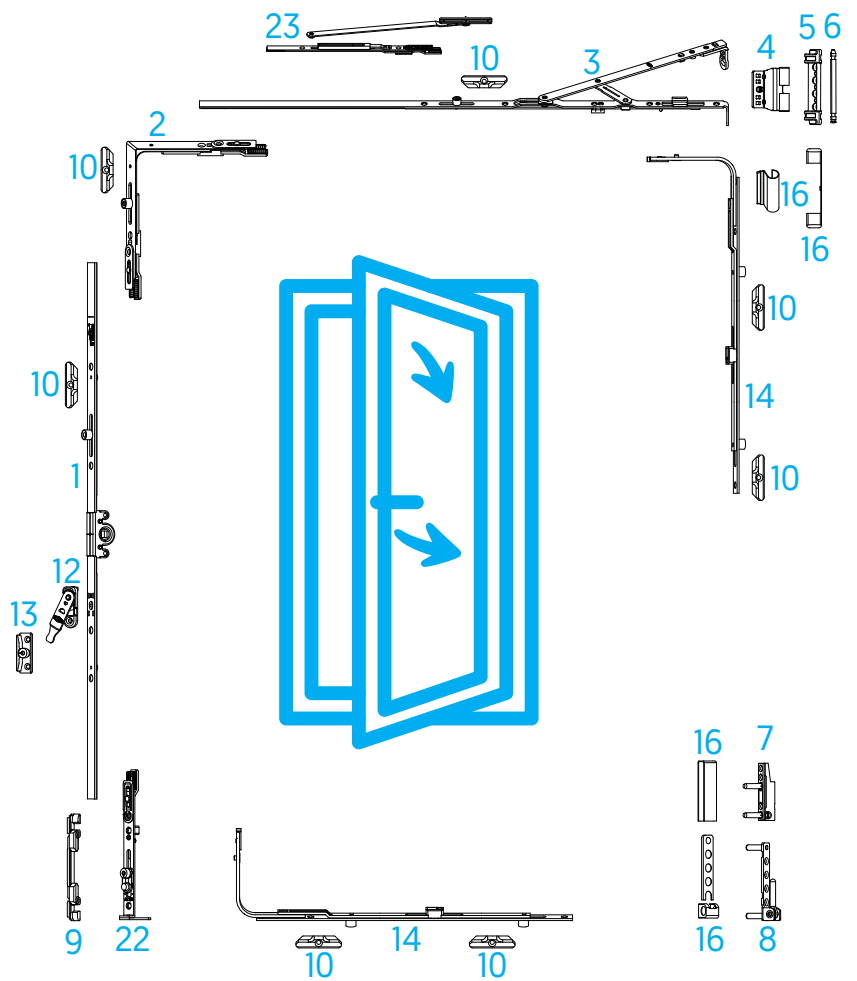


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4	Sash Top Hinge / 13 Axis / 20 Bini	77	V.1202.0102	2			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	2				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	2			✓	
16	Cover Caps	93	V.4302.01xx	2				
17	TO Gear / Variable / 15,5 / 400-600 [mm]	47	V.0102.0202	1	✓			
19	Turn Only Hinge	85	V.1603.0102	2				
29	Tilt Stay (TO Gear Compatible)	74	V.0501.0102	1				

Tilt & Turn System

Vertical Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 55-63
3	Tilt & Turn Stay Set	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
16	Cover Caps	Page 92
22	Tilt Locking Mechanism	Page 68
23	Secondary Stay	Page 73



*Corner Slider usage chart according to dimension

A - Roller Corner Slider.

B - Short Corner Slider.

N - Nonapplicable Dimension.

KLE			
		280-350	351-1600
KLB	380-450	N	B
	451-2400	B	A

Range of Use

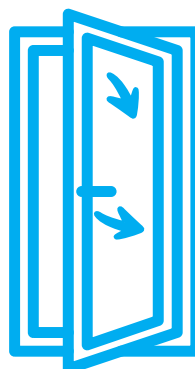
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	380-2400mm*
Sash Weight	max.130 kg

Tilt & Turn Sample System Diagram



Vertical Application

System	Vertical Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



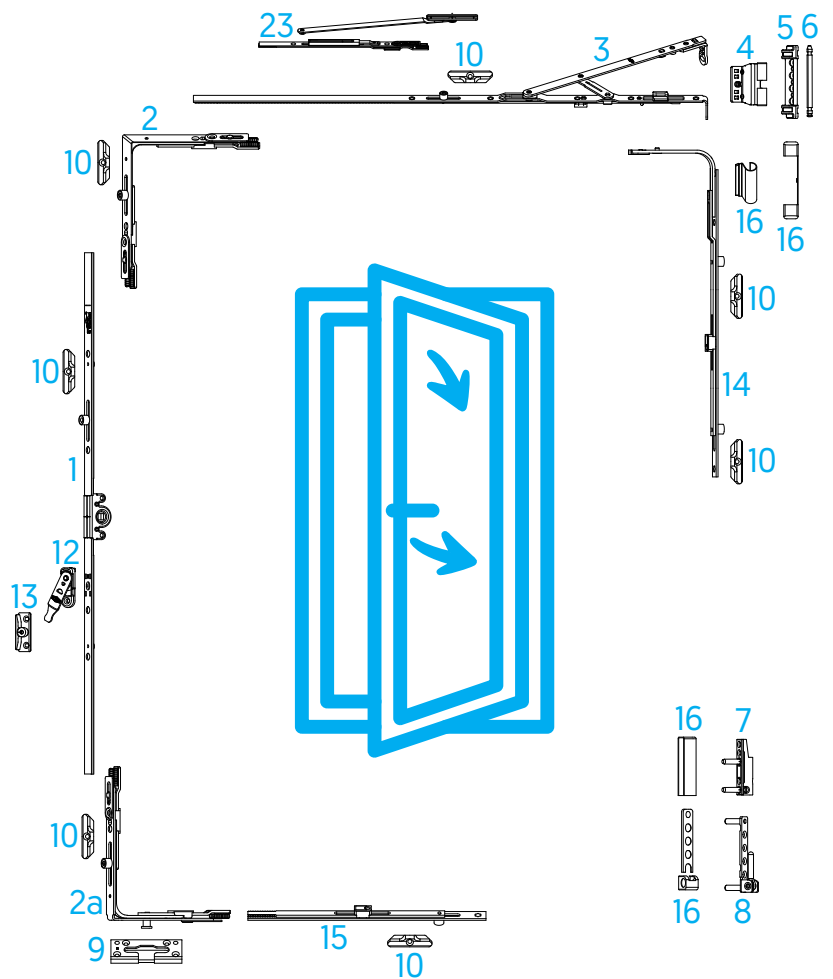
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
3	Tilt & Turn Stay Set / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.22xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	6			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	1	✓			
16	Cover Caps	93	V.4501.01xx	1				
22	Tilt Locking Mechanism	68	V.0704.0102	1		✓		

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Tilt & Turn System

Horizontal Application

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-59
3	Tilt & Turn Stay Set	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
23	Secondary Stay	Page 73



*Corner Slider usage chart according to dimension

A - Roller Corner Slider.

B - Short Corner Slider.

N - Nonapplicable Dimension.

KLE			
		280-350	351-1600
KLB	380-450	N	B
	451-2400	B	A

Range of Use

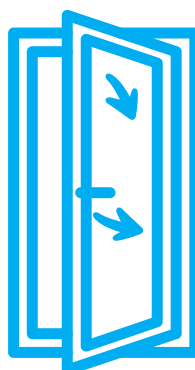
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	380-2400mm*
Sash Weight	max.130 kg

Tilt & Turn Sample System Diagram



Horizontal Appliaction

System	Horizontal Appliaction
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



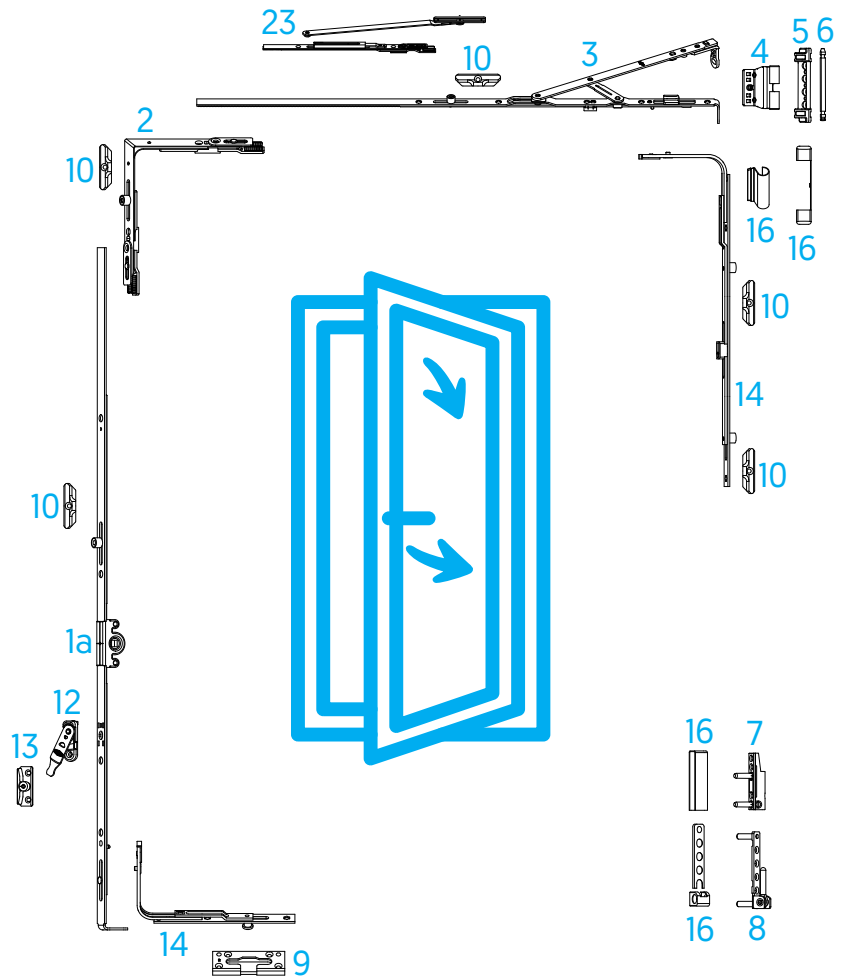
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					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
2a	Corner Slider / 150 RC1 X 130 GK1 (mm)	59	V.0605.0102	1				
3	Tilt & Turn Stay Set / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis /20 Sash Overlap	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
16	Cover Caps	93	V.4501.01xx	1				

**Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.**

Tilt & Turn System

Constant Application

No	Description	Page
1a	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
3	Tilt & Turn Stay Set	Page 69-71
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
16	Cover Caps	Page 93
23	Secondary Stay	Page 73



*Corner Slider usage chart according to dimension

A - Roller Corner Slider.

B - Short Corner Slider.

N - Nonapplicable Dimension.

		KLE	
		280-350	351-1600
KLB	380-450	N	B
	451-2400	B	A

Range of Use

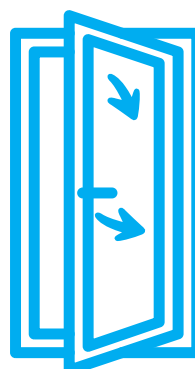
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	400-2350mm*
Sash Weight	max.130 kg

Tilt & Turn Sample System Diagram



Constant Appliaction

System	Constant Appliaction
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Constant
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



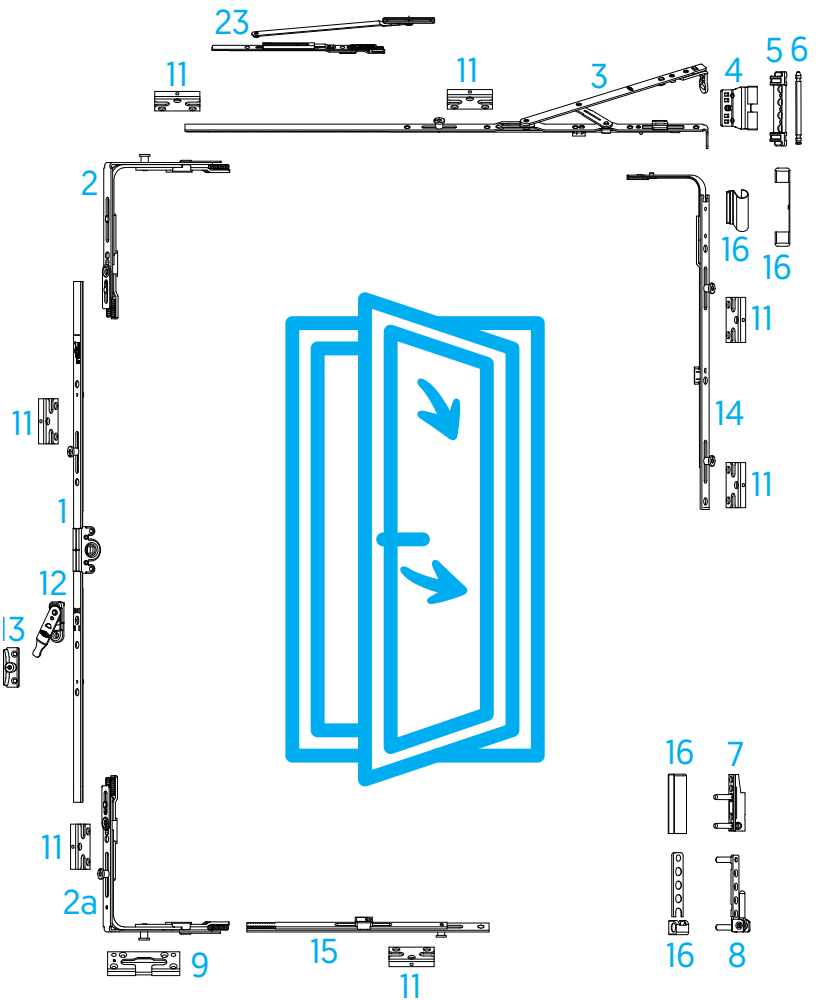
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1a	T&T Gear / Constant / 15,5 / RC2 / 1350-1600 (mm)	41	V.0203.0502	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
3	Tilt & Turn Stay Set / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis /20 Bini	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	6			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
14	Center Locking / SC1 (0-800 mm)	75	V.0901.0102	1	✓			
16	Cover Caps	93	V.4501.01xx	1				

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Tilt & Turn System

Security Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-59
3	Tilt & Turn Stay Set	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
11	Security Cam Striker	Page 92
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
23	Secondary Stay	Page 73



*Corner Slider usage chart according to dimension

A - Roller Corner Slider.

B - Short Corner Slider.

N - Nonapplicable Dimension.

KLE			
		280-350	351-1600
KLB	380-450	N	B
	451-2400	B	A

Range of Use

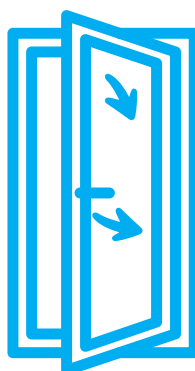
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	380-2400mm*
Sash Weight	max.130 kg

Tilt & Turn Sample System Diagram



Security Application

System	Security Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



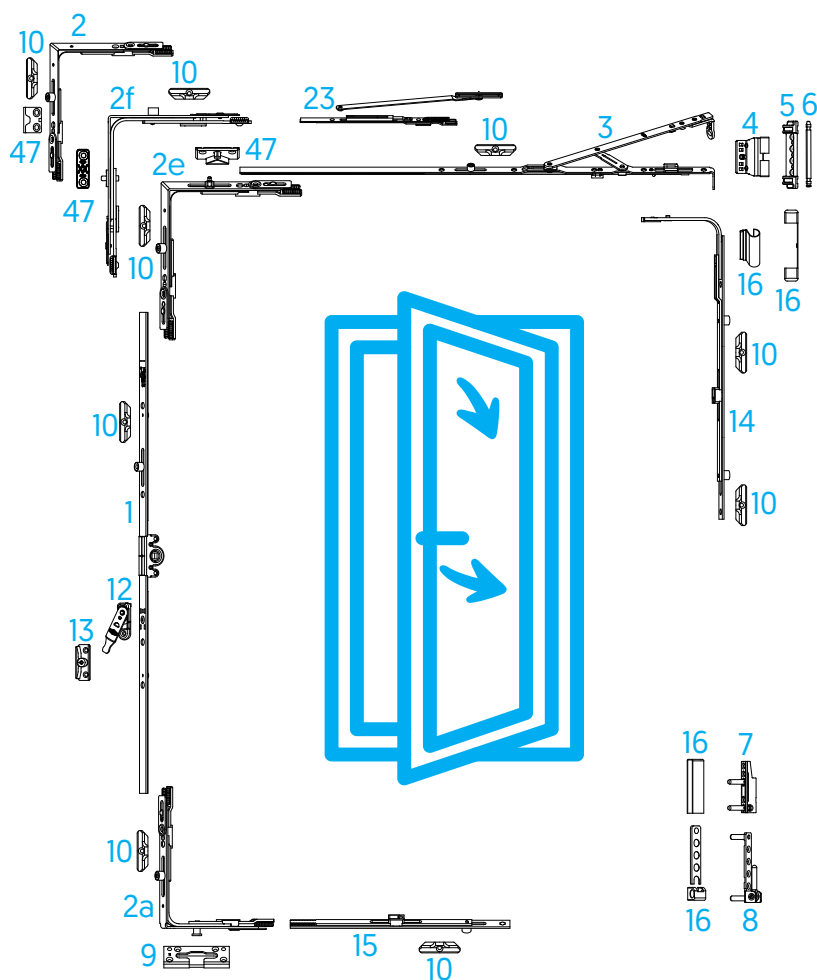
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / SC1 / 900-1400 (mm)	40	V.0205.0302	1		✓		
2	Corner Slider / 150 x 130 SC1 (mm)	58	V.0608.0102	1				
2a	Corner Slider 150 SC1 X 130 SC1	59	V.0607.0102	1				
3	Tilt & Turn Stay Set / SC1 / 850 - 1100 (mm)	70	V.0403.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Bini	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.32xx.xxxx	1			✓	
11	Security Cam Striker (13 Axis)	150-155	V.34xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / SC2 / 850-1400 (mm)	75	V.0902.0402	1		✓		
15	Center Locking / SC1 / 800-1200 (mm)	64	V.1002.0102	1	✓			
16	Cover Caps	93	V.4501.01xx	1				

**Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.**

Tilt & Turn System

Ventilation Application

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-59
2e	Corner Slider (Ventilation)	Page 60
2f	Corner Slider (Adjustable Vent.)	Page 60
3	Tilt & Turn Stay Set	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
23	Secondary Stay	Page 73
47	Ventilation Strikers	Page 150-155



Range of Use

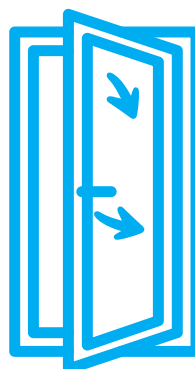
Sash Rectangular Width	350-1600mm*
Sash Rectangular Height	450-2400mm*
Sash Weight	max.130 kg

Tilt & Turn Sample System Diagram



Ventilation Application

System	Ventilation Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



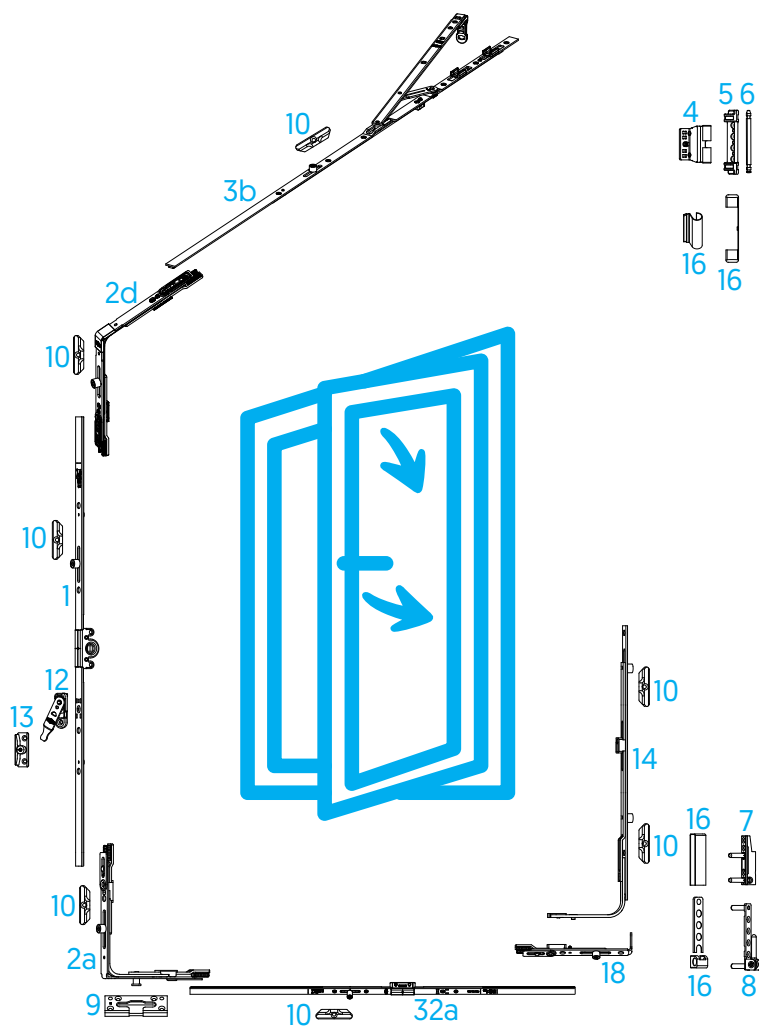
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2e	Corner Slider / Ventilation / 150 RC1 x 130 MH (mm)	60	V.0604.0102	1				
2a	Corner Slider / Roller & Security Cam / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
3	Tilt & Turn Stay Set / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Bini	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
16	Cover Caps	93	V.4501.01xx	1				
47	Ventilation Strikers (13 Axis)	150-155	V.36xx.xxxx	1			✓	

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Tilt & Turn System

Pitched Application

No	Description	Page
1	T&T Gear	Page 37-45
2a	Security Corner Slider	Page 58-59
2d	Corner Slider (Pitched Window)	Page 61
3b	Tilt & Turn Stay Set (Pitched Window)	Page 72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Frame Top Hinge	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
16	Cover Caps	Page 93
18	TO Bottom and Top Mechanism	Page 69
32a	PTS Connection Gear	Page 65



Range of Use

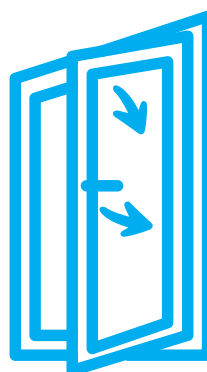
Sash Rectangular Width	730-1700 mm*
Sash Rectangular Height	710-2000 mm*
Sash Weight	max. 80 kg

Tilt & Turn Sample System Diagram



Pitched Application

System	Pitched Application
Angle	15°
Width / Height	900mm / Min. 1150mm - Max 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



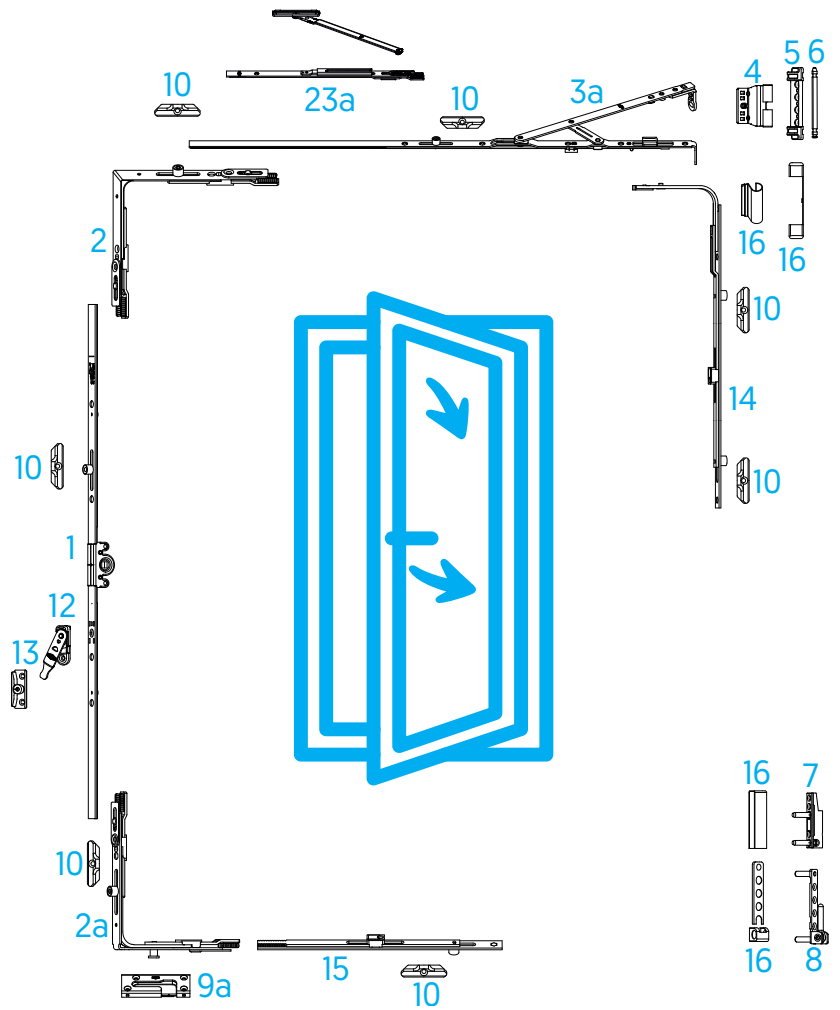
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 700-1200 (mm)	40	V.0202.0202	1		✓		
2a	Corner Slider / Roller & Security Cam / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
2d	Corner Slider / Pitched / 150 RC1 x 130 (mm)	61	V.0613.0102	1				
3b	T&T Stay / Pitched / RC1 / 850 - 1100 (mm)	72	V.0405.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Bini	77	V.1202.0102	1			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9	T&T Striker (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers(13 Axis)	150-155	V.25xx.xxxx	8			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
16	Cover Caps	93	V.4501.01xx	1				
18	TO Bottom and Top Mechanism	69	V.0702.0102	1		✓		
32a	PTS Connection Gear / RC1 / 700-1200 (mm)	65	V.0207.0202	1				

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Tilt & Turn System

Tilt First Application

No	Description	Page
1	T&T Gear	Sayfa 37-45
2	Corner Slider	Sayfa 58-63
2a	Security Corner Slider	Sayfa 58-59
3a	Tilt & Turn Stay Set (Tilt First Application)	Sayfa 71
4	Sash Top Hinge	Sayfa 77
5	Frame Top Hinge	Sayfa 78
6	Hinge Cam	Sayfa 78
7	Sash Bottom Hinge	Sayfa 80-82
8	Frame Bottom Hinge	Sayfa 83-84
9a	T&T Striker	Sayfa 150-155
10	Strikers	Sayfa 150-155
12	Mishandling and Lifting Device	Sayfa 90
13	Mishandling and Lifting Device Striker	Sayfa 150-155
14	Center Locking	Sayfa 75-76
15	Supplementary Locking	Sayfa 64
16	Cover Caps	Sayfa 93
23a	Tilt First Secondary Stay	Sayfa 73



*Corner Slider usage chart according to dimension

A - Roller Corner Slider.

B - Short Corner Slider.

N - Nonapplicable Dimension.

KLB	KLE	
	280-350	351-1600
380-450	N	B
451-2400	B	A

Range of Use

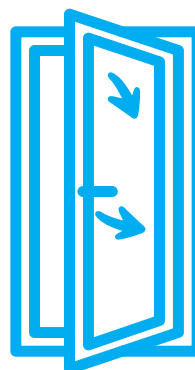
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	380-2400mm*
Sash Weight	max. 130 kg

Tilt & Turn Sample System Diagram



Tilt First Application

System	Tilt First Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



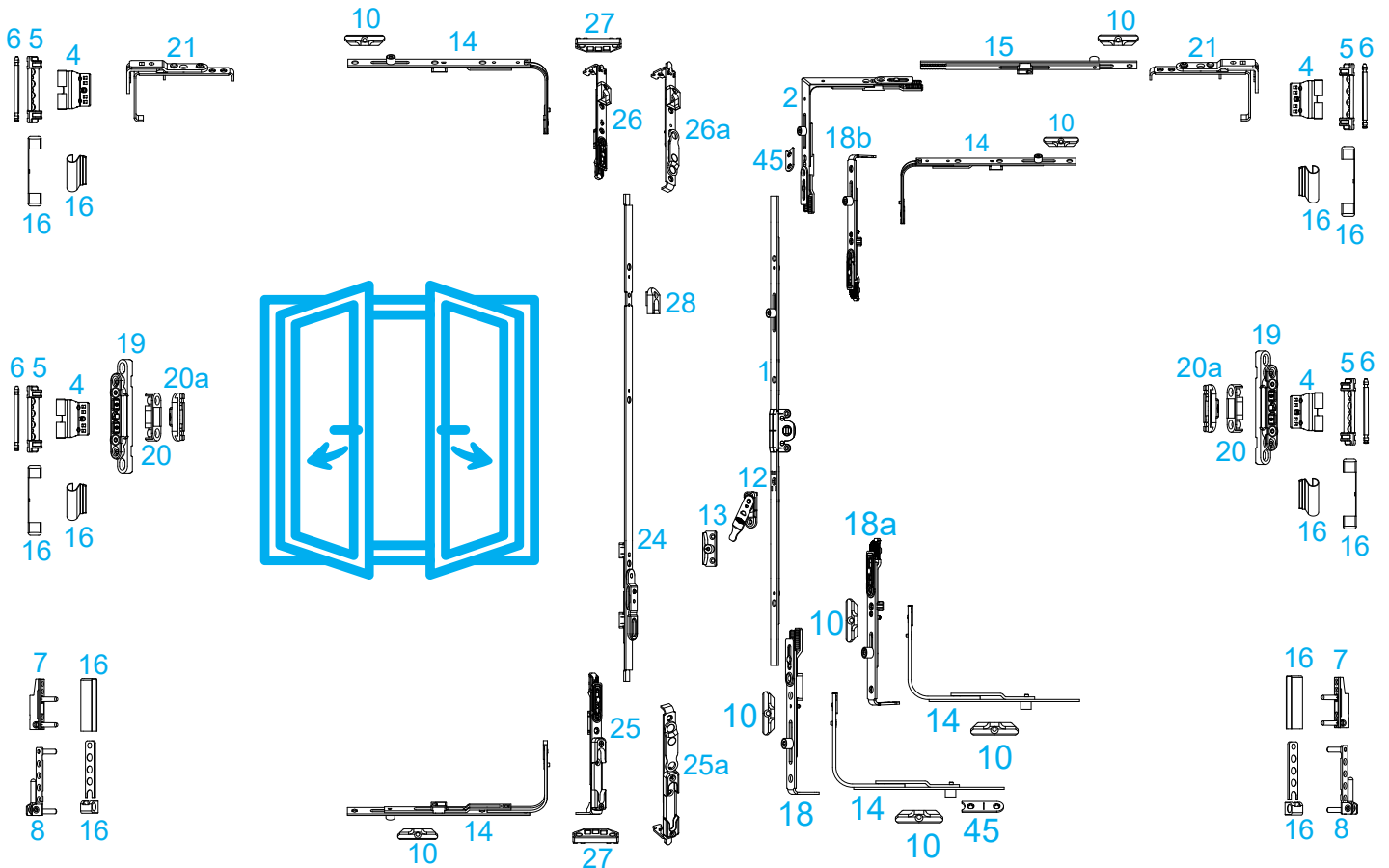
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
2a	Corner Slider / Roller & Security Cam / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
3	T&T Stay / Tilt First / SK1 / 850 - 1100 (mm)	71	V.0404.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	1			✓	
5	Frame Top Hinge - Ø3	78	V.1303.0102	1				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	1			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	1				
9a	Tilt First Tilt Striker Plate (13 Axis)	150-155	V.3217.xxxx	7			✓	
10	Striker(13 Axis)	150-155	V.25xx.xxxx	1			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1	✓			
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1		✓		
16	Cover Caps	93	V.4501.01xx	1				

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Double Sash Turn Only System

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 92
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
18	TO Bottom and Top Mechanism	Page 69

No	Description	Page
18a	90° Turn Only Bottom Locking	Page 69
18b	90° Turn Only Top Locking	Page 69
19	Turn Only Hinge	Page 85
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
21	TO Stay Hinge	Page 86-87
24	Double Sash Gear	Page 55-56
25	Double Sash Gear Bottom Shootbolt	Page 57
25a	Bottom Shootbolt	Page 57
26	Double Sash Gear Top Shootbolt	Page 57
26a	Top Shotbolt	Page 57
27	Shootbolt Striker	Page 150-155
28	Double Casement Gear Striker	Page 92
45	90° Turn Restrictor	Page 90



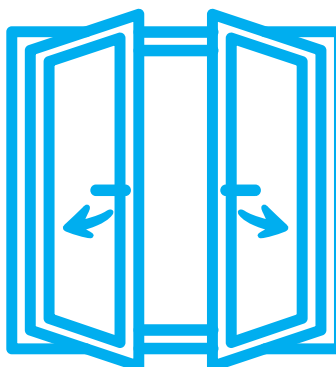
Range of Use

Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	540-2400mm*
Sash Weight	max.130 kg

Double Sash Turn Only Sample System Diagram



System	Double Sash Turn Only
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	4			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	4				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	2			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	2				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	4			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	3	✓			
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
16	Cover Caps	93	V.4501.01xx	2				
16	Cover Caps (205)	93	V.4302.01xx	2				✓
18	TO Bottom and Top Mechanism	69	V.0702.0102	1		✓		
19	Adjustable Turn Only Hinge	85	V.1603.0102	2				✓
21	Turn Only Top Hinge	86	V.1804.0202	2				
24	Double Sash Gear / Variable / 900-1400 (mm)	55	V.0301.0302	1		✓		✓
25	Double Sash Gear Bottom Shootbolt	57	V.1901.0102	1				✓
26	Double Sash Gear Top Shootbolt	57	V.1902.0102	1				✓
27	Shootbolt Striker (13 Axis)	150-155	V.30xx.xxxx	2			✓	
28	Double Casement Gear Striker	92	V.240x.0102	1			✓	✓
45	90° Turn Restrictor	90	V.0100.0102	1				

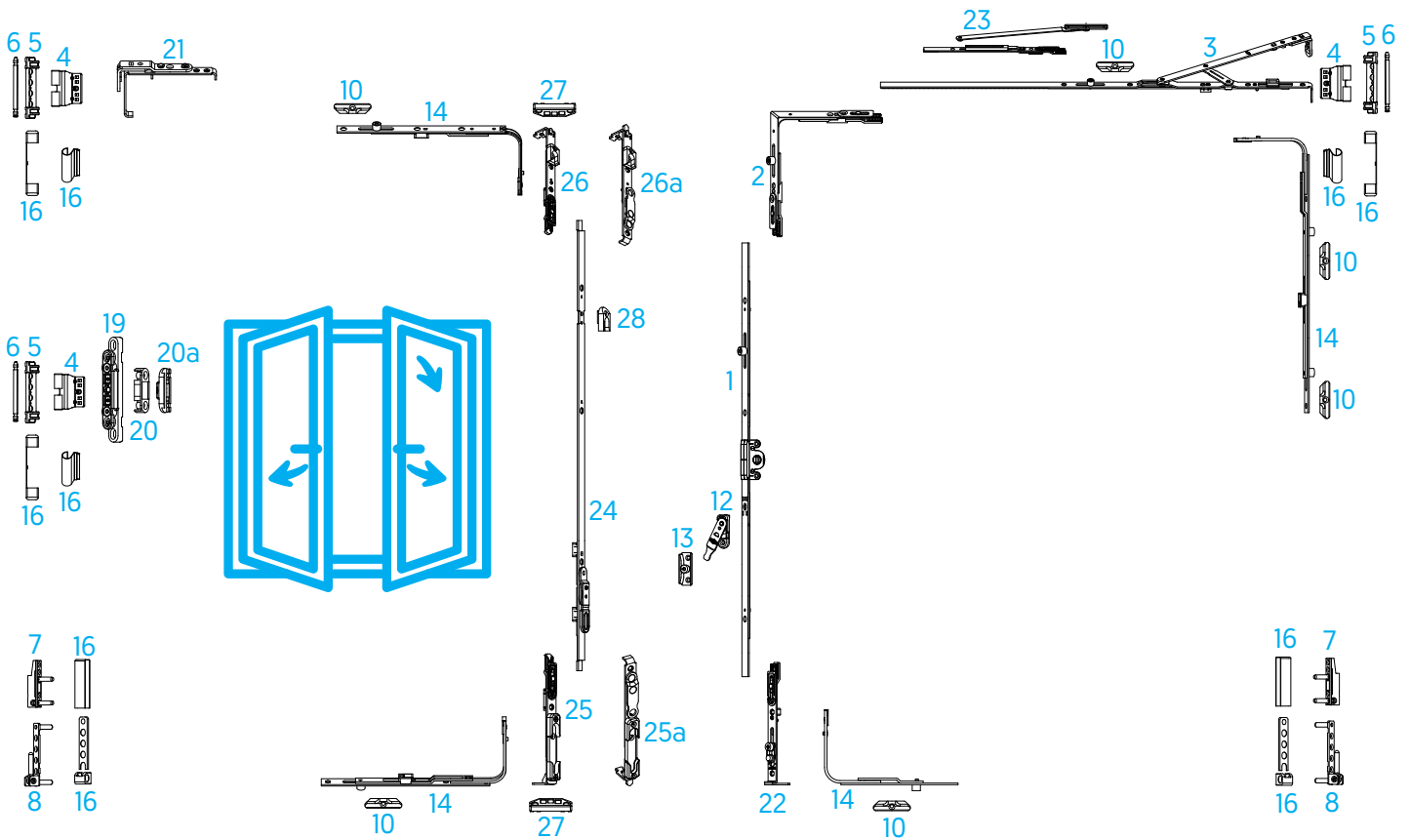
Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Double Sash Tilt & Turn System

Variable Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
3	T&T Stay	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 92
14	Center Locking	Page 75-76
16	Cover Caps	Page 93

No	Description	Page
19	Turn Only Hinge	Page 85
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
21	TO Stay Hinge	Page 86-87
22	Tilt Locking Mechanism	Page 68
23	Secondary Stay	Page 73
24	Double Sash Gear	Page 55
25	Double Sash Gear Bottom Shootbolt	Page 57
25a	Bottom Shootbolt	Page 57
26	Double Sash Gear Top Shootbolt	Page 57
26a	Top Shootbolt	Page 57
27	Shootbolt Striker	Page 150-155
28	Double Sash Gear Striker	Page 92



Range of Use

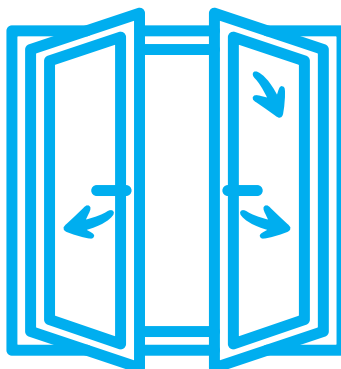
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	540-2400mm*
Sash Weight	max.130 kg

Double Sash Tilt & Turn Sample System Diagram



Variable Application

System	Double Sash Tilt & Turn
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
3	T&T Stay / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	3			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	3				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	2			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	2				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	6			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1	✓			
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	3		✓		
16	Cover Caps	93	V.4501.01xx	2				
16	Cover Caps (205)	93	V.4302.01xx	1				✓
19	Adjustable Turn Only Hinge	85	V.1603.0102	1				✓
21	Turn Only Top Hinge	86	V.1804.0202	1				
22	Tilt Locking Mechanism / Vertical Application	68	V.0704.0102	1	✓			
24	Double Sash Gear / Variable / 900-1400 (mm)	55	V.0301.0302	1	✓			✓
25	Double Sash Gear Bottom Shootbolt	57	V.1901.0102	1				✓
26	Double Sash Gear Top Shootbolt	57	V.1902.0102	1				✓
27	Shootbolt Striker (13 Axis)	150-155	V.30xx.xxxx	2			✓	
28	Double Casement Gear Striker	92	V.240x.0102	1			✓	✓

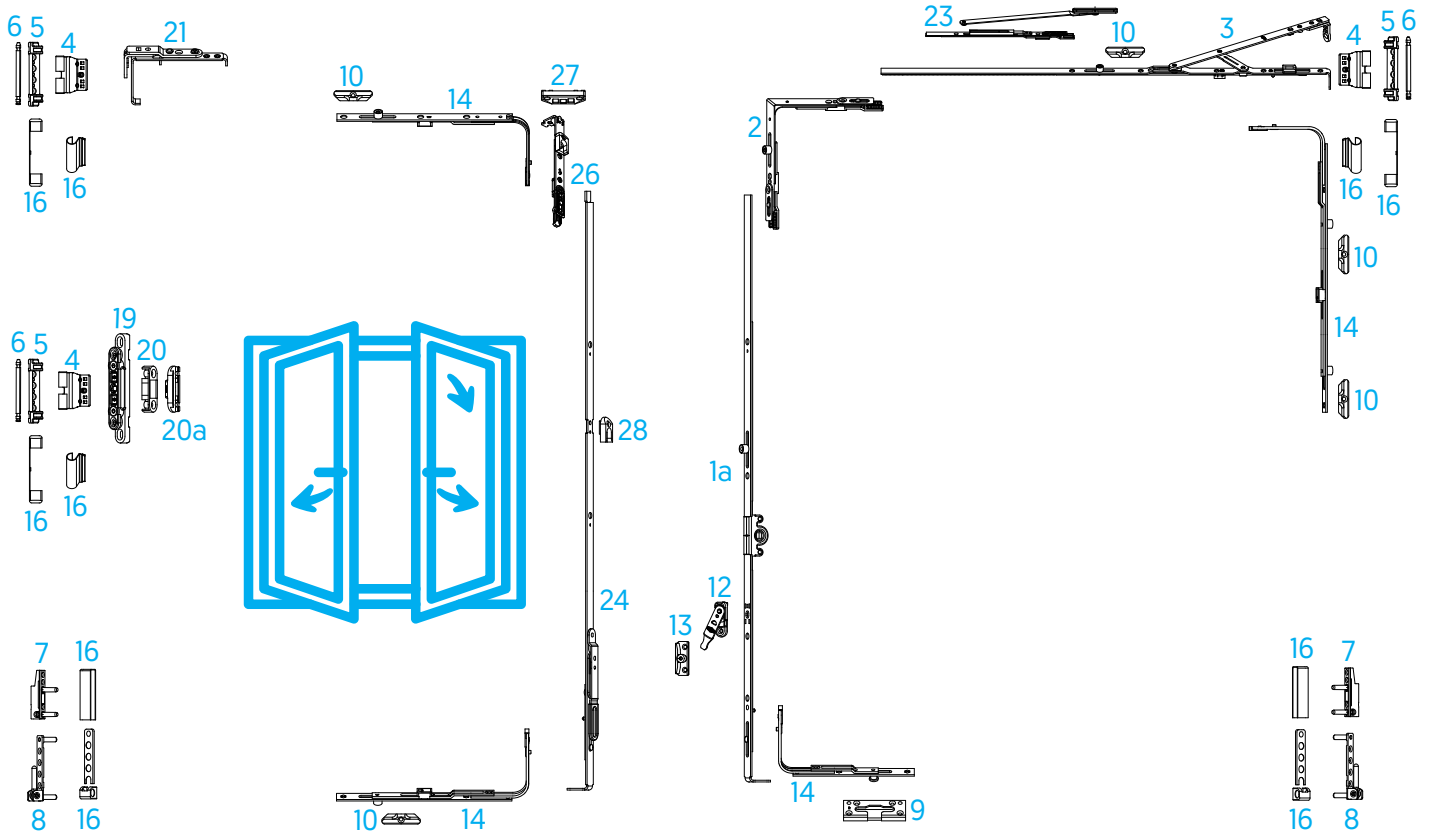
Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Double Sash Tilt & Turn System

Constant Appliaction

No	Description	Page
1a	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
3	T&T Stay	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 92

No	Description	Page
14	Center Locking	Page 75-76
16	Cover Caps	Page 93
19	Turn Only Hinge	Page 85
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
21	T0 Stay Hinge	Page 86-87
23	Secondary Stay	Page 73
24	Double Sash Gear	Page 56
26	Double Sash Gear Top Shootbolt	Page 57
27	Shootbolt Striker	Page 150-155
28	Double Sash Gear Striker	Page 92



Range of Use

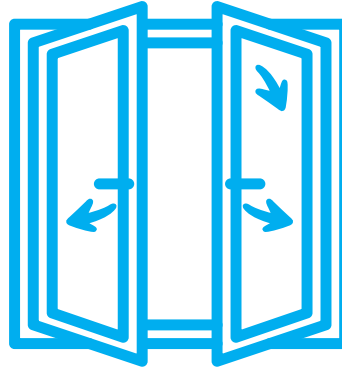
Sash Rectangular Width	280-1600mm*
Sash Rectangular Height	480-2350mm*
Sash Weight	max.130 kg

Double Sash Tilt & Turn Sample System Diagram



Constant Appliaction

System	Çift Kanat Tek Açılım
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Roller Cam
Handle Position	Constant
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1a	T&T Gear / Constant / 15,5 / RC2 / 1350-1600 (mm)	41	V.0203.0502	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
3	T&T Stay / RC1 / 850 - 1100 (mm)	70	V.0401.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	3			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	3				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	2			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	2				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	5			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1	✓			
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	2		✓		
14	Center Locking / SC1 / 0-800 (mm)	75	V.0901.0102	1		✓		
16	Cover Caps	93	V.4501.01xx	2				
16	Cover Caps (205)	93	V.4302.01xx	1				✓
19	Adjustable Turn Only Hinge	85	V.1603.0102	1				✓
21	Turn Only Top Hinge	86	V.1804.0202	1				
24	Double Sash Gear / Constant / 1350-1600 (mm)	56	V.0302.0502	1	✓			✓
26	Double Sash Gear Top Shootbolt	57	V.1902.0102	1				✓
27	Shootbolt Striker (13 Axis)	150-155	V.30xx.xxxx	1			✓	
28	Double Casement Gear Striker	92	V.240x.0102	2			✓	✓

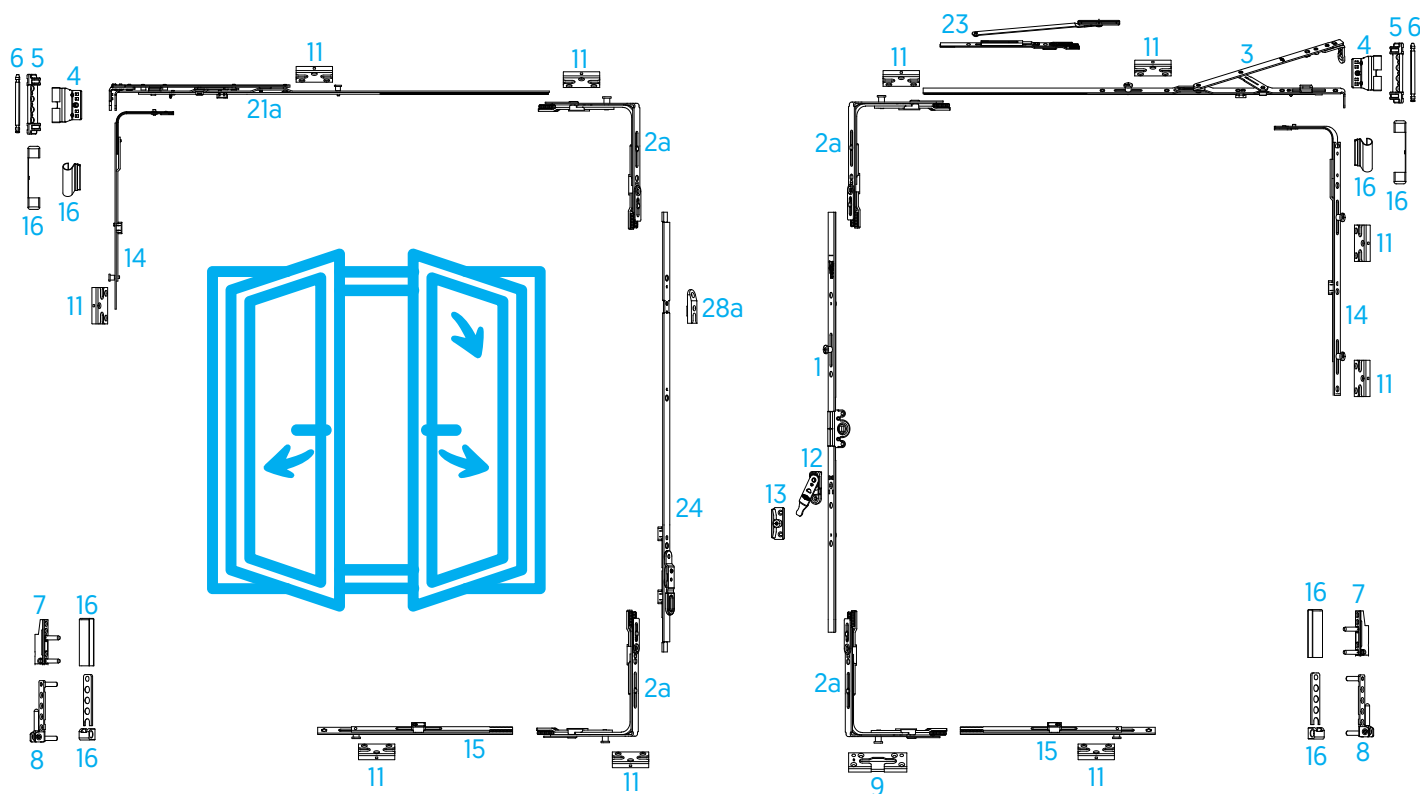
**Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.**

Double Sash Tilt & Turn System

Security Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2a	Security Corner Slider	Page 58-59
3	Tilt & Turn Stay Set	Page 70-72
4	Sash Top Hinge	Page 77
5	Frame Top Hinge	Page 78
6	Hinge Cam	Page 78
7	Sash Bottom Hinge	Page 80-82
8	Frame Bottom Hinge	Page 83-84
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155

No	Description	Page
11	Security Cam Striker	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 92
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
16	Cover Caps	Page 93
21a	TO Stay Hinge	Page 87
23	Secondary Stay	Page 73
24	Double Sash Gear	Page 55-56
28a	Double Sash Gear Striker (Security)	Page 92



Range of Use

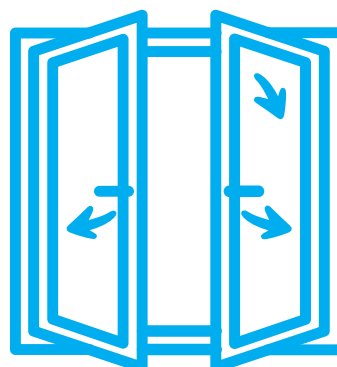
Sash Rectangular Width	600-1600 mm*
Sash Rectangular Height	700-2400 mm*
Sash Weight	max. 130 kg

Double Sash Tilt & Turn Sample System Diagram



Security Application

System	Double Sash Tilt & Turn
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Security Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	100kg



No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / SC1 / 900-1400 (mm)	40	V.0205.0302	1		✓		
2a	Corner Slider / 150 x 130 SC1 (mm)	58	V.0608.0102	4				
3	T&T Stay / SC1 / 850 - 1100 (mm)	70	V.0403.0502	1	✓			
4	Sash Top Hinge / 13 Axis / 20 Sash Overlap	77	V.1202.0102	2			✓	
5	Frame Top Hinge / Ø3	78	V.1303.0102	2				
7	Sash Bottom Hinge 100kg	80	V.1403.0102	2			✓	
8	Frame Bottom Hinge / Ø3 / 100kg	83	V.1501.0102	2				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Security Cam Striker (13 Axis)	150-155	V.34xx.xxxx	12			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / SC2 / 1200-1700 (mm)	75	V.0902.0402	2	✓			
15	Supplementary Locking / SC1 / 800-1200 (mm)	64	V.1002.0102	2		✓		
16	Cover Caps	93	V.4501.01xx	2				
21a	Turn Only Top Hinge / SC1 / 850-1100 (mm)	87	V.0409.0502	1				
24	Double Sash Gear / Variable / 900-1400 (mm)	55	V.0301.0302	1	✓			
28a	Double Sash Gear Striker (Security) (13 Axis)	92	V.34xx.xxxx	1			✓	✓

Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

PVC System Components

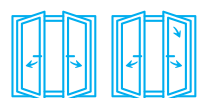
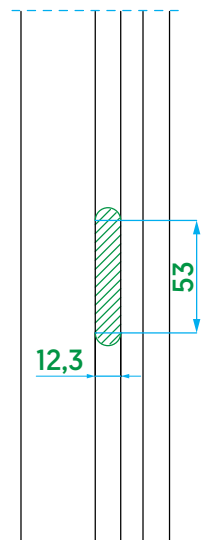
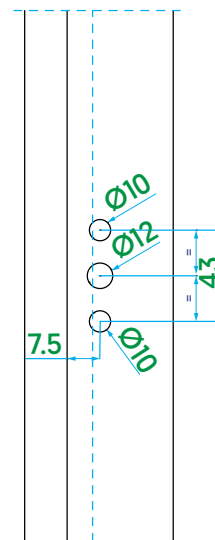
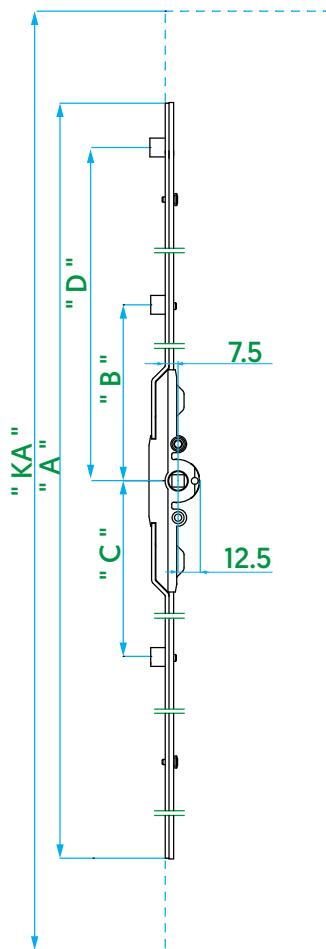
Tilt & Turn Gear

Variable








Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)		
7.5 mm	V.0201.0102*	-	T&T Gear / Variable / 7,5	20	450 - 695	395	-	-	-	-	-
	V.0201.0202	V.0204.0202	T&T Gear / Variable / 7,5	20	695 - 1195	895	108,5	-	-	1	3
	V.0201.0302	V.0204.0302	T&T Gear / Variable / 7,5	20	895 - 1395	1095	108,5	-	-	1	4
	V.0201.0402	V.0204.0402	T&T Gear / Variable / 7,5	20	1195 - 1695	1395	247,5	247,5	-	2	6
	V.0201.0502	V.0204.0502	T&T Gear / Variable / 7,5	20	1695 - 2195	1895	347,5	347,5	-	2	6
	V.0201.0802	V.0204.0802	T&T Gear / Variable / 7,5	20	1895 - 2395	2095	235,5	444,5	697,5	3	10

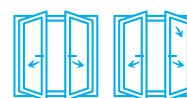
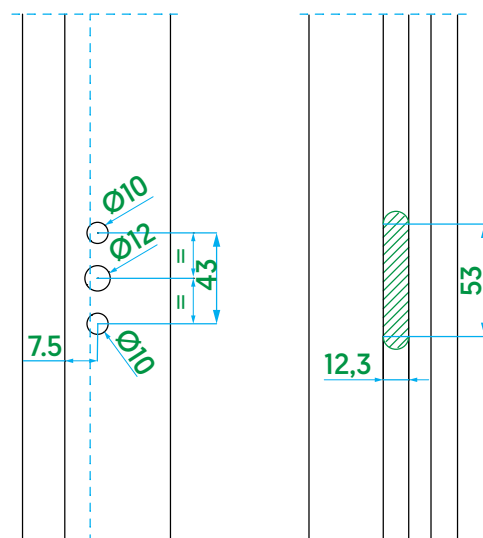
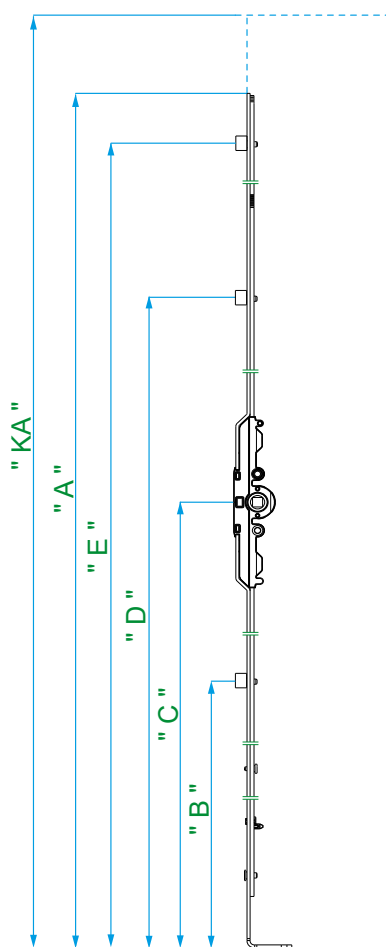
* Mishandling and lifting device can not be used.



Tilt & Turn Gear

Constant

Backset	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]	 	
7.5 mm	V.0210.0202	V.0211.0202	T&T Gear / Constant / 7,5	20	600 - 850	700	-	270	378,5	-	1	2
	V.0210.0302	V.0211.0302	T&T Gear / Constant / 7,5	20	850 - 1100	950	-	400	508,5		1	4
	V.0210.0402	V.0211.0402	T&T Gear / Constant / 7,5	20	1100 - 1350	1200	-	500	681,2	-	1	6
	V.0210.0502	V.0211.0502	T&T Gear / Constant / 7,5	20	1350 - 1600	1450	-	560	678,5	1100	2	6
	V.0210.0602	V.0211.0602	T&T Gear / Constant / 7,5	20	1600 - 1850	1700	-	560	678,5	1350	2	6
	V.0210.0702	V.0211.0702	T&T Gear / Constant / 7,5	20	1600 - 1850	1700	681	1000	1350	-	2	6
	V.0210.0802	V.0211.0802	T&T Gear / Constant / 7,5	20	1850 - 2100	1950	681	1000	1350	-	2	7
	V.0210.0902	V.0211.0902	T&T Gear / Constant / 7,5	20	2100 - 2350	2200	681	1000	1350	-	2	8
	V.0210.1002	V.0211.1002	T&T Gear / Constant / 7,5	20	850 - 1100	950	-	270	511	-	1	4

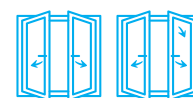
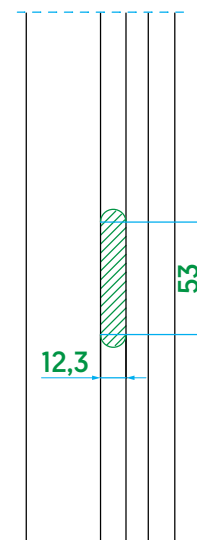
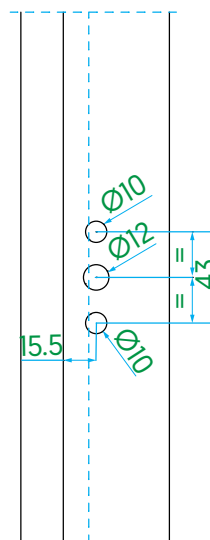
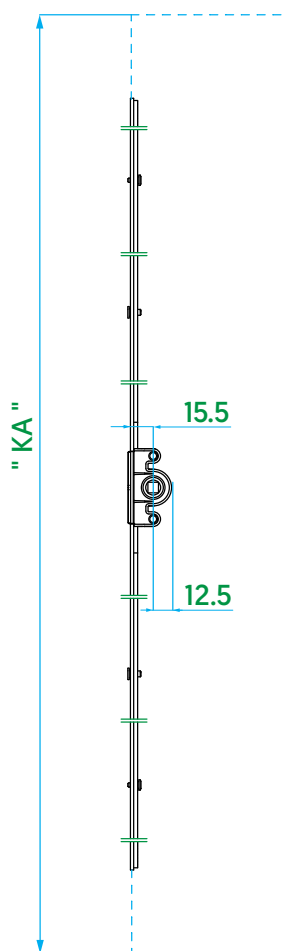


Tilt & Turn Gear

Variable







Backset	Article Code	Description	Qty in Box	'KA' [mm]	
15,5 mm Without Cam	V.0212.0202	T&T Gear / Variable / 15,5 / Without Cam	10	700 - 1200	3
	V.0212.0302	T&T Gear / Variable / 15,5 / Without Cam	10	900 - 1400	4
	V.0212.0402	T&T Gear / Variable / 15,5 / Without Cam	10	1200 - 1700	6
	V.0212.0502	T&T Gear / Variable / 15,5 / Without Cam	10	1700 - 2200	6
	V.0212.0702	T&T Gear / Variable / 15,5 / Without Cam	10	950 - 1450	4
	V.0212.0802	T&T Gear / Variable / 15,5 / Without Cam	10	1900 - 2400	10

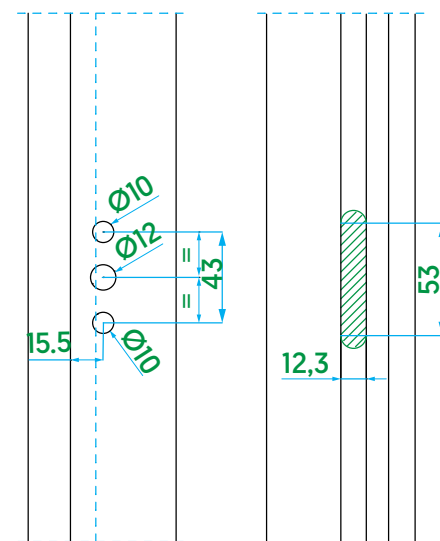
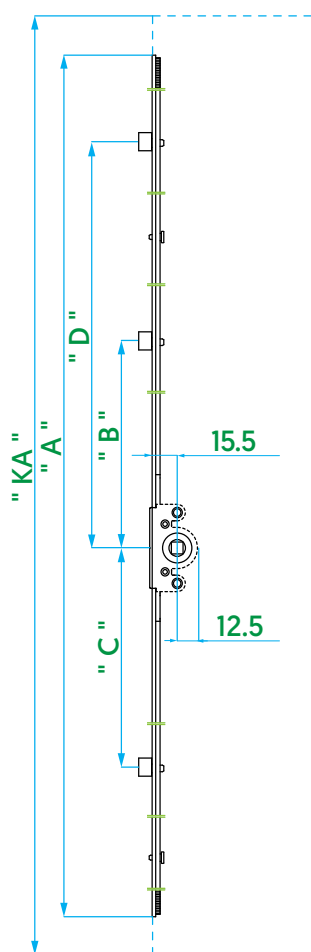


Tilt & Turn Gear

Variable

Backset	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]		
15.5 mm	V.0202.0102*	-	T&T Gear / Variable / 15,5	10	450 - 700	400	-	-	-	-	-
	V.0202.0202	V.0205.0202	T&T Gear / Variable / 15,5	10	700 - 1200	900	111	-	-	1	3
	V.0202.0302	V.0205.0302	T&T Gear / Variable / 15,5	10	900 - 1400	1100	111	-	-	1	4
	V.0202.0402	V.0205.0402	T&T Gear / Variable / 15,5	10	1200 - 1700	1400	250	250	-	2	6
	V.0202.0502	V.0205.0502	T&T Gear / Variable / 15,5	10	1700 - 2200	1900	350	350	-	2	6
	V.0202.0602*	-	T&T Gear / Variable / 15,5	10	600 - 800	500	-	-	-	-	2
	V.0202.0702	V.0205.0702	T&T Gear / Variable / 15,5	10	950 - 1450	1150	111	-	-	1	4
	V.0202.0802	V.0205.0802	T&T Gear / Variable / 15,5	10	1900 - 2400	2100	238	447	700	3	10
	V.0202.1002	V.0205.1002	T&T Gear / Variable / 15,5	10	530-700	400	-	-	-	-	2
	V.0202.1102	V.0205.1102	T&T Gear / Variable / 15,5	10	900-1450	1150	111	236	-	2	4

* Mishandling and lifting device can not be used.



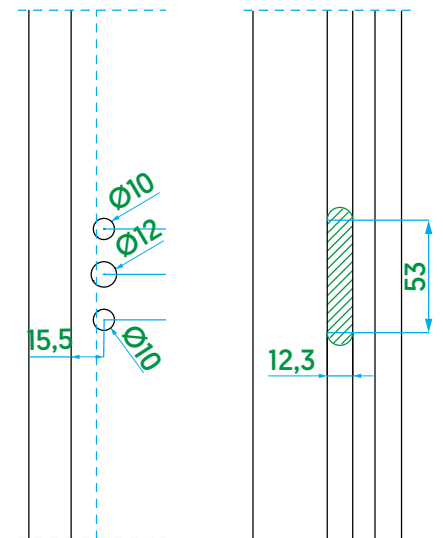
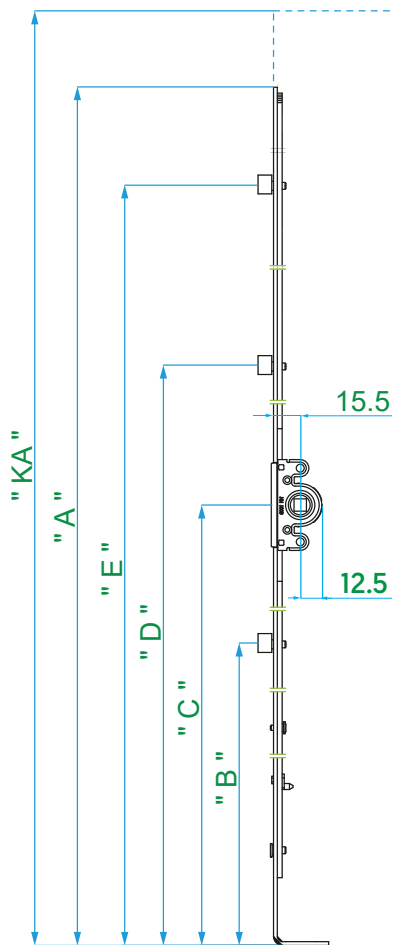
Tilt & Turn Gear

Constant







Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)	'E' (mm)		
15.5 mm	V.0203.0102	-	T&T Gear / Constant / 15,5	20	480 - 600	580	-	170	-	-	-	2
	V.0203.0202	V.0206.0202	T&T Gear / Constant / 15,5	20	600 - 850	700	-	270	381	-	1	3
	V.0203.0302	V.0206.0302	T&T Gear / Constant / 15,5	20	850 - 1100	950	-	400	511	-	1	4
	V.0203.0402	V.0206.0402	T&T Gear / Constant / 15,5	20	1100 - 1350	1200	-	500	681	-	1	6
	V.0203.0502	V.0206.0502	T&T Gear / Constant / 15,5	20	1350 - 1600	1450	-	681	560	1100	2	6
	V.0203.0602	V.0206.0602	T&T Gear / Constant / 15,5	20	1600 - 1850	1700	-	681	560	1350	2	6
	V.0203.0702	V.0206.0702	T&T Gear / Constant / 15,5	20	1600 - 1850	1700	681	1000	1350	-	2	6
	V.0203.0802	V.0206.0802	T&T Gear / Constant / 15,5	20	1850 - 2100	1950	681	1000	1350	-	2	7
	V.0203.0902	V.0206.0902	T&T Gear / Constant / 15,5	20	2100 - 2350	2200	681	1000	1350	-	2	8
	V.0203.1002*	-	T&T Gear / Constant / 15,5	20	275 - 480	429	-	127	-	-	-	-

** Mishandling and lifting device can not be used. The range of use is calculated according to 'short corner'.

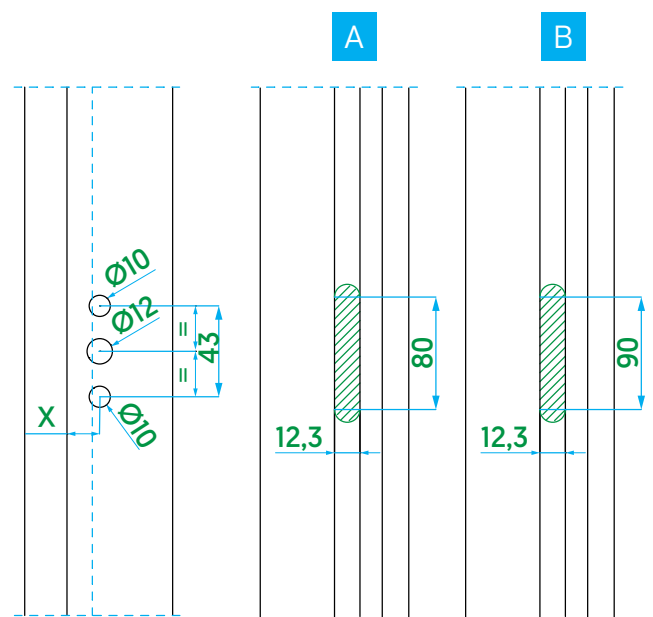
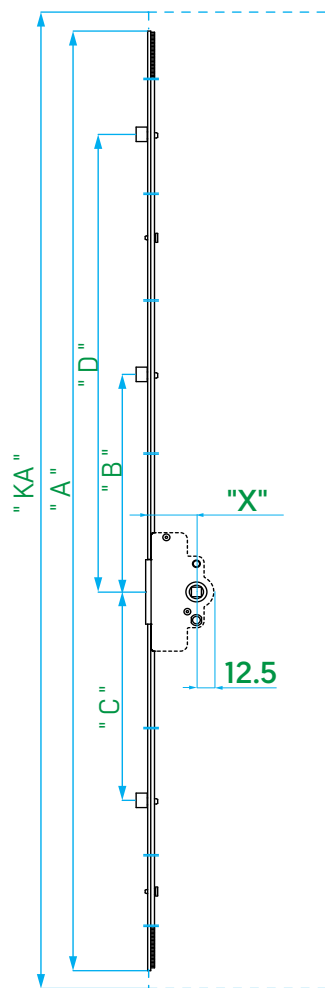


Tilt & Turn Gear

Variable

'X' [Backset]	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]		
A - 25 mm	V.0216.0102*	-	T&T Gear / Variable / 25	10	450 - 700	400	-	-	-	-	-
	V.0216.0202	V.0217.0202	T&T Gear / Variable / 25	10	700 - 1200	900	111	-	-	1	3
	V.0216.0302	V.0217.0302	T&T Gear / Variable / 25	10	900 - 1400	1100	111	-	-	1	4
	V.0216.0402	V.0217.0402	T&T Gear / Variable / 25	10	1200 - 1700	1400	250	250	-	2	6
	V.0216.0502	V.0217.0502	T&T Gear / Variable / 25	10	1700 - 2200	1900	350	350	-	2	6
	V.0216.0602*	-	T&T Gear / Variable / 25	10	600 - 800	500	-	-	-	-	2
	V.0216.0702	V.0217.0702	T&T Gear / Variable / 25	10	950 - 1450	1150	111	-	-	1	4
	V.0216.0802	V.0217.0802	T&T Gear / Variable / 25	10	1900 - 2400	2100	238	447	700	3	10
B - 30 mm	V.0228.0102*	-	T&T Gear / Variable / 30	10	450 - 700	400	-	-	-	-	-
	V.0228.0202	V.0229.0202	T&T Gear / Variable / 30	10	700 - 1200	900	111	-	-	1	3
	V.0228.0302	V.0229.0302	T&T Gear / Variable / 30	10	900 - 1400	1100	111	-	-	1	4
	V.0228.0402	V.0229.0402	T&T Gear / Variable / 30	10	1200 - 1700	1400	250	250	-	2	6
	V.0228.0502	V.0229.0502	T&T Gear / Variable / 30	10	1700 - 2200	1900	350	350	-	2	6
	V.0228.0602*	-	T&T Gear / Variable / 30	10	600 - 800	500	-	-	-	-	2
	V.0228.0702	V.0229.0702	T&T Gear / Variable / 30	10	950 - 1450	1150	111	-	-	1	4
	V.0228.0802	V.0229.0802	T&T Gear / Variable / 30	10	1900 - 2400	2100	238	447	700	3	10

* Mishandling and lifting device can not be used.



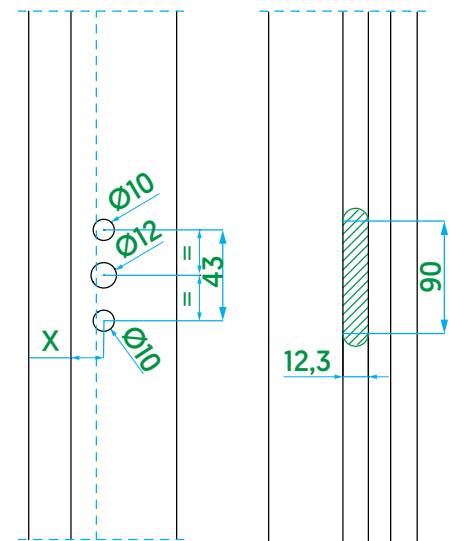
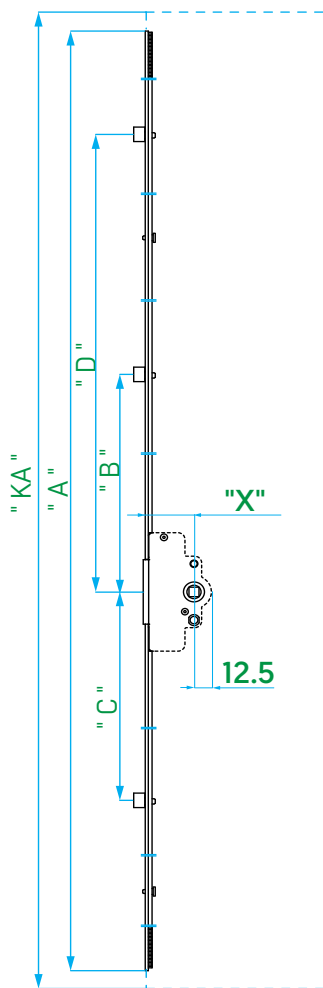
Tilt & Turn Gear

Variable







'X' [Backset]	Article Code RC	Article Code SC	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]		
35 mm	V.0218.0102*	-	T&T Gear / Variable / 35	10	450 - 700	400	-	-	-	-	-
	V.0218.0202	V.0219.0202	T&T Gear / Variable / 35	10	700 - 1200	900	111	-	-	1	3
	V.0218.0302	V.0219.0302	T&T Gear / Variable / 35	10	900 - 1400	1100	111	-	-	1	4
	V.0218.0402	V.0219.0402	T&T Gear / Variable / 35	10	1200 - 1700	1400	250	250	-	2	6
	V.0218.0502	V.0219.0502	T&T Gear / Variable / 35	10	1700 - 2200	1900	350	350	-	2	6
	V.0218.0602*	-	T&T Gear / Variable / 35	10	600 - 800	500	-	-	-	-	2
	V.0218.0702	V.0219.0702	T&T Gear / Variable / 35	10	950 - 1450	1150	111	-	-	1	4
	V.0218.0802	V.0219.0802	T&T Gear / Variable / 35	10	1900 - 2400	2100	238	447	700	3	10
40 mm	V.0233.0102*	-	T&T Gear / Variable / 40	10	450 - 700	400	-	-	-	-	-
	V.0233.0202	V.0234.0202	T&T Gear / Variable / 40	10	700 - 1200	900	111	-	-	1	3
	V.0233.0302	V.0234.0302	T&T Gear / Variable / 40	10	900 - 1400	1100	111	-	-	1	4
	V.0233.0402	V.0234.0402	T&T Gear / Variable / 40	10	1200 - 1700	1400	250	250	-	2	6
	V.0233.0502	V.0234.0502	T&T Gear / Variable / 40	10	1700 - 2200	1900	350	350	-	2	6
	V.0233.0602*	-	T&T Gear / Variable / 40	10	600 - 800	500	-	-	-	-	2
	V.0233.0702	V.0234.0702	T&T Gear / Variable / 40	10	950 - 1450	1150	111	-	-	1	4
	V.0233.0802	V.0234.0802	T&T Gear / Variable / 40	10	1900 - 2400	2100	238	447	700	3	10

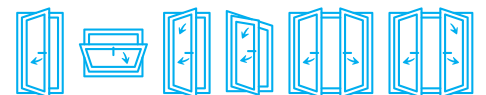
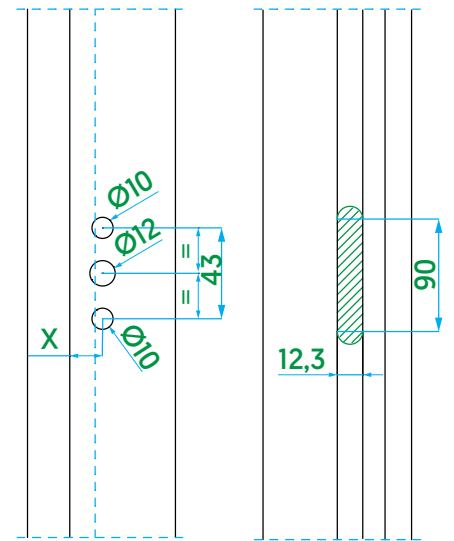
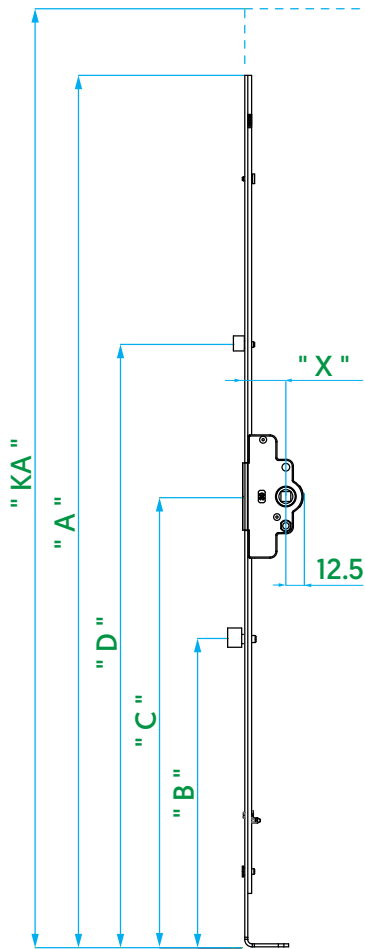
* Mishandling and lifting device can not be used.



Tilt & Turn Gear

Constant

'X' [Backset]	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]		
30 mm	V.0214.0102	-	T&T Gear / Constant / 30	10	480 - 600	580	-	170	-	-	2
	V.0214.0202	V.0215.0202	T&T Gear / Constant / 30	10	600 - 850	700	-	270	381	1	3
	V.0214.0302	V.0215.0302	T&T Gear / Constant / 30	10	850 - 1100	950	-	400	511	1	4
	V.0214.0402	V.0215.0402	T&T Gear / Constant / 30	10	1100 - 1350	1200	-	500	681	1	6
	V.0214.0502	V.0215.0502	T&T Gear / Constant / 30	10	1350 - 1600	1450	681	560	1100	2	6
	V.0214.0602	V.0215.0602	T&T Gear / Constant / 30	10	1600 - 1850	1700	681	560	1350	2	6
	V.0214.0702	V.0215.0702	T&T Gear / Constant / 30	10	1600 - 1850	1700	681	1000	1350	2	6
	V.0214.0802	V.0215.0802	T&T Gear / Constant / 30	10	1850 - 2100	1950	681	1000	1350	2	7
	V.0214.0902	V.0215.0902	T&T Gear / Constant / 30	10	2100 - 2350	2200	681	1000	1350	2	8
35 mm	V.0230.0102	-	T&T Gear / Constant / 35	10	480 - 600	580	-	170	-	-	2
	V.0230.0202	V.0231.0202	T&T Gear / Constant / 35	10	600 - 850	700	-	270	381	1	3
	V.0230.0302	V.0231.0302	T&T Gear / Constant / 35	10	850 - 1100	950	-	400	511	1	4
	V.0230.0402	V.0231.0402	T&T Gear / Constant / 35	10	1100 - 1350	1200	-	500	681	1	6
	V.0230.0502	V.0231.0502	T&T Gear / Constant / 35	10	1350 - 1600	1450	681	560	1100	2	6
	V.0230.0602	V.0231.0602	T&T Gear / Constant / 35	10	1600 - 1850	1700	681	560	1350	2	6
	V.0230.0702	V.0231.0702	T&T Gear / Constant / 35	10	1600 - 1850	1700	681	1000	1350	2	6
	V.0230.0802	V.0231.0802	T&T Gear / Constant / 35	10	1850 - 2100	1950	681	1000	1350	2	7
	V.0230.0902	V.0231.0902	T&T Gear / Constant / 35	10	2100 - 2350	2200	681	1000	1350	2	8



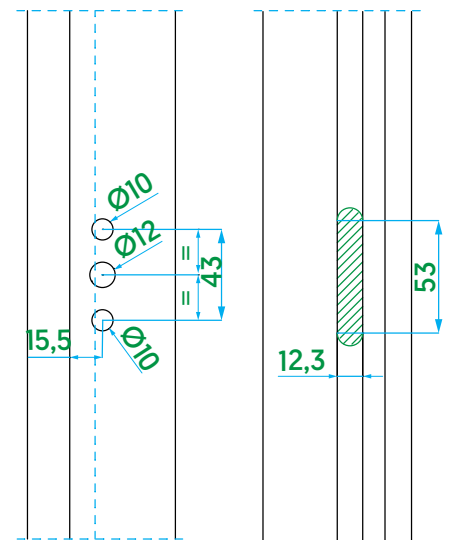
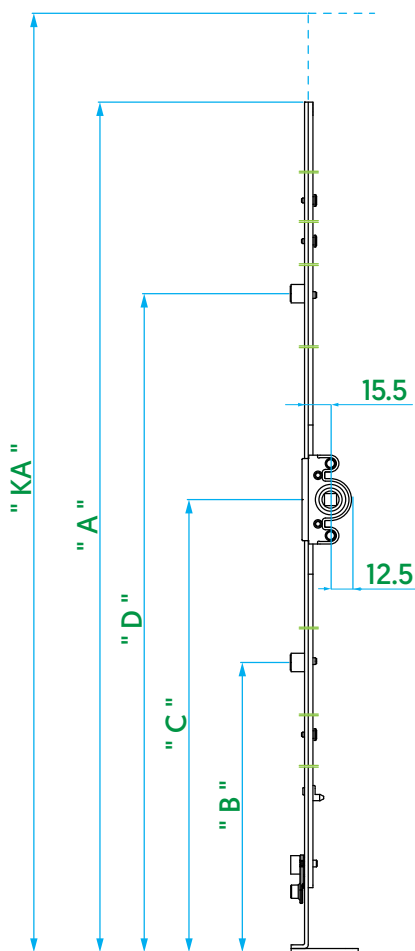
Tilt & Turn Gear

Constant / Horizontal Application







Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]		
15.5 mm	V.0220.0102*	-	T&T Gear / Constant / 15,5	10	260 - 480	330	-	130	-	-	2
	V.0220.0202	-	T&T Gear / Constant / 15,5	10	480 - 600	580	-	170	-	-	4
	V.0220.0302	V.0221.0302	T&T Gear / Constant / 15,5	10	600 - 850	700	-	270	381	1	5
	V.0220.0402	V.0221.0402	T&T Gear / Constant / 15,5	10	850 - 1100	950	-	400	511	1	6
	V.0220.0502	V.0221.0502	T&T Gear / Constant / 15,5	10	1100 - 1350	1200	-	500	681	1	8
	V.0220.0602	V.0221.0602	T&T Gear / Constant / 15,5	10	1350 - 1600	1450	681	560	1100	2	8
	V.0220.0702	V.0221.0702	T&T Gear / Constant / 15,5	10	1600 - 1850	1700	681	560	1350	2	8
	V.0220.0802	V.0221.0802	T&T Gear / Constant / 15,5	10	1600 - 1850	1700	681	1000	1350	2	8
	V.0220.0902	V.0221.0902	T&T Gear / Constant / 15,5	10	1850 - 2100	1950	681	1000	1350	2	9
	V.0220.1002	V.0221.1002	T&T Gear / Constant / 15,5	10	2100 - 2350	2200	681	1000	1350	2	10
	V.0220.1102*	-	T&T Gear / Constant	10	290 - 510	360	-	145	-	-	2

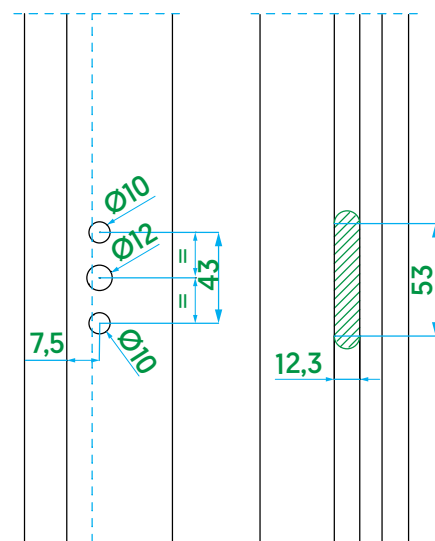
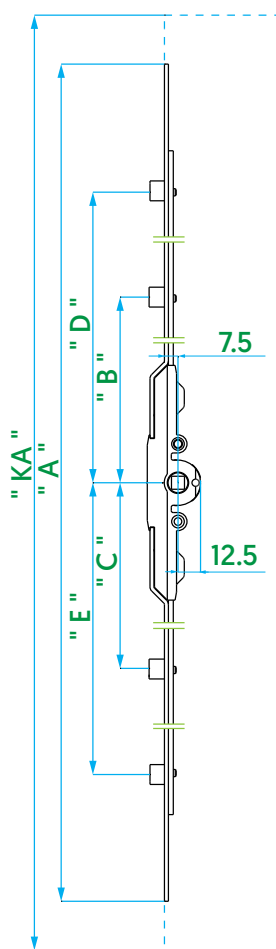
* Mishandling and lifting device can not be used. The range of use is calculated according to 'short corner'.



Turn Only Gear

Variable

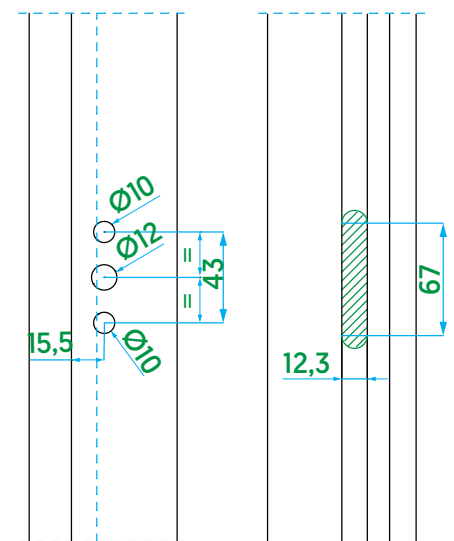
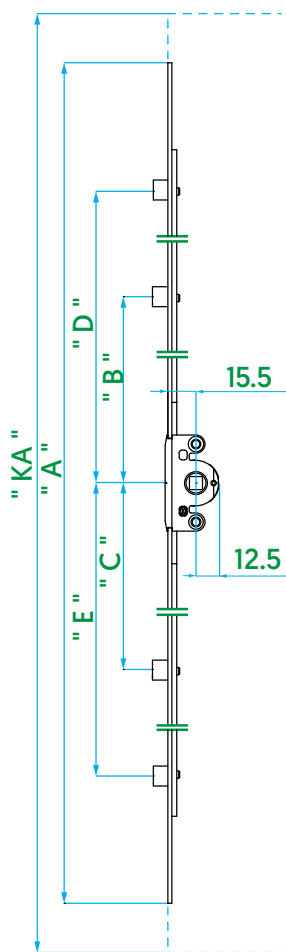
Backset	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
7,5 mm	V.0101.0102	V.0109.0102	TO Gear / Variable / 7,5	20	395 - 595	395	-	-	126.5	144.5	2	4
	V.0101.0202	V.0109.0202	TO Gear / Variable / 7,5	20	595 - 795	595	-	-	226.5	244.5	2	6
	V.0101.0302	V.0109.0302	TO Gear / Variable / 7,5	20	795 - 995	795	-	-	326.5	344.5	2	6
	V.0101.0402	V.0109.0402	TO Gear / Variable / 7,5	20	995 - 1195	995	102.5	-	426.5	444.5	3	9
	V.0101.0502	V.0109.0502	TO Gear / Variable / 7,5	20	1195 - 1395	1195	102.5	-	526.5	544.5	3	9
	V.0101.0602	V.0109.0602	TO Gear / Variable / 7,5	20	1395 - 1595	1395	102.5	-	626.5	644.5	3	9
	V.0101.0802	V.0109.0802	TO Gear / Variable / 7,5	20	1595 - 1795	1595	234.5	252.5	726.5	744.5	4	12
	V.0101.1002	V.0109.1002	TO Gear / Variable / 7,5	20	1795 - 1995	1795	267.5	285.5	826.5	844.5	4	12
	V.0101.1102	V.0109.1102	TO Gear / Variable / 7,5	20	1995 - 2195	1995	266.5	284.5	926.5	944.5	4	14
	V.0101.1202	V.0109.1202	TO Gear / Variable / 7,5	20	2195 - 2395	2195	316,5	334,5	1026,5	1044,5	4	14







Turn Only Gear Variable

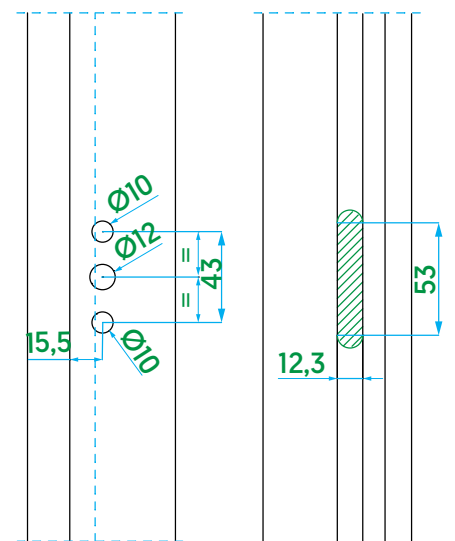
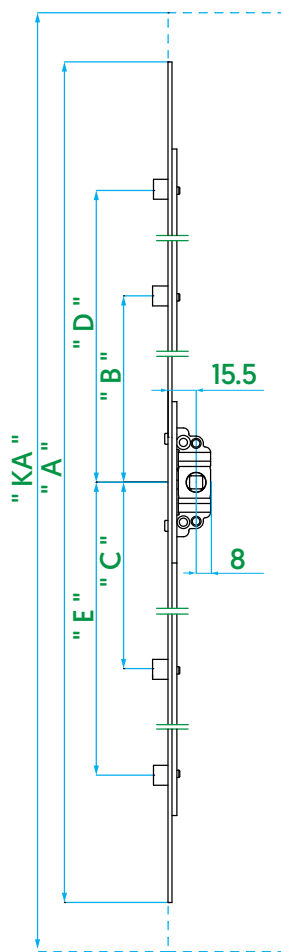


Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
15,5 mm	V.0102.0102	V.0108.0102	TO Gear / Variable / 15,5	20	300 - 400	300	-	-	79	97	2	4
	V.0102.0202	V.0108.0202	TO Gear / Variable / 15,5	20	400 - 600	400	-	-	129	147	2	4
	V.0102.0302	V.0108.0302	TO Gear / Variable / 15,5	20	600 - 800	600	-	-	229	247	2	6
	V.0102.0402	V.0108.0402	TO Gear / Variable / 15,5	20	800 - 1000	800	-	-	329	347	2	6
	V.0102.0502	V.0108.0502	TO Gear / Variable / 15,5	20	1000 - 1200	1000	105	-	429	447	3	9
	V.0102.0602	V.0108.0602	TO Gear / Variable / 15,5	20	1200 - 1400	1200	105	-	529	547	3	9
	V.0102.0702	V.0108.0702	TO Gear / Variable / 15,5	20	1400 - 1600	1400	105	-	629	647	3	9
	V.0102.0902	V.0108.0902	TO Gear / Variable / 15,5	20	1600 - 1800	1600	237	255	729	747	4	12
	V.0102.1102	V.0108.1102	TO Gear / Variable / 15,5	20	1800 - 2000	1800	270	288	829	847	4	12
	V.0102.1202	V.0108.1202	TO Gear / Variable / 15,5	20	2000 - 2200	2000	269	288	929	947	4	14
	V.0102.1302	V.0108.1302	TO Gear / Variable / 15,5	20	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0102.1402	V.0108.1402	TO Gear / Variable / 15,5	20	900 - 1100	900	-	-	389	371	2	6
	V.0102.1502	V.0108.1502	TO Gear / Variable / 15,5	20	1100 - 1300	1100	-	101,5	493,5	475,5	3	9
	V.0102.1602	V.0108.1602	TO Gear / Variable / 15,5	20	1300 - 1500	1300	-	101,5	493,5	575,5	3	9



Turn Only Gear Variable

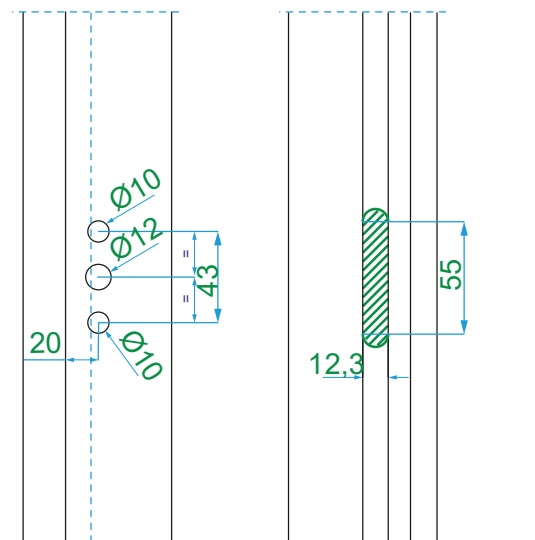
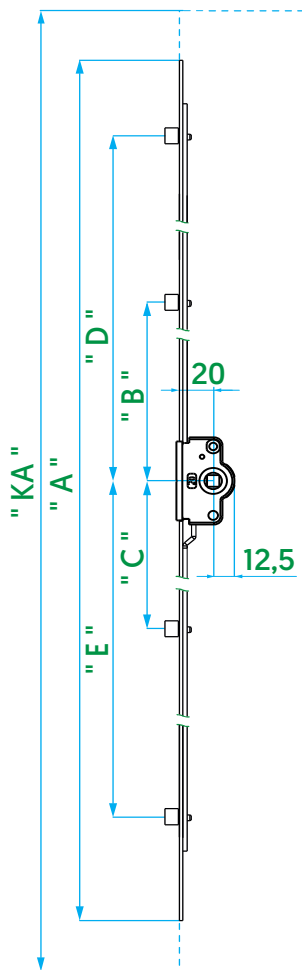
Backset	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)	'E' (mm)		
15,5 mm Steel Hub	V.0103.0102	V.0107.0102	TO Gear / Variable / 15,5 / Steel Hub	20	300 - 400	300	-	-	84	102	2	4
	V.0103.0202	V.0107.0202	TO Gear / Variable / 15,5 / Steel Hub	20	400 - 600	400	-	-	129	147	2	4
	V.0103.0302	V.0107.0302	TO Gear / Variable / 15,5 / Steel Hub	20	600 - 800	600	-	-	202	220	2	4
	V.0103.0402	V.0107.0402	TO Gear / Variable / 15,5 / Steel Hub	20	800 - 1000	800	-	-	232	250	2	6
	V.0103.0502	V.0107.0502	TO Gear / Variable / 15,5 / Steel Hub	20	1000 - 1200	1000	105	-	332	350	3	8
	V.0103.0602	V.0107.0602	TO Gear / Variable / 15,5 / Steel Hub	20	1200 - 1400	1200	105	-	432	450	3	9
	V.0103.0702	V.0107.0702	TO Gear / Variable / 15,5 / Steel Hub	20	1400 - 1600	1400	105	-	532	550	3	9
	V.0103.0902	V.0107.0902	TO Gear / Variable / 15,5 / Steel Hub	20	1600 - 1800	1600	237	255	632	650	4	12
	V.0103.1102	V.0107.1102	TO Gear / Variable / 15,5 / Steel Hub	20	1800 - 2000	1800	270	288	732	750	4	12
	V.0103.1202	V.0107.1202	TO Gear / Variable / 15,5 / Steel Hub	20	2000 - 2200	2000	269	287	832	850	4	14
	V.0103.1302	V.0107.1302	TO Gear / Variable / 15,5 / Steel Hub	20	2200 - 2400	2200	319	337	932	950	4	14
	V.0103.1402	V.0107.1402	TO Gear / Variable / 15,5 / Steel Hub	20	900 - 1100	900	-	-	282	300	2	6
	V.0103.1502	V.0107.1502	TO Gear / Variable / 15,5 / Steel Hub	20	1100 - 1300	1100	105	-	382	400	3	9
	V.0103.1602	V.0107.1602	TO Gear / Variable / 15,5 / Steel Hub	20	1300 - 1500	1300	105	-	482	500	3	9



Turn Only Gear Variable







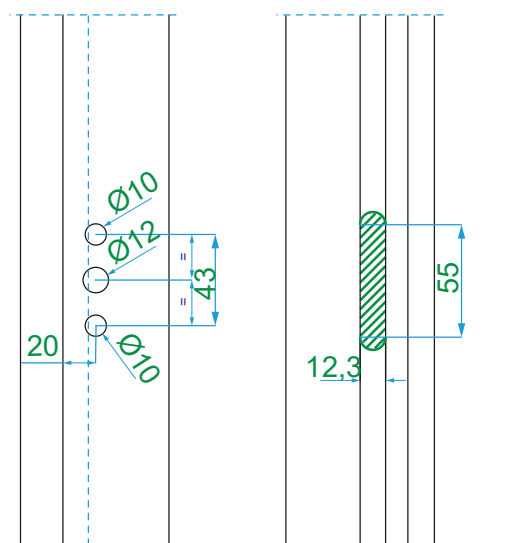
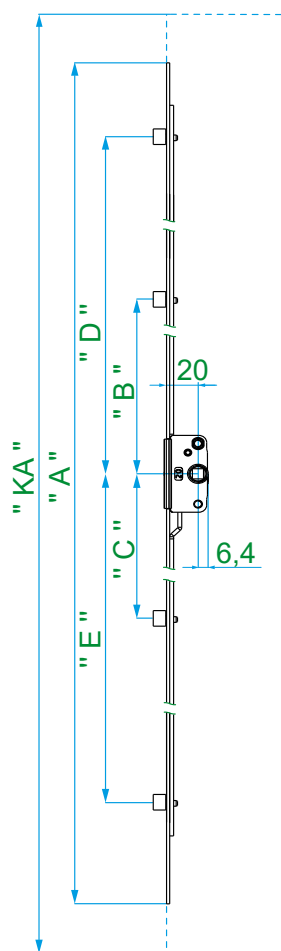
Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
20 mm	V.0125.0102	V.0126.0102	TO Gear / Variable / 20	20	300 - 400	300	-	-	79	97	2	4
	V.0125.0202	V.0126.0202	TO Gear / Variable / 20	20	400 - 600	400	-	-	129	147	2	4
	V.0125.0302	V.0126.0302	TO Gear / Variable / 20	20	600 - 800	600	-	-	229	247	2	4
	V.0125.0402	V.0126.0402	TO Gear / Variable / 20	20	800 - 1000	800	-	-	329	347	2	6
	V.0125.0502	V.0126.0502	TO Gear / Variable / 20	20	1000 - 1200	1000	105	-	429	7	3	8
	V.0125.0602	V.0126.0602	TO Gear / Variable / 20	20	1200 - 1400	1200	105	-	529	547	3	9
	V.0125.0702	V.0126.0702	TO Gear / Variable / 20	20	1400 - 1600	1400	105	-	629	647	3	9
	V.0125.0902	V.0126.0902	TO Gear / Variable / 20	20	1600 - 1800	1600	237	255	729	747	4	12
	V.0125.1102	V.0126.1102	TO Gear / Variable / 20	20	1800 - 2000	1800	270	288	829	847	4	12
	V.0125.1202	V.0126.1202	TO Gear / Variable / 20	20	2000 - 2200	2000	269	288	929	947	4	14
	V.0125.1302	V.0126.1302	TO Gear / Variable / 20	20	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0125.1402	V.0126.1402	TO Gear / Variable / 20	20	900 - 1100	900	-	-	389	371	2	6
	V.0125.1502	V.0126.1502	TO Gear / Variable / 20	20	1100-1300	1100	-	101,5	493,5	475,5	3	9
	V.0125.1602	V.0126.1602	TO Gear / Variable / 20	20	1300-1500	1300	-	101,5	593,5	575,5	3	9



Turn Only Gear

Variable / For Narrow Profiles

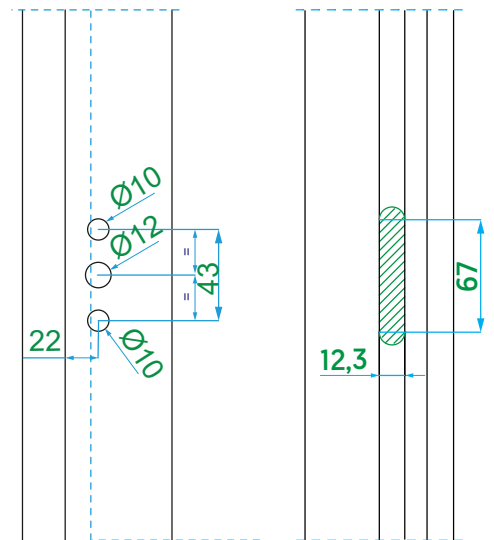
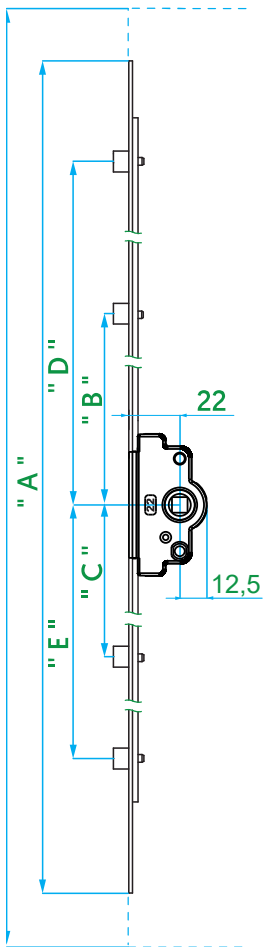
Backset	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
20 mm	V.0128.0102	V.0129.0102	TO Gear / Variable / 20	20	300 - 400	300	-	-	79	97	2	4
	V.0128.0202	V.0129.0202	TO Gear / Variable / 20	20	400 - 600	400	-	-	129	147	2	4
	V.0128.0302	V.0129.0302	TO Gear / Variable / 20	20	600 - 800	600	-	-	229	247	2	4
	V.0128.0402	V.0129.0402	TO Gear / Variable / 20	20	800 - 1000	800	-	-	329	347	2	6
	V.0128.0502	V.0129.0502	TO Gear / Variable / 20	20	1000 - 1200	1000	105	-	429	447	3	8
	V.0128.0602	V.0129.0602	TO Gear / Variable / 20	20	1200 - 1400	1200	105	-	529	547	3	9
	V.0128.0702	V.0129.0702	TO Gear / Variable / 20	20	1400 - 1600	1400	105	-	629	647	3	9
	V.0128.0902	V.0129.0902	TO Gear / Variable / 20	20	1600 - 1800	1600	237	255	729	747	4	12
	V.0128.1102	V.0129.1102	TO Gear / Variable / 20	20	1800 - 2000	1800	270	288	829	847	4	12
	V.0128.1202	V.0129.1202	TO Gear / Variable / 20	20	2000 - 2200	2000	269	288	929	947	4	14
	V.0128.1302	V.0129.1302	TO Gear / Variable / 20	20	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0128.1402	V.0129.1402	TO Gear / Variable / 20	20	900 - 1100	900	-	-	389	371	2	6
	V.0128.1502	V.0129.1502	TO Gear / Variable / 20	20	1100 - 1300	1100	-	101,5	493,5	475,5	3	9
	V.0128.1602	V.0129.1602	TO Gear / Variable / 20	20	1300 - 1500	1300	-	101,5	593,5	575,5	3	9



Turn Only Gear Variable







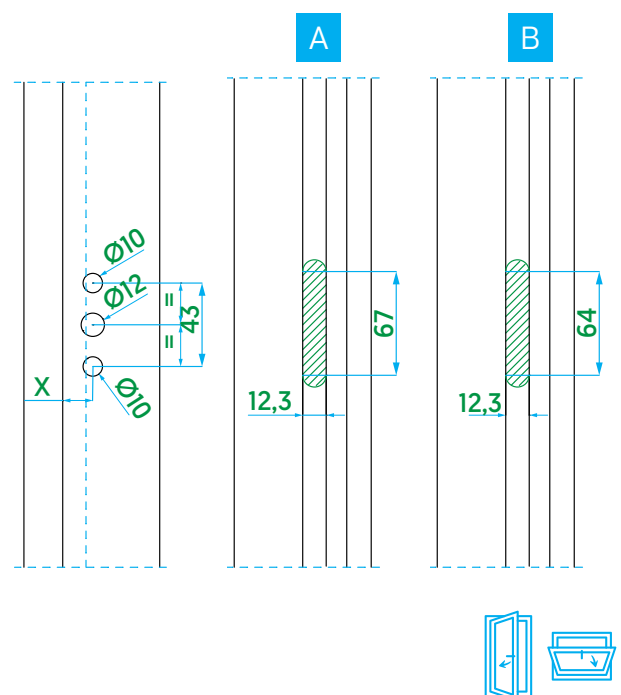
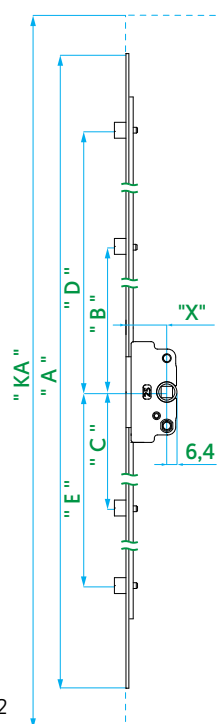
Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)	'E' (mm)		
22 mm	V.0121.0102	V.0122.0102	TO Gear / Variable / 22	20	300 - 400	300	-	-	79	97	2	4
	V.0121.0202	V.0122.0202	TO Gear / Variable / 22	20	400 - 600	400	-	-	129	147	2	4
	V.0121.0302	V.0122.0302	TO Gear / Variable / 22	20	600 - 800	600	-	-	229	247	2	4
	V.0121.0402	V.0122.0402	TO Gear / Variable / 22	20	800 - 1000	800	-	-	329	347	2	6
	V.0121.0502	V.0122.0502	TO Gear / Variable / 22	20	1000 - 1200	1000	105	-	429	447	3	8
	V.0121.0602	V.0122.0602	TO Gear / Variable / 22	20	1200 - 1400	1200	105	-	529	547	3	9
	V.0121.0702	V.0122.0702	TO Gear / Variable / 22	20	1400 - 1600	1400	105	-	629	647	3	9
	V.0121.0902	V.0122.0902	TO Gear / Variable / 22	20	1600 - 1800	1600	237	255	729	747	4	12
	V.0121.1102	V.0122.1102	TO Gear / Variable / 22	20	1800 - 2000	1800	270	288	829	847	4	12
	V.0121.1202	V.0122.1202	TO Gear / Variable / 22	20	2000 - 2200	2000	269	288	929	947	4	14
	V.0121.1302	V.0122.1302	TO Gear / Variable / 22	20	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0121.1402	V.0122.1402	TO Gear / Variable / 22	20	900 - 1100	900	-	-	380	397	2	6
	V.0121.1502	V.0122.1502	TO Gear / Variable / 22	20	1100 - 1300	1100	105	-	479	497	3	9
	V.0121.1602	V.0122.1602	TO Gear / Variable / 22	20	1300 - 1500	1300	105	-	579	597	3	9



Turn Only Gear

Variable / For Narrow Profiles

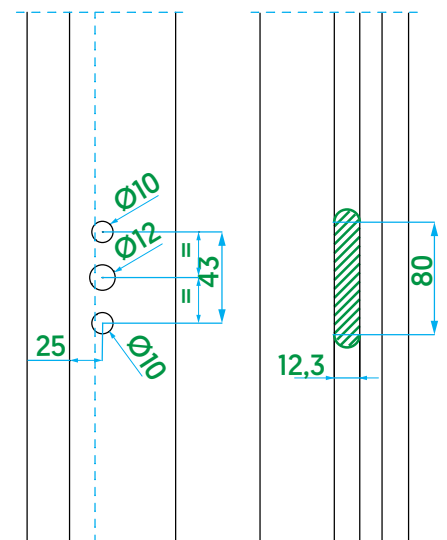
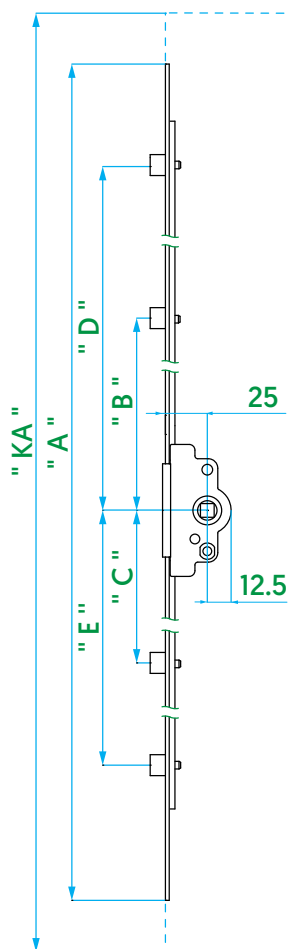
'X' (Backset)	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)	'E' (mm)			
A - 22 mm	V.0130.0102	V.0131.0102	TO Gear / Variable / 22	20	300 - 400	300	-	-	79	97	2	4	
	V.0130.0202	V.0131.0202	TO Gear / Variable / 22	20	400 - 600	400	-	-	129	147	2	4	
	V.0130.0302	V.0131.0302	TO Gear / Variable / 22	20	600 - 800	600	-	-	229	247	2	4	
	V.0130.0402	V.0131.0402	TO Gear / Variable / 22	20	800 - 1000	800	-	-	329	347	2	6	
	V.0130.0502	V.0131.0502	TO Gear / Variable / 22	20	1000 - 1200	1000	105	-	429	447	3	8	
	V.0130.0602	V.0131.0602	TO Gear / Variable / 22	20	1200 - 1400	1200	105	-	529	547	3	9	
	V.0130.0702	V.0131.0702	TO Gear / Variable / 22	20	1400 - 1600	1400	105	-	629	647	3	9	
	V.0130.0902	V.0131.0902	TO Gear / Variable / 22	20	1600 - 1800	1600	237	255	729	747	4	12	
	V.0130.1102	V.0131.1102	TO Gear / Variable / 22	20	1800 - 2000	1800	270	288	829	847	4	12	
	V.0130.1202	V.0131.1202	TO Gear / Variable / 22	20	2000 - 2200	2000	269	288	929	947	4	14	
	V.0130.1302	V.0131.1302	TO Gear / Variable / 22	20	2200 - 2400	2200	319	337	1029	1047	4	14	
	V.0130.1402	V.0131.1402	TO Gear / Variable / 22	20	900 - 1100	900	-	-	379	397	2	6	
	V.0130.1502	V.0131.1502	TO Gear / Variable / 22	20	1100 - 1300	1100	105	-	479	497	3	9	
	V.0130.1602	V.0131.1602	TO Gear / Variable / 22	20	1300 - 1500	1300	105	-	579	597	3	9	
	B - 25 mm	V.0135.0102	V.0136.0102	TO Gear / Variable / 25	20	300 - 400	300	-	-	79	97	2	4
		V.0135.0202	V.0136.0202	TO Gear / Variable / 25	20	400 - 600	400	-	-	129	147	2	4
V.0135.0302		V.0136.0302	TO Gear / Variable / 25	20	600 - 800	600	-	-	229	247	2	4	
V.0135.0402		V.0136.0402	TO Gear / Variable / 25	20	800 - 1000	800	-	-	329	347	2	6	
V.0135.0502		V.0136.0502	TO Gear / Variable / 25	20	1000 - 1200	1000	105	-	429	447	3	8	
V.0135.0602		V.0136.0602	TO Gear / Variable / 25	20	1200 - 1400	1200	105	-	529	547	3	9	
V.0135.0702		V.0136.0702	TO Gear / Variable / 25	20	1400 - 1600	1400	105	-	629	647	3	9	
V.0135.0902		V.0136.0902	TO Gear / Variable / 25	20	1600 - 1800	1600	237	255	729	747	4	12	
V.0135.1102		V.0136.1102	TO Gear / Variable / 25	20	1800 - 2000	1800	270	288	829	847	4	12	
V.0135.1202		V.0136.1202	TO Gear / Variable / 25	20	2000 - 2200	2000	269	288	929	947	4	14	
V.0135.1302		V.0136.1302	TO Gear / Variable / 25	20	2200 - 2400	2200	319	337	1029	1047	4	14	
V.0135.1402		V.0136.1402	TO Gear / Variable / 25	20	900 - 1100	900	-	-	379	397	2	6	
V.0135.1502		V.0136.1502	TO Gear / Variable / 25	20	1100 - 1300	1100	105	-	479	497	3	9	
V.0135.1602		V.0136.1602	TO Gear / Variable / 25	20	1300 - 1500	1300	105	-	579	597	3	9	



Turn Only Gear Variable







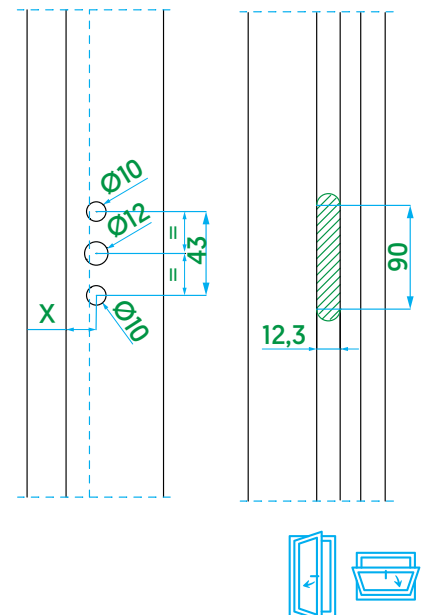
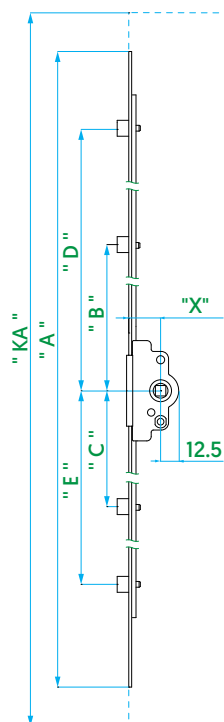
Backset	Article Code RC	Article Code SC	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
25 mm	V.0123.0102	V.0124.0102	TO Gear / Variable / 25	10	300 - 400	300	-	-	79	97	2	4
	V.0123.0202	V.0124.0202	TO Gear / Variable / 25	10	400 - 600	400	-	-	129	147	2	4
	V.0123.0302	V.0124.0302	TO Gear / Variable / 25	10	600 - 800	600	-	-	229	247	2	6
	V.0123.0402	V.0124.0402	TO Gear / Variable / 25	10	800 - 1000	800	-	-	329	347	2	6
	V.0123.0502	V.0124.0502	TO Gear / Variable / 25	10	1000 - 1200	1000	105	-	429	447	3	9
	V.0123.0602	V.0124.0602	TO Gear / Variable / 25	10	1200 - 1400	1200	105	-	529	547	3	9
	V.0123.0702	V.0124.0702	TO Gear / Variable / 25	10	1400 - 1600	1400	105	-	629	647	3	9
	V.0123.0902	V.0124.0902	TO Gear / Variable / 25	10	1600 - 1800	1600	237	255	729	747	4	12
	V.0123.1102	V.0124.1102	TO Gear / Variable / 25	10	1800 - 2000	1800	270	288	829	847	4	12
	V.0123.1202	V.0124.1202	TO Gear / Variable / 25	10	2000 - 2200	2000	269	288	929	947	4	14
	V.0123.1302	V.0124.1302	TO Gear / Variable / 25	10	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0123.1402	V.0124.1402	TO Gear / Variable / 25	20	900 - 1100	900	-	-	379	397	2	6
	V.0123.1502	V.0124.1502	TO Gear / Variable / 25	20	1100 - 1300	1100	105	-	479	497	3	9
	V.0123.1602	V.0124.1602	TO Gear / Variable / 25	20	1300 - 1500	1300	105	-	579	597	3	9



Turn Only Gear

Variable

'X' [Backset]	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]	'C' [mm]	'D' [mm]	'E' [mm]		
30 mm	V.0138.0102	V.0139.0102	TO Gear / Variable / 30	10	300 - 400	300	-	-	79	97	2	4
	V.0138.0202	V.0139.0202	TO Gear / Variable / 30	10	400 - 600	400	-	-	129	147	2	4
	V.0138.0302	V.0139.0302	TO Gear / Variable / 30	10	600 - 800	600	-	-	229	247	2	6
	V.0138.0402	V.0139.0402	TO Gear / Variable / 30	10	800 - 1000	800	-	-	329	347	2	6
	V.0138.0502	V.0139.0502	TO Gear / Variable / 30	10	1000 - 1200	1000	105	-	429	447	3	9
	V.0138.0602	V.0139.0602	TO Gear / Variable / 30	10	1200 - 1400	1200	105	-	529	547	3	9
	V.0138.0702	V.0139.0702	TO Gear / Variable / 30	10	1400 - 1600	1400	105	-	629	647	3	9
	V.0138.0902	V.0139.0902	TO Gear / Variable / 30	10	1600 - 1800	1600	237	255	729	747	4	12
	V.0138.1102	V.0139.1102	TO Gear / Variable / 30	10	1800 - 2000	1800	270	288	829	847	4	12
	V.0138.1202	V.0139.1202	TO Gear / Variable / 30	10	2000 - 2200	2000	269	288	929	947	4	14
	V.0138.1302	V.0139.1302	TO Gear / Variable / 30	10	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0138.1402	V.0139.1402	TO Gear / Variable / 30	20	900 - 1100	900	-	-	379	397	2	6
	V.0138.1502	V.0139.1502	TO Gear / Variable / 30	20	1100 - 1300	1100	105	-	479	497	3	9
	V.0138.1602	V.0139.1602	TO Gear / Variable / 30	20	1300 - 1500	1300	105	-	579	597	3	9
35 mm	V.0119.0102	V.0120.0102	TO Gear / Variable / 35	10	300 - 400	300	-	-	79	97	2	4
	V.0119.0202	V.0120.0202	TO Gear / Variable / 35	10	400 - 600	400	-	-	129	147	2	4
	V.0119.0302	V.0120.0302	TO Gear / Variable / 35	10	600 - 800	600	-	-	229	247	2	6
	V.0119.0402	V.0120.0402	TO Gear / Variable / 35	10	800 - 1000	800	-	-	329	347	2	6
	V.0119.0502	V.0120.0502	TO Gear / Variable / 35	10	1000 - 1200	1000	105	-	429	447	3	9
	V.0119.0602	V.0120.0602	TO Gear / Variable / 35	10	1200 - 1400	1200	105	-	529	547	3	9
	V.0119.0702	V.0120.0702	TO Gear / Variable / 35	10	1400 - 1600	1400	105	-	629	647	3	9
	V.0119.0902	V.0120.0902	TO Gear / Variable / 35	10	1600 - 1800	1600	237	255	729	747	4	12
	V.0119.1102	V.0120.1102	TO Gear / Variable / 35	10	1800 - 2000	1800	270	288	829	847	4	12
	V.0119.1202	V.0120.1202	TO Gear / Variable / 35	10	2000 - 2200	2000	269	288	929	947	4	14
	V.0119.1302	V.0120.1302	TO Gear / Variable / 35	10	2200 - 2400	2200	319	337	1029	1047	4	14
	V.0119.1402	V.0120.1402	TO Gear / Variable / 35	20	900 - 1100	900	-	-	379	397	2	6
	V.0119.1502	V.0120.1502	TO Gear / Variable / 35	20	1100 - 1300	1100	105	-	479	497	3	9
	V.0119.1602	V.0120.1602	TO Gear / Variable / 35	20	1300 - 1500	1300	105	-	579	597	3	9

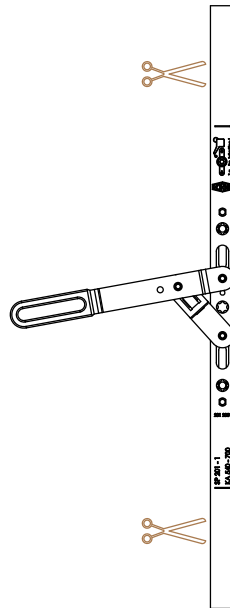
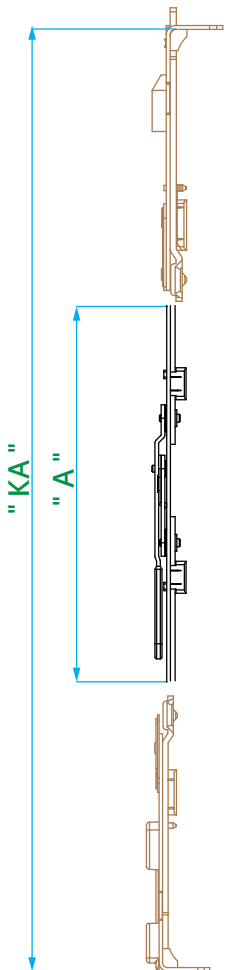


Double Sash Gear

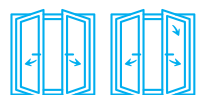
Variable



	Article Code	Description	Qty in Box	'KA' (mm)	'A' (mm)				
	V.0301.0102	Double Sash Gear	10	540 - 700	400	-	-	-	2
	V.0301.0202	Double Sash Gear	10	700 - 1200	900	1	1	-	4
	V.0301.0302	Double Sash Gear	10	900 - 1400	1100	1	1	-	6
	V.0301.0402	Double Sash Gear	10	1200 - 1700	1400	2	1	-	7
	V.0301.0502	Double Sash Gear	10	1700 - 2200	1900	2	1	1	7
	V.0301.0802	Double Sash Gear	10	1900 - 2400	2100	3	1	1	8







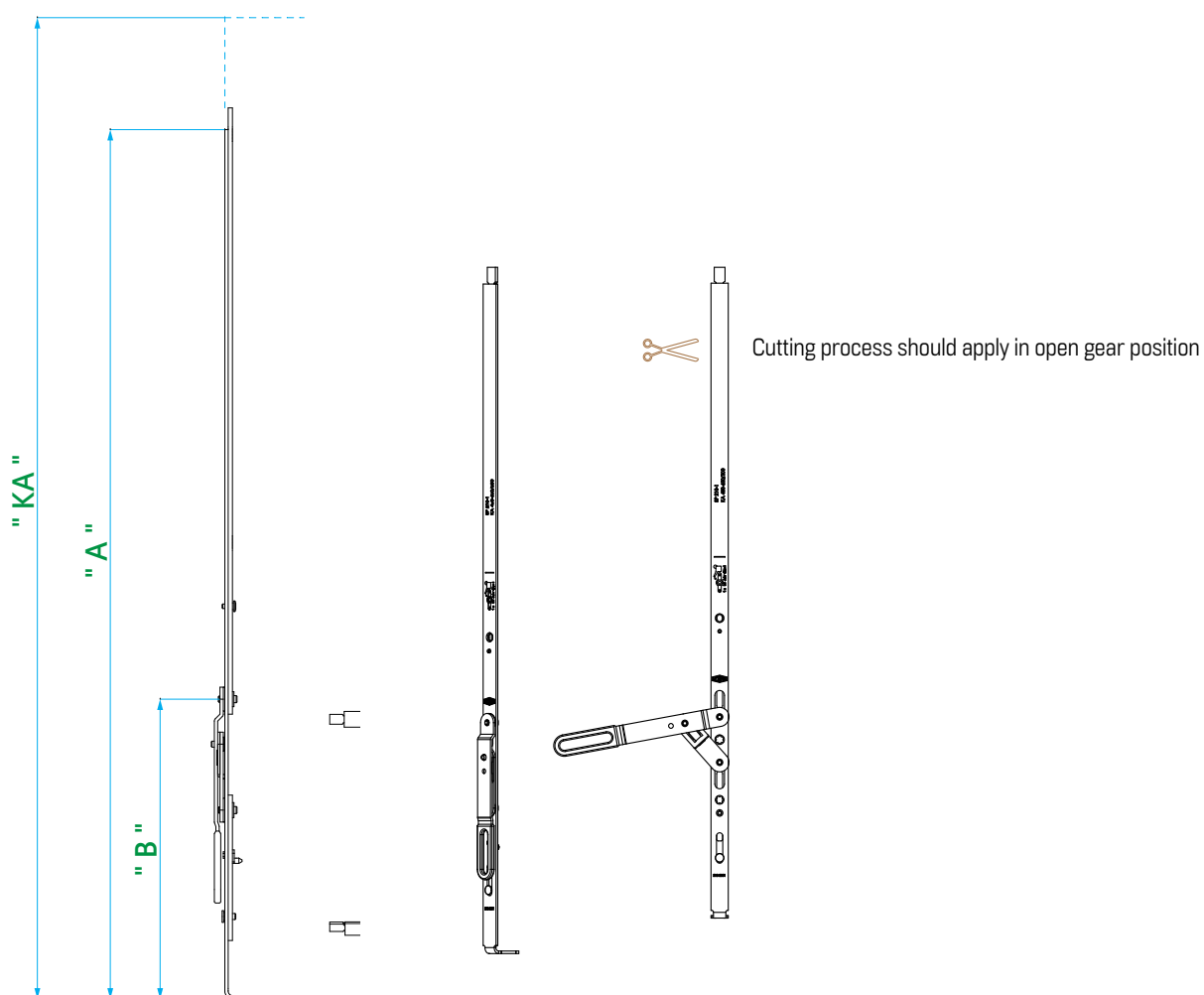
Cutting process should apply in open gear position



Double Sash Gear


Constant

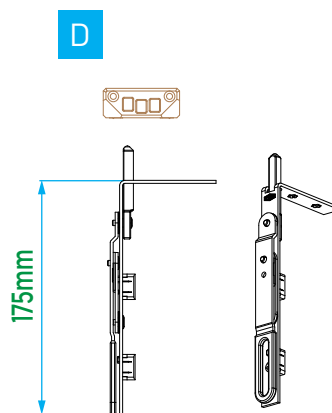
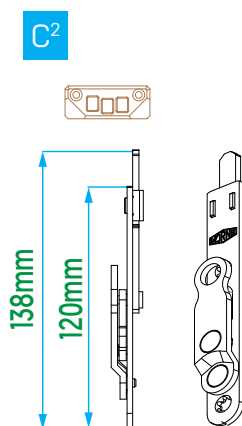
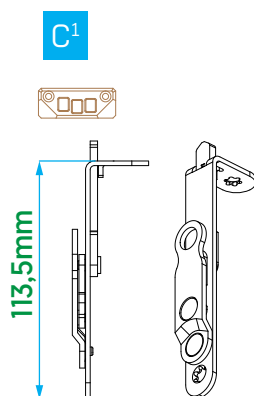
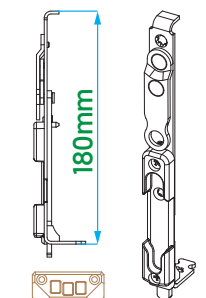
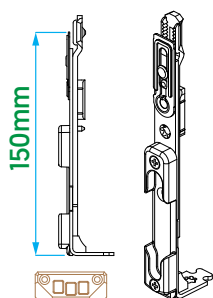
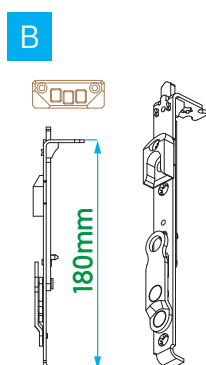
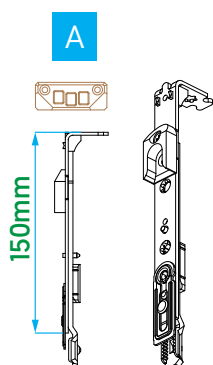
	Article Code	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)				
	V.0302.0102	Double Sash Gear / Constant	10	480 - 620	580	200	-	-	-	3
	V.0302.0202	Double Sash Gear / Constant	10	620 - 850	700	345	1	1	-	4
	V.0302.0302	Double Sash Gear / Constant	10	850 - 1100	950	200	1	1	-	6
	V.0302.0402	Double Sash Gear / Constant	10	1100 - 1350	1200	200	1	1	1	7
	V.0302.0502	Double Sash Gear / Constant	10	1350 - 1600	1450	485	2	1	1	4
	V.0302.0602	Double Sash Gear / Constant	10	1600 - 1850	1700	485	2	1	1	4
	V.0302.0702	Double Sash Gear / Constant	10	1850 - 2100	1950	500	2	1	1	5
	V.0302.0802	Double Sash Gear / Constant	10	2100 - 2350	2200	500	2	1	1	6




Shootbolt

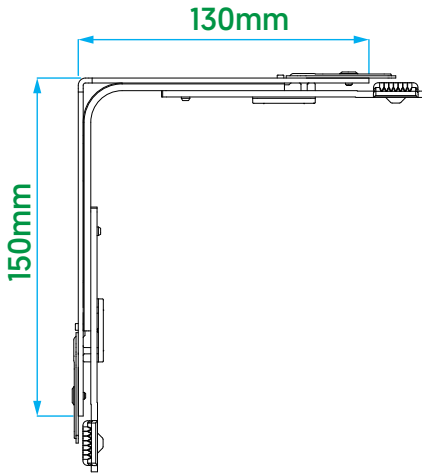


	Article Code	Description	Qty in Box	
A	V.1901.0102	Double Sash Gear Bottom Shootbolt	50	4
	V.1902.0102	Double Sash Gear Top Shootbolt	50	4
B	V.2001.0102	Bottom Shootbolt	100	3
	V.2002.0102	Top Shootbolt	100	3
C ¹	V.2005.0102	Short Shootbolt	50	3
C ²	V.2006.0102	Door Shootbolt 18 mm	100	4
D	V.2007.0102	Door Shootbolt	50	4






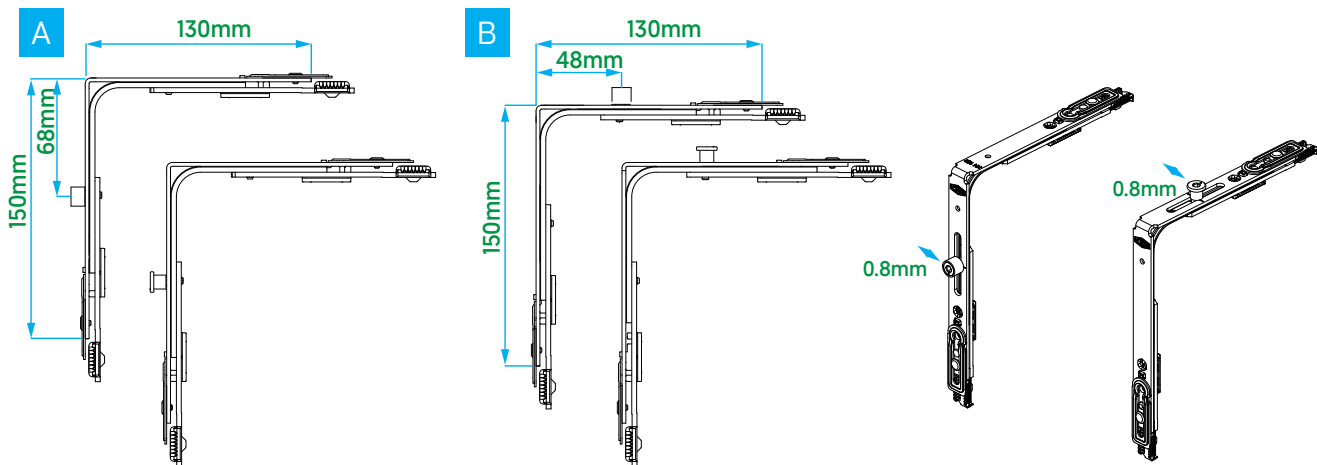
Corner Slider Without Cam

Article Code	Description	Qty in Box	
V.0611.0102	Corner Slider / 150 x 130 (mm)	100	2



Corner Slider Roller & Security Cam (Single Cam)

Article Code	Description	Qty in Box			
A	V.0601.0102	Corner Slider / 150 RC1 x 130 (mm)	1	-	4
	V.0601.0202	Corner Slider / 150 SC1 x 130 (mm)	-	1	4
B	V.0609.0102	Corner Slider / 150 x 130 RC1 (mm)	1	-	4
	V.0608.0102	Corner Slider / 150 x 130 SC1 (mm)	-	1	4

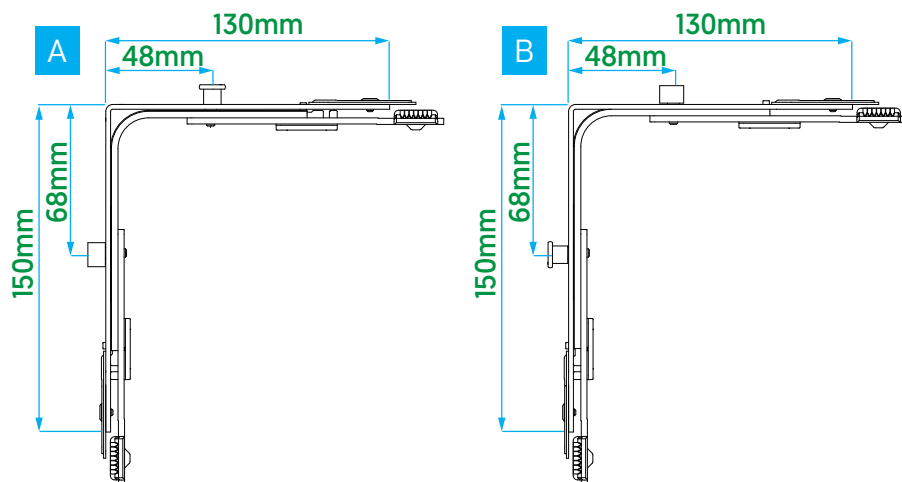


Corner Slider

Roller & Security Cam (Double Cam)



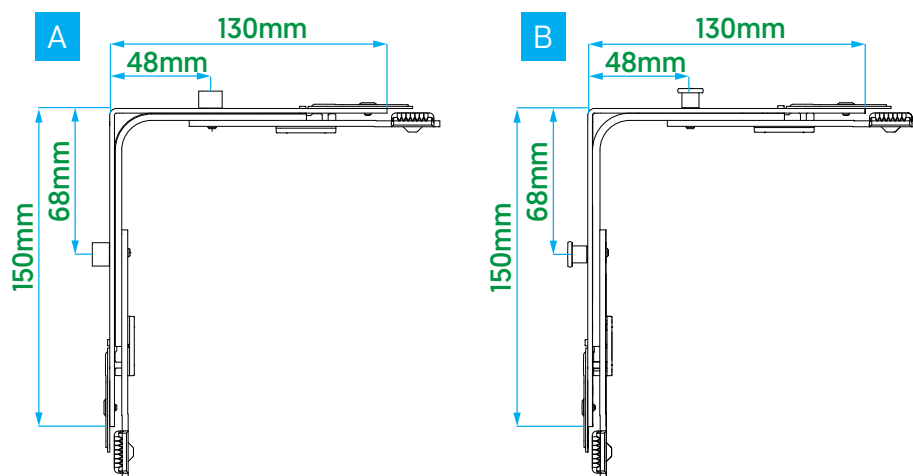
	Article Code	Description	Qty in Box				
A	V.0605.0102	Corner Slider / Roller & Security Cam / 150 RC1 x 130 SC1 (mm)	100	1	1	1	4
B	V.0606.0102	Corner Slider / Security & Roller Cam / 150 SC1 x 130 RC1 (mm)	100	1	1	-	4






Corner Slider

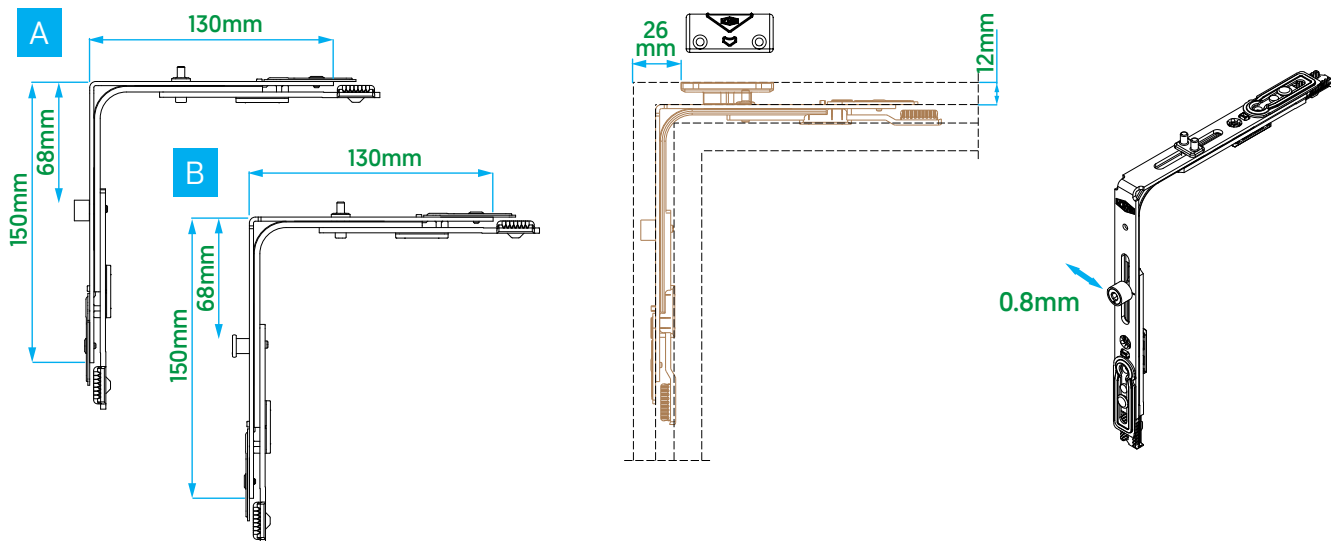
Roller & Security Cam (Double Cam)

	Article Code	Description	Qty in Box				
A	V.0612.0102	Corner Slider / Roller & Roller Cam / 150 RC1 x 130 RC1 (mm)	100	2	-	-	4
B	V.0607.0102	Corner Slider / Security & Security Cam / 150 SC1 x 130 SC1 (mm)	100	-	2	1	4






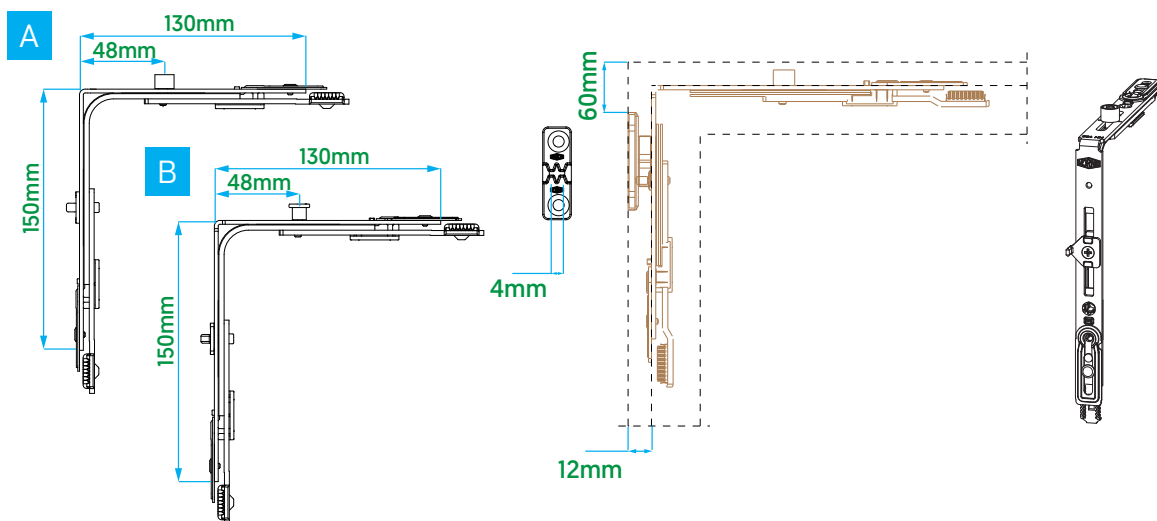
Corner Slider Mini Ventilation

	Article Code	Description	Qty in Box			
A	V.0604.0102	Corner Slider / Ventilation / 150 RC1 x 130 MV (mm)	100	1	-	4
B	V.0604.0202	Corner Slider / Ventilation / 150 RC1 x 130 MV (mm)	100	-	1	4



Corner Slider Adjustable Ventilation

	Article Code	Description	Qty in Box			
A	V.0604.0502	Corner Slider / Adjustable Ventilation / 150 AV x 130 RC1 (mm)	100	1	-	4
B	V.0604.0602	Corner Slider / Adjustable Ventilation / 150 AV x 130 SC1 (mm)	100	-	1	4

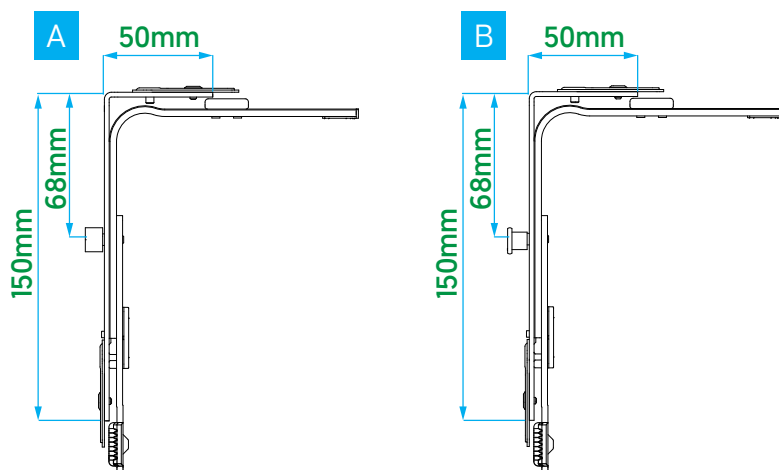


Corner Slider

Short Corner



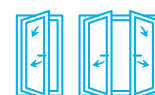
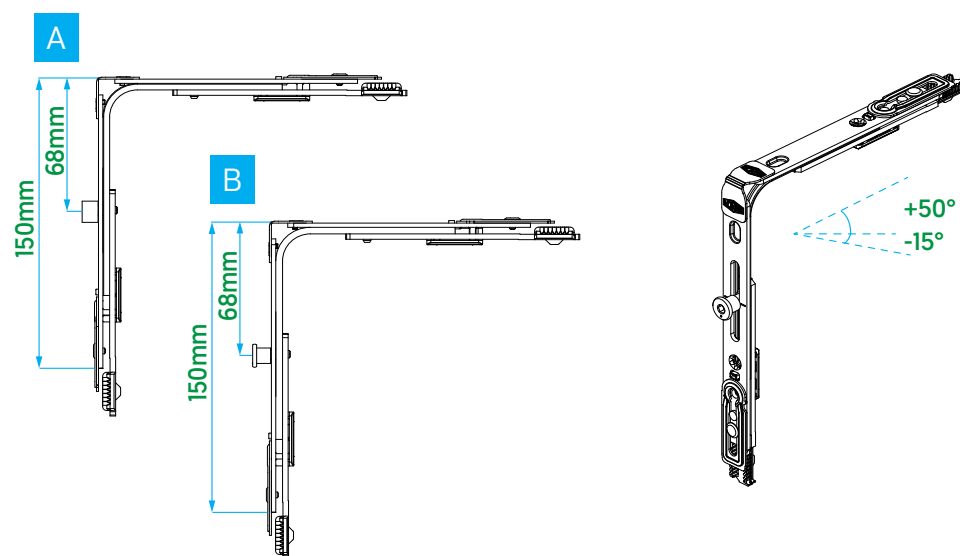
	Article Code	Description	Qty in Box			
A	V.0602.0102	Corner Slider / Short Corner / 150 RC1 x 50 (mm)	100	1	-	3
B	V.0603.0102	Corner Slider / Short Corner / 150 SC1 x 50 (mm)	100	-	1	3






Corner Slider

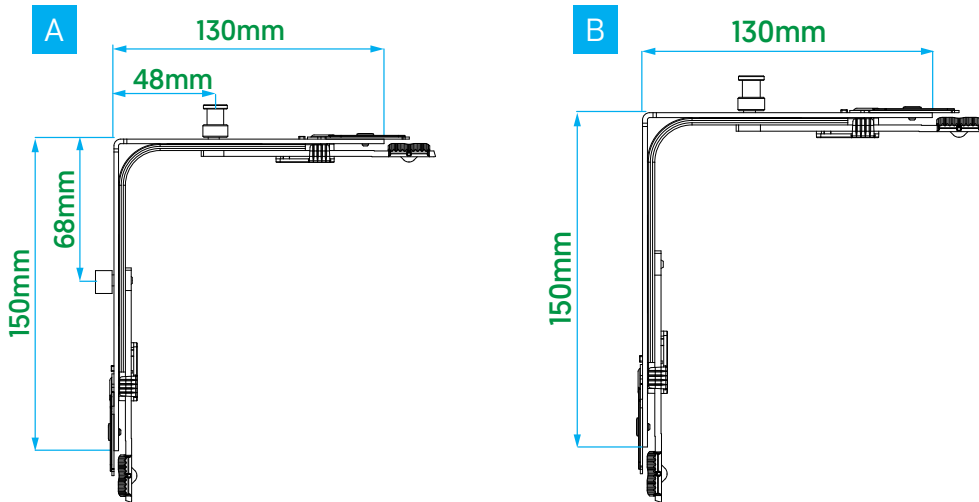
Pitched

	Article Code	Description	Qty in Box			
A	V.0613.0102	Corner Slider / Pitched / 150 RC1 x 130 (mm)	100	1	-	4
B	V.0613.0202	Corner Slider / Pitched / 150 SC1 x 130 (mm)	100	-	1	4






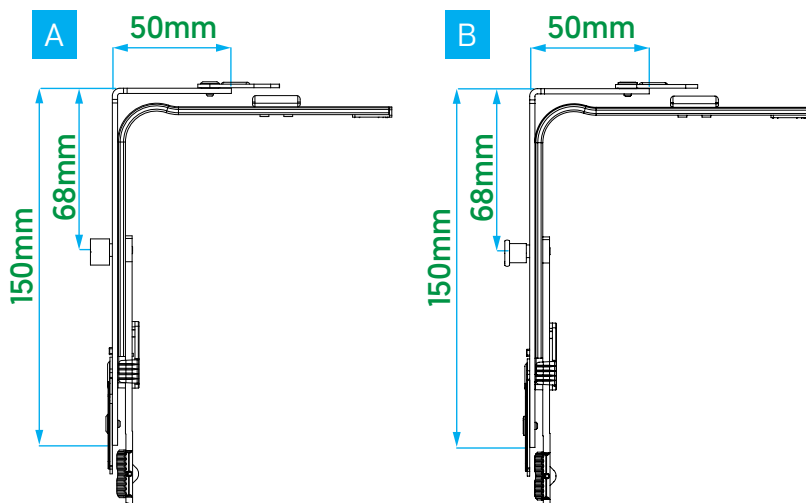
Corner Slider Without Trashold

	Article Code	Description	Qty in Box			
A	V.0620.0102	Corner Slider / Without Trashold / 150 RC1 x 130 SC1 (mm)	100	1	1	3
B	V.0620.0202	Corner Slider / Without Trashold / 150 x 130 SC1 (mm)	100	-	1	3



Corner Slider Screwable Short

	Article Code	Description	Qty in Box			
A	V.0621.0102	Corner Slider / Screwable Short / 150 RC1 x 50 (mm)	100	1	-	3
B	V.0621.0202	Corner Slider / Screwable Short / 150 SC1 x 50 (mm)	100	-	1	3

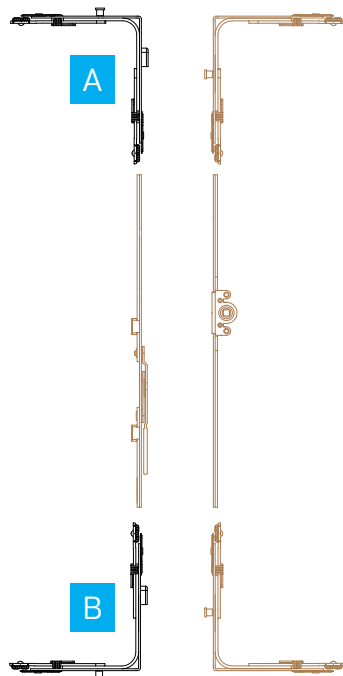
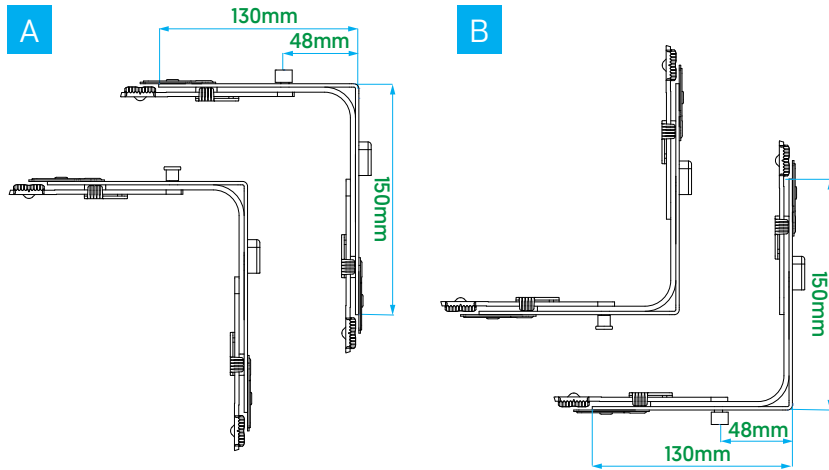


Corner Slider




Roller & Security Cam (Double Sash)



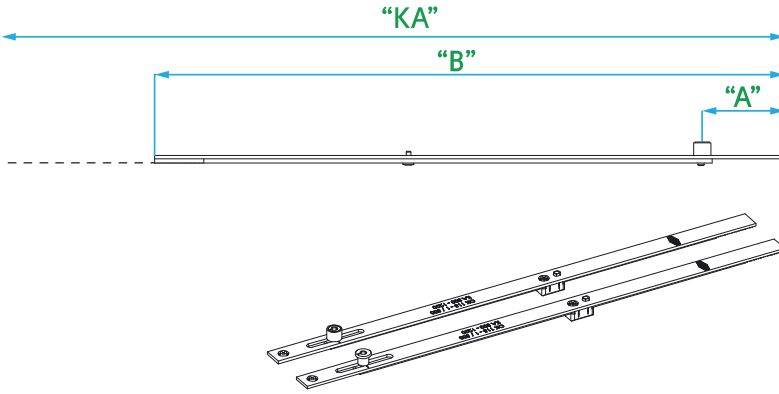
	Article Code	Description	Qty in Box				
A	V.0622.0102	Top Corner Slider / Security / 150 x 130 SC1 (mm)	100	-	1	-	4
	V.0622.0202	Top Corner Slider / 150 x 130 RC1 (mm)	100	1	-	-	4
B	V.0623.0102	Bottom Corner Slider / Security / 150 x 130 SC1 (mm)	100	-	1	1	4
	V.0623.0202	Bottom Corner Slider / 150 x 130 RC1 (mm)	100	1	-	-	4



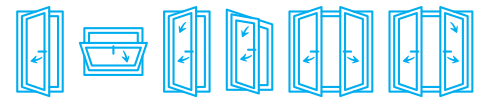
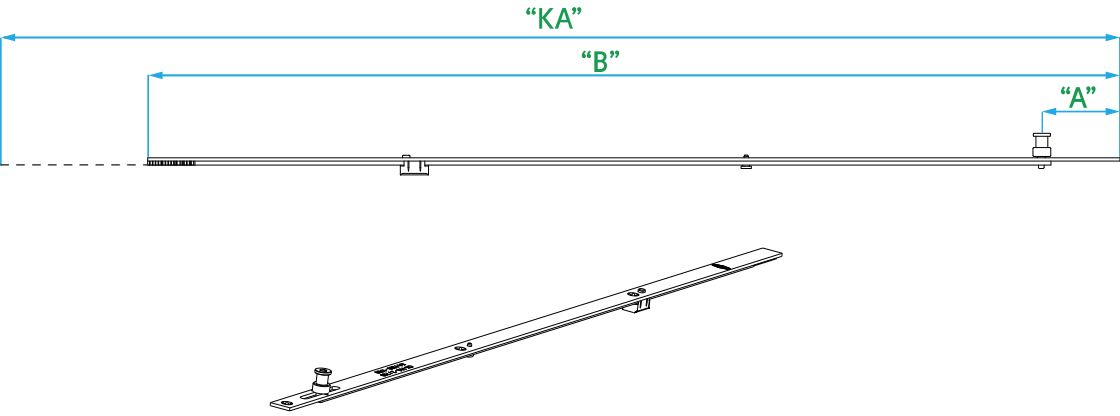
Supplementary Locking

	Article Code	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)			
A	V.1001.0102	Supplementary Locking	10	800 - 1200	53	405	1	-	2
	V.1002.0102	Supplementary Locking	10	800 - 1200	53	405	-	1	2
	V.1001.0202	Supplementary Locking	10	1200 - 1700	53	655	1	-	3
	V.1002.0202	Supplementary Locking	10	1200 - 1700	53	655	-	1	3
B	V.1003.0102	Supplementary Locking (Without Threshold)	10	800 - 1200	53	405	-	1	2
	V.1003.0202	Supplementary Locking (Without Threshold)	10	1200 - 1700	53	655	-	1	3

A






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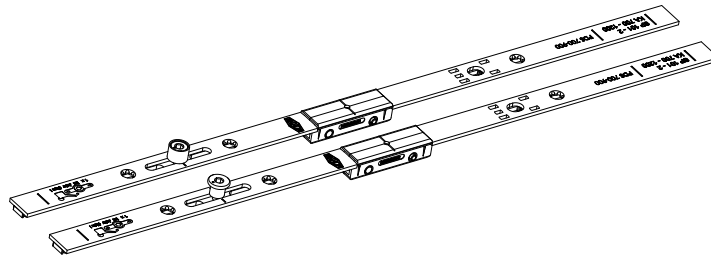
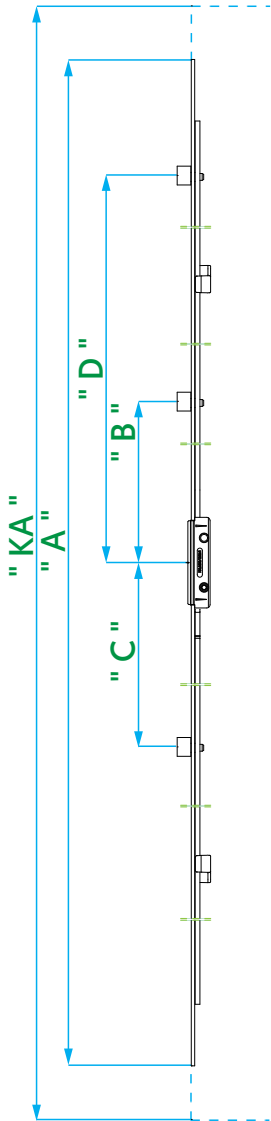


Tilt & Turn / Slide System




Connection Gear

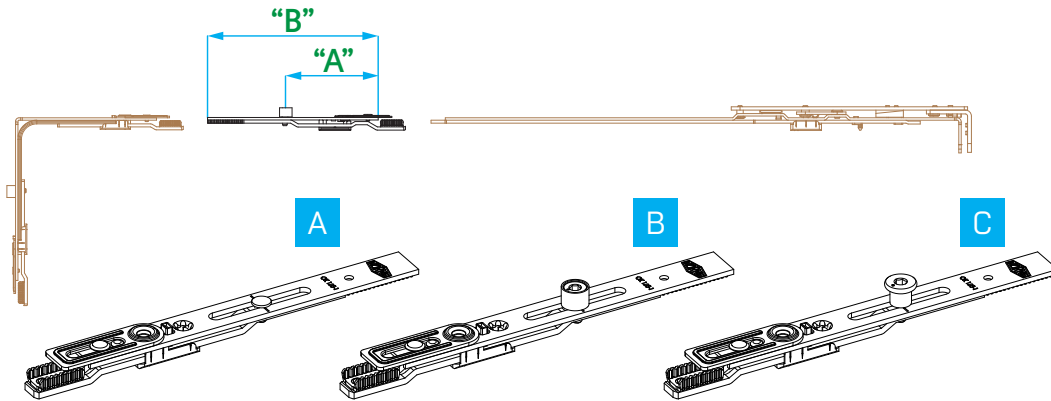


Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)		
V.0207.0102	-	PTS Connection Gear	10	450-700	400	-	-	-	-	-
V.0207.0202	V.0208.0202	PTS Connection Gear	10	700-1200	900	111	-	-	1	3
V.0207.0302	V.0208.0302	PTS Connection Gear	10	900-1400	1100	111	-	-	1	4
V.0207.0402	V.0208.0402	PTS Connection Gear	10	1200-1700	1400	250	250	-	2	6
V.0207.0502	V.0208.0502	PTS Connection Gear	10	1700-2200	1900	350	350	-	2	6
V.0207.0602	-	PTS Connection Gear	10	600-800	500	-	-	-	-	2
V.0207.0702	V.0208.0702	PTS Connection Gear	10	950-1450	1150	111	-	-	1	4
V.0207.0802	V.0208.0802	PTS Connection Gear	10	1900-2400	2150	238	447	700	3	10






Extension Part

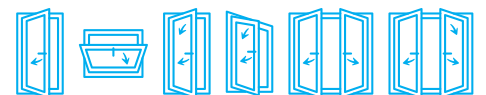
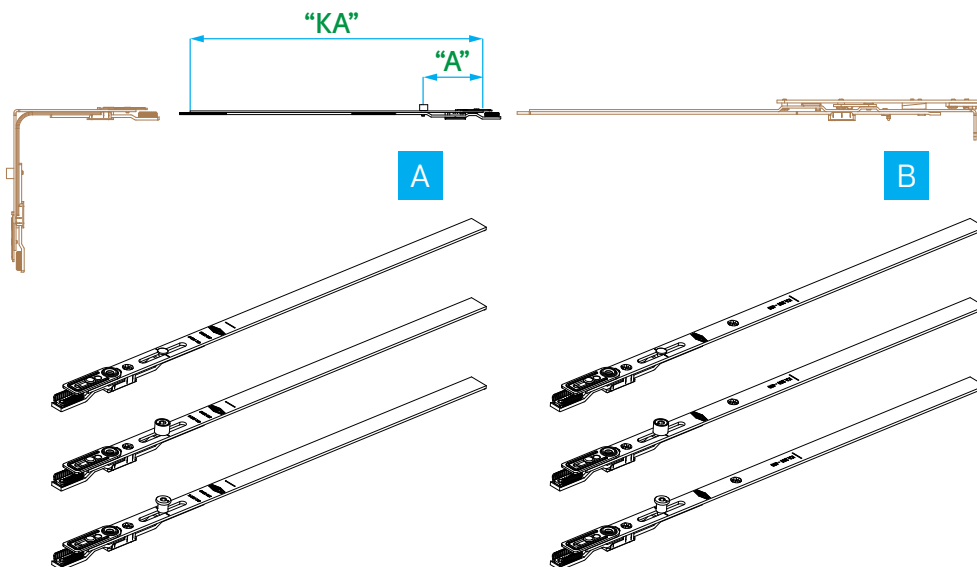
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A	V.1101.0102	Extension Part	100	82	150	-	-	2
B	V.1102.0102	Extension Part	100	82	150	1	-	2
C	V.1103.0102	Extension Part	100	82	150	-	1	2



Extension Part

Cuttable



	Article Code	Description	Qty in Box	'KA' (mm)	'A' (mm)			
A	V.1101.0202	Extension Part / Cuttable	10	150 - 400	82	-	-	2
	V.1102.0202	Extension Part / Cuttable	10	150 - 400	82	1	-	2
	V.1103.0202	Extension Part / Cuttable	10	150 - 400	82	-	1	2
B	V.1101.0302	Extension Part / Cuttable	10	200 - 400	82	-	-	3
	V.1102.0302	Extension Part / Cuttable	10	200 - 400	82	1	-	3
	V.1103.0302	Extension Part / Cuttable	10	200 - 400	82	-	1	3

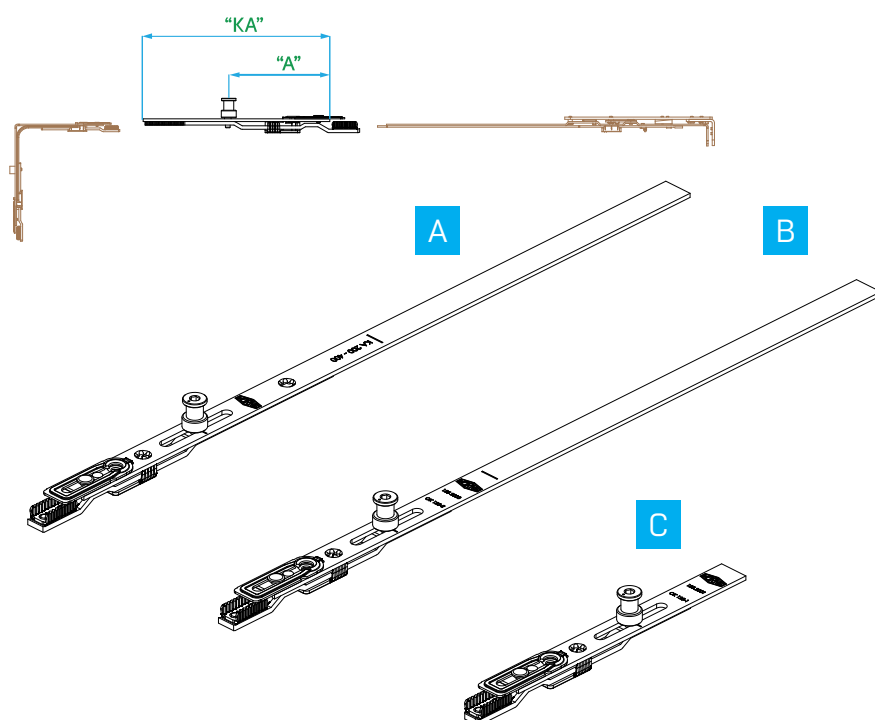


Extension Part

Without Threshold





	Article Code	Description	Qty in Box	'KA' (mm)	'A' (mm)		
A	V.1106.0102	Extension Part / Without Threshold	10	150	82	-	2
B	V.1106.0202	Extension Part / Without Threshold / Cuttable	10	150 - 400	82	-	2
C	V.1106.0302	Extension Part / Without Threshold / Cuttable	10	200 - 400	82	1	2

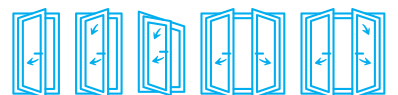
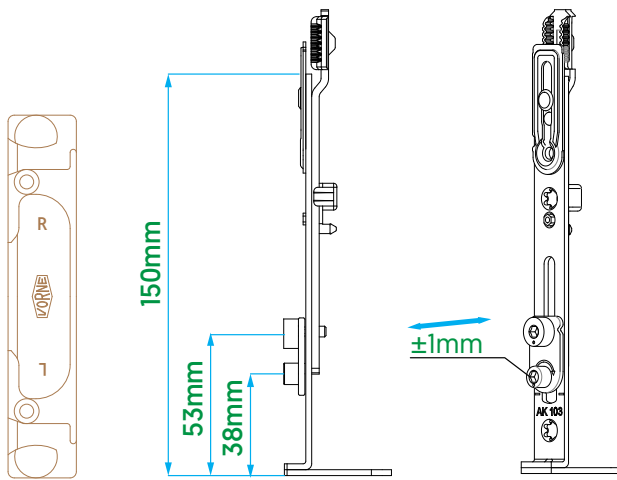


Tilt Locking Mechanism

Vertical Application

Article Code	Description	Qty in Box		
V.0701.0102	Tilt Locking Mechanism / Vertical Application	100	1	4
V.0704.0102*	Tilt Locking Mechanism / Vertical Application	100	1	4

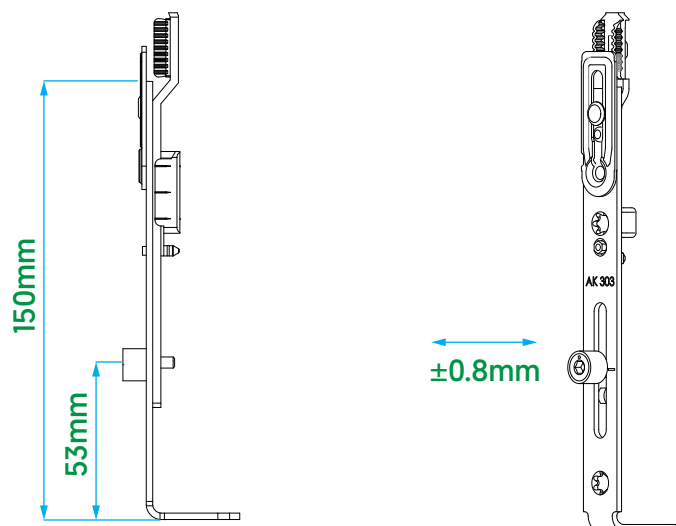
*Recommended for higher than 1200mm.



Turn Only Bottom & Top Connection

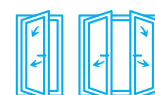
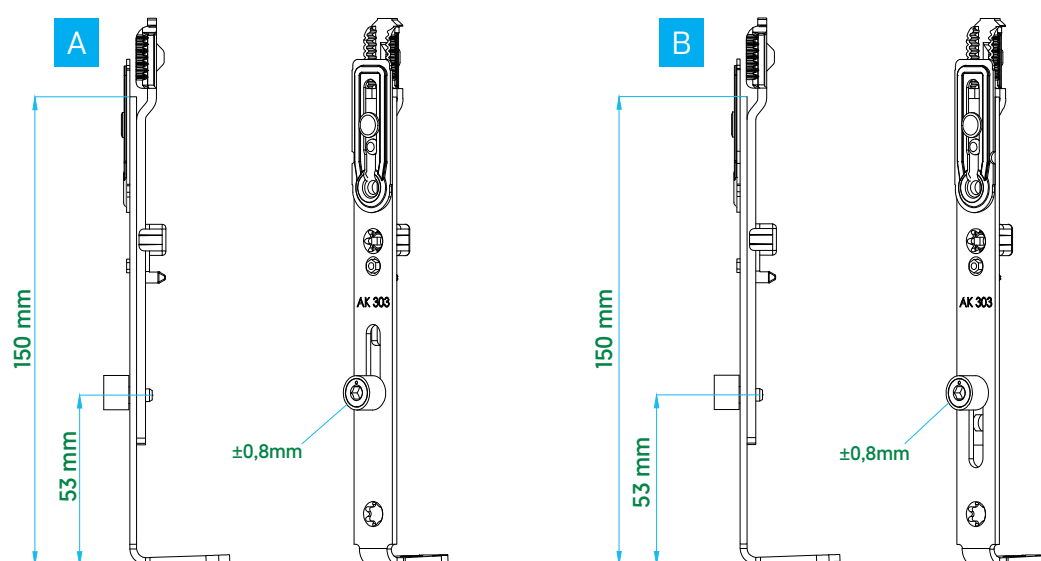


	Article Code	Description	Qty in Box		
	V.0702.0102	180° TO Bottom & Top Connection	100	1	4







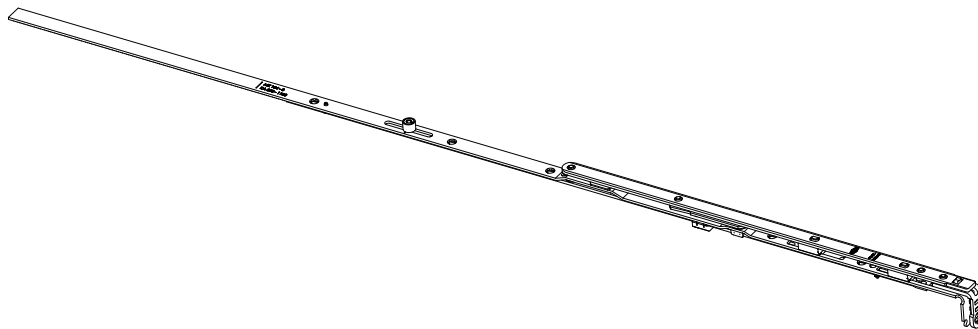
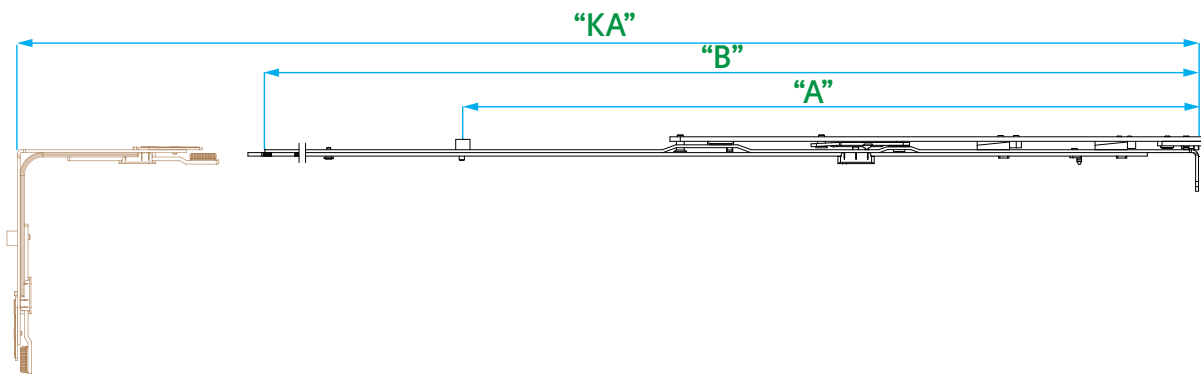
Turn Only Bottom & Top Connection

	Article Code	Description	Qty in Box		
A	V.0705.0102	90° Turn Only Bottom Locking	100	1	4
B	V.0706.0102	90° Turn Only Top Locking	100	1	4



Tilt & Turn Stay

	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' [mm]	'A' [mm]	'B' [mm]		
	V.0401.0102	-	T&T Stay	10	350 - 600	-	470	-	2
	V.0401.0202	-	T&T Stay	10	400 - 650	-	520	-	3
	V.0401.0302	-	T&T Stay	10	600 - 850	-	720	-	5
	V.0401.0402	V.0403.0402	T&T Stay	10	600 - 850	370	720	1	5
	V.0401.0502	V.0403.0502	T&T Stay	10	850 - 1100	568	970	1	7
	V.0401.0602	V.0403.0602	T&T Stay	10	1100 - 1350	676	1220	1	7
	V.0401.0702	V.0403.0702	T&T Stay	10	1350 - 1600	818	1470	1	7

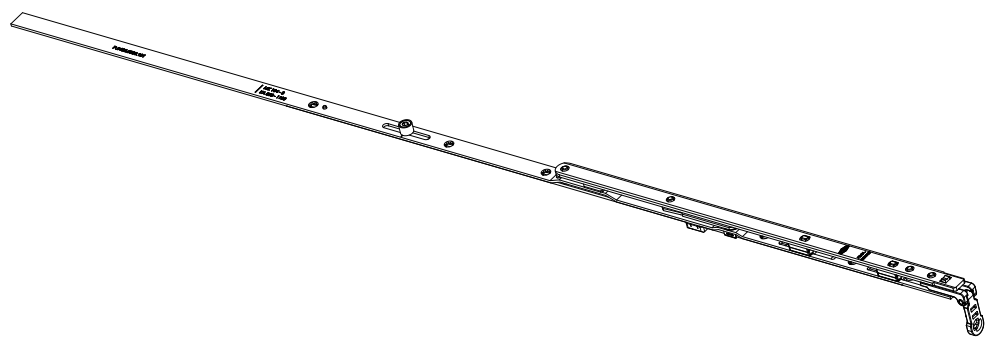
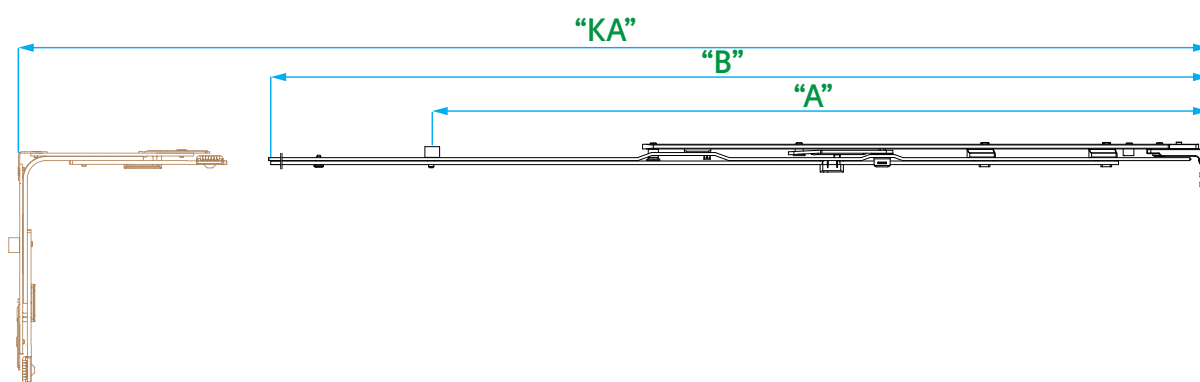


Tilt & Turn Stay Set

Tilt First Tilt & Turn







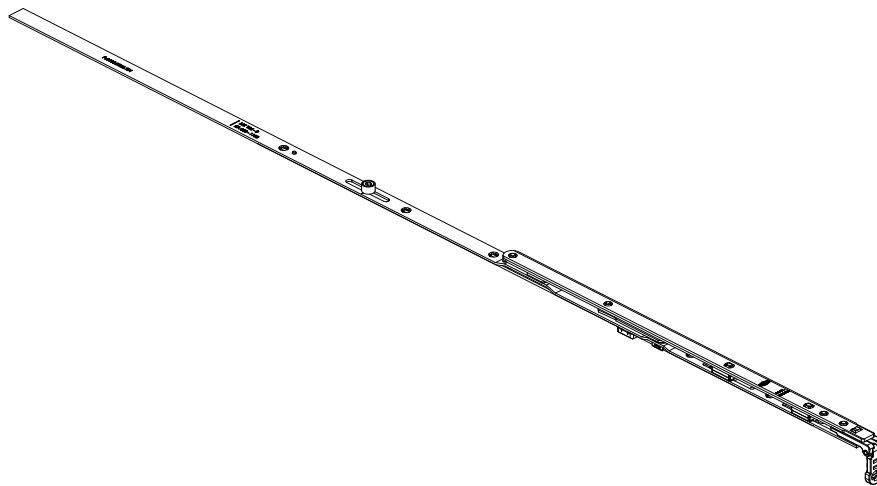
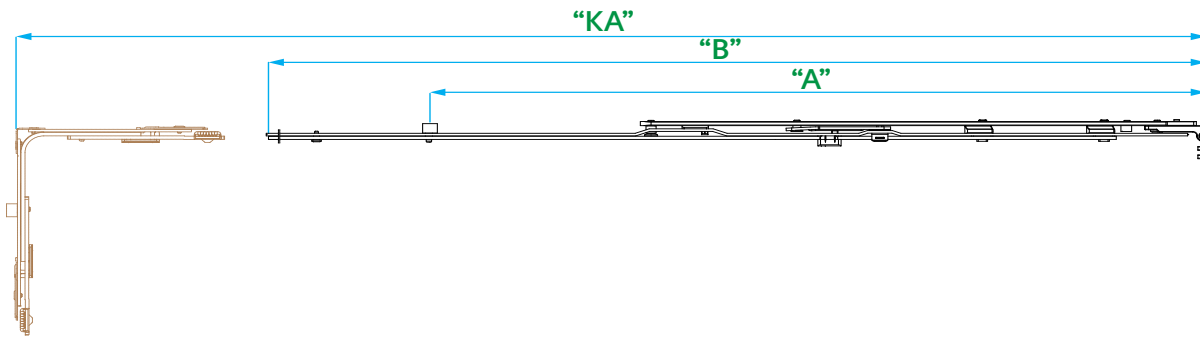
	Article Code RC	Article Code SC	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)		
	V.0404.0102	-	T&T Stay / Tilt First	10	350 - 600	-	470	-	2
	V.0404.0202	-	T&T Stay / Tilt First	10	400 - 650	-	520	-	3
	V.0404.0302	-	T&T Stay / Tilt First	10	600 - 850	-	720	-	5
	V.0404.0402	V.0407.0402	T&T Stay / Tilt First	10	600 - 850	370	720	1	5
	V.0404.0502	V.0407.0502	T&T Stay / Tilt First	10	850 - 1100	568	970	1	7
	V.0404.0602	V.0407.0602	T&T Stay / Tilt First	10	1100 - 1350	676	1220	1	7
	V.0404.0702	V.0407.0702	T&T Stay / Tilt First	10	1350 - 1600	818	1470	1	7



Tilt & Turn Stay Set


Pitched Application

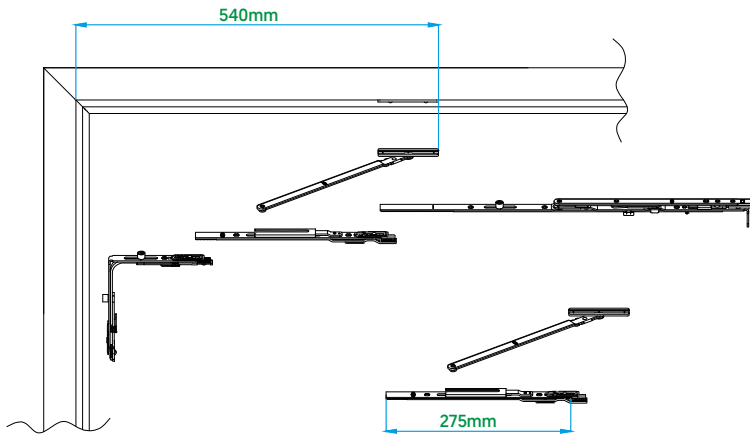
	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)		
	V.0405.0102	-	T&T Stay / Pitched	10	350 - 600	-	470	-	2
	V.0405.0202	-	T&T Stay / Pitched	10	400 - 650	-	520	-	3
	V.0405.0302	-	T&T Stay / Pitched	10	600 - 850	-	720	-	5
	V.0405.0402	V.0406.0402	T&T Stay / Pitched	10	600 - 850	370	720	1	5
	V.0405.0502	V.0406.0502	T&T Stay / Pitched	10	850 - 1100	568	970	1	7
	V.0405.0602	V.0406.0602	T&T Stay / Pitched	10	1100 - 1350	676	1220	1	7
	V.0405.0702	V.0406.0702	T&T Stay / Pitched	10	1350 - 1600	818	1470	1	7



Secondary Stay




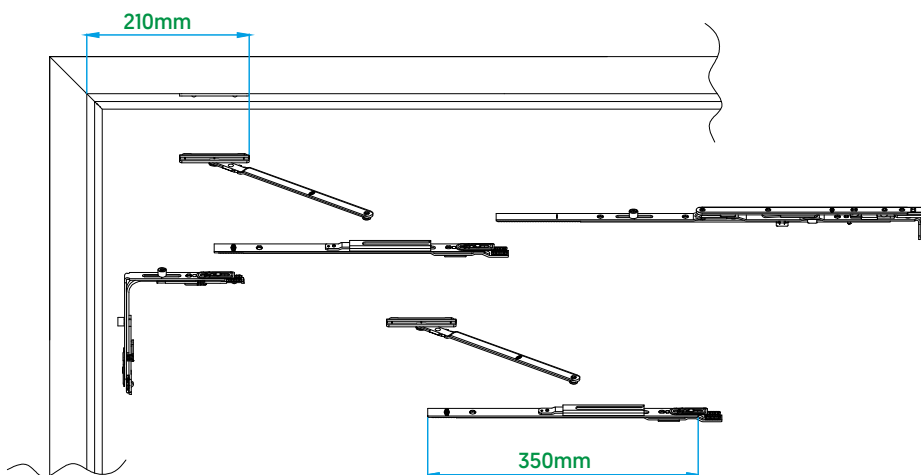
Article Code	Description	Qty in Box	
V.0402.0102	Secondary Stay	10	5



Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.

Tilt First Secondary Stay


Article Code	Description	Qty in Box	
V.0402.0202	Tilt First Secondary Stay	10	5

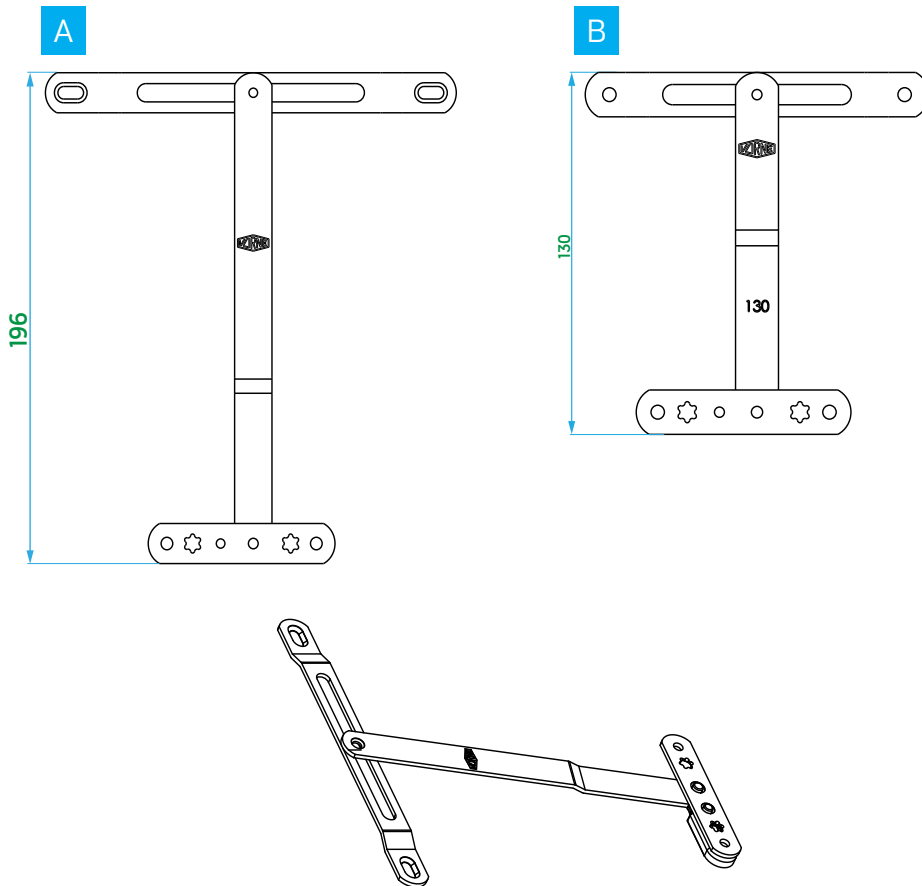


Note: Secondary stay recommended to be used in applications 1200mm width and longer sash.
If Secondary stay is used, have to use 1 small size stay.



Tilt Stay

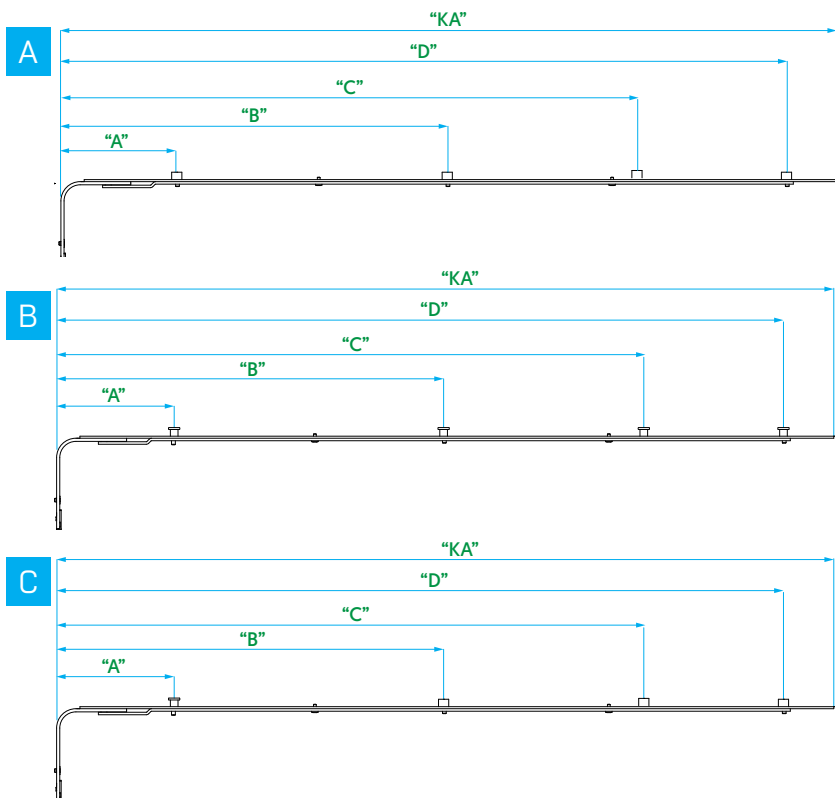
	Article Code	Description	Qty in Box	
A	V.0501.0102	Tilt Stay (TO Gear Compatible)	10	4
	V.0501.0202	Tilt Stay (T&T Gear Compatible)	10	4
B	V.0501.0302	Tilt Stay (130 mm)	10	4



Center Locking








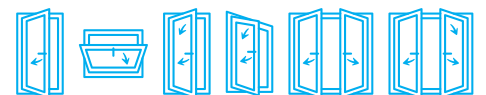
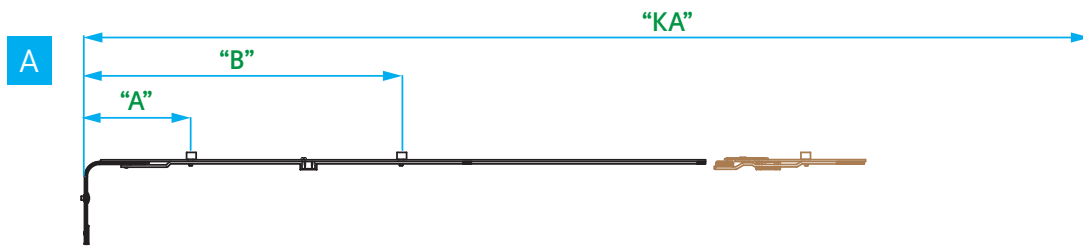
Type	Article Code RC	Article Code SC	Article Code RC-SC	Article Code Longer Cam	Article Code Without Trashold	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)	'C' (mm)	'D' (mm)			
A - Roller Cam	V.0801.0102	-	-	-	-	10	0 - 800	128	-	-	-	1	-	2
	V.0801.0202	-	-	-	-	10	0 - 800	280	-	-	-	1	-	3
	V.0801.0302	-	-	-	-	10	800 - 1200	128	482	-	-	2	-	3
	V.0801.0402	-	-	-	-	10	1200 - 1700	128	732	-	-	2	-	4
	V.0801.0502	-	-	-	-	10	1700 - 2200	128	632	1282	-	3	-	5
	V.0801.0902	-	-	-	-	10	850 - 1400	128	632	-	-	2	-	5
	V.0801.0602	-	-	-	-	10	800 - 1200	-	482	-	-	1	-	3
	V.0801.0702	-	-	-	-	10	1200 - 1700	-	732	-	-	1	-	4
	V.0801.0802	-	-	-	-	10	1700 - 2200	-	632	1282	-	2	-	5
	V.0801.1002	-	-	-	-	10	1900 - 2400	128	632	1157	1682	4	-	7
V.0801.1102	-	-	-	-	10	1900 - 2400	-	632	1157	1682	3	-	7	
B - Security Cam	-	-	-	-	-	10	800 - 1200	128	482	-	-	-	2	3
	-	V.0902.0402	-	-	-	10	1200 - 1700	128	732	-	-	-	2	4
	-	V.0902.0502	-	-	-	10	1700 - 2200	128	632	1282	-	-	3	5
	-	V.0902.0902	-	-	-	10	850 - 1400	128	632	-	-	-	2	5
	-	V.0902.1002	-	-	-	10	1900 - 2400	128	632	1157	1682	-	4	7
	-	V.0902.1102	-	-	-	10	1900 - 2400	-	632	1157	1682	-	3	7
	-	-	-	V.0903.0102	-	10	0 - 800	128	-	-	-	-	1	2
C - Roller & Security	-	-	-	-	V.0904.0102	10	0 - 800	128	-	-	-	-	1	2
	-	-	V.0901.0102	-	-	10	0 - 800	128	-	-	-	-	1	2
	-	-	V.0901.0202	-	-	10	0 - 800	280	-	-	-	-	1	2
	-	-	V.0901.0302	-	-	10	800 - 1200	128	482	-	-	1	1	3
	-	-	V.0901.0402	-	-	10	1200 - 1700	128	732	-	-	1	1	4
	-	-	V.0901.0502	-	-	10	1700 - 2200	128	632	1282	-	2	1	5
	-	-	V.0901.0902	-	-	10	850 - 1400	128	632	-	-	1	1	5
-	-	V.0901.1002	-	-	10	1900 - 2400	128	632	1157	1682	3	1	7	



Center Locking

Extendable

	Article Code RC 	Article Code RC-SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)			
A - Roller Cam	V.0801.1202	-	Roller Cam	10	450 - 700	128	-	1	-	2
	V.0801.1302	-	Roller Cam	10	600 - 850	128	370	2	-	3
	V.0801.1402	-	Roller Cam	10	850 - 1100	128	568	2	-	4
	V.0801.1502	-	Roller Cam	10	1100 - 1350	128	676	2	-	4
	V.0801.1602	-	Roller Cam	10	1350 - 1600	128	818	2	-	4
B - Roller & Security Cam	-	V.0901.1202	Roller & Security Cam	10	450 - 700	128	-	-	1	2
	-	V.0901.1302	Roller & Security Cam	10	600 - 850	128	370	1	1	3
	-	V.0901.1402	Roller & Security Cam	10	850 - 1100	128	568	1	1	4
	-	V.0901.1502	Roller & Security Cam	10	1100 - 1350	128	676	1	1	4
	-	V.0901.1602	Roller & Security Cam	10	1350 - 1600	128	818	1	1	4



Sash Top Hinge



	Article Code	Description	Qty in Box	Sash Overlap(mm)	"A" Frame - Sash Axis(mm)	Angle "X"
A - With Brake	V.1201.0102*	Sash Top Hinge	100	20	9 Axis	93°
	V.1201.0202	Sash Top Hinge	100	20	9 Axis	90°
	V.1201.0602	Sash Top Hinge	100	18	9 Axis	93°
	V.1202.0102*	Sash Top Hinge	100	20	13 Axis	93°
	V.1202.0202	Sash Top Hinge	100	22	13 Axis	93°
	V.1202.0602	Sash Top Hinge	100	18	13 Axis	93°
	V.1202.0702	Sash Top Hinge	100	20	14 Axis	93°
	V.1206.0102	Sash Top Hinge	100	20	9 Axis	90°
	V.1207.0102	Sash Top Hinge	100	20	13 Axis	90°
	V.1207.0202	Sash Top Hinge	100	22	13 Axis	90°
B - Without Brake	V.1209.0702	Sash Top Hinge	100	20	14 Axis	93°
	V.1210.0702	Sash Top Hinge	100	20	14 Axis	90°
	V.1208.0102	Sash Top Hinge	100	20	9 Axis	93°
	V.1209.0102	Sash Top Hinge	100	20	13 Axis	93°
	V.1210.0102	Sash Top Hinge	100	20	13 Axis	90°
	V.1211.0102	Sash Top Hinge	100	20	9 Axis	90°

*xx	Color
07	White RAL 9016
08	Brown RAL 8022
16	Black RAL 9005
21	Orange Brown RAL 8003
32	Anthracite Grey RAL 7016

* Colored versions are available.

A With Brake


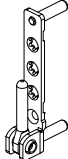
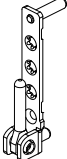
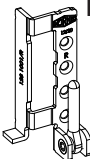
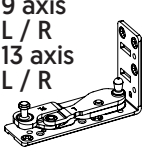
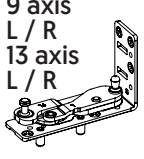

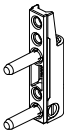
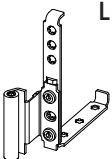
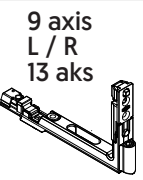
B Without Brake

Braked Hinge Feature:
 Brake feature prevents opening of the sash by itself with the impact its own weight. It's step in after 30° opening angle and ensure the sash stop in desired position and will be disable after 150°.
 Note: As the number of hinges used on the door or window increases, the braking affect increases accordingly.




Hinge Combinations



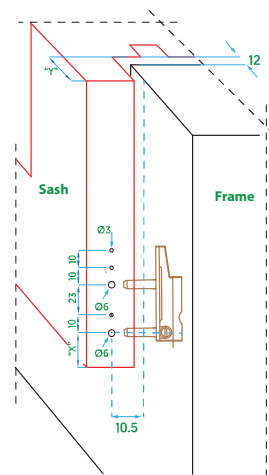
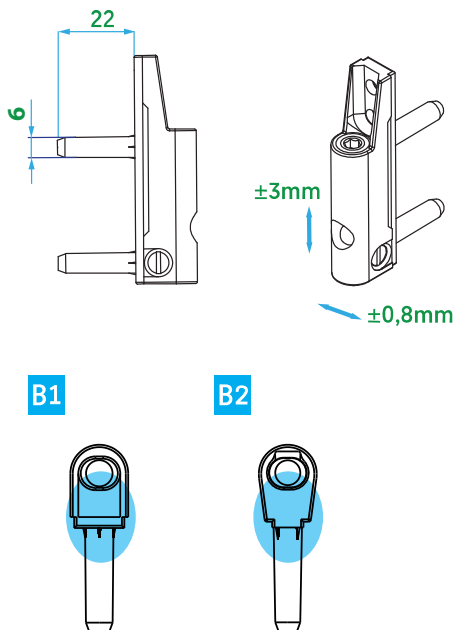
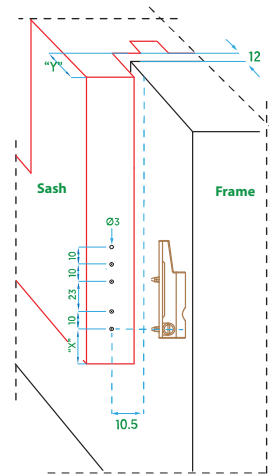
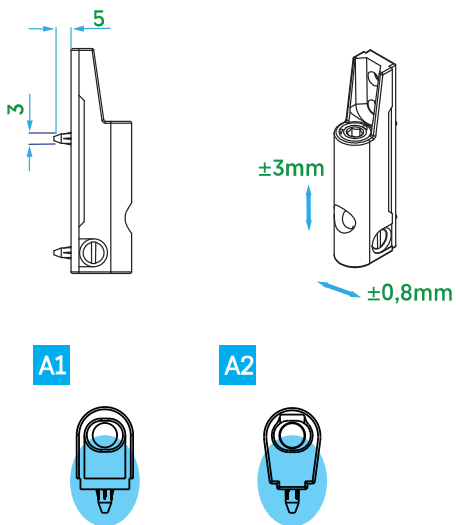
Sash Hinges		Frame Hinges						
					 L/R			
	Max. Weight Capacity 100 Kg	Max. Weight Capacity 100 Kg	Max. Weight Capacity 100 Kg	Max. Weight Capacity 100 Kg				
	Max. Weight Capacity 100 Kg	Max. Weight Capacity 130 Kg	Max. Weight Capacity 130 Kg	Max. Weight Capacity 130 Kg				
 L/R	Max. Weight Capacity 100 Kg	Max. Weight Capacity 130 Kg	Max. Weight Capacity 130 Kg	Max. Weight Capacity 130 Kg				
 9 axis L/R 13 aks					Max. Weight Capacity 80 Kg	Max. Weight Capacity 100 Kg		

Sash Bottom Hinge

	Article Code	Description	Qty in Box	KG	'X'	'Y'	
A1	V.1403.0102*	Sash Bottom Hinge - Ø3	100	100 kg	24-26-28	18-20-22	3
A2	V.1406.0102*	Sash Bottom Hinge - Ø3	100	100 kg	24-26-28	18-20-22	3
B1	V.1404.0102*	Sash Bottom Hinge - Ø3 / Ø6	100	130 kg	24-26-28	18-20-22	3
B2	V.1407.0102*	Sash Bottom Hinge - Ø3 / Ø6	100	130 kg	24-26-28	18-20-22	3

*xx	Color
07	White RAL 9016
08	Brown RAL 8022
16	Black RAL 9005
21	Orange Brown RAL 8003
32	Anthracite Grey RAL 7016

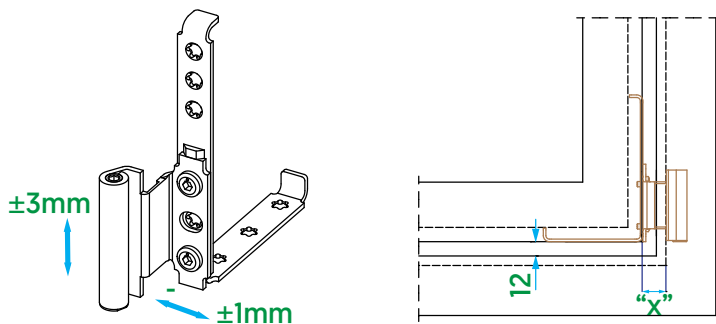
A2 and B2 are narrow form hinges.
* Colored versions are available.



Sash Bottom Hinge

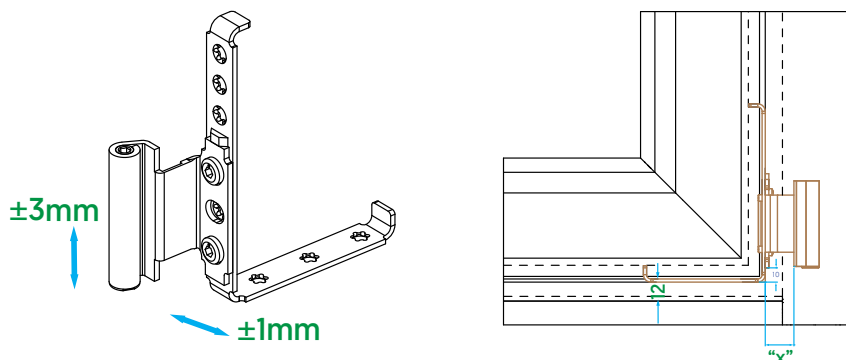


	Article Code	Description	Qty in Box	KG	'X' Sash Overlap[mm]	Axis	
	V.1401.0L02	Sash Bottom Hinge [L] - 9/20	100	130 kg	20	9	7
	V.1401.0R02	Sash Bottom Hinge [R] - 9/20	100	130 kg	20	9	7
	V.1402.0L02	Sash Bottom Hinge [L] - 13/20	100	130 kg	20	13	7
	V.1402.0R02	Sash Bottom Hinge [R] - 13/20	100	130 kg	20	13	7
	V.1406.0L02	Sash Bottom Hinge [L] - 13/18	100	130 kg	18	13	7
	V.1406.0R02	Sash Bottom Hinge [R] - 13/18	100	130 kg	18	13	7
	V.1407.0L02	Sash Bottom Hinge [L] - 9/18	100	130 kg	18	9	7
	V.1407.0R02	Sash Bottom Hinge [R] - 9/18	100	130 kg	18	9	7






Sash Bottom Hinge Without Trashold

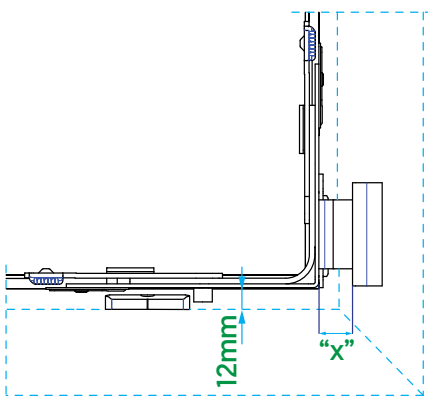
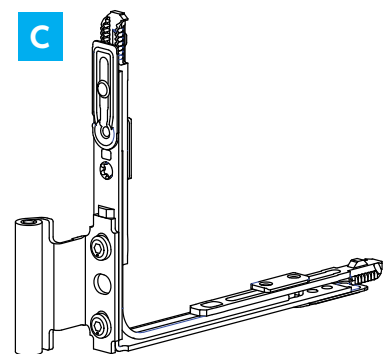
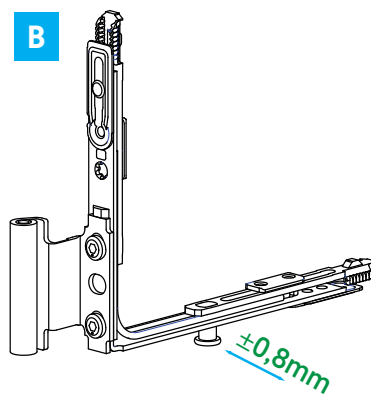
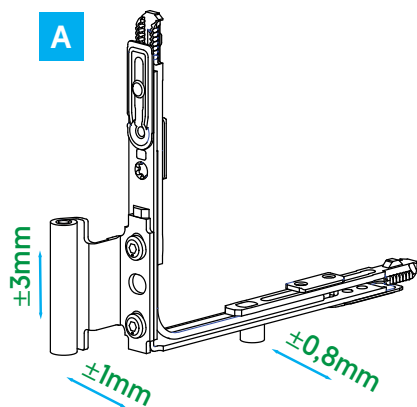
	Article Code	Description	Qty in Box	KG	'X' Sash Overlap[mm]	Axis	
	V.1401.1L02	Without Trashold Sash Bottom Hinge / 9/20L	100	130 kg	20	9	7
	V.1401.1R02	Without Trashold Sash Bottom Hinge / 9/20R	100	130 kg	20	9	7
	V.1402.1L02	Without Trashold Sash Bottom Hinge / 13/20L	100	130 kg	20	13	7
	V.1402.1R02	Without Trashold Sash Bottom Hinge / 13/20R	100	130 kg	20	13	7
	V.1406.1L02	Without Trashold Sash Bottom Hinge / 13/18/L	100	130 kg	18	13	7
	V.1406.1R02	Without Trashold Sash Bottom Hinge / 13/18/R	100	130 kg	18	13	7
	V.1407.1L02	Without Trashold Sash Bottom Hinge / 9/18L	100	130 kg	18	9	7
	V.1407.1R02	Without Trashold Sash Bottom Hinge / 9/18R	100	130 kg	18	9	7



Sash Bottom Hinge

Corner Slide

	Article Code RC 	Article Code SC 	Article Code	Description	Qty in Box	KG	'X' Sash Overlap[mm]	Axis	
A - Roller Cam	V.0614.0L02	-		Corner Slide Sash Bottom Hinge (L) - 9/18	50	130 kg	18	9	4
	V.0614.0R02	-		Corner Slide Sash Bottom Hinge (R) - 9/18	50	130 kg	18	9	4
	V.0614.1L02	-		Corner Slide Sash Bottom Hinge (L) - 9/20	50	130 kg	20	9	4
	V.0614.1R02	-		Corner Slide Sash Bottom Hinge (R) - 9/20	50	130 kg	20	9	4
	V.0614.2L02	-		Corner Slide Sash Bottom Hinge (L) - 13/18	50	130 kg	18	13	4
	V.0614.2R02	-		Corner Slide Sash Bottom Hinge (R) - 13/18	50	130 kg	18	13	4
	V.0614.3L02	-		Corner Slide Sash Bottom Hinge (L) - 13/20	50	130 kg	20	13	4
	V.0614.3R02	-		Corner Slide Sash Bottom Hinge (R) - 13/20	50	130 kg	20	13	4
B - Security Cam	-	V.0616.0L02	-	Corner Slide Sash Bottom Hinge (L) - 9/18	50	130 kg	18	9	4
	-	V.0616.0R02	-	Corner Slide Sash Bottom Hinge (R) - 9/18	50	130 kg	18	9	4
	-	V.0616.1L02	-	Corner Slide Sash Bottom Hinge (L) - 9/20	50	130 kg	20	9	4
	-	V.0616.1R02	-	Corner Slide Sash Bottom Hinge (R) - 9/20	50	130 kg	20	9	4
	-	V.0616.2L02	-	Corner Slide Sash Bottom Hinge (L) - 13/18	50	130 kg	18	13	4
	-	V.0616.2R02	-	Corner Slide Sash Bottom Hinge (R) - 13/18	50	130 kg	18	13	4
	-	V.0616.3L02	-	Corner Slide Sash Bottom Hinge (L) - 13/20	50	130 kg	20	13	4
	-	V.0616.3R02	-	Corner Slide Sash Bottom Hinge (R) - 13/20	50	130 kg	20	13	4
C - Without Cam	-	-	V.0618.0L02	Corner Slide Sash Bottom Hinge (L) - 9/18	50	130 kg	18	9	4
	-	-	V.0618.0R02	Corner Slide Sash Bottom Hinge (R) - 9/18	50	130 kg	18	9	4
	-	-	V.0618.1L02	Corner Slide Sash Bottom Hinge (L) - 9/20	50	130 kg	20	9	4
	-	-	V.0618.1R02	Corner Slide Sash Bottom Hinge (R) - 9/20	50	130 kg	20	9	4
	-	-	V.0618.2L02	Corner Slide Sash Bottom Hinge (L) - 13/18	50	130 kg	18	13	4
	-	-	V.0618.2R02	Corner Slide Sash Bottom Hinge (R) - 13/18	50	130 kg	18	13	4
	-	-	V.0618.3L02	Corner Slide Sash Bottom Hinge (L) - 13/20	50	130 kg	20	13	4
	-	-	V.0618.3R02	Corner Slide Sash Bottom Hinge (R) - 13/20	50	130 kg	20	13	4



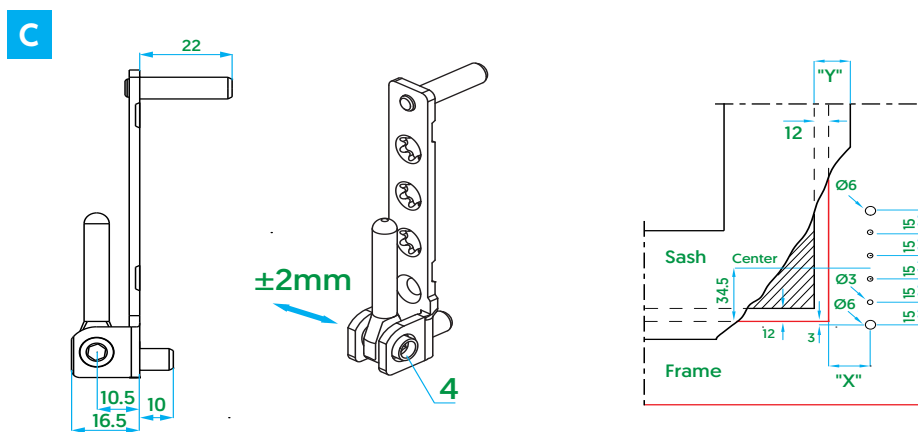
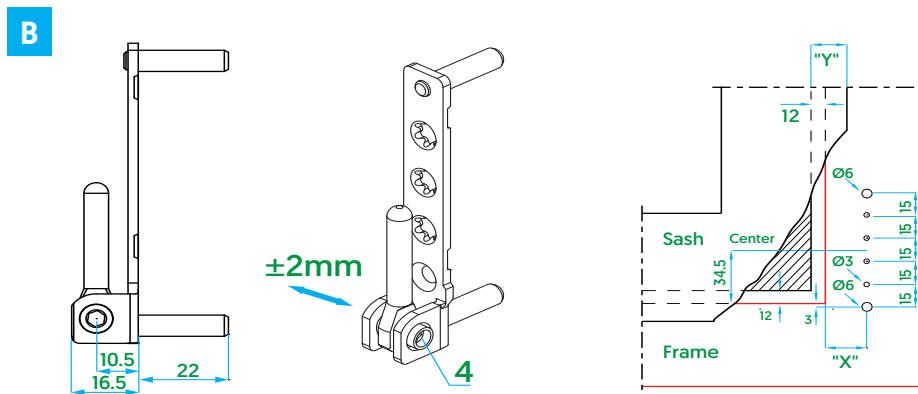
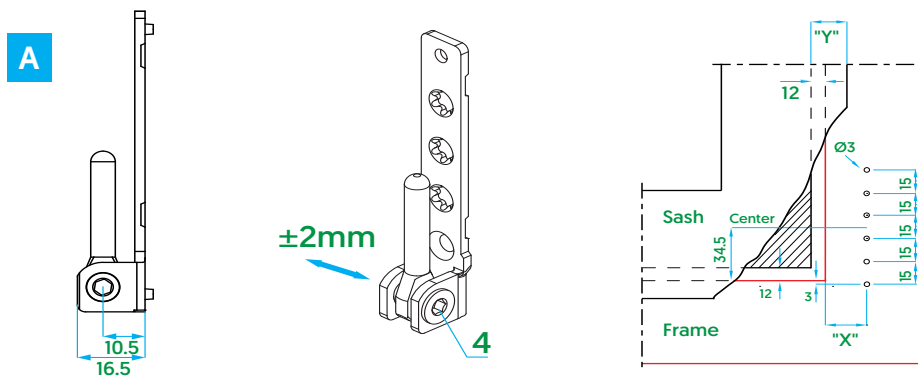
Frame Bottom Hinge



	Article Code	Description	Qty in Box	KG	'Y'	'X'	
A	V.1501.0102*	Frame Bottom Hinge / Ø3	100	100 kg	18-20-22	17.5-19.5-21.5	4
B	V.1502.0102*	Frame Bottom Hinge / Ø3-Ø6	100	130 kg	18-20-22	17.5-19.5-21.5	4
C	V.1503.0102	Frame Bottom Hinge / Ø3-Ø6	100	130 kg	18-20-22	17.5-19.5-21.5	4


*xx	Color
07	White RAL 9016
08	Brown RAL 8022
16	Black RAL 9005
21	Orange Brown RAL 8003
32	Anthracite Grey RAL 7016

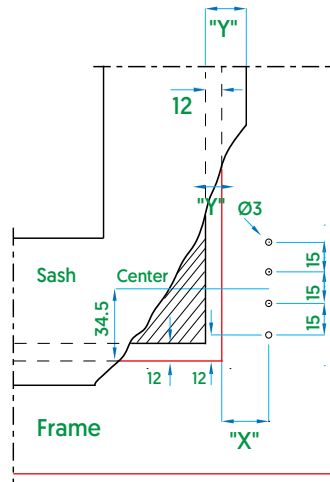
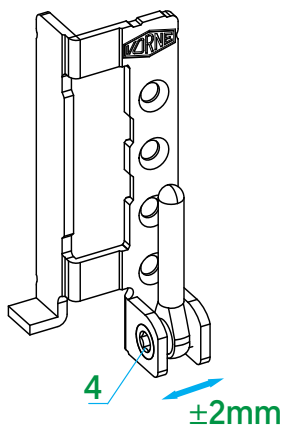
* Colored versions are available.



Frame Bottom Hinge

With Jig

Article Code	Description	Qty in Box	KG	'X'	'Y'	
V.1504.0L02	Frame Bottom Hinge	100	130 kg	20	19.5	4
V.1504.0R02	Frame Bottom Hinge	100	130 kg	20	19.5	4

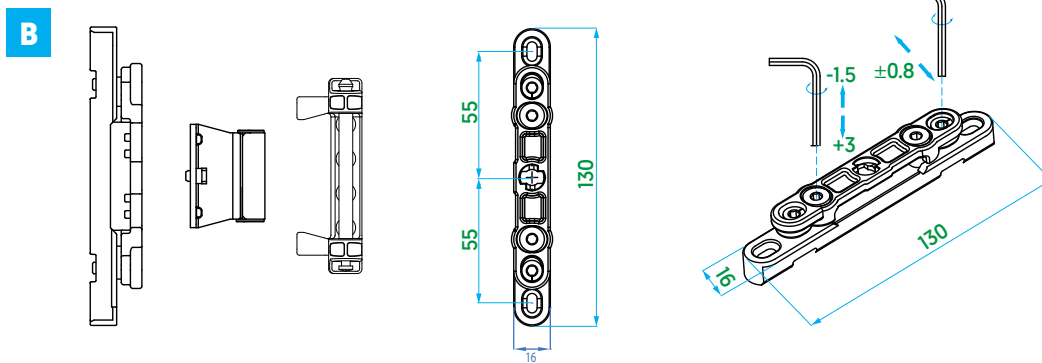
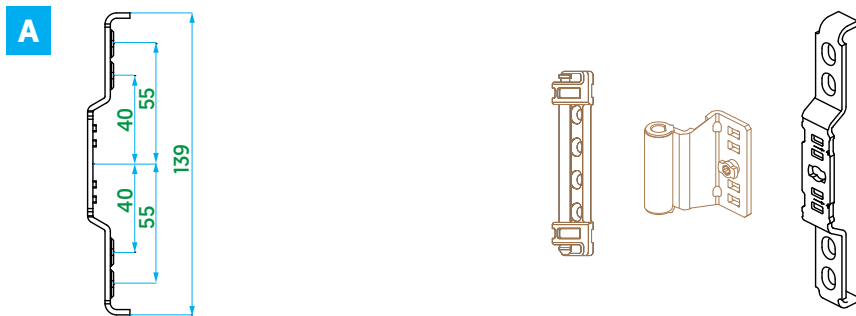


Turn Only Hinge


Adjustable & Fixed

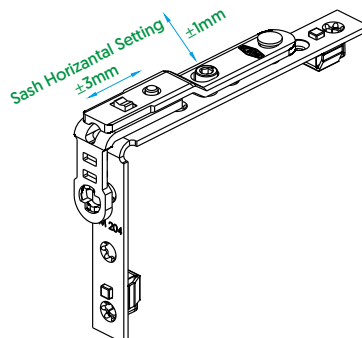
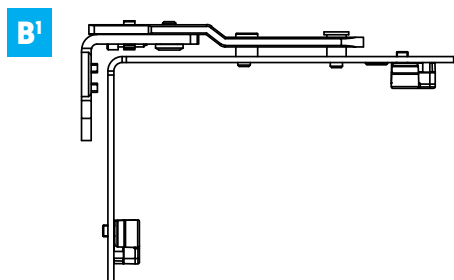
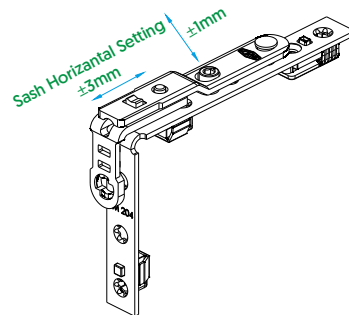
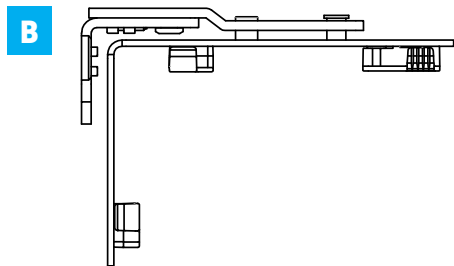
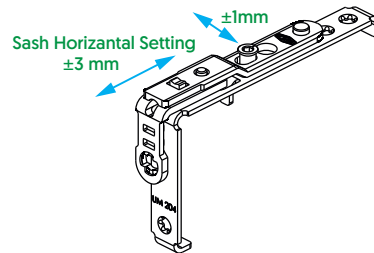
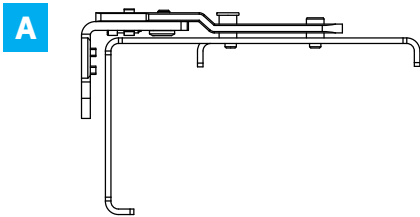


	Article Code	Description	Qty in Box	
A	V.1601.0102	Turn Only Hinge	100	4
B	V.1603.0102	Adjustable Turn Only Hinge	100	4
	V.1603.0202	Adjustable Turn Only Hinge	100	4







Turn Only Top Hinge

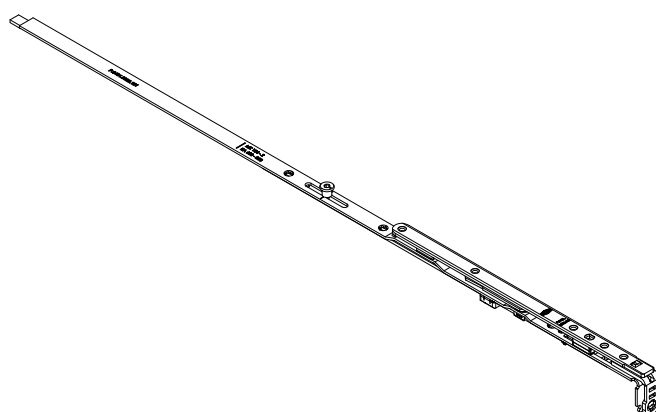
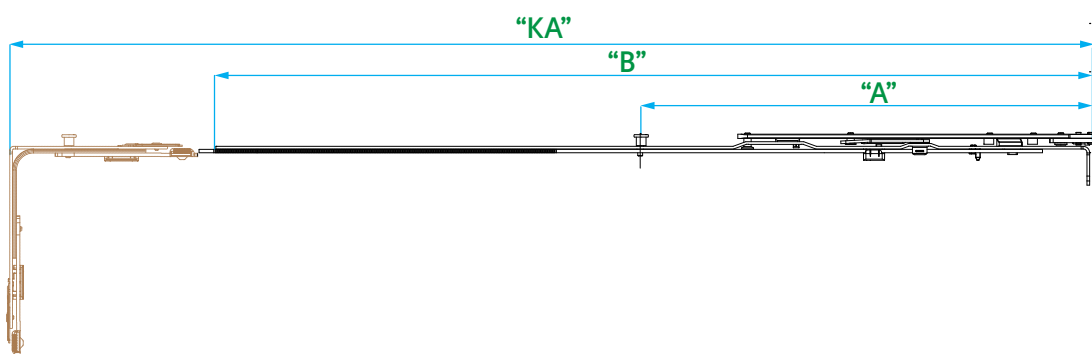
	Article Code	Description	Qty in Box	KG	
A	V.1803.0102	Turn Only Top Hinge	100	100 kg	4
B	V.1804.0102	Turn Only Top Hinge	100	130 kg	7
B ¹	V.1804.0202	Turn Only Top Hinge	100	100 kg	7




Turn Only Top Hinge



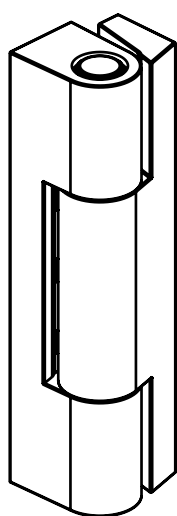
Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)		
V.0410.0102	-	Turn Only Top Hinge	10	350 - 600	-	470	-	2
V.0410.0202	-	Turn Only Top Hinge	10	400 - 650	-	520	-	3
V.0410.0302	-	Turn Only Top Hinge	10	600 - 850	-	720	-	5
V.0410.0402	V.0409.0402	Turn Only Top Hinge	10	600 - 850	370	720	1	5
V.0410.0502	V.0409.0502	Turn Only Top Hinge	10	850 - 1100	568	970	1	7
V.0410.0602	V.0409.0602	Turn Only Top Hinge	10	1100 - 1350	676	1220	1	7
V.0410.0702	V.0409.0702	Turn Only Top Hinge	10	1350 - 1600	818	1470	1	7



90 mm Turn Gear Hinge

Article Code	Description	Qty in Box	
V.1720.01XX*	90 mm Turn Hinge	50	4

*XX	Colors
07	White RAL 9016
08	Brown RAL 8022
21	Orange Brown RAL 8003
22	Maun RAL 8017
23	Grey Brown RAL 8019
32	Anthracite Grey RAL 7016



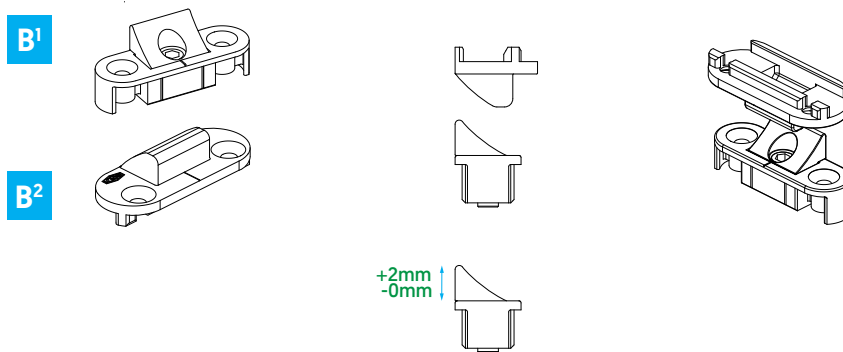
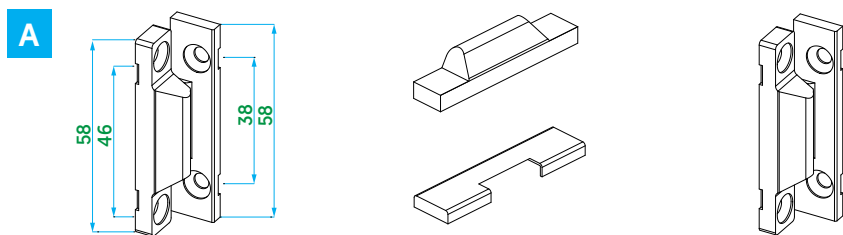
Center Rotation




	Article Code	Description	Qty in Box	
A	V.1701.01xx*	Center Rotation	100	4
B¹	V.1702.0002	Center Rotation Sash Part (Adjustable)	50	2
B²	V.1702.0102	Center Rotation Frame Part (9 Axis)	50	2
	V.1702.0202	Center Rotation Frame Part (13 Axis)	50	2
	V.1702.0302	Center Rotation Frame Part (13 Axis)	50	2

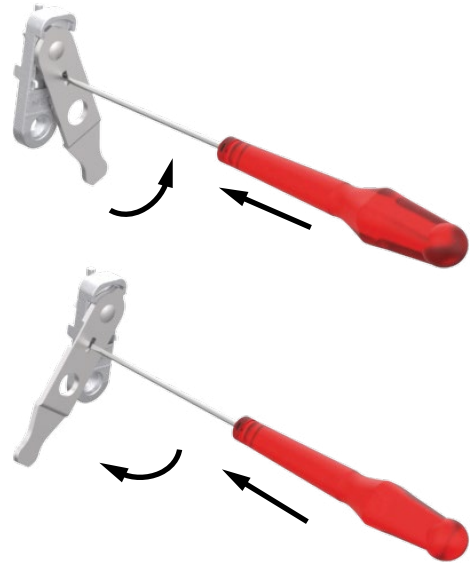
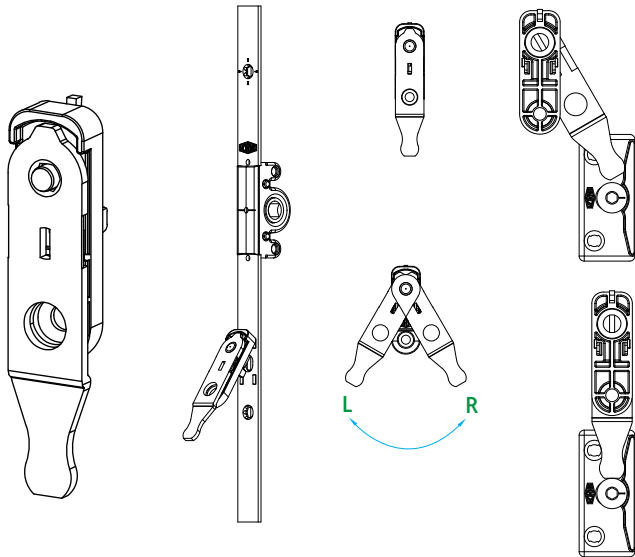
* Colored versions are available.

*xx	Colors
07	White RAL 9016
08	Brown RAL 8022
09	Light Brown RAL 8023
10	Silver T1
11	Gold T3
12	Bronze T4
13	Champagne T2
16	Black RAL 9005
17	Inox T5
18	Titan T6
19	Creme RAL 1013
21	Orange Brown RAL 8003
22	Maun RAL 8017
23	Grey Brown RAL 8019
24	Shiny Gold T7
32	Anthracite Grey RAL 7016




Mishandling and Lifting Device

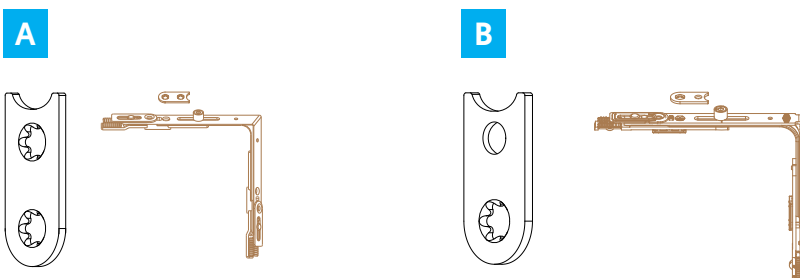
Article Code	Description	Qty in Box	
V.4801.0202	Mishandling and Lifting Device	100	1



The mishandling and lifting device that is incorrectly oriented is adjusted to the correct position by pushing its internal spring into its slot while it is in the open position with the help of a screwdriver.

90° & 135° Turn Restrictor

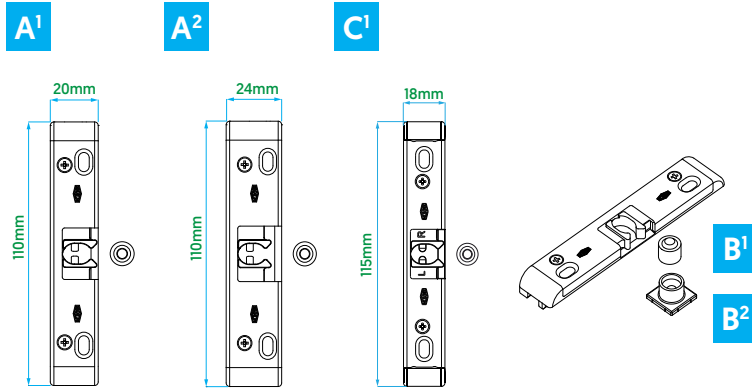
	Article Code	Description	Qty in Box	
A	V.0100.0102	90° Turn Restrictor	100	2
B	V.0100.0302	135° Turn Restrictor	100	2



Bullet Catches & Cam Types

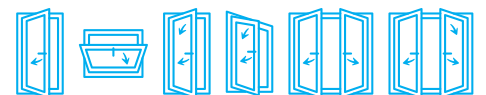
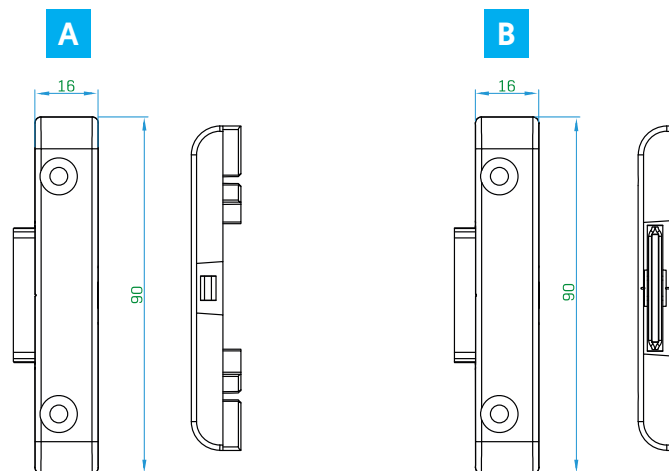


	Article Code	Description	Qty in Box	
A ¹	V.7001.xx02	Bullet Catch 9mm Axis (According to Profile)	100	2
A ²	V.7002.xx02	Bullet Catch 13mm Axis (According to Profile)	100	2
B ¹	V.7000.0102	Application on Gear	100	1
B ²	V.7000.0202	Bullet Catch Frame Part	100	1
C ¹	V.7005.0102	Bullet Catch 13mm Axis (Fixed Mullion Profile)	100	1




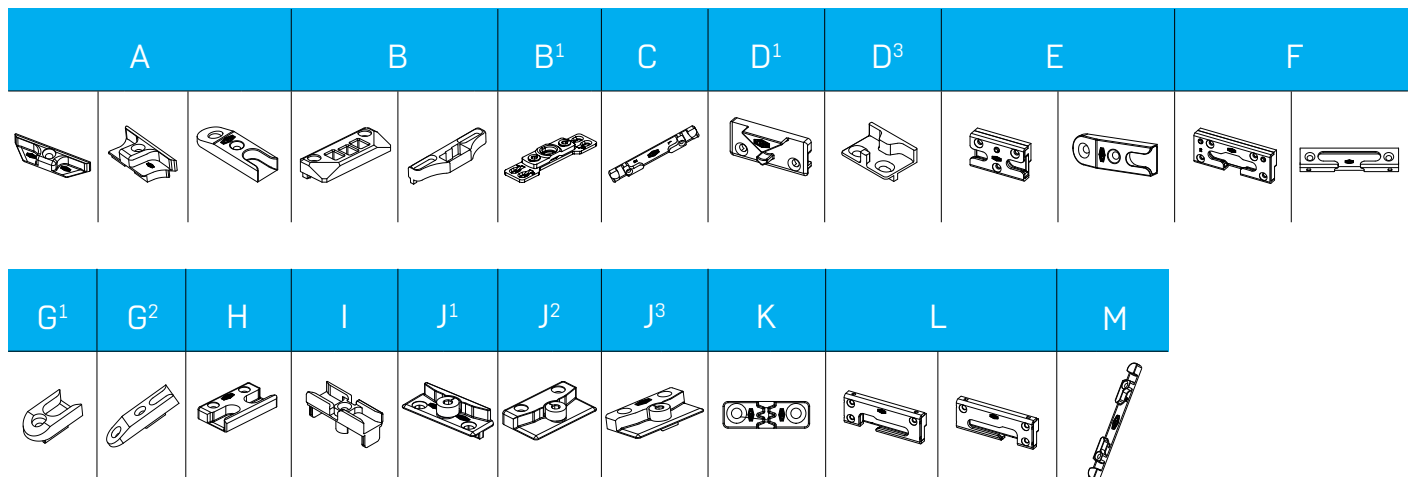
Magnetic Bullet Catches

	Article Code	Description	Qty in Box		
A	V.7003.0102	Magnetic Bullet Catch 9mm Axis	100	1	3
	V.7004.0102	Magnetic Bullet Catch 13mm Axis	100	1	3
B	V.7006.0102	Magnetic Bullet Catch 9/13mm Axis	100	1	3



Strikers

	Article Code	Description	Technical Feature	Qty in Box	
A	See The Striker List!	Striker	According to Profile	-	1
B	See The Striker List!	Shootbolt Striker	According to Profile	-	2
B ¹	V.3020.OX02	9-13 Axis Adjustable Shootbolt Striker	According to Profile	100	2
C	See The Striker List!	Tilt Striker Plate	According to Profile	-	2
D ¹	See The Striker List!	Ventilation Striker	According to Profile	-	2
D ³	See The Striker List!	Ventilation Striker	According to Profile	-	2
E	See The Striker List!	Security Cam Striker	According to Profile	-	3
F	See The Striker List!	Tilt Striker Plate	According to Profile	-	4
G ¹	V.2401.0102	Double Casement Gear Striker	-	200	1
G ²	V.3405.0102	Double Casement Gear Striker (16mm Groove)	-	200	2
H	See The Striker List!	Double Casement Gear Striker / On Gear	According to Profile	-	2
I	V.2404.0102	Double Casement Gear Striker / Frame App.	-	200	1
J ¹	See The Striker List!	Mishandling and Lifting Device Striker	According to Profile	-	2
J ²	V.2805.0102	Mishandling and Lifting Device Striker / Double Sash Gear App.	-	100	2
J ³	V.2806.0102	Mishandling and Lifting Device Striker / On Frame	-	100	2
K	V.3906.0102	Adjustable Ventilation Striker	According to Profile	100	2
L	See The Striker List!	Tilt - First Tilt Striker (L&R)	According to Profile	-	3
M	V.2222.0102	Tilt Striker Plate (13 mm Axis)	For the Profiles Which has Fixed Mullion Profiles	100	2



Cover Caps



	Article Code	Description	Technical Features	Qty in Box
A ^{1a}	V.4001.01xx	Cover Caps	Standart and Special Colours	100
A ^{1b}	V.4002.01xx	Cover Caps	Standart and Special Colours	100
A ^{2a}	V.4501.01xx	Cover Caps	Standart and Special Colours	100
A ^{2b}	V.4502.01xx	Cover Caps	Standart and Special Colours	100
B ¹	V.4101.0xxx	Cover Caps	Standart and Special Colours	100
B ²	V.4102.0xxx	Cover Caps	Standart and Special Colours	100
C ¹	V.4201.0xxx	Cover Caps	Standart and Special Colours	100
C ²	V.4202.0xxx	Cover Caps	Standart and Special Colours	100
D ¹	V.4301.01xx	Cover Caps	Standart and Special Colours	100
D ²	V.4302.01xx	Cover Caps	Standart and Special Colours	100
E	V.4401.01xx	Cover Caps	Standart and Special Colours	100
F	V.5827.0Lxx	HH Pivot Rest Covers L	Standart and Special Colours	100
	V.5827.0Rxx	HH Pivot Rest Covers R	Standart and Special Colours	100

*xx	Cover Colors
07	White RAL 9016
08	Black Brown RAL 8022
10	Silver
11	Gold
12	Bronze
13	Champagne
16	Black
17	Inox
18	Titan
19	Creme RAL 1013
21	Orange Brown RAL 8003
22	Maun RAL 8017
23	Grey Brown
24	Shiny Gold
32	Anthracite Grey RAL 7016

A ^{1a}	A ^{1b}	A ^{2a}	A ^{2b}	B ¹	B ²	C ¹	C ²	D ¹	D ²	E	F

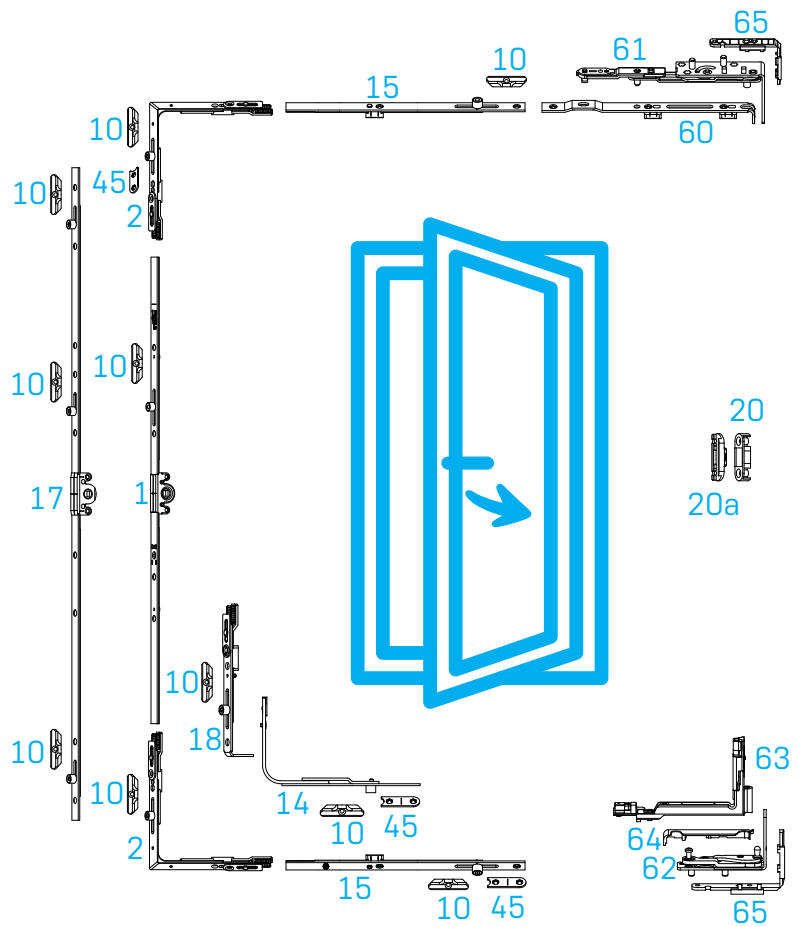
● Products to which the covers will be applied



PVC Hidden Hinge Window System

Hidden Hinge Turn Only System

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
10	Strikers	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
17	TO Gear	Page 46-54
18	TO Bottom and Top Mechanism	Page 69
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
45	90° Turn Restrictor	Page 90
60	Hidden Hinge Turn Only Stay Guide	Page 125
61	Hidden Hinge Turn Only Stay Arm	Page 125
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124



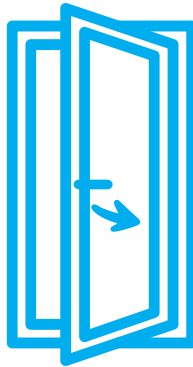
Range of Use

Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Turn Only Sample System Diagram



System	Turn Only
Width / Height	700mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



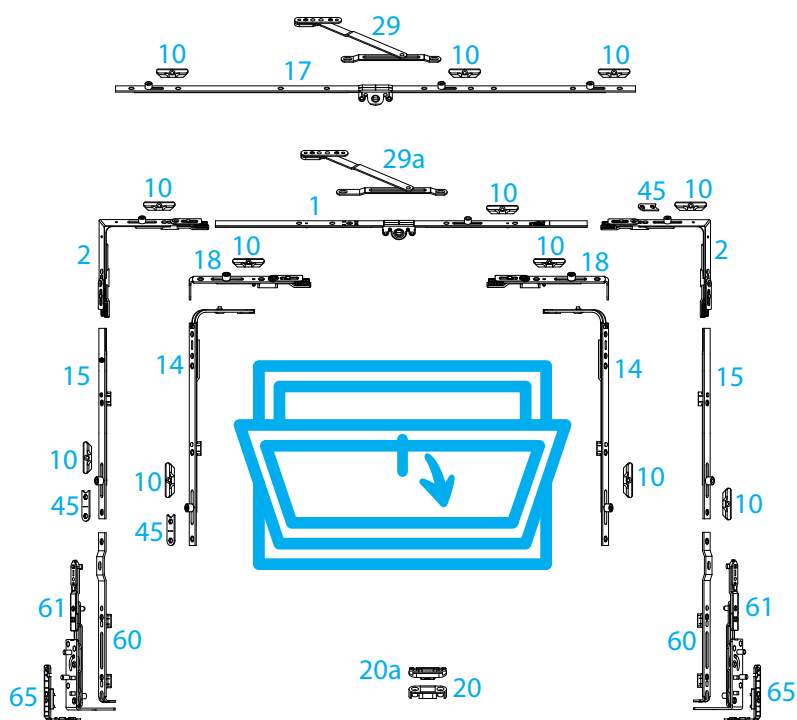
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	3			✓	
17	TO Gear / Variable / 15,5 / 1200-1400 (mm)	47	V.0102.0602	1		✓		
20	Center Rotation Sash Part (Adjustable)	89	V.1702.0002	1		✓		
20a	Center Rotation Frame Part (13 Axis)	89	V.1702.0202	1		✓	✓	
60	Hidden Hinge Turn Only Stay Guide	125	V.5802.0102	1				
61	Hidden Hinge Turn Only Stay Arm 13/L	125	V.5836.0x02	1			✓	
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	

System	Perimeter Locking Turn Only
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg

No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	2				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	5			✓	
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	2	✓			
20	Center Rotation Sash Part (Adjustable)	89	V.1702.0002	1		✓		
20a	Center Rotation Frame Part (13 Axis)	89	V.1702.0202	1		✓	✓	
45	90° Turn Restrictor	90	V.0100.0102	1				
60	Hidden Hinge Turn Only Stay Guide	125	V.5802.0102	1				
61	Hidden Hinge Turn Only Stay Arm 13/L	125	V.5836.0x02	1			✓	
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	

Hidden Hinge Tilt Stay System

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
10	Strikers	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
17	TO Gear	Page 46-54
18	TO Bottom and Top Mechanism	Page 69
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
29	Tilt Stay	Page 74
29a	Tilt Stay	Page 74
45	90° Turn Restrictor	Page 90
60	Hidden Hinge Turn Only Stay Guide	Page 125
61	Hidden Hinge Turn Only Stay Arm	Page 125
65	HH Corner Packers	Page 124



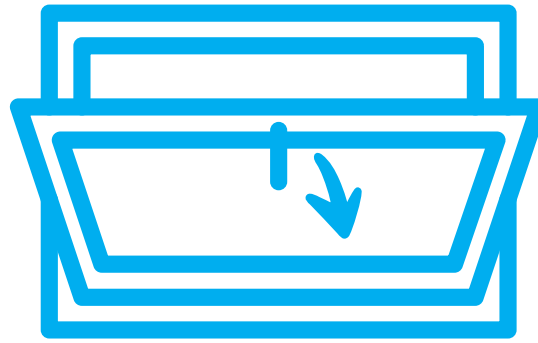
Range of Use

Sash Rectangular Width	600-1200 mm
Sash Rectangular Height	300-1000 mm
Sash Weight	Max. 50 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt Stay Sample System Diagram



System	Tilt Stay
Width / Height	500mm / 500mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	50kg

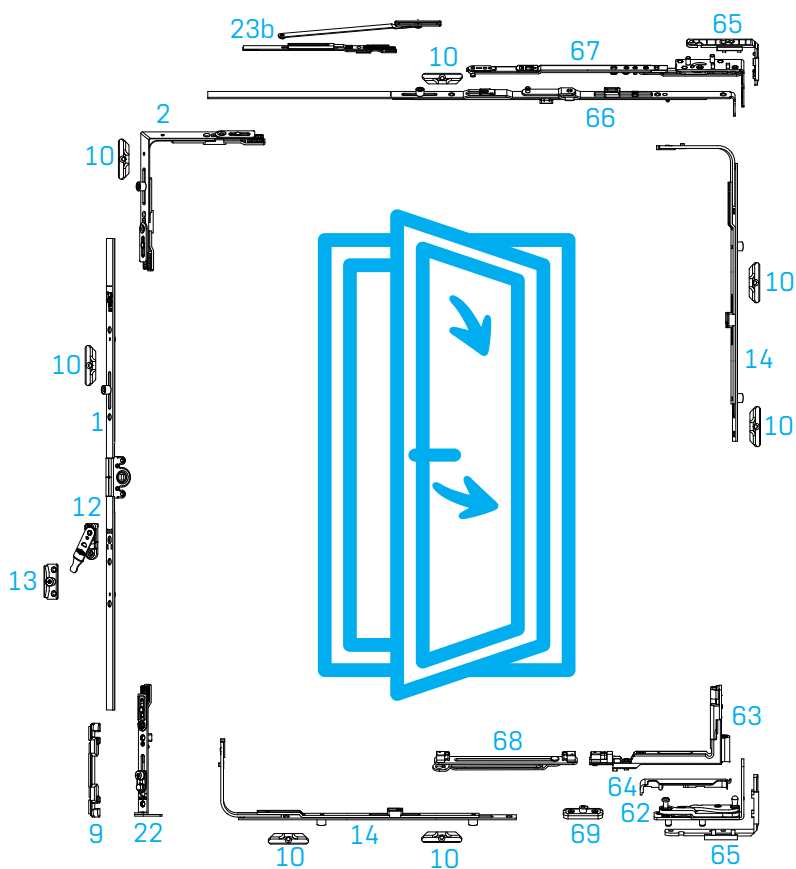


No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	2			✓	
17	TO Gear / Variable / 15,5 / 400-600 (mm)	47	V.0102.0202	1	✓			
29	Tilt Stay (TO Gear Compatible)	74	V.0501.0102	1				
60	Hidden Hinge Turn Only Stay Guide	125	V.5802.0102	2				
61	Hidden Hinge Turn Only Stay Arm 13/L	125	V.5836.0x02	2			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	

Hidden Hinge Tilt & Turn System

Vertical Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
22	T&T Locking Mechanism	Page 68
23b	HH Secondary Stay	Page 126
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

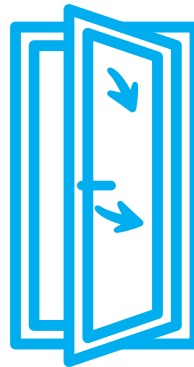
Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt & Turn Sample System Diagram



Vertical Appliaction

System	Vertical Appliaction
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



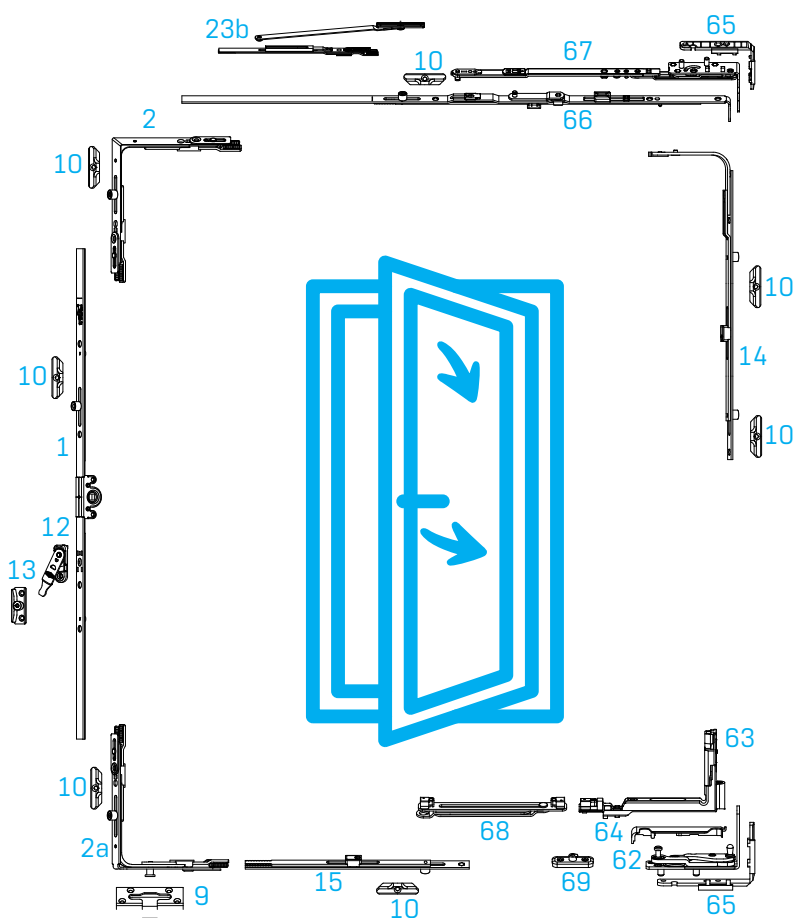
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
9	T&T Striker (13 Axis)	150-155	V.22xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	6			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	1	✓			
22	T&T Locking Mechanism	68	V.0704.0102	1		✓		
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide/ RC1 / KA 851-1100	117	V.5800.0402	1	✓			
67	HH Top Stay Hinge Set 13-R/L	119	V.5832.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (pvc profile uygun)	121	V.5841.0102	1			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Tilt & Turn System

Horizontal Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-59
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
23b	Secondary Stay	Page 126
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

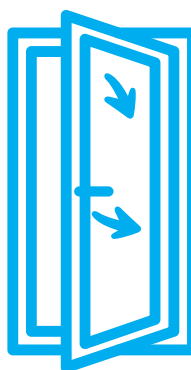
Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt & Turn Sample System Diagram



Horizontal Appliaction

System	Horizontal Appliaction
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



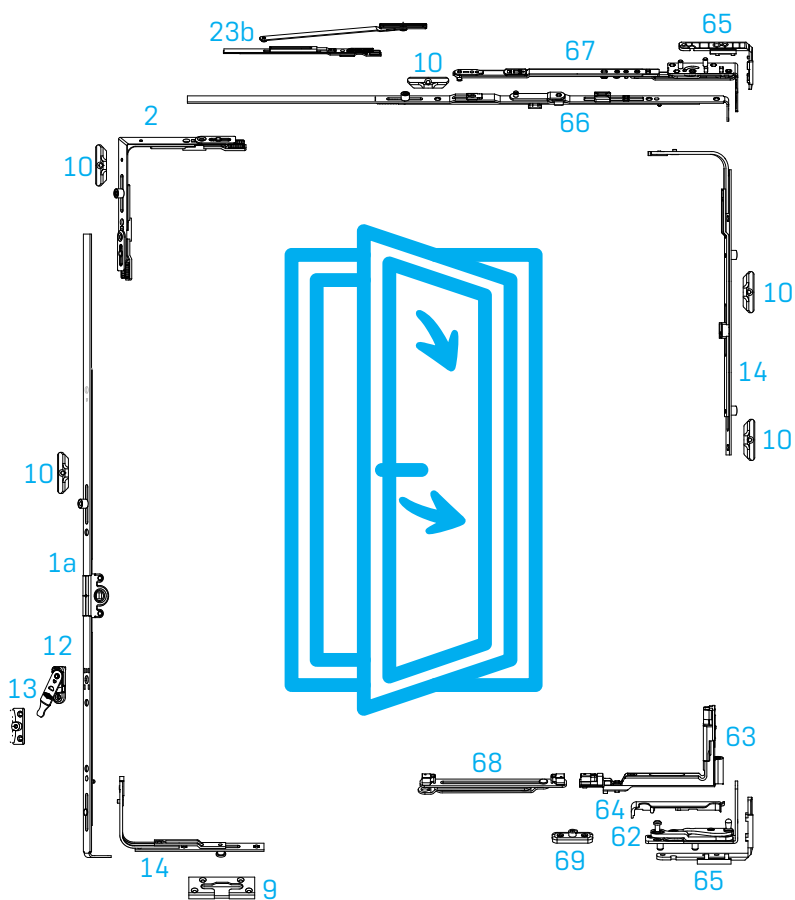
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
2a	Corner Slider / Roller & Security Cam / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide/ RC1 / KA 851-1100	117	V.5800.0402	1	✓			
67	HH Top Stay Hinge Set 13-R/L	119	V.5832.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	1			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Tilt & Turn System

Constant Application

No	Description	Page
1a	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
23b	Secondary Stay	Page 126
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

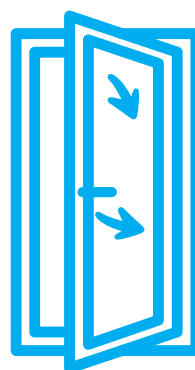
Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	400-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt & Turn Sample System Diagram



Constant Appliaction

System	Constant Appliaction
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Constant
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



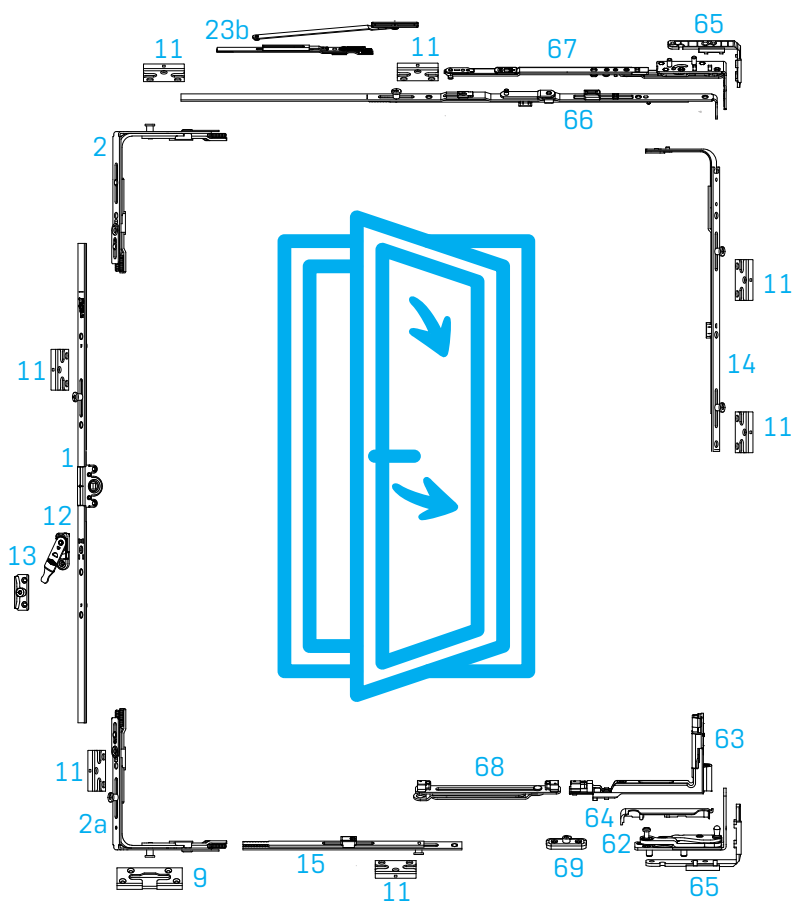
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1a	T&T Gear / Constant / 15,5 / RC2 / 1350-1600 (mm)	41	V.0203.0502	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	6			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
14	Center Locking / SC1 0-800 (mm)	75	V.0901.0102	1	✓			
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide/ RC1 / KA 851-1100 (mm)	117	V.5800.0402	1	✓			
67	HH Top Stay Hinge Set 13-R/L	119	V.5832.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	1			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Tilt & Turn System

Security Appliaction

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-63
9	T&T Striker	Page 150-155
11	Security Cam Striker	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
23b	Secondary Stay	Page 126
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

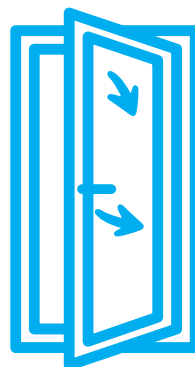
Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt & Turn Sample System Diagram



Security Application

System	Security Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



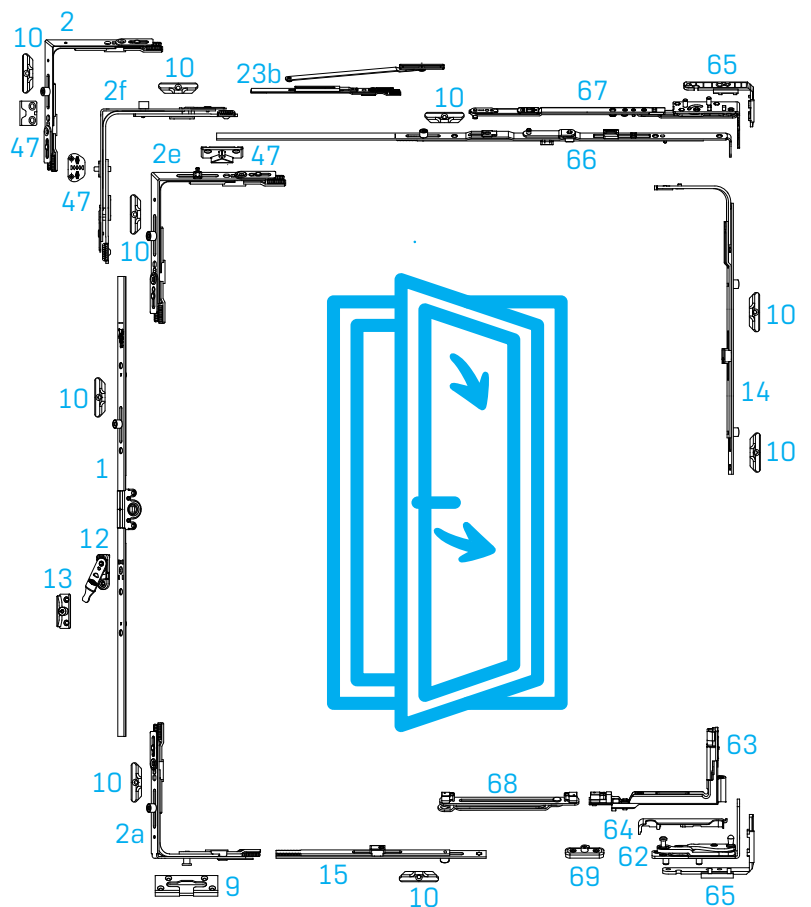
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / SC1 / 900-1400 (mm)	40	V.0205.0302	1		✓		
2	Corner Slider / 150 x 130 SC1 (mm)	58	V.0608.0102	1				
2a	Corner Slider / Roller & Security Cam / 150 SC1 x 130 SC1 (mm)	59	V.0607.0102	1				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	6			✓	
11	Security Cam Striker (13 Axis)	150-155	V.34xx.xxxx	1			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / SC2 / 850-1400 (mm)	75	V.0902.0402	2	✓			
15	Supplementary Locking / SC1 / 800-1200 (mm)	64	V.1002.0102	1		✓		
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide / SC / KA 851-1100 (mm)	117	V.5801.0402	1	✓			
67	HH Top Stay Hinge Set 13-R/L	119	V.5832.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102				✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Tilt & Turn System

Ventilation Application

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2e	Corner Slider (Ventilation)	Page 60
2f	Corner Slider (Adjustable Vent.)	Page 60
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
23b	Secondary Stay	Page 126
47	Ventilation Strikers	Page 150-155
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

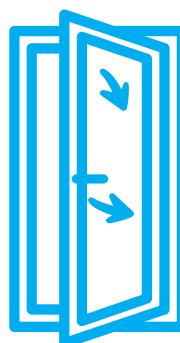
Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Tilt & Turn Sample System Diagram



Ventilation Application

System	Ventilation Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



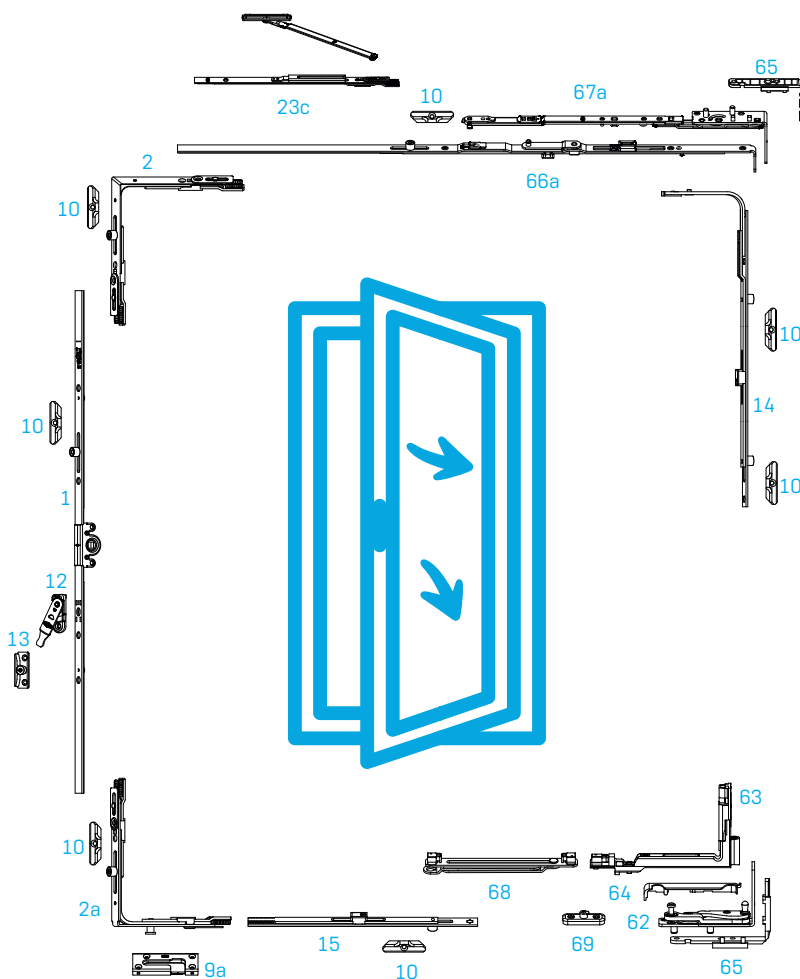
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
2a	Corner Slider / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
9a	Horizontal Tilt Striker Plate [13 Axis]	150-155	V.3217.xxxx	1			✓	
10	Security Cam Striker [13 Axis]	150-155	V.25xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker [13 Axis]	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide / Tilt First / RC1 / KA 851-1100 (mm)	118	V.5803.0402	1	✓			
67	HH Tilt First HH Top Stay Hinge Set 13-R/L / KA 851-1100 (mm)	120	V.5847.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	1			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Tilt & Turn System

Tilt First Application

No	Description	Page
1	T&T Gear	Page 37-45
2	Corner Slider	Page 58-63
2a	Security Corner Slider	Page 58-59
9a	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
23c	Hidden Hinge Turn Only Stay Guide	Page 126
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66a	HH Stay Guide [Tilt First Application]	Page 118
67a	GM Top Stay Hinge Set [Tilt First Application]	Page 120
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



Range of Use

Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	380-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 ⁺¹ mm

Hidden Hinge Tilt & Turn Sample System Diagram



Tilt First Application

System	Tilt First Application
Width / Height	900mm / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



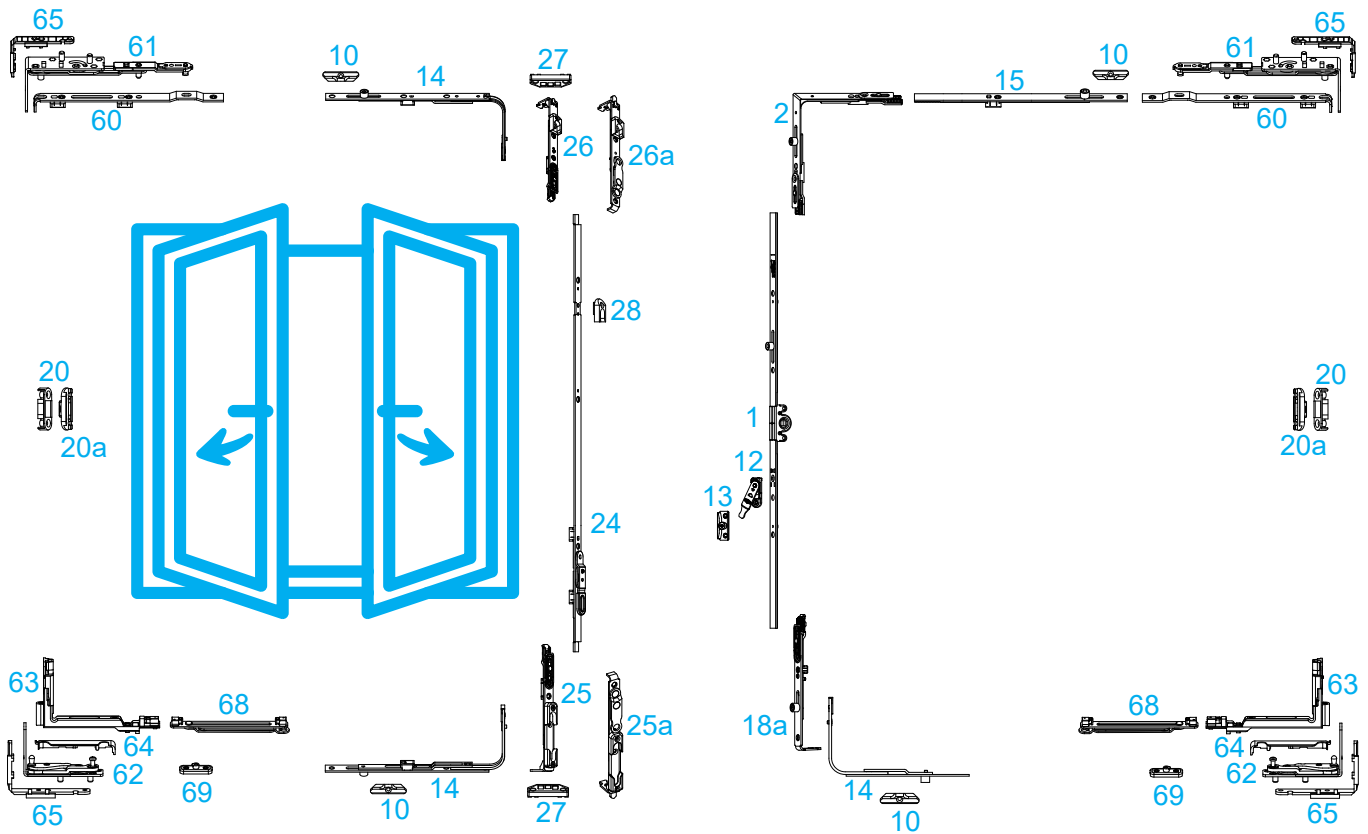
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
2a	Corner Slider / 150 RC1 x 130 SC1 (mm)	59	V.0605.0102	1				
9a	Horizontal Tilt Striker Plate [13 Axis]	150-155	V.3217.xxxx	1			✓	
10	Strikers [13 Axis]	150-155	V.25xx.xxxx	7			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker [13 Axis]	150-155	V.27xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	1			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	1			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	1				
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	1			✓	
66	HH Stay Guide / Tilt First RC1 / KA 851-1100 (mm)	118	V.5803.0402	1	✓			
67	HH Tilt First HH Top Stay Hinge Set 13-R/L / KA 851-1100 (mm)	120	V.5847.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	1				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	1			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Double Sash Turn Only System

No	Description	Page
1	T&T Gear	Sayfa 37-45
2	Corner Slider	Sayfa 58-63
10	Strikers	Sayfa 150-155
12	Mishandling and Lifting Device	Sayfa 90
13	Mishandling and Lifting Device Striker	Sayfa 150-155
14	Center Locking	Sayfa 75-76
15	Supplementary Locking	Sayfa 64
18a	TO Bottom and Top Mechanism	Sayfa 69
20	Center Rotation Sash Part	Sayfa 89
20a	Center Rotation Frame Part	Sayfa 89
24	Double Sash Gear	Sayfa 55-56
25	Double Sash Gear Bottom Shootbolt	Sayfa 57
25a	Bottom Shootbolt	Sayfa 57

No	Description	Page
26	Double Sash Gear Top Shootbolt	Sayfa 57
26a	Top Shootbolt	Sayfa 57
27	Shootbolt Striker	Sayfa 150-155
28	Double Sash Gear Striker	Sayfa 92
60	Hidden Hinge Turn Only Stay Guide	Sayfa 125
61	Hidden Hinge Turn Only Stay Arm	Sayfa 125
62	HH Pivot Rest	Sayfa 123
63	HH Corner Hinge	Sayfa 122
64	HH Pivot Rest Covers	Sayfa 93
65	HH Corner Packers	Sayfa 124
68	HH 90° Turn Restrictor	Sayfa 121
69	HH 90° Turn Restrictor Striker	Sayfa 121



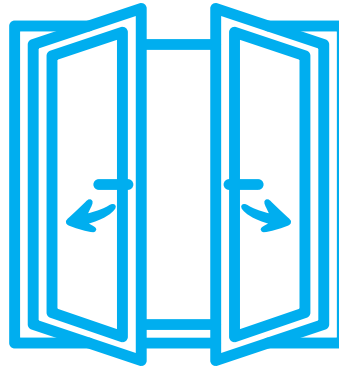
Range of Use

Sash Rectangular Width	350-1350 mm
Sash Rectangular Height	540-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Double Sash Turn Only Sample System Diagram



System	Hidden Hinge Double Sash Turn Only
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Roller Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg



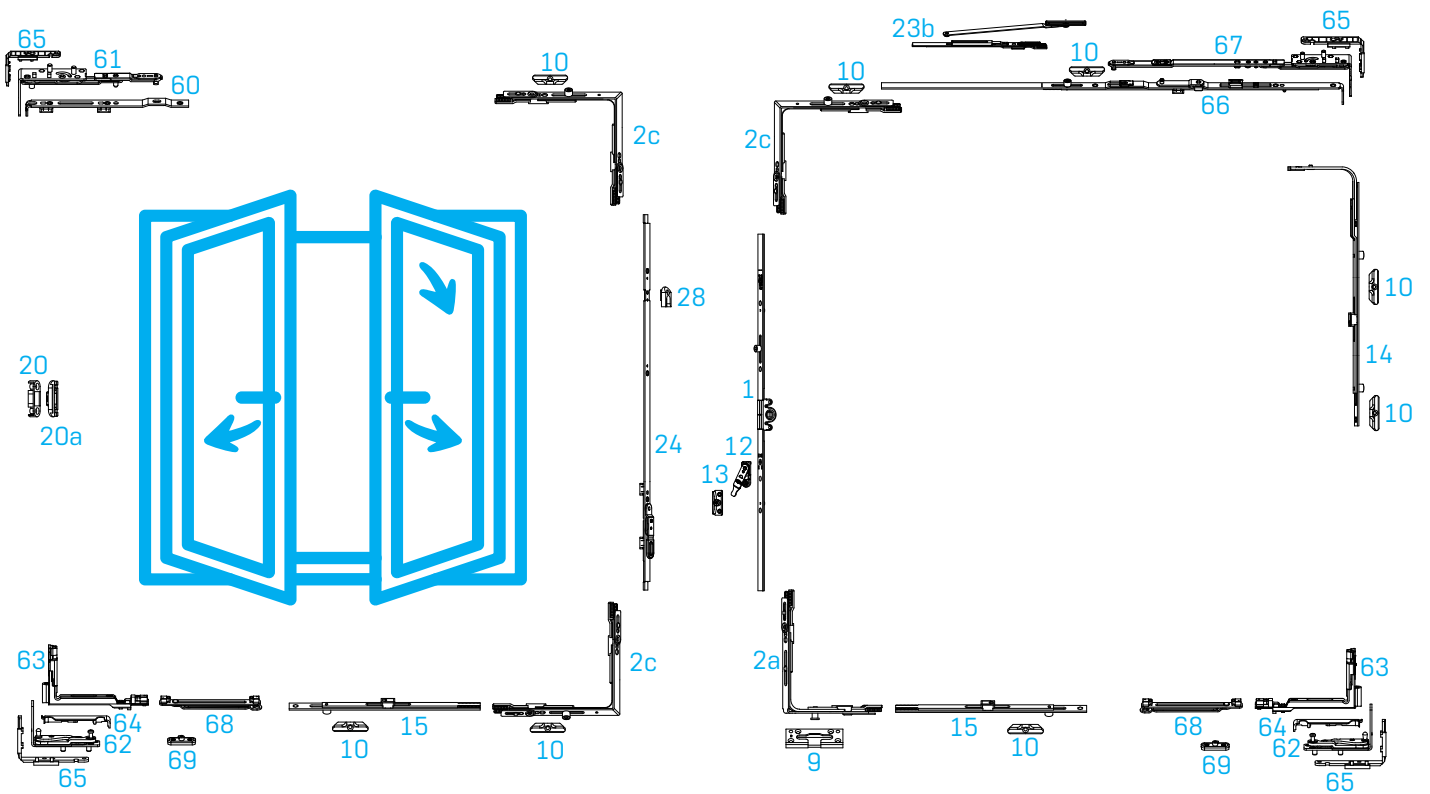
No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5/900-1400 RC1	40	V.0202.0302	1		✓		
2	Corner Slider / 150 RC1 x 130 (mm)	58	V.0601.0102	1				
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	4			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / RC1 / 0-800 (mm)	75	V.0801.0202	3	✓			
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	1	✓			
18a	TO Bottom & Top Connection	69	V.0702.0102	1		✓		
20	Center Rotation Sash Part (Adjustable)	89	V.1702.0002	2		✓		
20a	Center Rotation Frame Part (13 Axis)	89	V.1702.0202	2		✓	✓	
24	Double Sash Gear / Variable / 900-1400 (mm)	55	V.0301.0302	1		✓		✓
25	Double Sash Gear Bottom Shootbolt	57	V.1901.0102	1				✓
26	Double Sash Gear Top Shootbolt	57	V.1902.0102	1				✓
27	Adjustable Shootbolt Striker (13 Axis)	150-155	V.30xx.xxxx	2			✓	
28	Double Casement Gear Striker / Frame App.	92	V.240x.0102	1			✓	✓
60	Hidden Hinge Turn Only Stay Guide	125	V.5802.0102	2				
61	Hidden Hinge Turn Only Stay Arm 13R/L	125	V.5836.0x02	2			✓	
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	2			✓	
63	HH Corner Hinge 13 Axis	123	V.5820.0102	2			✓	
64	HH Pivot Rest Covers R/L	122	V.5827.0xxx	2				
65	HH Frame Hinge Packers	93	V.5828.xxxx	2			✓	
65	HH Frame Hinge Packers	93	V.5828.xxxx	2			✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	2				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	2			✓	

Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width.
When Secondary stay is used, stay should be selected as 1 small size

Hidden Hinge Double Sash Tilt & Turn System

No	Description	Page
1	T&T Gear	Page 37-45
2a	Corner Slider	Page 58-63
2c	Corner Slider	Page 58-63
9	T&T Striker	Page 150-155
10	Strikers	Page 150-155
12	Mishandling and Lifting Device	Page 90
13	Mishandling and Lifting Device Striker	Page 150-155
14	Center Locking	Page 75-76
15	Supplementary Locking	Page 64
20	Center Rotation Sash Part	Page 89
20a	Center Rotation Frame Part	Page 89
23b	Hidden Hinge Secondary Stay	Page 126
24	Double Sash Gear	Page 55-56
28	Double Sash Gear Striker	Page 92

No	Description	Page
60	Hidden Hinge Turn Only Stay Guide	Page 125
61	Hidden Hinge Turn Only Stay Arm	Page 125
62	HH Pivot Rest	Page 123
63	HH Corner Hinge	Page 122
64	HH Pivot Rest Covers	Page 93
65	HH Corner Packers	Page 124
66	HH Stay Guide	Page 117
67	HH Top Stay Hinge Set	Page 119
68	HH 90° Turn Restrictor	Page 121
69	HH 90° Turn Restrictor Striker	Page 121



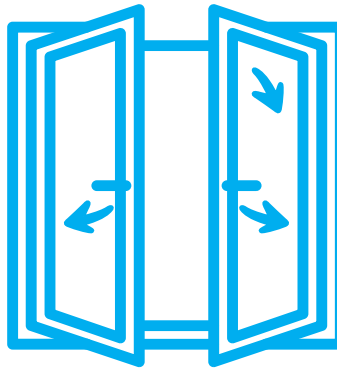
Range of Use

Sash Rectangular Width	375-1350 mm
Sash Rectangular Height	540-2400 mm
Sash Weight	Max. 100 kg
Rebate Clearance	min. 12 mm

Hidden Hinge Double Sash Tilt & Turn Sample System Diagram



System	Hidden Hinge Double Sash Tilt & Turn
Width / Height	1800mm (900mm*2) / 1400mm
Cam Type	Security Cam
Handle Position	Variable
Axis	13
Sash Overlap	20
Backset	15,5
Max. Load Capacity	80kg







No	Description	Page	Article Code	Quantity in System	Product Variables			
					Width	Height	Profile	Optional
1	T&T Gear / Variable / 15,5 / RC1 / 900-1400 (mm)	40	V.0205.0302	1		✓		
2a	Corner Slider / 150 x 130 SC1 (mm)	58	V.0608.0102	1				
2c	Corner Slider / 150 x 130 RC1 (mm)	58	V.0609.0102	3				
9	Horizontal Tilt Striker Plate (13 Axis)	150-155	V.32xx.xxxx	1			✓	
10	Strikers (13 Axis)	150-155	V.25xx.xxxx	8			✓	
12	Mishandling and Lifting Device	90	V.4801.0202	1				
13	Mishandling and Lifting Device Striker (13 Axis)	92	V.28xx.xxxx	1			✓	
14	Center Locking / RC2 / 850-1400 (mm)	75	V.0801.0902	1		✓		
15	Supplementary Locking / RC1 / 800 - 1200 (mm)	64	V.1001.0102	2	✓			
20	Center Rotation Sash Part (Adjustable)	89	V.1702.0002	1		✓		
20a	Center Rotation Frame Part (13 Axis)	89	V.1702.0202	1		✓	✓	
24	Double Sash Gear / Variable / 900-1400 (mm)	55	V.0301.0302	1		✓		
28	Double Casement Gear Striker / Frame App.	92	V.240x.0102	1			✓	✓
60	Hidden Hinge Turn Only Stay Guide	125	V.5802.0102	1				
61	Hidden Hinge Turn Only Stay Arm 13R/L	125	V.5836.0x02	1			✓	
62	HH Pivot Rest 13 R/L	123	V.5834.0x02	2			✓	
63	HH Corner Hinge 13 Axis	122	V.5820.0102	2			✓	
64	HH Pivot Rest Covers R/L	93	V.5827.0xxx	2				
65	HH Frame Hinge Packers	124	V.5828.xxxx	2			✓	
65	HH Frame Hinge Packers	124	V.5828.xxxx	2			✓	
66	HH Stay Guide 970mm RC1 / KA 851-1100 (mm)	117	V.5800.0402	1	✓			
67	HH Top Stay Hinge Set 13-R/L	119	V.5832.3x02	1	✓		✓	
68	HH 90° Turn Restrictor	121	V.5840.0102	2				
69	HH 90° Turn Restrictor Striker (For PVC Profiles)	121	V.5841.0102	2			✓	

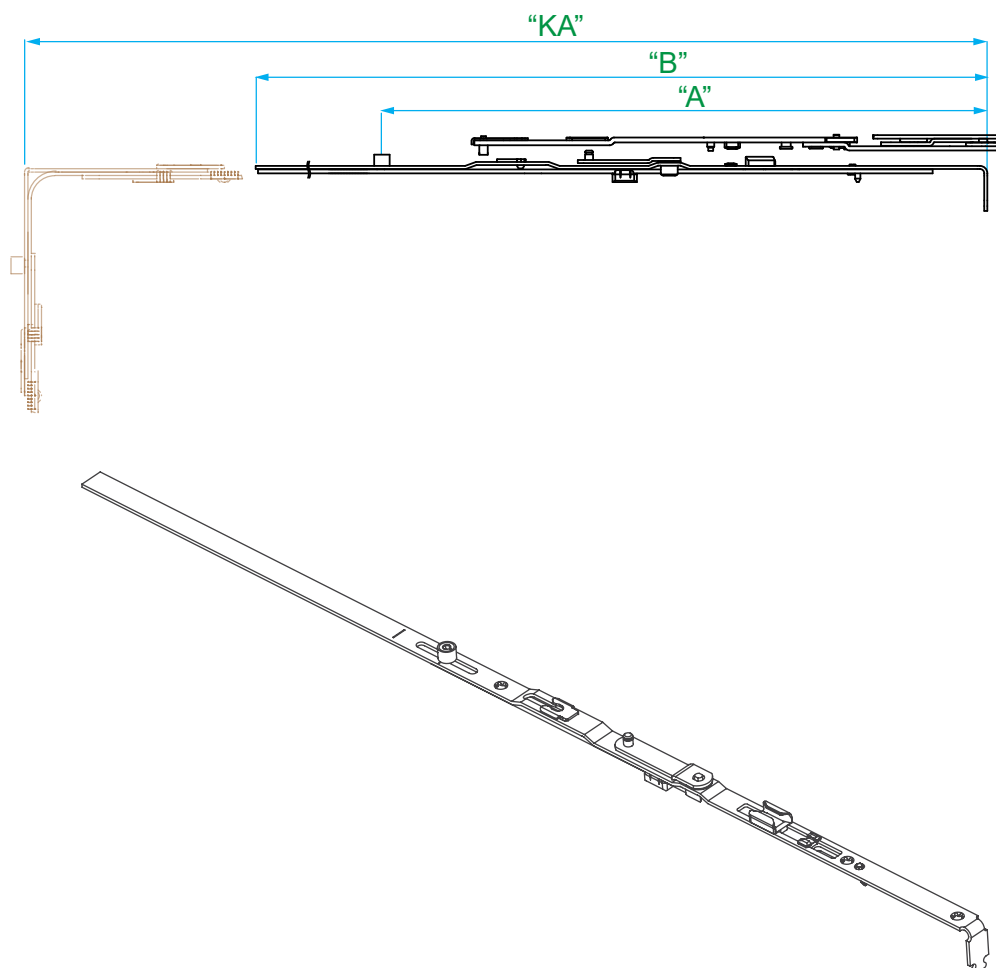
Note: Secondary stay recommended to be used in applications with 1200mm and longer sash width. When Secondary stay is used, stay should be selected as 1 small size

PVC Hidden Hinge Window System Components

Hidden Hinge Stay Guide







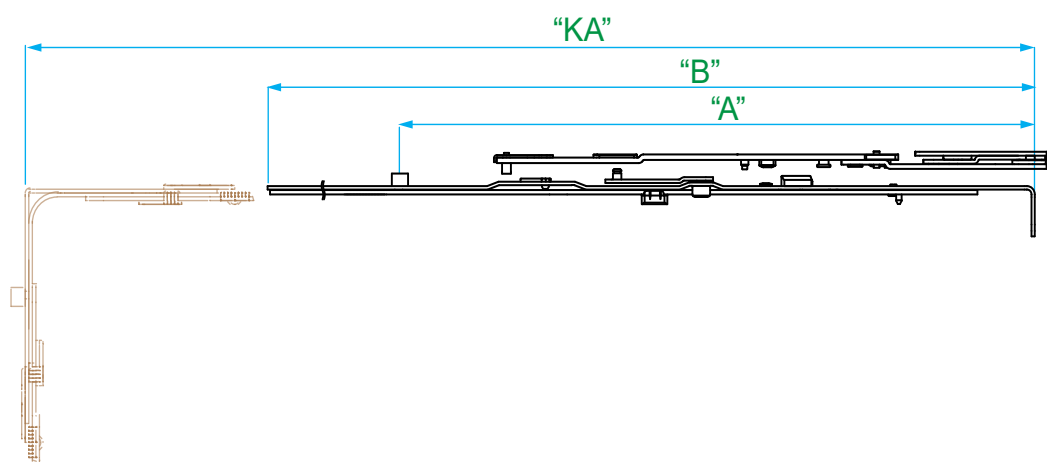
	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)		
	V.5800.0102	-	HH Stay Guide	10	455 - 600	-	470	-	3
	V.5800.0202	-	HH Stay Guide	10	601 - 850	-	720	-	4
	V.5800.0302	V.5801.0302	HH Stay Guide	10	601 - 850	431	720	1	4
	V.5800.0402	V.5801.0402	HH Stay Guide	10	851 - 1100	620	970	1	6
	V.5800.0502	V.5801.0502	HH Stay Guide	10	1101 - 1350	730	1220	1	7



Hidden Hinge Stay Guide

Tilt First

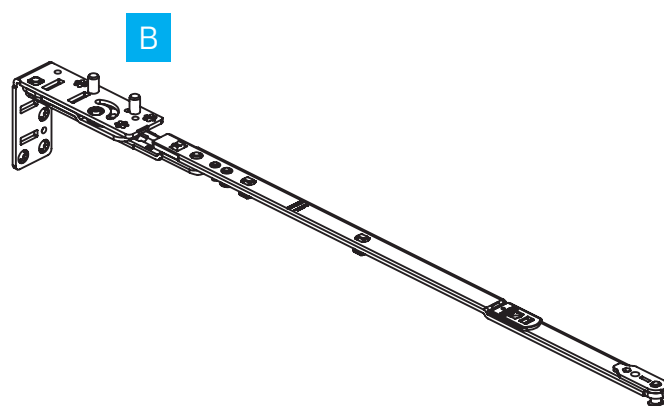
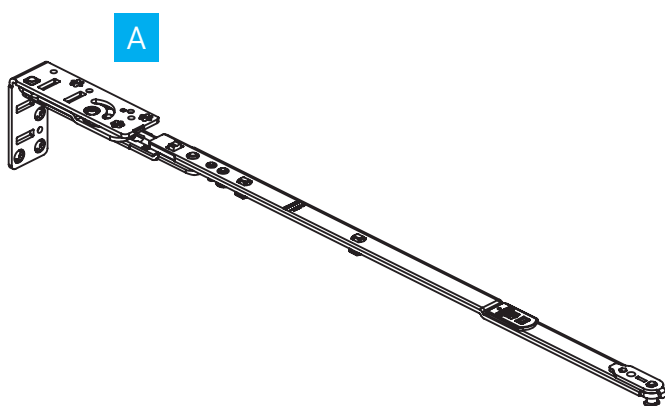
	Article Code RC 	Article Code SC 	Description	Qty in Box	'KA' (mm)	'A' (mm)	'B' (mm)		
	V.5803.0102	-	HH Stay Guide / Tilt First	10	455 - 600	-	470	-	3
	V.5803.0202	-	HH Stay Guide / Tilt First	10	601 - 850	-	720	-	4
	V.5803.0302	V.5804.0302	HH Stay Guide / Tilt First	10	601 - 850	431	720	1	4
	V.5803.0402	V.5804.0402	HH Stay Guide / Tilt First	10	851 - 1100	620	970	1	6
	V.5803.0502	V.5804.0502	HH Stay Guide / Tilt First	10	1101 - 1350	730	1220	1	7




Hidden Hinge Top Stay Hinge Set

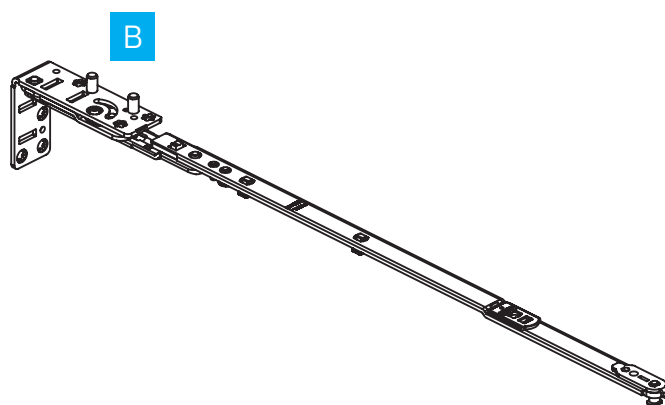
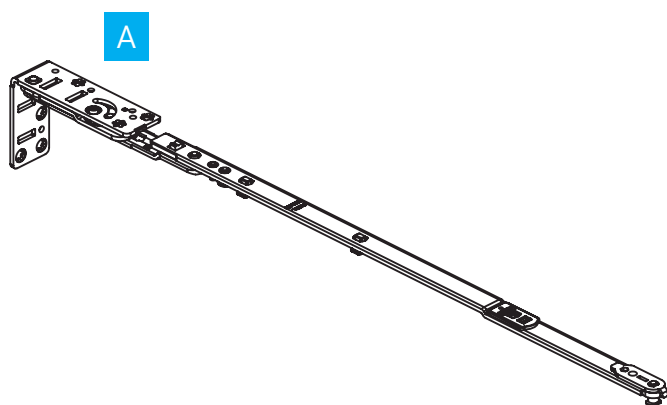


	Article Code	Description	Profile	HH Stay Guide KA (mm)	Qty in Box	Axis	Max. Load Capacity (kg)	
A	V.5831.1L02	HH Top Stay Hinge Set 9/L	30 PVC 1.Size	455 - 600	10	9	80	6
	V.5831.1R02	HH Top Stay Hinge Set 9/R	30 PVC 1.Size	455 - 600	10	9	80	6
	V.5831.2L02	HH Top Stay Hinge Set 9/L	30 PVC 2.Size	601 - 850	10	9	80	6
	V.5831.2R02	HH Top Stay Hinge Set	30 PVC 2.Size	601 - 850	10	9	80	6
	V.5831.3L02	HH Top Stay Hinge Set 9/L	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	80	6
	V.5831.3R02	HH Top Stay Hinge Set 9/R	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	80	6
	V.5832.1L02	HH Top Stay Hinge Set 13/L	30 PVC 1.Size	455 - 600	10	13	80	6
	V.5832.1R02	HH Top Stay Hinge Set 13/R	30 PVC 1.Size	455 - 600	10	13	80	6
	V.5832.2L02	HH Top Stay Hinge Set 13/L	30 PVC 2.Size	601 - 850	10	13	80	6
	V.5832.2R02	HH Top Stay Hinge Set 13/R	30 PVC 2.Size	601 - 850	10	13	80	6
	V.5832.3L02	HH Top Stay Hinge Set 13/L	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	80	6
	V.5832.3R02	HH Top Stay Hinge Set 13/R	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	80	6
B	V.5821.1L02	HH Top Stay Hinge Set 9/L	30 Timber-PVC 1.Size	455 - 600	10	9	100	6
	V.5821.1R02	HH Top Stay Hinge Set 9/R	30 Timber-PVC 1.Size	455 - 600	10	9	100	6
	V.5821.2L02	HH Top Stay Hinge Set 9/L	30 Timber-PVC 2.Size	601 - 850	10	9	100	6
	V.5821.2R02	HH Top Stay Hinge Set 9/R	30 Timber-PVC 2.Size	601 - 850	10	9	100	6
	V.5821.3L02	HH Top Stay Hinge Set 9/L	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	100	6
	V.5821.3R02	HH Top Stay Hinge Set 9/R	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	100	6
	V.5822.1L02	HH Top Stay Hinge Set 13/L	30 Timber-PVC 1.Size	455 - 600	10	13	100	6
	V.5822.1R02	HH Top Stay Hinge Set 13/R	30 Timber-PVC 1.Size	455 - 600	10	13	100	6
	V.5822.2L02	HH Top Stay Hinge Set 13/L	30 Timber-PVC 2.Size	601 - 850	10	13	100	6
	V.5822.2R02	HH Top Stay Hinge Set 13/R	30 Timber-PVC 2.Size	601 - 850	10	13	100	6
	V.5822.3L02	HH Top Stay Hinge Set 13/L	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	100	6
	V.5822.3R02	HH Top Stay Hinge Set 13/R	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	100	6




Hidden Hinge Tilt First Top Stay Hinge Set

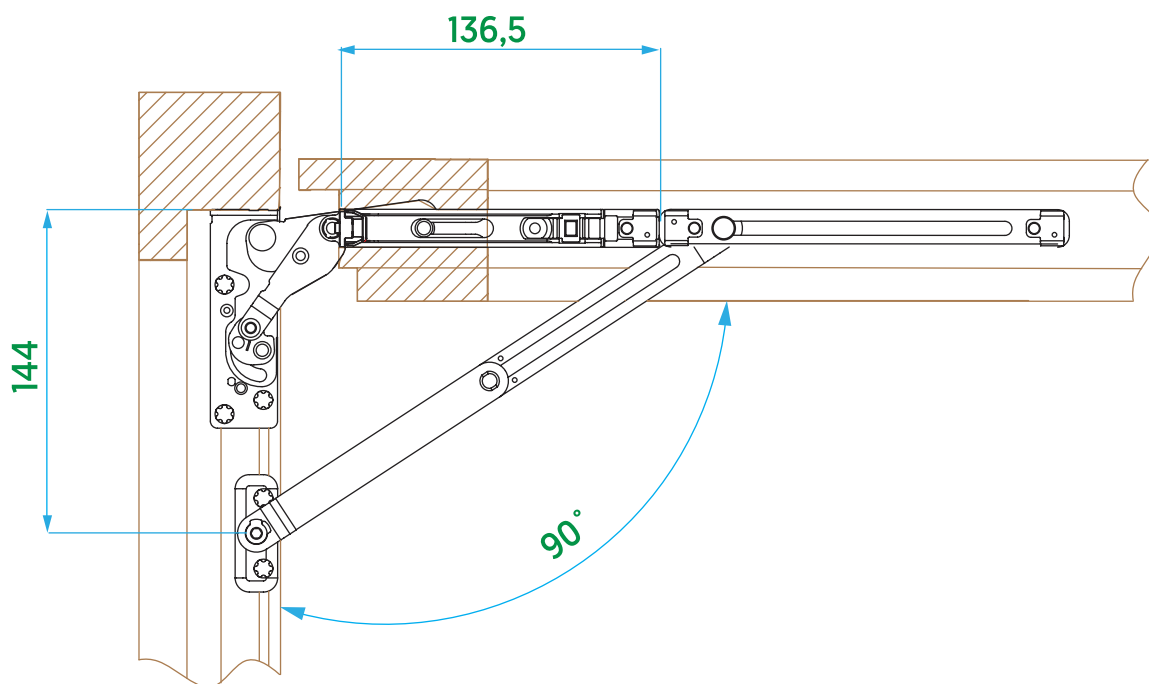
	Article Code	Description	Profile	Stay Guide KA (mm)	Qty in Box	Axis	Max. Load Capacity (kg)	
A	V.5846.1L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 PVC 1.Size	455 - 600	10	9	80	6
	V.5846.1R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 PVC 1.Size	455 - 600	10	9	80	6
	V.5846.2L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 PVC 2.Size	601 - 850	10	9	80	6
	V.5846.2R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 PVC 2.Size	601 - 850	10	9	80	6
	V.5846.3L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	80	6
	V.5846.3R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	80	6
	V.5847.1L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 PVC 1.Size	455 - 600	10	13	80	6
	V.5847.1R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 PVC 1.Size	455 - 600	10	13	80	6
	V.5847.2L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 PVC 2.Size	601 - 850	10	13	80	6
	V.5847.2R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 PVC 2.Size	601 - 850	10	13	80	6
	V.5847.3L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	80	6
	V.5847.3R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	80	6
B	V.5844.1L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 Timber-PVC 1.Size	455 - 600	10	9	100	6
	V.5844.1R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 Timber-PVC 1.Size	455 - 600	10	9	100	6
	V.5844.2L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 Timber-PVC 2.Size	601 - 850	10	9	100	6
	V.5844.2R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 Timber-PVC 2.Size	601 - 850	10	9	100	6
	V.5844.3L02	HH Tilt First HH Top Stay Hinge Set 9-L	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	100	6
	V.5844.3R02	HH Tilt First HH Top Stay Hinge Set 9-R	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	9	100	6
	V.5845.1L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 Timber-PVC 1.Size	455 - 600	10	13	100	6
	V.5845.1R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 Timber-PVC 1.Size	455 - 600	10	13	100	6
	V.5845.2L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 Timber-PVC 2.Size	601 - 850	10	13	100	6
	V.5845.2R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 Timber-PVC 2.Size	601 - 850	10	13	100	6
	V.5845.3L02	HH Tilt First HH Top Stay Hinge Set 13-L	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	100	6
	V.5845.3R02	HH Tilt First HH Top Stay Hinge Set 13-R	30 Timber-PVC 3.Size	851 - 1.100 / 1.101 - 1.350	10	13	100	6



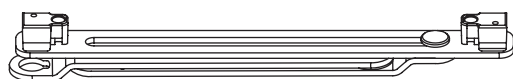
Hidden Hinge 90° Sash Turn Restrictor



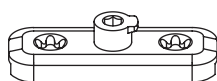
	Article Code	Description	Qty in Box	
A	V.5840.0102	HH 90° Turn Restrictor	100	2
B	V.5841.0102	HH 90° Turn Restrictor Striker	100	2




A



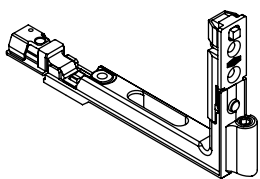
B



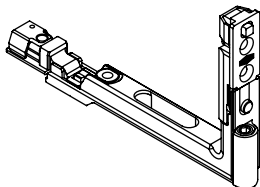
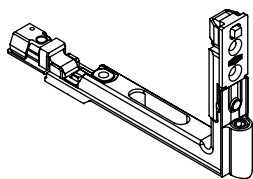
Hidden Hinge Sash Corner Hinge

	Article Code	Description	Qty in Box	Axis	
A	V.5810.0L02	HH Corner Hinge 9 axis L	20	9	4
	V.5810.0R02	HH Corner Hinge 9 axis R	20	9	4
B	V.5820.0102	HH Corner Hinge 13 axis	20	13	4

A




B

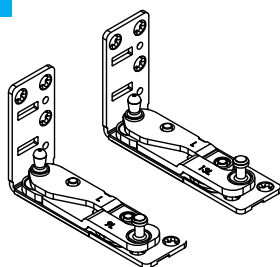


Hidden Hinge Pivot Rest

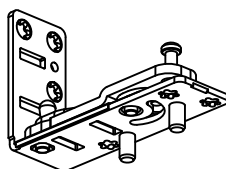
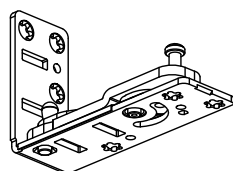
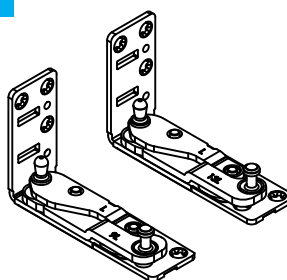


	Article Code	Description	Profile	Qty in Box	Axis	Max. Load Capacity [kg]	
A	V.5833.0L02	HH Pivot Rest 9/L	30 PVC	20	9	80kg	6
	V.5833.0R02	HH Pivot Rest 9/R	30 PVC	20	9	80kg	6
	V.5834.0L02	HH Pivot Rest 13/L	30 PVC	20	13	80kg	6
	V.5834.0R02	HH Pivot Rest 13/R	30 PVC	20	13	80kg	6
B	V.5823.0L02	HH Pivot Rest 9/L	30 Timber-PVC	20	9	100kg	6
	V.5823.0R02	HH Pivot Rest 9/R	30 Timber-PVC	20	9	100kg	6
	V.5824.0L02	HH Pivot Rest 13/L	30 Timber-PVC	20	13	100kg	6
	V.5824.0R02	HH Pivot Rest 13/R	30 Timber-PVC	20	13	100kg	6

A

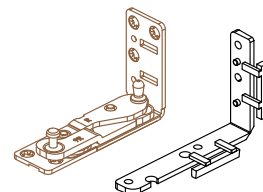
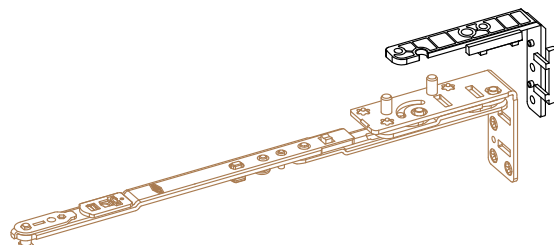


B




Hidden Hinge Frame Hinge Packers

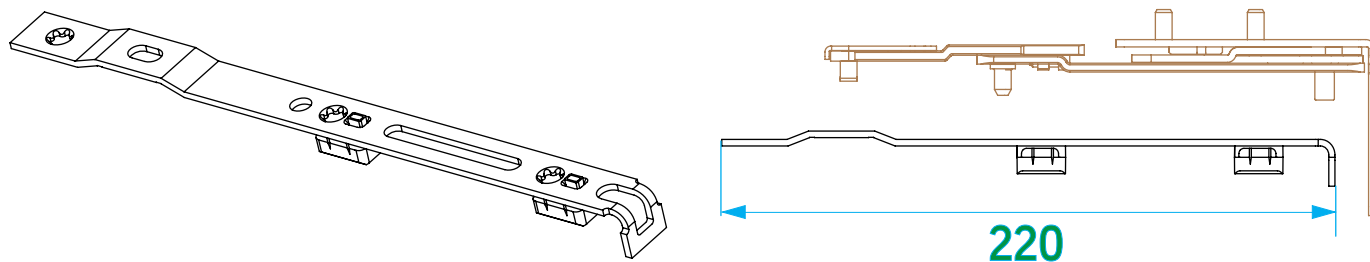
Profile	Description	Article Code	Qty in Box	
Asaşpen	HH Frame Hinge Packers	V.5828.0515	100	
		V.5828.0615	100	
Decauminck	Favorit Favorit Space Bautec Prestige Forward	HH Frame Hinge Packers	V.5828.0715	100
			V.5828.0815	100
	Legend Legend Art Zendow (Plus + Deluxe) Fusion Everest Max	HH Frame Hinge Packers	V.5828.0315	100
			V.5828.0415	100
Gealan	HH Frame Hinge Packers	V.5828.0915	100	
		V.5828.1015	100	
Kömmerling	HH Frame Hinge Packers	V.5828.0515	100	
		V.5828.0615	100	
Rehau	Brillant-Desing Constanta Delight Intelio	HH Frame Hinge Packers	V.5828.0115	100
			V.5828.0215	100
	Blitz Grazio	HH Frame Hinge Packers	V.5828.1315	100
			V.5828.1415	100
Winsa	HH Frame Hinge Packers	V.5828.0315	100	
		V.5828.0415	100	
GU / Master	HH Frame Hinge Packers	V.5828.1115	100	
		V.5828.1215	100	
KBE	Master Gut	HH Frame Hinge Packers	V.5828.1115	100
			V.5828.1215	100
Plafén	C Line T Line	HH Frame Hinge Packers	V.5828.1315	100
			V.5828.1415	100
Veka	HH Frame Hinge Packers	V.5828.1315	100	
		V.5828.1415	100	




Hidden Hinge Turn Only Stay Guide

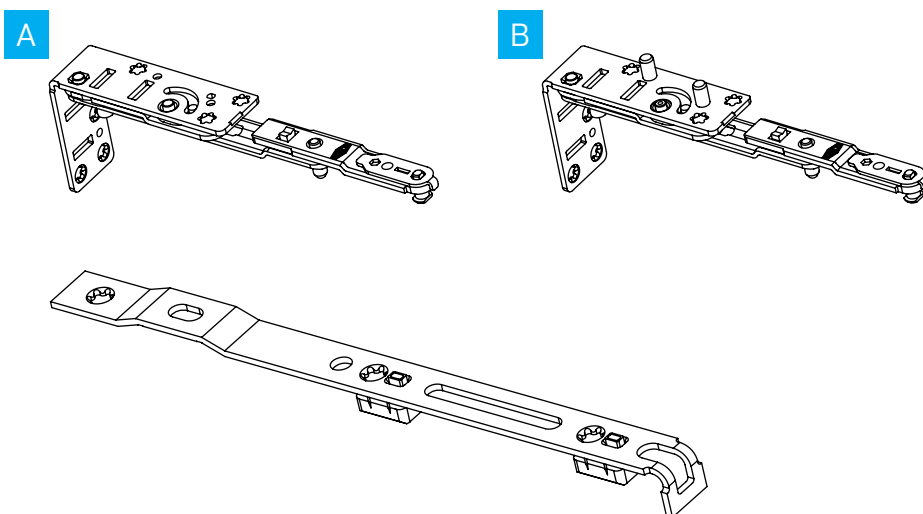


Article Code	Description	Qty in Box	
V.5802.0102	Hidden Hinge Turn Only Stay Guide	10	3




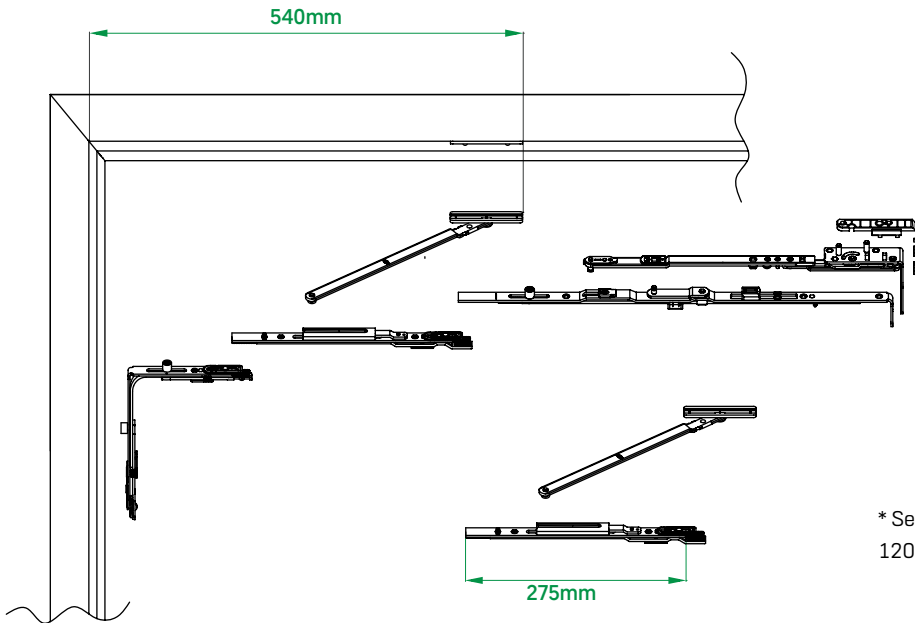
Hidden Hinge Turn Only Stay Arm

	Article Code	Description	Qty in Box	Axis	Max. Load Capacity [kg]	
A	V.5835.0L02	Hidden Hinge Turn Only Stay Arm 9/L	10	9	80	6
	V.5835.0R02	Hidden Hinge Turn Only Stay Arm 9/R	10	9	80	6
	V.5836.0L02	Hidden Hinge Turn Only Stay Arm 13/L	10	13	80	6
	V.5836.0R02	Hidden Hinge Turn Only Stay Arm 13/R	10	13	80	6
B	V.5825.0L02	Hidden Hinge Turn Only Stay Arm 9/L	10	9	100	6
	V.5825.0R02	Hidden Hinge Turn Only Stay Arm 9/R	10	9	100	6
	V.5826.0L02	Hidden Hinge Turn Only Stay Arm 13/L	10	13	100	6
	V.5826.0R02	Hidden Hinge Turn Only Stay Arm 13/R	10	13	100	6



Hidden Hinge Secondary Stay

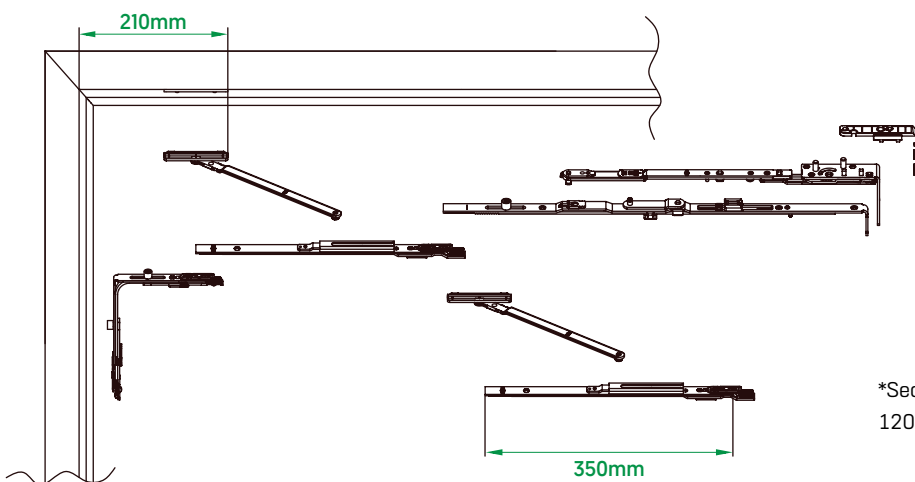
Article Code	Description	Qty in Box	
V.0402.0302	HH Secondary Stay	10	5



* Secondary stay recommended to be used in applications 1200mm width and longer sash.

Hidden Hinge Tilt First Stay

Article Code	Description	Qty in Box	
V.0402.0402	HH Tilt First Stay	10	5




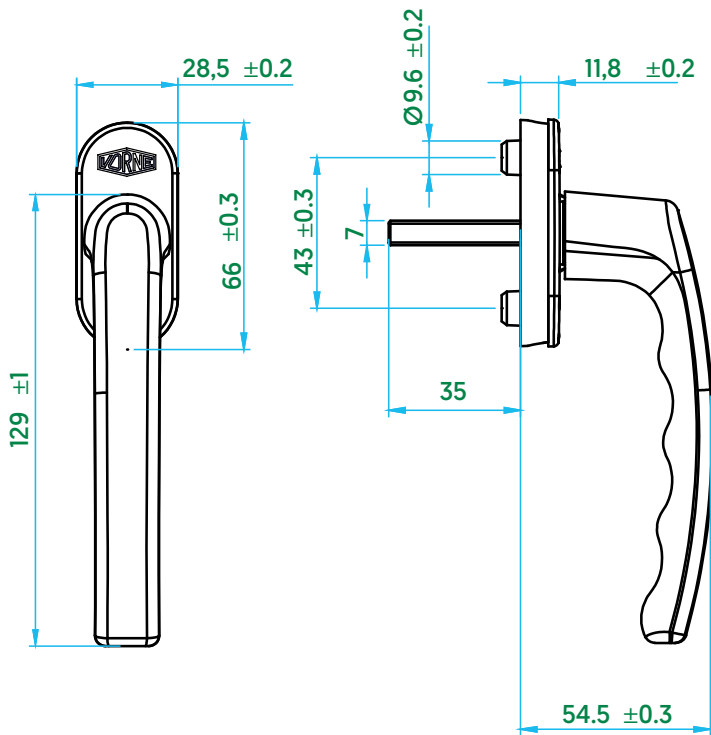
*Secondary stay recommended to be used in applications 1200mm width and longer sash.



Window Handle



Article Code	Description	Position	Spindle Length	
T.0201.01XX	Aluminum Standard Window Handle	4	35	2
T.0202.01XX	Aluminum Standard Window Handle	8	35	2
T.0203.01XX	Aluminum Standard Window Handle (With Out Logo)	8	35	2



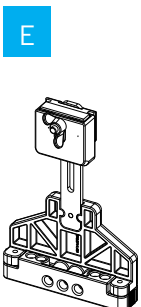
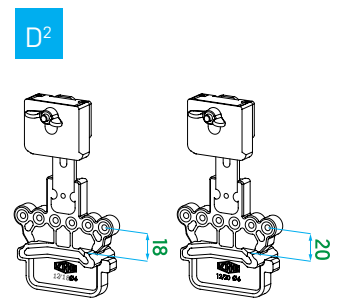
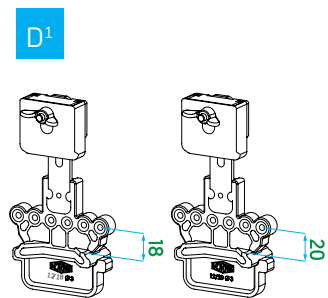
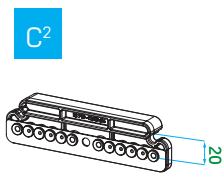
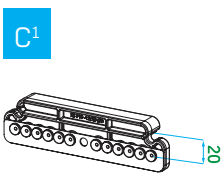
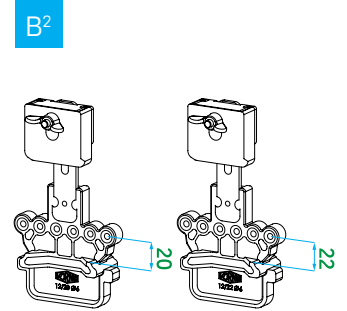
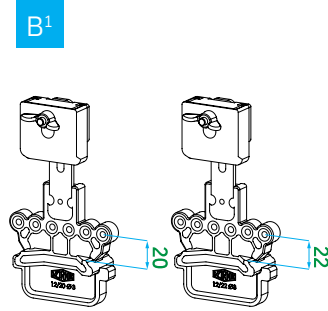
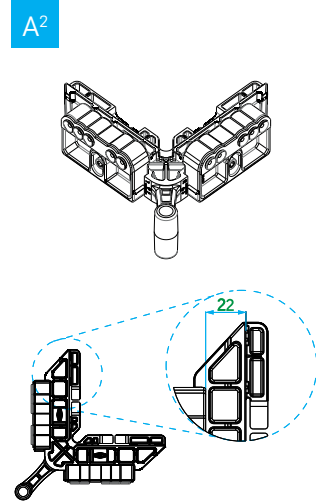
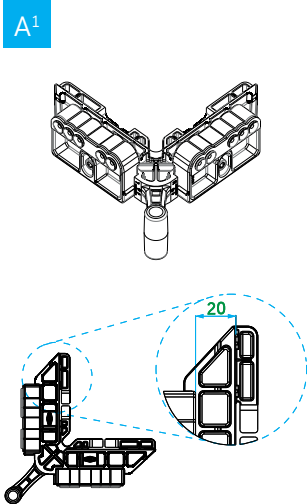
XX	Handle Colors
00	Naturel
07	White RAL 9016
08	Brown RAL 8022
10	Silver RAL 7035
11	Gold
12	Bronze
16	Black RAL 9005
18	Titan
19	Cream RAL 1013
21	Orange Brown RAL 8003
22	Çikolata Kahve RAL 8017
23	Grey Brown RAL 8019
32	Anthracite Grey RAL 7016
33	Simli Gri RAL BONG 90

Jigs & Tools

Assembly Jigs



	Article Code	Description
A ¹	V.5003.0114	Vorne Sash Assembly Jigs 12/20 Ø3mm
A ¹	V.5003.0214	Vorne Sash Assembly Jigs 12/20 Ø3mm
A ²	V.5003.0314	Vorne Sash Assembly Jigs 12/22 Ø3mm
A ²	V.5003.0414	Vorne Sash Assembly Jigs 12/22 Ø6mm
B ¹	V.5004.0514	Vorne Frame Assembly Jigs 12/20-22 Ø3mm
B ²	V.5004.0614	Vorne Frame Assembly Jigs 12/20-22 Ø6mm
C ¹	V.5004.0714	Vorne Frame Assembly Jigs 12/20 Ø3mm
C ²	V.5004.0814	Vorne Frame Assembly Jigs 12/20 Ø6mm
D ¹	V.5004.0314	Vorne Frame Assembly Jigs 12/18-20 Ø3mm
D ²	V.5004.0414	Vorne Frame Assembly Jigs 12/20-22 Ø6mm
E	V.5010.0114	90 mm Turn Only Hinge Jig

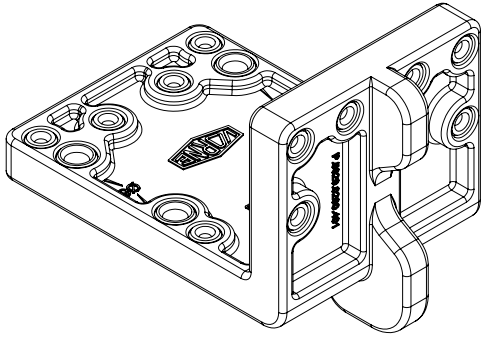


Assembly Jigs

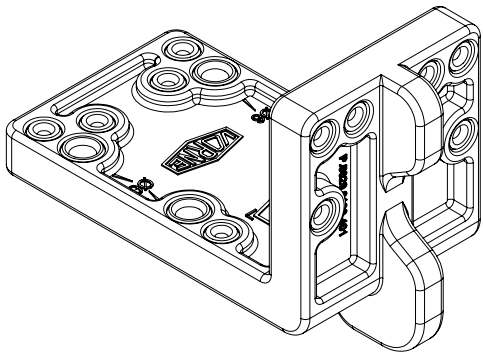
Hidden Hinge

	Article Code	Description
A	V.5829.0114	HH 24 Assembly Jigs
B	V.5829.0214	HH 30 Assembly Jigs

A



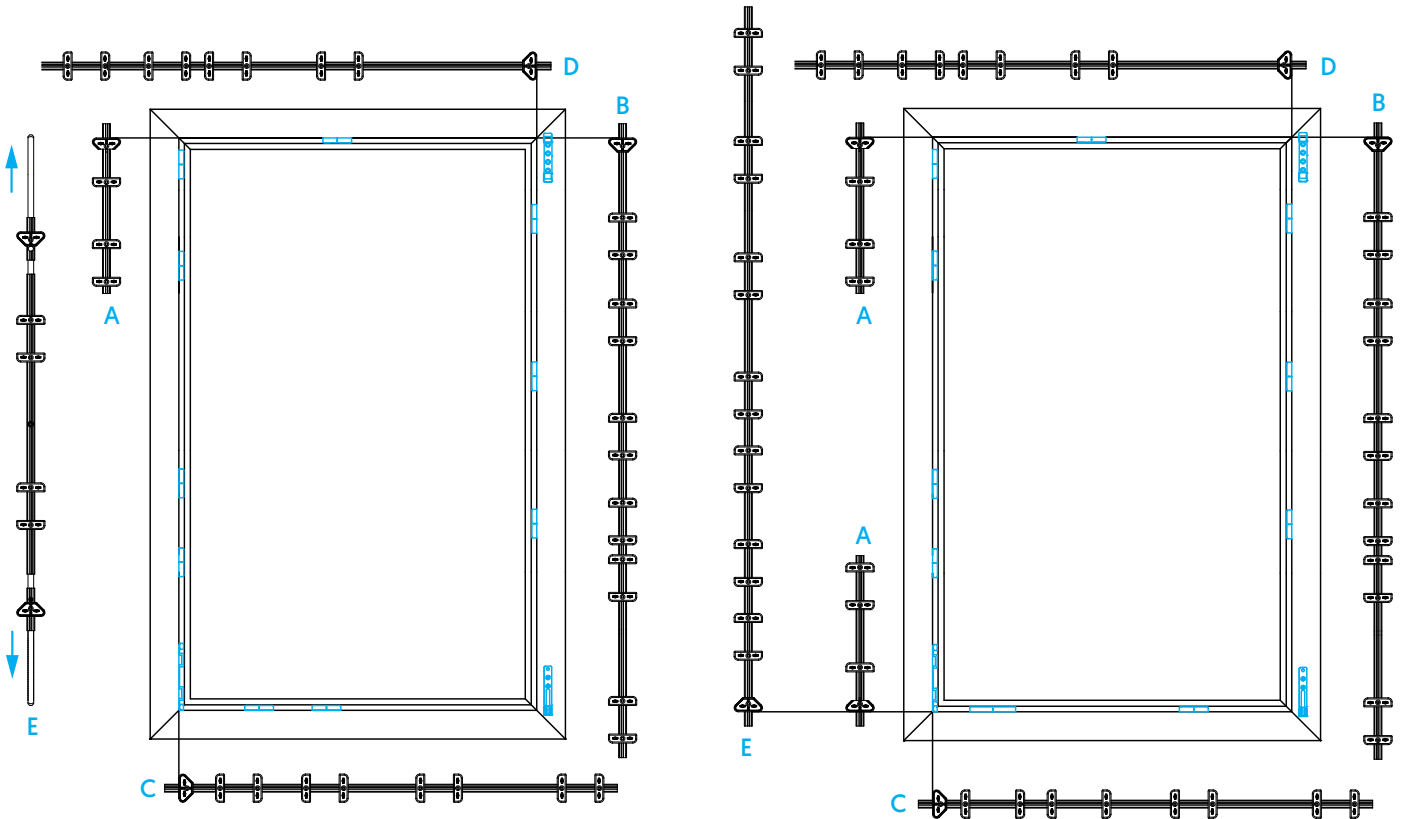
B



Striker Jigs

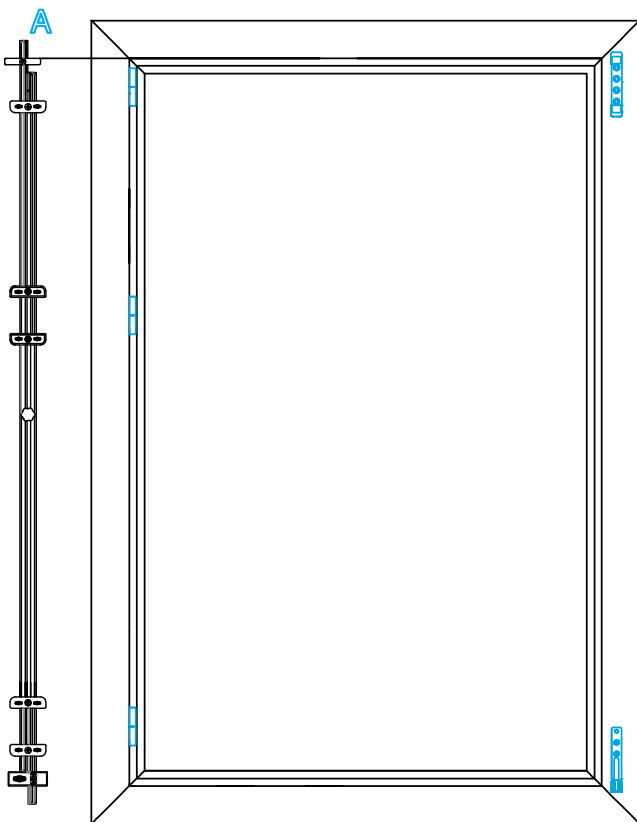


	Article Code	Description
A	V.5001.0103	Corner Slider
	V.5002.0103	YDK and GHK Striker Jigs
B	V.5401.0103	Center Locking (Vertical) 800-2200
	V.5404.0103	Center Locking Security (Vertical) 1900-2400
C	V.5402.0103	Center Locking (Horizontal) 800-1700
	V.5403.0103	Center Locking Security (Horizontal) 800-1700
D	V.5301.0103	T&T Stay 600-1600
E	V.5101.0103	Variable Gear 700-1400
	V.5102.0103	Variable Gear 1200-2200
	V.5106.0103	KYO Gear Striker Jigs (2400)
	V.5201.0103	Constant Gear 480-2350
	V.5103.0103	KYO Gear Turn Only Bottom/Top Locking Striker Jigs (700-1400)
	V.5104.0103	KYO Gear Turn Only Bottom/Top Locking Striker Jigs (1200-2200)
	V.5009.0100	Center Rotation Jigs
	V.5009.0203	Center Rotation Jigs (1000-2200)



Turn Only System Striker Jigs

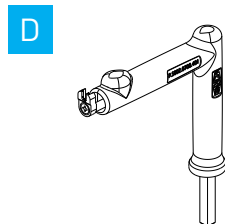
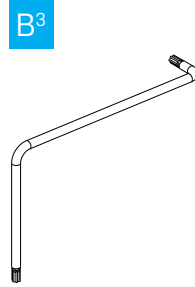
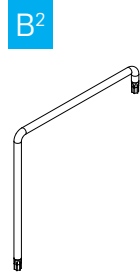
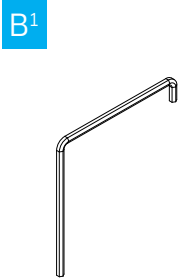
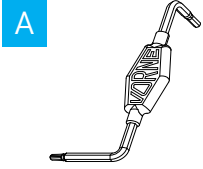
Article Code	Description	Gear Code
V.5110.0103	Turn Only Gear Jig	V.0102.0102
V.5110.0203	Turn Only Gear Jig	V.0102.0202
V.5110.0303	Turn Only Gear Jig	V.0102.0302
V.5110.0403	Turn Only Gear Jig	V.0102.0402
V.5110.0503	Turn Only Gear Jig	V.0102.0502
V.5110.0603	Turn Only Gear Jig	V.0102.0602
V.5110.0703	Turn Only Gear Jig	V.0102.0702
V.5110.0903	Turn Only Gear Jig	V.0102.0902
V.5110.1103	Turn Only Gear Jig	V.0102.1102
V.5110.1203	Turn Only Gear Jig	V.0102.1202
V.5110.1203	Turn Only Gear Jig	V.0102.1302



Assembly Assistive Tools



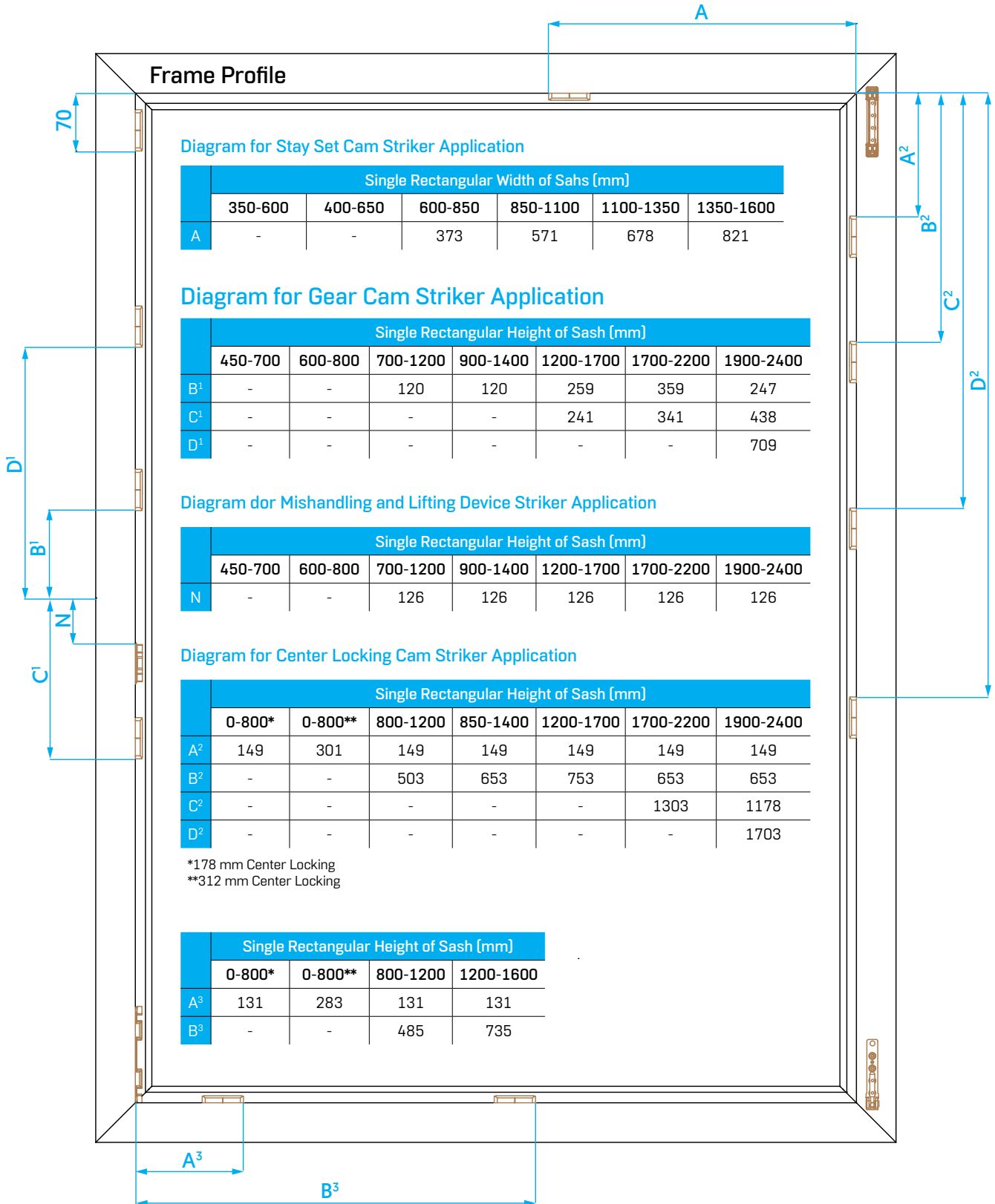
	Ürün Kodu	Description
A	V.5002.0514	Vorne Allen Key (4mm- T25 Torqs)
B ¹	V.5002.0902	Allen Key
B ²	V.5002.1002	Allen Key (T25 Torqs)
B ³	V.5002.1102	Allen Key (T20)
B ⁴	V.5002.1202	Allen Key (T25 Torqs)
C ¹	V.5002.0800	Vorne Pneumatic Cropping Tool
C ²	V.5002.0300	Cutting Tool
D	V.5002.0700	Pin Remover



General Informaiton

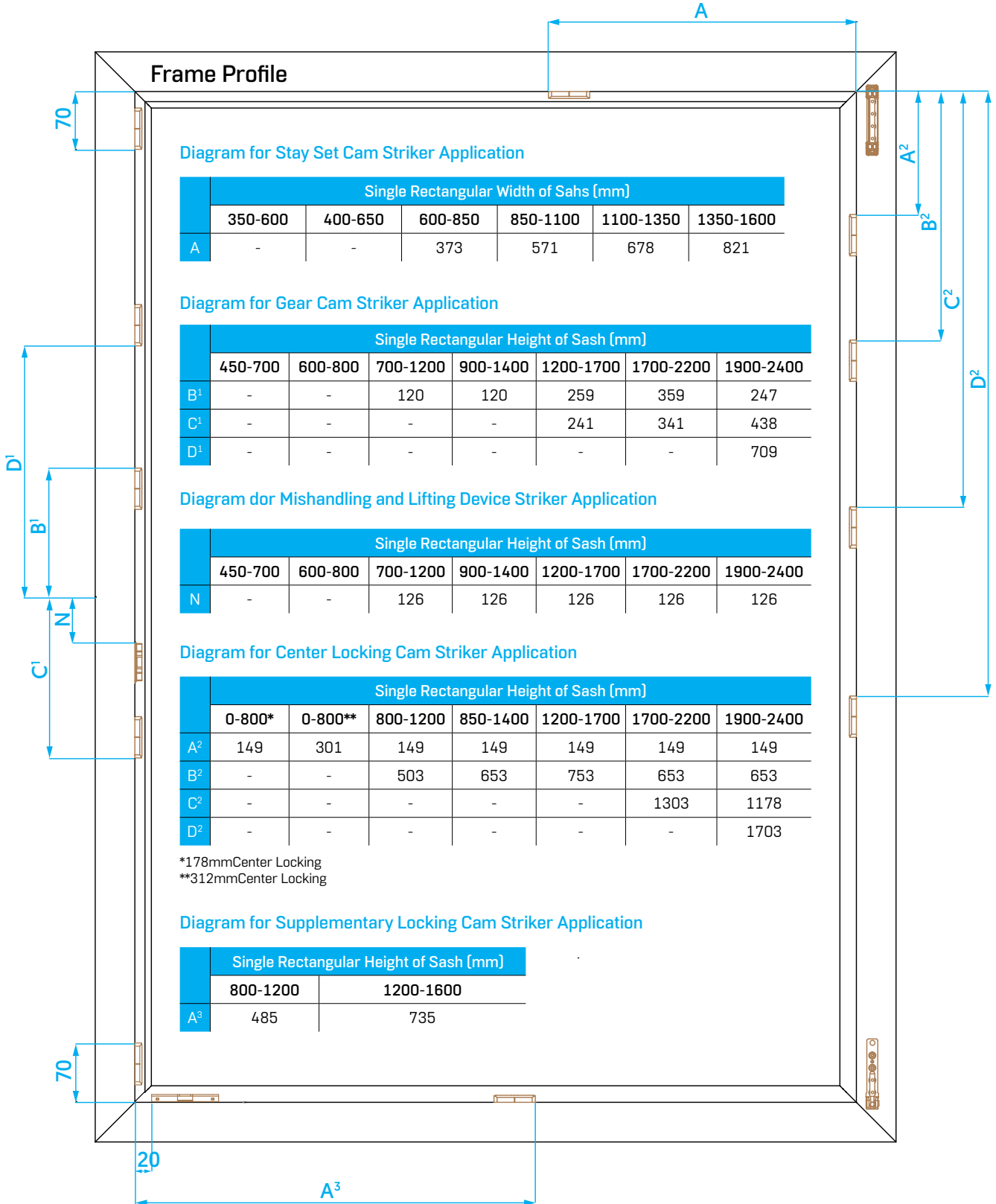
Striker Application

Stiker Application Diagram for Variable Tilt & Turn



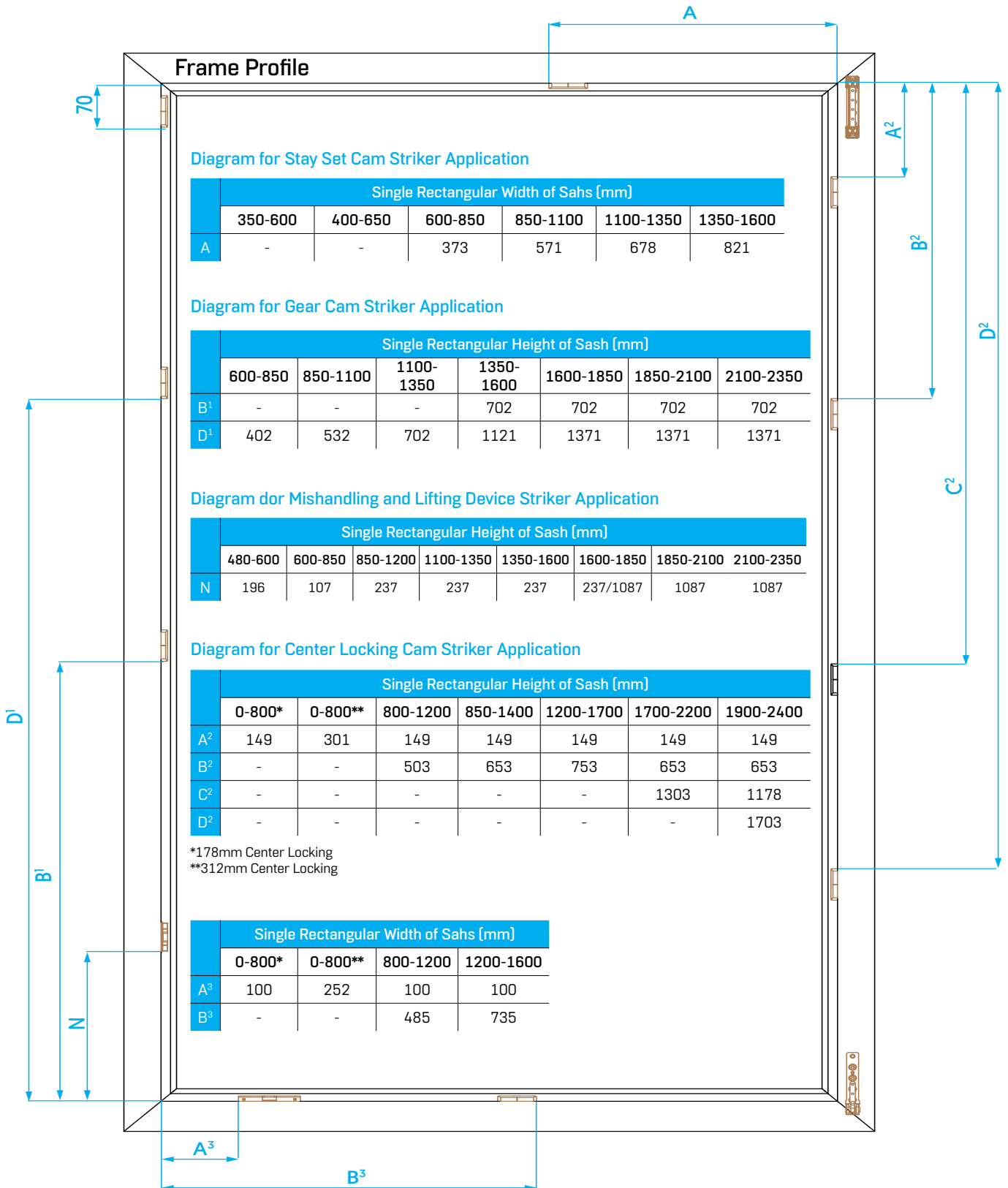
Striker Application

Striker Application Diagram for Variable Tilt & Turn / Security



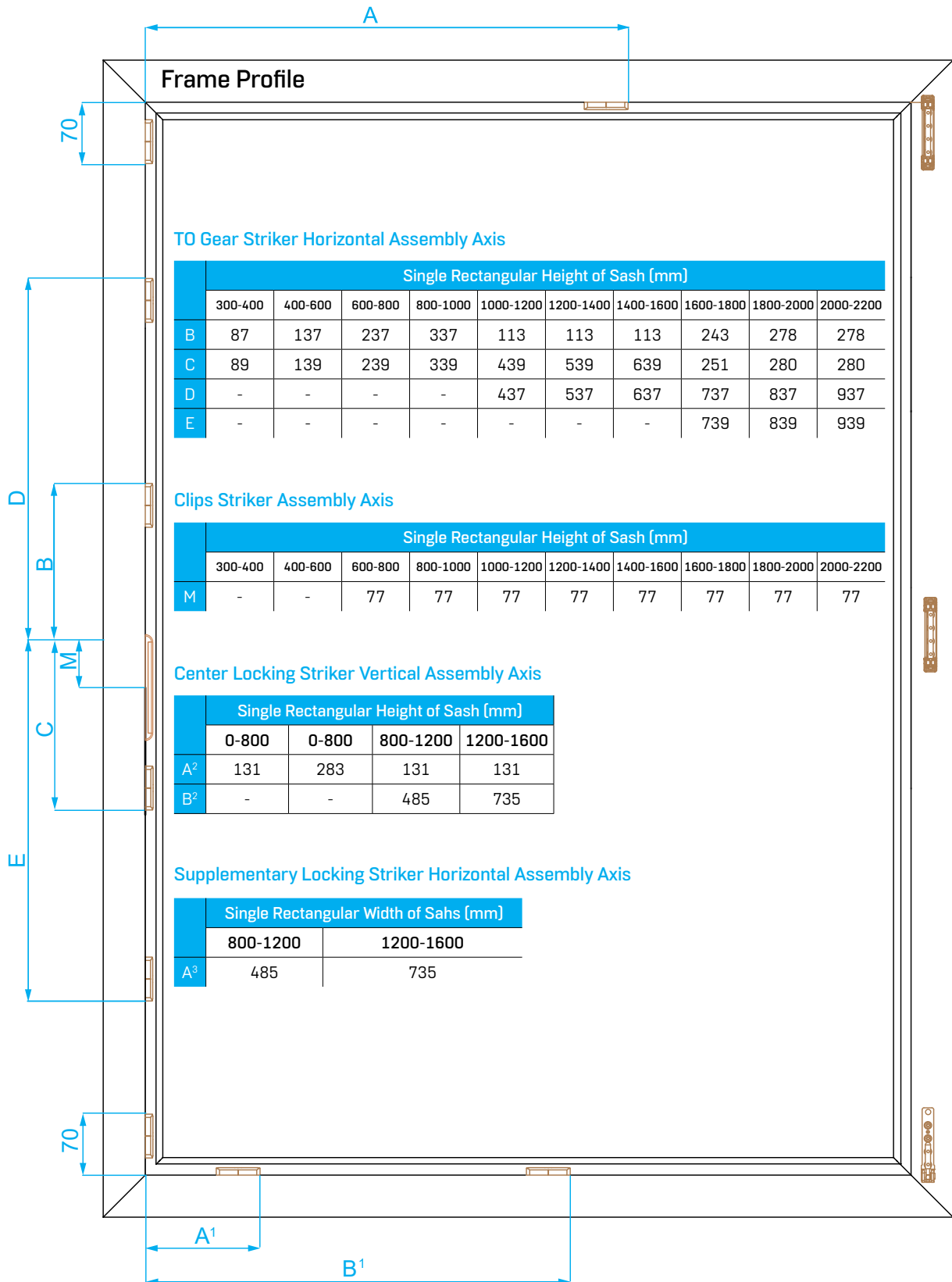
Striker Application

Striker Application Diagram for Constant Tilt & Turn



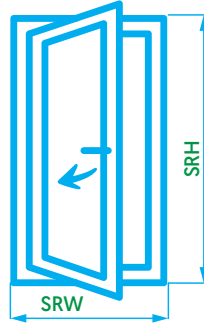
Striker Application

Striker Application Diagram for Turn Only

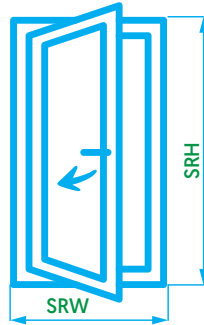
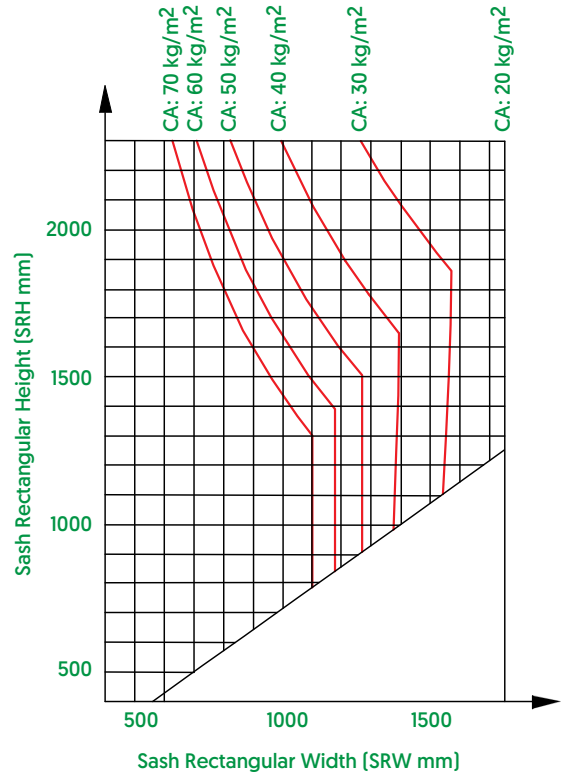


Diagram

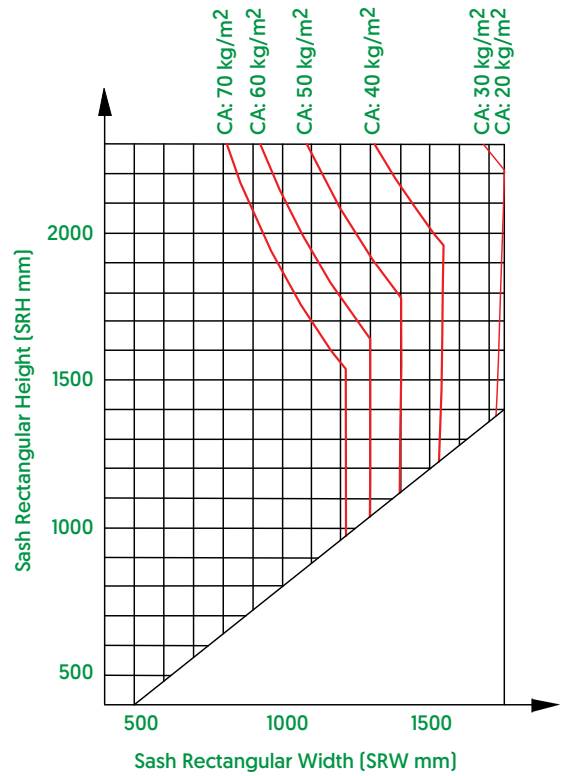
Turn Only System



max. Sash Weight 100 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

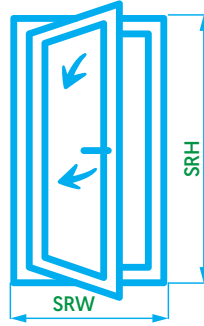


max. Sash Weight 130 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

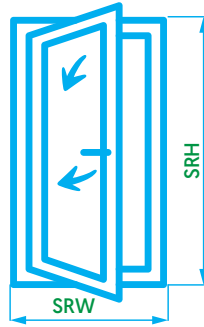
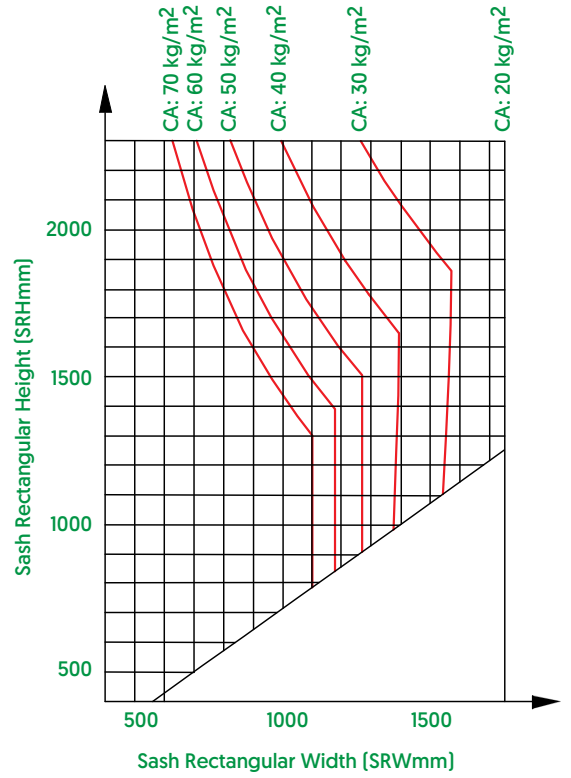


Diagram

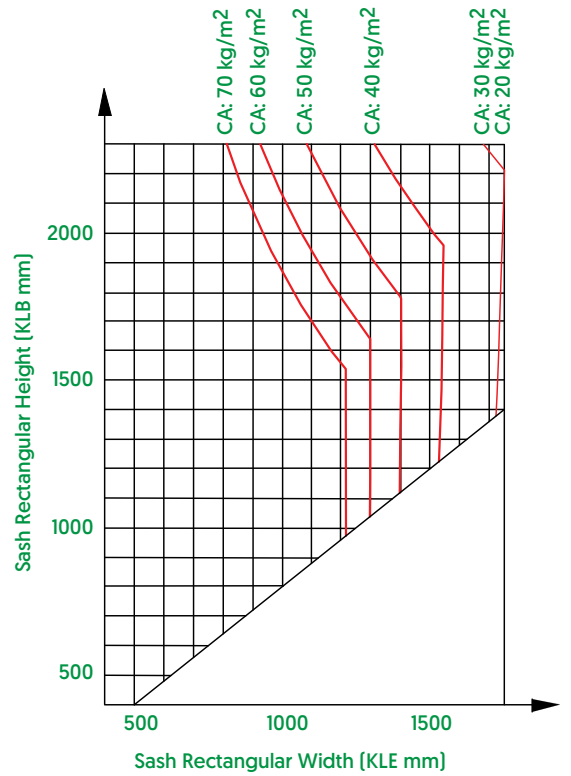
Tilt & Turn System



max. Sash Weight 100 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

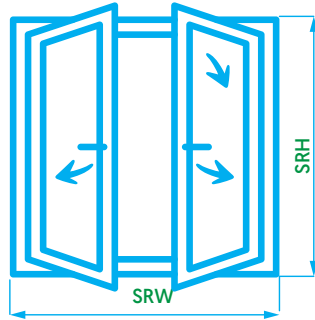


max. Sash Weight 130 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

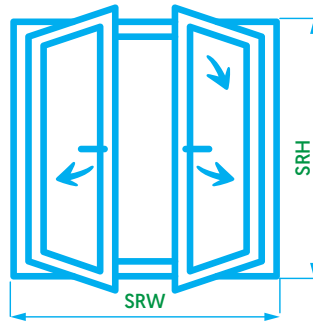
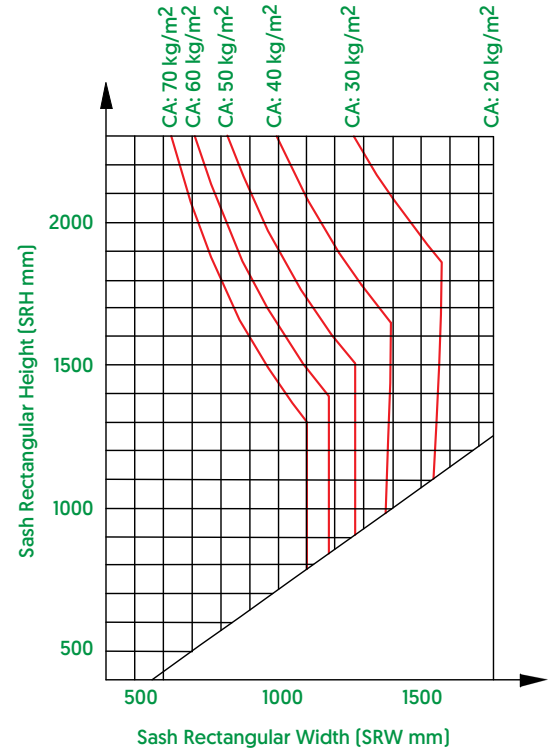


Diagram

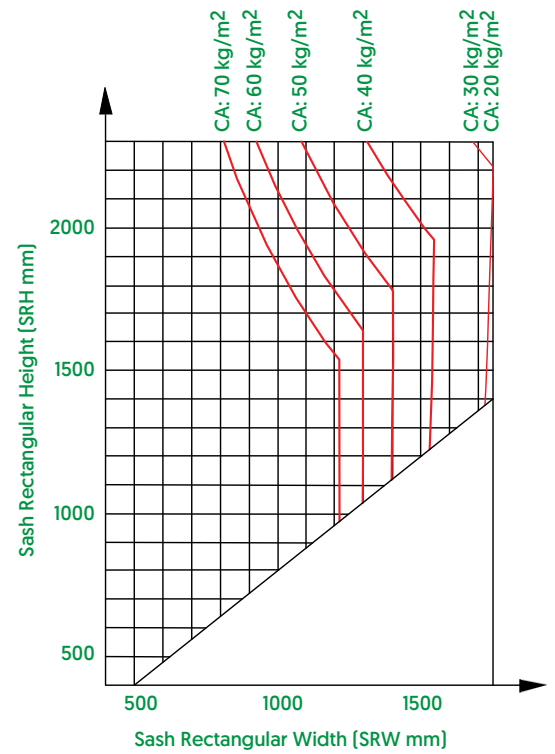
Double Sash System



max. Sash Weight 100 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

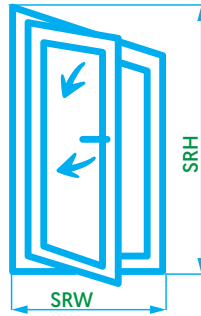


max. Sash Weight 130 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

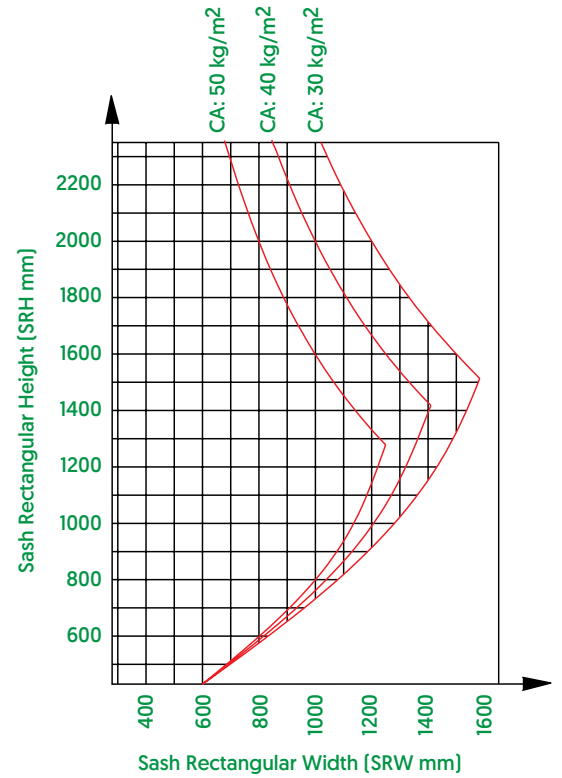


Diagram

Pitched Window

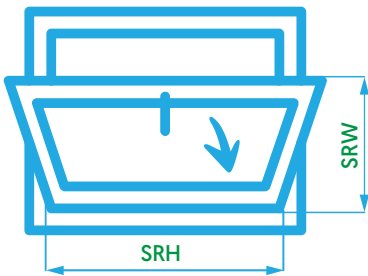


max. Sash Weight 80 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh

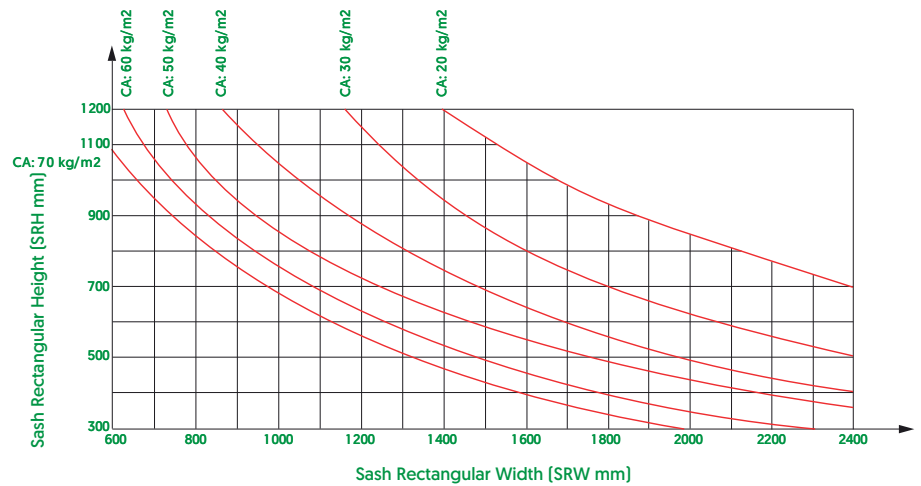


Diagram

Tilt Stay System

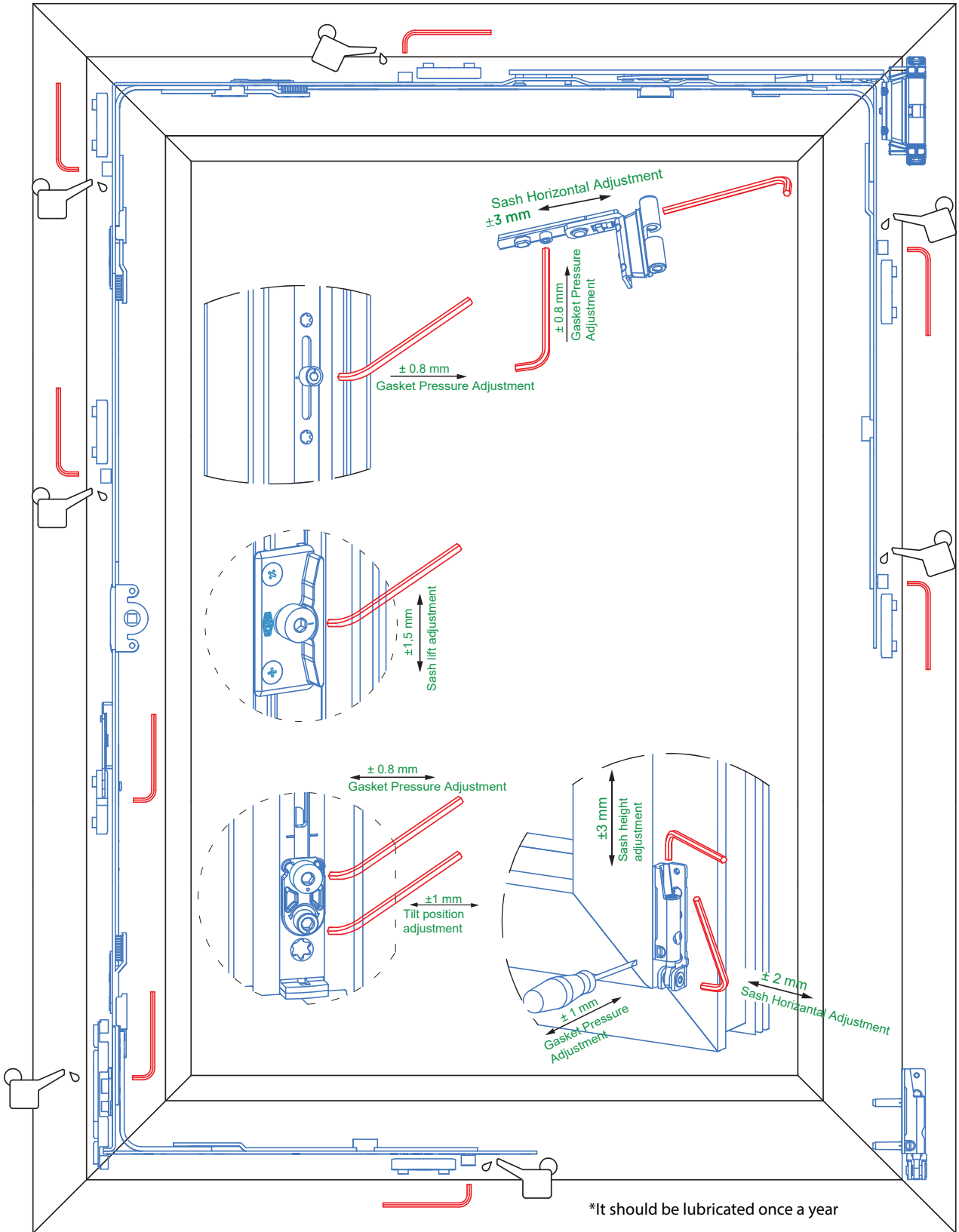


max. Sash Weight 50 kg
 1mm/m² Glass Thickness = 2,5 kg
 GW = Glass Weigh



Maintenance & Settings

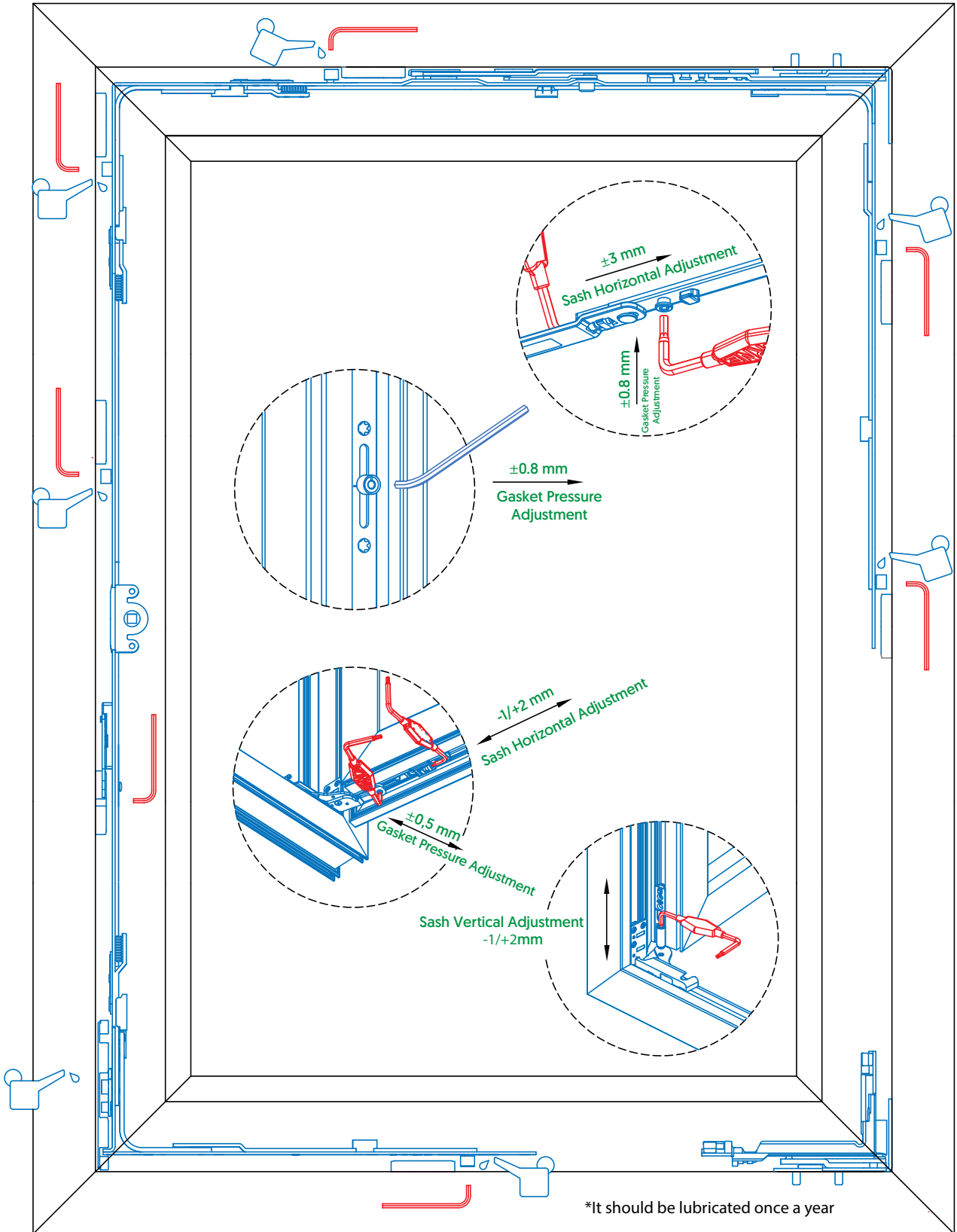
Tilt & Turn System



*It should be lubricated once a year

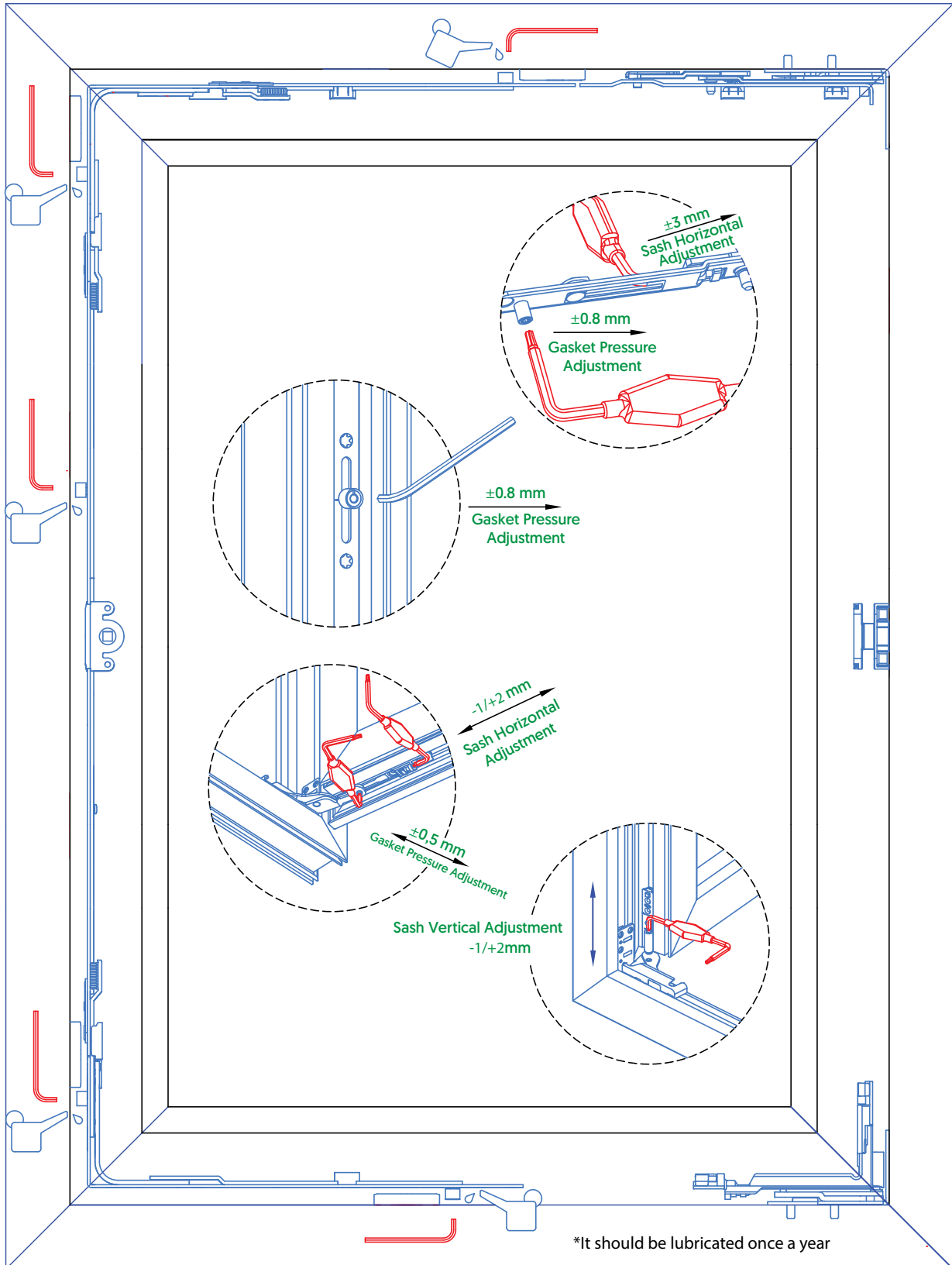
Maintenance & Settings

Hidden Hinge Tilt & Turn System



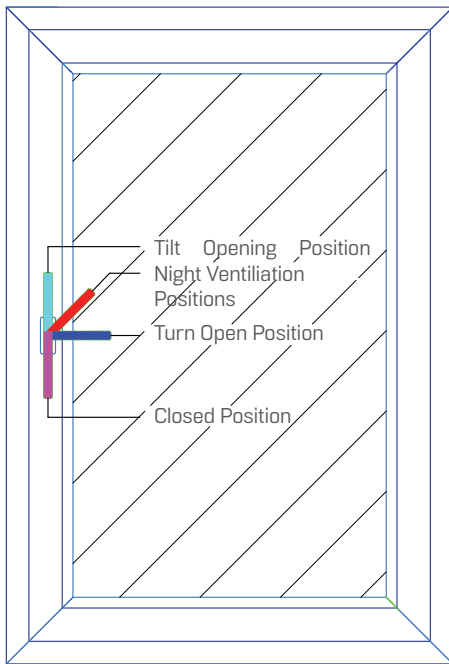
Maintenance & Settings

Hidden Hinge Turn Only System



Application Manual

Handle Positions



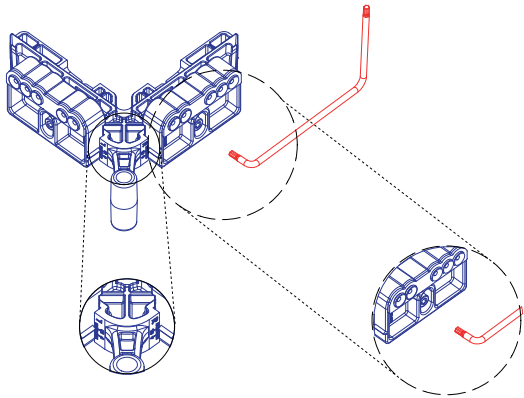
Handle Positions

Vorne Tilt & Turn System has a compatible mishandling and lifting device. When the handles movement is impeded, please do not force to open the window.

For use the night ventilation part, therefore needs following parts: window handle with 8 steps, striker for night ventilation and special corner slider.

Application Manual

Jig User Guide



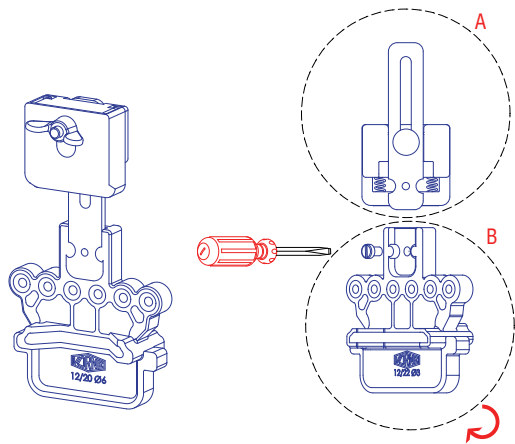
Jig for Sash Application 12/20-22 Ø3 or 12/18-20-22 Ø6

The jig for sash application will be send in 13mm position. When the profile axis is 9mm, please adjust and change the position. (see picture)
Please use a 4mm size allen key.

Otherwise there is a tolerance +/- 2mm for another axis size.

For the mounting of the 2 corner hinge size 3 and 6 are also 2 sizes 3 and 6 jigs.

In addition to this sash application jig able to use for 18, 20 and 22 sash overlap without adjustment.

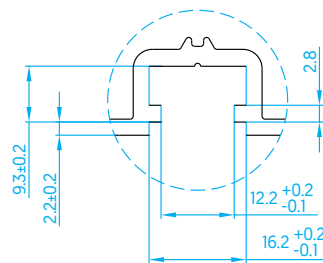
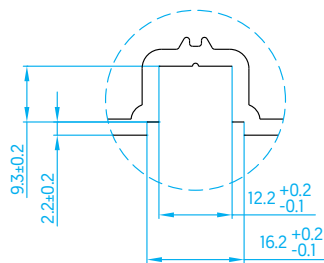
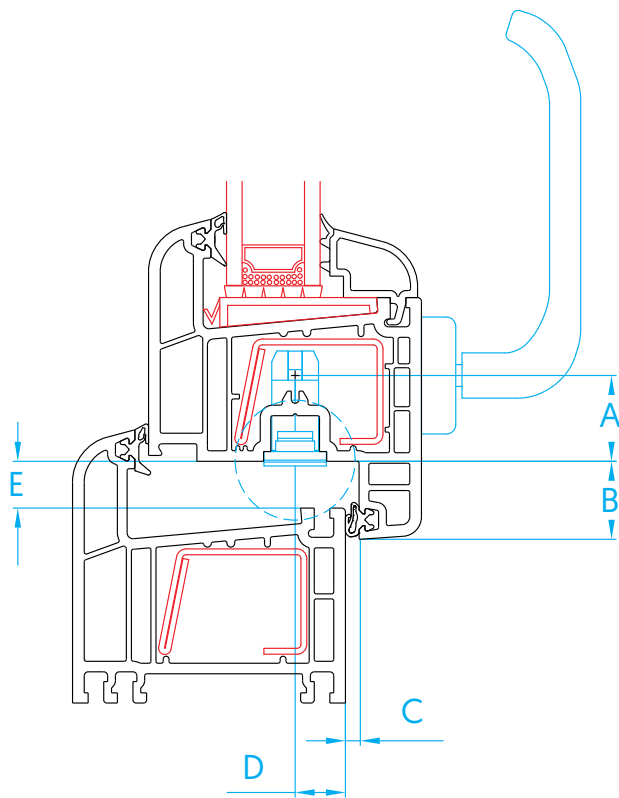


Frame Hinge Jig 12/20-22 Ø3 or 12/18-20-22 Ø6

To set the frame application jig from 20mm overlap to 22mm; remove the M5 screw, after than turn the main part 'B' 180°, finally fix the M5 screw. By doing this you will get the frame application jig for 22mm overlap.

Assembly Applications

PVC Profile Section Information



The gasket pressure height must have the tolerance between 3 - 3,5 mm like in the drawing. When the height is higher than 3,5 mm, the working of the system will be more difficult.

Different Profile brands have different axis [Euro Groove]. The chosen hinge must be compatible with the Profile axis [9 or 13 mm]. In the contrary case could be seen technical problems.











The rebate clearance between sash and frame should be 12 mm. When the rebate clearance is less 12 mm, so could be seen technical problems

A	Backset	7.5 - 15.5 - 20 - 22 - 25 - 30 - 35 - 40 mm
B	Sash Overlap	18 - 20 - 22 mm
C	Gasket Thickness	3 - 3.5 mm
D	Axis	9 - 13 mm
E	Rebate Clearance	12 mm

PVC Striker List

PVC Striker List











Window Set (PVC)

Profile	Profile Series	Axis	Material										
Profile	Profile Series	Axis	Material	Striker	Tilt Striker Plate	Horizontal Tilt Striker Plate	Security Cam Striker	Mini Ventilation Strikers	Shootbolt Striker	Adjustable Shootbolt Striker	Mishandling and Lifting Device Striker	Adjustable Ventilation Striker	Tilt First Tilt Striker Plate
Adopen	Atlantik	13	PVC	V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Akdeniz			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102		V.3002.0102	V.3020.0302	V.2701.0102	-	-
	70mm			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	532 (Wintech)			V.2501.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	632 (Wintech)			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	642 (Wintech)			V.2504.0102	V.2202.0102	V.3212.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Akansupen	Ekonomik	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	58mmLüx			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Akapen	Süper Vega	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	Avantaj			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	Vega			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
Alphacan	System MD	13	PVC	V.2510.0102	-	V.3215.0102	-	-	-	V.3020.0302	-	-	-
	System Master			V.2511.0102	-	V.3216.0102	-	-	-	V.3020.0302	-	-	-
Alfapen	Armada	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	-
Aluplast	IDEAL 2000 AD 60	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	IDEAL 4000 AD 70			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	IDEAL 5000 MD 70			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	IDEAL 6000 MD 80			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	IDEAL 7000 AD 80			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Artplast	70mmAD	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
Asaş	6000 Süper	9	PVC	V.2608.0102	V.2308.0102	-	-	-	-	V.3020.0302	-	-	-
	5200 Bahar			V.2608.0102	V.2308.0102	-	-	-	-	V.3020.0302	-	-	-
	6000 Hayat			V.2608.0102	V.2308.0102	-	-	-	-	V.3020.0302	-	-	-
	Maxi Royal	13		V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Maxi Plus			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
Birpen		13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Blick		9	PVC	V.2603.0102	V.2303.0102	-	-	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0102	V.3609.0102	-
Brügman AD/MD	73mm	13	PVC	V.2504.0102	V.2303.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Cankarpen		13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
Cortizo		13	PVC	V.2502.0102	V.2201.0102	V.3207.0102	V.3406.0102	-	-	V.3020.0302	-	-	-
Decco	60mm	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	70mm			V.2502.0102	V.2201.0102	V.3214.0102	V.3413.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	
	82mm			V.2502.0102	V.2201.0102	V.3227.0102	V.3413.0102	V.3610.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	
Dimex	Komfort 6.0	13	PVC	V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Contour 7.0 AD			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Contour 7.0 MD			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Elegance 8.0 AD			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Elegance 8.0 MD			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Dino	58mm	9	PVC	V.2602.0102	V.2302.0102	-	-	-	V.3102.0102	V.3020.0302	-	-	-
Durupen		13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Egepen	Zendow 70	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	Everest Max			V.2601.0102	V.2301.0102	-	-	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	-
	Everest 8848	9		V.2601.0102	V.2301.0102	-	-	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	-
	Everest Image			V.2601.0102	V.2301.0102	-	-	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	-

PVC Striker List

Window Set (PVC)



Profile	Profile Series	Axis	Material										
Profile	Profile Series	Axis	Material	Striker	Tilt Striker Plate	Horizontal Tilt Striker Plate	Security Cam Striker	Mini Ventilation Strikers	Shootbolt Striker	Adjustable Shootbolt Striker	Mishandling and Lifting Device Striker	Adjustable Ventilation Striker	Tilt First Tilt Striker Plate
Enderpen	Klasline 70	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Ultravizyonline			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Vizyonline 62			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Masterline 56			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Erpen	Extraline 54	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Smartline 62			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Combiline 72			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Multiline 82			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Euroline	S58 Comfort	13	PVC	V.2516.0102	V.2223.0102	V.3224.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	S60 Luxe			V.2516.0102	V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	S60 Deluxe			V.2516.0102	V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	S70 Deluxe			V.2516.0102	V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Europen	Dorlion Serisi 71	13	PVC	V.2516.0102	V.2223.0102	V.3224.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Fiesta 53			V.2516.0102	V.2223.0102	V.3224.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Elite Serisi 59	9		V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	Light Serisi 59			V.2603.0102	V.2303.0102	V.3301.0102	V.3501.0102	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Firatpen	S 70	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	S 75			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	S 80			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	Selenit 75	13		V.2516.0102	V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0102	V.2701.0102	-	V.3217.0X02
Elegance 80	V.2516.0102		V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0102	V.2701.0102	-	V.3217.0X02		
Redonit 85	V.2516.0102		V.2223.0102	V.3225.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0102	V.2701.0102	-	V.3217.0X02		
Filpen	Altın 60 Serisi	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Altın 70 Serisi			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Altın 80 Serisi			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Flashpen	Diamond Serisi 70	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Altın Serisi 58			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Turquoise Serisi 58			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Gealan	S 3000 IQ 62mm	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	S 7000 IQ 74mm			V.2502.0102	V.2201.0102	V.3209.0102	V.3409.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	S 8000 IQ 74mm			V.2507.0102	V.2211.0102	V.3221.0102	V.3421.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Gruber	60mm	13	PVC	V.2502.0102	V.2201.0102	V.3214.0102	V.3413.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	70mm			V.2502.0102	V.2201.0102	V.3214.0102	V.3413.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Günelpen	Azalea	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Inoutic (Thyssen)	AD I 60	13	PVC	V.2501.0302	V.2205.0x02	V.3201.0102	V.3401.0102	V.3601.0102	V.3001.0102	V.3020.0302	V.2703.0102	V.3607.0102	V.3217.0X02
	Elite-Arcade AD-MD I 71			V.2501.0402	V.2205.0x02	V.3201.0102	V.3401.0102	V.3601.0102	V.3001.0102	V.3020.0302	V.2703.0102	V.3607.0102	V.3217.0X02
	Prestige AD-MD I 76			V.2501.0302	V.2205.0x02	V.3201.0102	V.3401.0102	V.3601.0102	V.3001.0102	V.3020.0302	V.2703.0102	V.3607.0102	V.3217.0X02
	Eforte			V.2501.0302	V.2205.0x02	V.3222.0102	V.3401.0102	V.3601.0102	V.3001.0102	V.3020.0302	V.2703.0102	V.3607.0102	V.3217.0X02
				V.2501.0302	V.2205.0x02	V.3222.0L02	V.3401.0102	V.3601.0102	V.3001.0102	V.3020.0302	V.2703.0102	V.3607.0102	V.3217.0X02
İnterpen	İnterline	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	Artline			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Kalpen	K-6000 60	13	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3217.0X02
	K-9000 65			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	K-1000 58	9		V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	K-1300 52			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Karpen	Bayındır 60	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Yağmur 60			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Kale 71			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02

PVC Striker List











Window Set (PVC)

Profile	Profile Series	Axis	Material	Striker	Tilt Striker Plate	Horizontal Tilt Striker Plate	Security Cam Striker	Mini Ventilation Strikers	Shootbolt Striker	Adjustable Shootbolt Striker	Mishandling and Lifting Device Striker	Adjustable Ventilation Striker	Tilt First Tilt Striker Plate	
KBE	System 70	13	PVC	V.2507.0102	V.2208.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	System 70 MD			V.2507.0102	V.2208.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	58mm	9		V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02	
Kompen	Kom200 Superline 58	9	PVC	V.2604.0102	V.2304.0102	-	-	-	-	-	-	-	-	
	Kom300 Megaline 58 MD			-	-	-	-	-	-	-	-	-	-	-
	Kom500 Starline 47			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02	
	Kom600 Thermoline 61	13		V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	Kom700 Primeline 61			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-	
	Kom900 Serisi 71			-	-	-	-	-	-	-	-	-	-	-
Kömerling	Classic AD 70	13	PVC	V.2502.0102	V.2201.0102	V.3207.0102	V.3406.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	Classic MD 70			V.2502.0102	V.2201.0102	V.3207.0102	V.3406.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	Elegance AD 70			V.2502.0102	V.2201.0102	V.3207.0102	V.3406.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	MD 80			V.2502.0102	V.2201.0102	V.3207.0102	V.3406.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	58mm			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
Laouman		9	PVC	V.2603.0102	V.2303.0102	V.3303.0102	V.3503.0102	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0102	V.3609.0102	-	
LB. Profile	Compact 60 AD	13	PVC	V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-	
	Contour 70 AD			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-	
Meeth	60mm	9	Dolgu	V.2605.0102	V.2305.0102	-	-	-	V.3105.0102	V.3020.0302	V.2803.0102	-	-	
Mywin	S-624 Serisi	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	S-705 Serisi			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
Naturel	5400 Opal Seri 54	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	6000 Truva Seri 60			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	6400 Atlas Seri 60			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
	7000 Safir Seri 70			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
Özenişpen	Elit	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02	
	Light			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02	
Pakpen	P2000 58	9	PVC	V.2604.0102	V.2304.0102	-	-	-	V.3104.0102	V.3020.0302	V.2802.0102	-	-	
	Universal 58 AD/MD			V.2604.0102	V.2304.0102	-	-	-	V.3104.0102	V.3020.0302	V.2802.0102	-	-	
	Optimal 72 MD	13		V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	Rival 72			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	Global 60			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
Oval 58	9	V.2604.0102	V.2304.0102	-	-	-	V.3104.0102	V.3020.0302	V.2802.0102	-	-			
Parplast	PR-6032 Serisi	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-	
	PR-6042 Serisi			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02	
Penextra		9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02	

PVC Striker List

Window Set (PVC)



Profile	Profile Series	Axis	Material										
Profile	Profile Series	Axis	Material	Striker	Tilt Striker Plate	Horizontal Tilt Striker Plate	Security Cam Striker	Mini Ventilation Strikers	Shootbolt Striker	Adjustable Shootbolt Striker	Mishandling and Lifting Device Striker	Adjustable Ventilation Striker	Tilt First Tilt Striker Plate
Pensa	Bonus 60	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Premier 65			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Sila 60			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Sila 50			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Ultra 70			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Avantaj 50			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Lux 60			V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Deluxe 60			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Pentec	Time 6004 60	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Pentime	60mm	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Pimapen	S-7500 Fantasia AD/MD	13	PVC	V.2506.0102	V.2204.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3005.0102	V.3020.0302	V.2704.0102	V.3609.0102	V.3217.0X02
	S-7000 Maximus			V.2506.0102	V.2204.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3005.0102	V.3020.0302	V.2704.0102	V.3609.0102	V.3217.0X02
	S-7000 Horizon			V.2506.0102	V.2204.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3005.0102	V.3020.0302	V.2704.0102	V.3609.0102	V.3217.0X02
	S-6000 Quadro			V.2506.0102	V.2204.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3005.0102	V.3020.0302	V.2704.0102	V.3609.0102	V.3217.0X02
Pimaş (DWT)	5400	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	6000			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Plafen	60mm	13	PVC	V.2507.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Plasco		13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Plaspen	P 80 Serisi	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P750 Serisi			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P433 Serisi	9		V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	P430 Serisi			V.2603.0102	V.2303.0102	V.3303.0102	V.3503.0102	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0103	V.3609.0102	V.3317.0X02
Plastline	Seri A3	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Seri A4			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Seri A5			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Plaswin	PW 60mm	13	PVC	V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	PW 70mm			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Polipen	P603A	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P603E			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P604A			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P604E			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	P7060			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Profeles	60mm	9	PVC	V.2603.0102	V.2303.0102	V.3303.0102	V.3503.0102	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Prokal	58mm	13	PVC	V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	70mm			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Proline	PRO5003	9	PVC	V.2603.0102	V.2303.0102	V.3303.0102	V.3503.0102	V.3703.0102	V.3103.0102	V.3020.0302	V.2801.0102	V.3609.0102	-
Proline	PRO6004 PRO7005	13	PVC	V.2513.0102	V.2224.0102	V.3226.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Propen	PRD 60mm	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	PRD 70mm			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	PRD 80mm			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
Ramplast	Eco Classic 60 MD	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
	Eco Therm 60 AD			V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	V.3609.0102	V.3317.0X02
Rehau	Brillant-Design AD 70	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Basic-Design AD 60			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02
	Thermo-Design			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	V.3217.0X02

PVC Striker List











Window Set (PVC)

Profile	Profile Series	Axis	Material	Striker	Tilt Striker Plate	Horizontal Tilt Striker Plate	Security Cam Striker	Mini Ventillation Strikers	Shootbolt Striker	Adjustable Shootbolt Striker	Mishandling and Lifting Device Striker	Adjustable Ventillation Striker	Tilt First Tilt Striker Plate
Resman	RS 6000	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
Roplasto	6002 AD	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	7001 AD			V.2521.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Special 70			V.2521.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
RothoPlast	Rotho58	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Rotho60			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Rotho70			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Rotho70 S MD			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Salamander	2D 60mm	13	PVC	V.2504.0102	V.2202.0102	V.3213.0102	V.3412.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	3D 76mm			V.2504.0102	V.2202.0102	V.3213.0102	V.3412.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Saraypen	S600	13	PVC	V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	S360			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	S460			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	S7000 Premium			V.2504.0102	V.2202.0102	V.3212.0102	V.3408.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Schönline	Ecoline 60	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Line 60			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Line 70			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
Schüco	COrona SI 82	13	PVC	V.2504.0102	V.2202.0102	V.3210.0102	V.3410.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	COrona CT 70 Cava			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	COrona CT 70 Rondo			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	COrona CT 70 Classic			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	COrona CT 70 MD			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	COrona AS 60			V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3609.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
Seçpen	Ultra 58	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02
	Firstline 70	13		-	-	-	-	-	-	-	-	-	-
Spectus	Elite 70	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Elite 63			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
Şıkpen	S75	9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02
Taurus	Best 58	13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Elit 58			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Gümüş 60			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Platinum 70			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
Tecnocom		13	PVC	V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	-	-	-	V.2701.0102	-	-
Tekno Plast	Megatec	13	PVC	V.2504.0102	V.2202.0102	V.3204.0102	V.3403.0102	V.3603.0102	V.3003.0102	V.3020.0302	V.2701.0102	V.3609.0102	-
	Startec			V.2502.0102	V.2201.0102	V.3202.0102	V.3402.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	V.3217.0X02
	Süpertec			V.2502.0102	V.2201.0102	V.3208.0102	V.3407.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
Trocal	Comfort 4S 62	13	PVC	V.2506.0102	V.2204.0102	-	-	-	V.3005.0102	V.3020.0302	-	-	-
	Comfort 1B 62			V.2506.0102	V.2204.0102	-	-	-	V.3005.0102	V.3020.0302	-	-	-
	Innonova A5 70 AD			V.2506.0102	V.2204.0102	-	-	-	V.3005.0102	V.3020.0302	-	-	-
	Innonova A5 70 MD			V.2506.0102	V.2204.0102	-	-	-	V.3005.0102	V.3020.0302	-	-	-
	88+			V.2518.0102	V.2218.0102	V.3218.0102	V.3418.0102	-	V.3018.0102	V.3020.0302	-	-	-
Ufukpen		9	PVC	V.2601.0102	V.2301.0102	V.3301.0102	V.3501.0102	V.3701.0102	V.3101.0102	V.3020.0302	V.2801.0102	-	V.3317.0X02
Uniplast	Echolum 60	13	PVC	V.2502.0102	V.2201.0102	V.3209.0102	V.3409.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	Mondial 60			V.2502.0102	V.2201.0102	V.3209.0102	V.3409.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-
	Premium 70			V.2502.0102	V.2201.0102	V.3209.0102	V.3409.0102	V.3602.0102	V.3002.0102	V.3020.0302	V.2701.0102	-	-

PVC Striker List

Window Set (PVC)



Profile	Profile Series	Axis	Material										
Veka	Softline AD 9	9	PVC	V2603.0102	V2303.0102	V3301.0102	V3501.0102	V3703.0102	V3103.0102	V3020.0302	V2801.0102	V3609.0102	V3317.0X02
	Softline AD 58	13		V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Topline AD 70			V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Softline AD 70			V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
Veratec	60mmAD/MD	9	PVC	V2603.0102	V2303.0102	V3301.0102	V3501.0102	V3703.0102	V3103.0102	V3020.0302	V2801.0102	V3609.0102	V3317.0X02
Winapex	Apex 6003	13	PVC	V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Apex 6004			V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Apex 7505			V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
Winder		9	PVC	V2603.0102	V2303.0102	V3301.0102	V3501.0102	V3703.0102	V3103.0102	V3020.0302	V2801.0102	V3609.0102	V3317.0X02
Windoline	İnci Ekonomik Seri 60	13	PVC	V2502.0102	V2201.0102	V3209.0102	V3409.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	İnci 6300 Seri			V2502.0102	V2201.0102	V3209.0102	V3409.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	İnci 6400 Seri			V2502.0102	V2201.0102	V3209.0102	V3409.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	İnci 7500 Seri			V2502.0102	V2201.0102	V3209.0102	V3409.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
Winopen (Adopen)		13	PVC	V2504.0102	V2202.0102	V3204.0102	V3403.0102	V3603.0102	V3003.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
Winplast	Win Serisi 59	9	PVC	V2601.0102	V2301.0102	V3301.0102	V3501.0102	V3701.0102	V3101.0102	V3020.0302	V2801.0102	V3609.0102	V3317.0X02
Winsa	Dorada 70	13	PVC	V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Safir 70			V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Carina 60			V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
	Ultraline 60			V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0302	V2701.0102	V3609.0102	V3217.0X02
Winstar	Venedik 60	13	PVC	V2502.0102	V2201.0102	V3208.0102	V3407.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
	Okyanus 70			V2502.0102	V2201.0102	V3208.0102	V3407.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
	Ege 60			V2502.0102	V2201.0102	V3208.0102	V3407.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
	Napolyon 60			V2502.0102	V2201.0102	V3208.0102	V3407.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
Worldpen	6000 Serisi	13	PVC	V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
	7000 Serisi			V2502.0102	V2201.0102	V3202.0102	V3402.0102	V3602.0102	V3002.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
Yelpen	Smart 61	9	PVC	V2601.0102	V2301.0102	V3301.0102	V3501.0102	V3701.0102	V3101.0102	V3020.0102	V2801.0102	V3609.0102	V3317.0X02
	Unique 61			V2601.0102	V2301.0102	V3301.0102	V3501.0102	V3701.0102	V3101.0102	V3020.0102	V2801.0102	V3609.0102	V3317.0X02
	Esthetic 61			V2601.0102	V2301.0102	V3301.0102	V3501.0102	V3701.0102	V3101.0102	V3020.0102	V2801.0102	V3609.0102	V3317.0X02
Yıldızpen = Vinka	Yıldızpen 6000	9	PVC	V2603.0102	V2303.0102	V3301.0102	V3501.0102	V3703.0102	V3103.0102	V3020.0102	V2801.0102	V3609.0102	V3317.0X02
	Yıldızpen 6000S	13		V2504.0102	V2202.0102	V3210.0102	V3410.0102	V3603.0102	V3003.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02
	Vinka 7000S			V2504.0102	V2202.0102	V3210.0102	V3410.0102	V3603.0102	V3003.0102	V3020.0102	V2701.0102	V3609.0102	V3217.0X02

Certificates

	TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ TURKISH STANDARDS INSTITUTION CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS
Markanın Tanımı TSE veya/or	Description of the Mark veya/or TSE
BELGE NUMARASI REFERENCE NUMBER OF LICENCE	011207-TSE-01/04
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	25.07.2008
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	09.07.2025
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	ÖMERLİ MAH. HAKKI İLERİ CAD. VORNE SANATI TİCARET AŞ NO:72 /1 ARNAVUTKÖY İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	HADIMKÖY ATATÜRK SANAYİ BÖLGESİ ÖMERLİ MAH.HAKKI İLERİ CAD.NO:72 ARNAVUTKÖY İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	011207-TSE-01/03
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	vorne
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 13126-8 / 19.11.2018
BELGE KAPSAMI SCOPE OF LICENCE	DEVİRMELİ VE DÖNDÜRMELİ, HIRDAVAT -DAYANIKLILIK: KALİTE H2 (10 000 ÇEVİRİM) POZİTİF KONTROLLÜ -KÜTLE: 130 KG -KOROZYONA DİRENÇ: KALİTE 5 -DENEY BOYUTLARI: SRW =1 300 mm, SRH =1 200 mm
	e-imzalı/e-signed 15.08.2024 Belgelendirme Merkezi Başkanı Adına AKDOĞAN BULUT İSTANBUL BELGELENDİRME MÜDÜRÜ V.
<small>*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir. *Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz. *TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yani ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606 *TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta</small>	

 TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ TURKISH STANDARDS INSTITUTION CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS	
Markanın Tanımı	Description of the Mark
TSE veya/or	TSE veya/or T S E
BELGE NUMARASI REFERENCE NUMBER OF LICENCE	011207-TSE-02/04
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	24.07.2008
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	24.10.2024
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	ÖMERLİ MAH. HAKKI İLERİ CAD. VORNE SANATI TİCARET AŞ NO:72 /1 ARNAVUTKÖY İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	HADIMKÖY ATATÜRK SANAYİ BÖLGESİ ÖMERLİ MAH.HAKKI İLERİ CAD.NO:72 ARNAVUTKÖY İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	011207-TSE-02/03
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	varne
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 13126-4 / 25.06.2014
BELGE KAPSAMI SCOPE OF LICENCE	<p>BİNA HIRDAVATI – PENCERELER VE CAMLI DIŞ KAPILAR İÇİN BAĞLANTI – İSPANYOLET SÜRGÜLER</p> <p>-KULLANIM KATEGORİSİ: -</p> <p>-DAYANIKLILIK SINIF 4(15 000 döngü)</p> <p>-KÜTLE: -</p> <p>-YANGIN DAYANIMI SINIF 0</p> <p>-KULLANIM GÜVENLİĞİ SINIFI: 1</p> <p>-KOROZYON DAYANIMI SINIFI: 3</p> <p>-EMNİYET: -</p> <p>-UYGULANABİLİR BÖLÜM: 4</p> <p>-DENEY BOYUTLARI: KKG = 600 mm, KKY = 1200 mm</p>
<p><i>e-imzalı/e-signed</i></p> <p>15.08.2024</p> <p>Belgelendirme Merkezi Başkanı Adına AKDOĞAN BULUT</p> <p>İSTANBUL BELGELENDİRME MÜDÜRÜ V.</p>	
<p><small>*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir. *Bu belge, hiç bir surette tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kopyasını ve silintisi yapılamaz. *TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yanı ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606 *TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta :bmb@tse.org.tr , web : www.tse.org.tr</small></p>	



Markanın Tanımı Description of the Mark
TSE veya or TSE veya or TSE

BELGE NUMARASI
REFERENCE NUMBER OF LICENCE 011207-TSE-04/03

BELGENİN İLK VERİLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE 03.11.2014

BELGENİN SON GEÇERLİLİK TARİHİ
LICENCE VALID UNTIL 02.09.2023

BELGE SAHİBİ KURULUŞUN ADI
NAME OF THE LICENCE HOLDER İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

BELGE SAHİBİ KURULUŞUN ADRESİ
ADDRESS OF THE LICENCE HOLDER ÖMERLİ MAH./SEMT HAKKI İLERİ CAD. NO 72 /1 ARNAVUTKÖY İSTANBUL/TÜRKİYE

ÜRETİM YERİ ADI
NAME OF THE MANUFACTURING PLACE İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş

ÜRETİM YERİ ADRESİ
ADDRESS OF THE MANUFACTURING PLACE HADIMKÖY ATATÜRK SANAYİ BÖLGESİ ÖMERLİ MAH.HAKKI İLERİ CAD.NO:72 ARNAVUTKÖY İSTANBUL / TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any) 011207-TSE-04/02

TESCİLLİ TİCARİ MARKASI
REGISTERED TRADE MARK vorse

İLGİLİ TÜRK STANDARDI
RELATED TURKISH STANDARD TS EN 13126-1 / 27.12.2012 -- TS EN 13126-3 / 27.12.2012

BELGE KAPSAMI
SCOPE OF LICENCE

- GEÇME ÖZELLİĞİ OLMAYAN, ÇİFT AÇILIR PENCERE KOLLARI
- ALÜMİNYUM MALZEMEDEN MAMUL
- KULLANIM KATEGORİSİ: KALİTE SINIFI 1
- DAYANIKLILIK : KALİTE SINIFI 3/180
- YANGIN EMNİYETİ: KALİTE SINIFI 0
- KULLANIMDA GÜVENLİK: KALİTE SINIFI 1
- KOROZYON DİRENCİ: KALİTE SINIFI 2
- GÜVENLİK: KALİTE SINIFI 1
- UYGULAMA : KALİTE SINIFI 3/C1

e-imza/e-signed

15.08.2022

Belgelendirme Merkezi Başkanı Adına
MERİÇ KARACAN

TSE İSTANBUL BELGELENDİRME MÜDÜRÜ

*Bu belge, belgelendiren Örgün, Üretim yemin Enstitüsünün bali fediği şartları karşıladığını da gösterir.
*Bu belge, hiç bir suretle tanrı edilemez, izmen veya okunmasını zorlaştıracak şekilde çalışılmaz, kuzun ve silinti yapılamaz.
*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yanı ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta: tmb@tse.org.tr , web : www.tse.org.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=xlsttve> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



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TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya/ve TSE veya/ve TSE

BELGE NUMARASI REFERENCE NUMBER OF LICENCE	011207-TSE-06/01
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	25.11.2015
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	25.11.2022
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	ÖMERLİ MAH/SEMT HAKKI İLERİ CAD. NO:72 /1 ARNAVUTKÖY İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	KAYAPEN PLASTİK SANAYİ VE TİCARET LIMITED ŞİRKETİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	ORGANİZE SANAYİ BÖLGESİ CAMİKEBİR MAH. SAKARYA CAD. TÜTÜNCÜ SOK. NO:7 SINOP / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	14.0.30.4.55.00/TSE-64103
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	varne
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 1906 / 10.04.2013
BELGE KAPSAMI SCOPE OF LICENCE	

- KAPI KOLLARI
- KULLANIM KATEGORİSİ: KALİTE 3
- DAYANIKLILIK SINIFI: KALİTE 6
- KAPI KÜTLESİ : --
- YANGINA DAYANIM: KALİTE 0
- EMNİYET: KALİTE 0
- KOROZYON DİRENÇ SINIFI: KALİTE 3
- GÜVENLİK: KALİTE 0
- ÇALIŞMA ŞEKLİ(YAY TAKVİYELİ DONANIM): TİP A

e-imzalı/e-signed

09.11.2021

Belgelendirme Merkezi Başkanı Adına
NURAY BALABAN

SAMSUN BELGELENDİRME MÜDÜRÜ V.

*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.
*Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kopyalı ve silinli yapılamaz.
*TSE SAMSUN BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Organize Sanayi Bölgesi Erdolğan Caddesi Bulvarı Sosyal Tesisler Alanı Kullukent SAMSUN * Telefon: 0-362-266 40 22 Santral: 0-362-266 40 20 - 21 * Faks: 0-362-266 40 23
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI, Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA -- Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta: bmb@tse.org.tr , web : www.tse.org.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?pyf4h81ye> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



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	TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ TURKISH STANDARDS INSTITUTION CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS
Markanın Tanımı Description of the Mark	TSE veya/or veya/or T S E
BELGE NUMARASI REFERENCE NUMBER OF LICENCE	011207-TSE-07/01
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	07.06.2022
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	07.06.2025
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	ÖMERLİ MAH. HAKKI İLERİ CAD. VORNE SANATI TİCARET AŞ NO:72 /1 ARNAVUTKÖY İSTANBUL/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	ATATÜRK SANAYİ BÖLGESİ ÖMERLİ MAH. HAKKI İLERİ CAD. NO:72 PK:34555 HADIMKÖY / ARNAVUTKÖY / İSTANBUL İSTANBUL / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	VORNE
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 12209 / 11.07.2016
BELGE KAPSAMI SCOPE OF LICENCE	MEKANİK OLARAK ÇALIŞTIRILAN KİLİTLER, DİLLER VE KİLİTLEME PLAKALARI - KULLANIM KATEGORİSİ: SINIF 1 - DAYANIKLILIK: SINIF L - KAPI KÜTLESİ VE KİLİTLEME KUVVETİ: SINIF 4 - YANGIN-DUMAN DAYANIKLILIK: SINIF 0 - EMNİYET: SINIF 0 - KOROZYON DİRENCİ/SICAĞLIK: SINIF C - GÜVENLİK VE DELİNME DİRENCİ: SINIF 1 - ANAHTAR TANIMLAMA ŞARTI: SINIF 0 SINIFLANDIRMA: 1/L/4/0/0/C/1/0
	e-imzalı/e-signed 15.08.2024 Belgelendirme Merkezi Başkanı Adına AKDOĞAN BULUT İSTANBUL BELGELENDİRME MÜDÜRÜ V.
<small>*Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir. *Bu belge, hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz. *TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Çayırova Tren İstasyonu Yani ÇAYIROVA/GEBZE * Telefon: 2627231273* Faks: 2627231606 *TSE BELGELENDİRME MERKEZ BAŞKANLIĞI; Adres: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telefon: 0 312 416 64 81 / 416 64 27, Faks:0 312 416 66 17 E-posta</small>	



SERTİFİKA

Sertifika No	: 05099/İLE09B
Belgelendirme Tarihi	: 27.07.2017
Yeniden Belgelendirme Karar Tarihi	: 24.08.2020
Yayın Tarihi	: 25.07.2022
Geçerlilik Tarihi	: 26.07.2023
Revizyon Tarihi/No	: 02.08.2019 / 01

Royalcert, aşağıda bilgileri verilen kuruluşun yönetim sisteminin değerlendirildiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.

ISO 9001:2015

İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş.

Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, Hakkı İleri Caddesi, No:72,
Arnavutköy, İstanbul, TÜRKİYE

Kapsam: Kapı ve Pencerelerin Açma, Eğme Sistemlerinin Tasarımı, Üretimi ve Satışı

Genel Müdür



TÜRKAK BDS NO
YS-3F02-2003



Bu sertifika, belgeli kuruluş gözetim denetimleri şartlarına ve RoyalCert'in prosedürlerine uyduğu surece geçerlidir. Orjinal belgede hologram etiket bulunur. Belgelendirme periyodu 3 yıldır. Sertifikanın durumu www.royalcert.com adresinden ayrıca üzerinde kare kod bulunan sertifikaların geçerliliği de TÜRKAK BDS no ile TBS.turkak.org.tr üzerinden doğrulanabilir.

RoyalCert Belgelendirme ve Gözetim A.Ş.
Kar Plaza E Blok K:13 34752
Atasehir, İstanbul
T:+90 216 668 09 10



SERTİFİKA

Sertifika No	: 05099/İLE09D
Belgelendirme Karar Tarihi	: 27.07.2017
Yeniden Belgelendirme Karar Tarihi	: 24.08.2020
Yayın Tarihi	: 17.08.2022
Geçerlilik Tarihi	: 26.07.2023
Revizyon No / Tarih	: 02.08.2019 / 00

Royalcert, aşağıda bilgileri verilen kuruluşun yönetim sisteminin değerlendirildiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.

DIN EN ISO 9001:2015 Kalite Yönetim Sistemi – Gereksinimler (ISO 9001:2015)

İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş.

Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, Hakkı İleri Caddesi, No:72,
Arnavutköy, İstanbul, TÜRKİYE

Kapsam: Kapı ve Pencereilerin Açma, Eğme Sistemlerinin Tasarımı, Üretimi ve Satışı

Genel Müdür
C. Markopolo



Deutsche
Akkreditierungsstelle
D-ZM-18590-01-00



Bu sertifika, belgeyi kuruluş gözetim denetimleri şartlarına ve RoyalCert'in prosedürlerine uyduğu sürece geçerlidir.
Orijinal belgede hologram etiketi bulunur.
Belgelendirme periyodu 3 yıldır.
Sertifikanın geçerliliği www.royalcert.com adresinden doğrulanabilir.

RoyalCert International Registers GmbH
Friedrich Ebert Anlage 36,
60325 Frankfurt am Main, Germany
T: +49 69 257 12901



SERTİFİKA

Sertifika No	: 05099/İLE14B
Belgelendirme Tarihi	: 27.07.2017
Yeniden Belgelendirme Karar Tarihi	: 24.08.2020
Yayın Tarihi	: 25.07.2022
Geçerlilik Tarihi	: 26.07.2023
Revizyon Tarihi/No	: 02.08.2019 / 01

Royalcert, aşağıda bilgileri verilen kuruluşun yönetim sisteminin değerlendirildiğini ve ilgili standardın gereklerine uygun olduğunu onaylar.

ISO 14001:2015

İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş.

Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, Hakkı İleri Caddesi, No:72,
Arnavutköy, İstanbul, TÜRKİYE

Kapsam: Kapı ve Pencerelerin Açma, Eğme Sistemlerinin Tasarımı, Üretimi ve Satışı

Genel Müdür



TÜRKAK BDS NO
YS-85C7-764C



Bu sertifika, belgeli kuruluş gözetim denetimleri şartlarına ve RoyalCert'in prosedürlerine uyduğu sürece geçerlidir. Orjinal belgede hologram etiket bulunur. Belgelendirme periyodu 3 yıldır. Sertifikanın durumu www.royalcert.com adresinden ayrıca üzerinde kare kod bulunan sertifikaların geçerliliği de TÜRKAK BDS no. ile TBDU.turkak.org.tr üzerinden doğrulanabilir.

RoyalCert Belgelendirme ve Gözetim A.Ş.
Kar Plaza E Blok K:13 34752
Atasehir, İstanbul
T: +90 216 688 08 10

8 309 414/61027901705 www.royalcert.com



SERTİFİKA

Sertifika No : 05099/İLE45A
Belgelendirme Karar Tarihi : 27.07.2017
Yeniden Belgelendirme Karar Tarihi : 24.08.2020
Yayın Tarihi : 17.08.2022
Geçerlilik Tarihi : 26.07.2023
Revizyon No / Tarih : 02.08.2019 / 00

RoyalCert Belgelendirme, aşağıda bilgileri verilen kuruluşun yönetim sisteminin yine aşağıda detayları verilen yönetim standardının gereklerine uygunluğunu değerlendirmiş olup, ilgili standart şartlarına uygun olduğunu onaylar.

ISO 45001:2018

İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş.

Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, Hakkı İleri Caddesi, No:72,
Arnavutköy, İstanbul, TÜRKİYE

Kapsam: Kapı ve Pencereilerin Açma, Eğme Sistemlerinin Tasarımı, Üretimi ve Satışı

Genel Müdür



Bu sertifika, belgeyi kuruluş gözetim denetimleri şartlarına ve RoyalCert'in prosedürlerine uyduğu sürece geçerlidir.
Orjinal belgede hologram etiket bulunur. Belgelendirme periyodu 3 yıldır.
Sertifikanın durumu www.royalcert.com adresinden ayrıca üzerinde kare kod bulunan sertifikaların geçerliliği de
TÜRKAK BDS no. ile TBDSturkak.org.tr üzerinden doğrulanabilir.

RoyalCert Belgelendirme ve Gözetim A.Ş.
Kar Plaza E Blok K:13 34752
Atasehir, İstanbul
T: +90 216 688 08 10



SERTİFİKA

Sertifika No : 05099/İLE10A
Belgelendirme Karar Tarihi : 27.07.2017
Yeniden Belgelendirme Karar Tarihi : 24.08.2020
Yayın Tarihi : 17.08.2022
Geçerlilik Tarihi : 26.07.2023
Revizyon No / Tarih : 02.08.2019 / 00

RoyalCert Belgelendirme, aşağıda bilgileri verilen kuruluşün yönetim sisteminin yine aşağıda detayları verilen yönetim standardının gereklerine uygunluğunu değerlendirmiş olup, ilgili standart şartlarına uygun olduğunu onaylar.

ISO 10002:2018

İLERİ PENCERE KAPI SİSTEMLERİ SANAYİ VE TİCARET A.Ş.

Hadımköy Atatürk Sanayi Bölgesi, Ömerli Mahallesi, Hakkı İleri Caddesi, No:72,
Arnavutköy, İstanbul, TÜRKİYE

Kapsam: Kapı ve Pencereilerin Açma, Eğme Sistemlerinin Tasarımı, Üretimi ve Satışı

Genel Müdür



Bu sertifika, belgeyi kuruluş gözetim denetimleri şartlarına ve RoyalCert'in prosedürlerine uyduğu sürece geçerlidir.
Orjinal belgede hologram etiket bulunur. Belgelendirme periyodu 3 yıldır.
Sertifikanın durumu www.royalcert.com adresinden ayrıca üzerinde kare kod bulunan sertifikaların geçerliliği de
TÜRKAK BDS no. ile TBDSturk.org.tr üzerinden doğrulanabilir.

RoyalCert Belgelendirme ve Gözetim A.Ş.
Kar Plaza E Blok K:13 34752
Atasehir, İstanbul
T: +90 216 688 09 10



AT UYGUNLUK BEYANI EC DECLARATION OF CONFORMITY

CE Numarası:	1	2	3	4	5	6
CE Number	12	VORNE	Pencere Kolu	PB1	Sistem 4	TS EN 13126-3
	12	VORNE	Tek Açılım	PB2	Sistem 4	TS EN 13126-4
	12	VORNE	Çift Açılım	PB3	Sistem 4	TS EN 13126-6
	12	VORNE	Kapı Kolu	PB4	Sistem 4	TS EN 1906
	12	VORNE	Gömme Kilit	PB5	Sistem 4	TS EN 12209
	14	VORNE	3D Menteşe	PB6	Sistem 4	TS EN 1935

İmalatçı : İleri Pencere Kapı Sistemleri Sanayi ve Ticaret Anonim Şirketi
Manufacturer

Adres : Atatürk Sanayi Bölgesi Ömerli Mahallesi Hakkı İleri Caddesi No:72 PK:34555
Address
 Hadımköy – Arnavutköy – İstanbul / Türkiye

Teknik Dosyayı derleyen yetkili kişinin adı ve adresi : Kerem KÜP
 Atatürk Sanayi Bölgesi Ömerli Mahallesi Hakkı İleri Caddesi No:72 PK:34555
Name & address of the person authorised to compile the technical file
 Hadımköy – Arnavutköy – İstanbul / Türkiye

Ürün : PB 1 Bina Hırdavatı – Pencere ve Camlı Kapı Hırdavatı – Öncelikle Çift Açılır, Yarım Açılır ve Dönerek Açılır Pencere Kolları.
Product
 PB 2 Bina Hırdavatı – Pencere ve Camlı Kapı Hırdavatı – Öncelikle Çift Açılır, Yarım Açılır ve Dönerek Açılır Pencere Kolları.
 PB 3 Bina Hırdavatı – Pencere ve Camlı Kapı Hırdavatı – Öncelikle Çift Açılır, Yarım Açılır ve Dönerek Açılır Pencere Kolları.
 PB 4 Bina Hırdavatı – Kapı Kolları ve Topuzları.
 PB 5 Bina Hırdavatı – Kilitler ve Diller – Mekanik Olarak Çalıştırılan Kilitler, Diller ve Kilitleme Plakaları.
 PB 6 Bina Hırdavatı – Tek Eksenli Menteşeler.

Model – Tip : -----
Model – Type

Yukarıda tanımlanmış olan ürünler için 305/2011/AB Yapı Malzemeleri Yönetmeliğinde uygulanabilen gerekliliklerin yerine getirildiğini ve sorumluluğun alınmış olduğunu beyan ederiz.
 We declare that, we fulfill the requirements of the 305/2011/AB Construction Products Directive as described above, for the products which is identify below.

Yukarıda tanımlanan ürünler İç Üretim Kontrollerine bağlı olarak "İleri Pencere Kapı Sistemleri" tarafından kontrol edilmiştir.
 The products which is identify above, controls by the "İleri Pencere Kapı Sistemleri" according as Internal Production Controls.

Yönetmelikler : 305/2011/AB Yapı Malzemeleri Yönetmeliği. 10.07.2013 Construction Products Directive.
Directives
 "CE" İşareti Yönetmeliği. 23.02.2012 Directive of the "CE" Marking

Uyumlaştırılmış standart : PB 1: TS EN 13126-1 / 27.12.2012 – TS EN 13126-3 / 27.12.2012
 PB 2: TS EN 13126-1 / 27.12.2012 – TS EN 13126-4 / 22.11.2011
 PB 3: TS EN 13126-1 / 27.12.2012 – TS EN 13126-8 / 20.02.2007
 PB 4: TS EN 13126-1 / 27.12.2012 – TS EN 1906 / 10.04.2013
 PB 5: TS EN 12209 / 30.01.2007
 PB 6: TS EN 1935 / 30.01.2007
Harmonized standards

Müdahil olan ve TSE Uygunluk Belgesini düzenleyen onaylanmış kuruluşun adı ve kimlik kayıt no : TSE 1783
Notified Body's, who involved and regulate the Certificate of Conformity of TSE, name and identification number

Avrupa Değerlendirme Esası : (PB3) Regulation (EU) No 305/2011 - Construction products
European Evaluation Basis

Avrupa Teknik Değerlendirmesi : (PB3) DIN EN 13126-8:2006-05
European Technical Assessment

Teknik Değerlendirme Kuruluşu : (PB3) Gütegemeinschaft Schlösser und Beschläge e. V. PIV Prüfinstitut Schlösser und Beschläge Velbert
Technical Assessment Body

Onaylanmış Kuruluş : (PB3) 1309 PIV
Notified Body

Avrupa Değerlendirme Esası : (PB3) Regulation (EU) No 305/2011 - Construction products
European Evaluation Basis

Avrupa Teknik Değerlendirmesi : (PB3) QM 328: 2013-11
European Technical Assessment

Teknik Değerlendirme Kuruluşu : (PB3) ift Rosenheim GmbH
Technical Assessment Body

Onaylanmış Kuruluş : (PB3) 0757 IFT
Notified Body

İleri Pencere Kapı Sistemleri Sanayi ve Ticaret Anonim Şirketi için imzalanmıştır.
 Signed for İleri Pencere Kapı Sistemleri Sanayi ve Ticaret Anonim Şirketi

Yer ve Tarih : İstanbul / 21.02.2017
Place and date of issue

Yetkili kişinin adı, görevi ve imzası : Saim İLERİ
 İşveren
Name, signature and position of authorized person
 Employer





VERLEIHUNGS-URKUNDE AWARD CERTIFICATE

Nr./ No. 4-2/13 (Version 03)



Der Güteausschuss der Gütegemeinschaft Schlösser und Beschläge e.V. verleiht aufgrund des vorliegenden Prüfberichtes gemäß RAL-GZ 607/3 dem Dreh- und Drehkippschlag:
Based upon the test report according to RAL-GZ 607/3 which has been released by the quality assurance commission of the quality assurance association of locks and hardware hereby awards the Turn- and Tilt/Turn hardware:

Cift Acilim Sistemi
Tilt & Turn System

der Firma: ILERI PENCERE KAPI SISTEMLERI SANAYI
the company: VE TICARET ANONIM SİRKETİ
Atatürk Sanayi Bölgesi Ömerli Mah. Hakki Ileri Cad.
No: 72
TR-34555 Hadimköy – Istanbul

im Rahmen der Mitgliedschaft bei der Gütegemeinschaft Schlösser und Beschläge e.V., das von RAL (Deutsches Institut für Gütesicherung und Kennzeichnung eV) anerkannte Gütezeichen Schlösser und Beschläge mit der Inschrift „Dreh- und Drehkippschläge“
as part of membership of the Gütegemeinschaft Schlösser und Beschläge e.V., the RAL-quality label shown below, having been recognized by the German RAL Institute for Quality Assurance and labelling „Turn- and Tilt/Turn hardware“

geprüft nach RAL-GZ 607/3, Ausgabe 12.2017
certified according to RAL-GZ 607/3, version 12.2017
EN 13126-8:2017 H2 – 130 – 5 – 1 300 x 1 200

Die Führung des Zeichens Nr. 4-2/13 setzt die Einhaltung und Überwachung nach dieser Güte- und Prüfbestimmung voraus. Grundlage ist der Prüfbericht Nr. 4-2/13 und 4-2/13.318 sowie das Prüfzeugnis Nr. 32-16/14 und 39-14/14 vom 16.07.2021 des PIV.

Permission of using this RAL quality label no. 4-2/13 is based on the surveillance and the quality- and testing instructions. The basis is test report no. 4-2/13 and 4-2/13-318 as well as the test certificate 32-16/14 and 39-14/14 from 16.07.2021 by PIV.

Erstausstellung der Verleihungs-urkunde 24.07.2013. Die Gültigkeit endet am 31.07.2023.
First issue of award certificate 24.07.2013. End of the validity 31.07.2023.

Diese Urkunde hat insgesamt 1 Seite und ersetzt die Urkunde 4-2/13 (Version 02) vom 05.09.2013.
This certificate has a total of 1 page and replaces the certificate 4-2/13 (version 02) from 05.09.2013.

D-42551 Velbert, 23. August 2021

Geschäftsführer
Managing Director

Zertifikat / Certificate

Zertifikatsnr. / Certificate No.: 228-8019794-1-5

Dreh- und Drehkippschläge für Fenster und Fenstertüren

Turn and tilt-turn hardware for windows and casement doors

Produkt <i>product</i>	VORNE TILT AND TURN MECHANISM	 <small>WINDOW & DOOR SYSTEMS</small>
max. Flügelgewicht <i>max. casement weight</i>	100 kg	
Einsatzbereich <i>field of application</i>	Systeme mit entsprechender Beschlagenaufnahmenut <i>Systems with suitable hardware groove</i>	
Hersteller <i>manufacturer</i>	Ileri Pencere Kapi Sistemleri San. ve Tic. Anonim Sirketi Atatürk Sanayi Bölgesi Ömerli Mah. Hakkı Ileri Cad. No:72, TR 34555 Hadimköy-Istanbul	
Produktionsstandort <i>production site</i>	Ileri Pencere Kapi Sistemleri San. ve Tic. Anonim Sirketi Atatürk Sanayi Bölgesi Ömerli Mah. Hakkı Ileri Cad. No:72, TR 34555 Hadimköy-Istanbul	

Mit diesem Zertifikat wird bescheinigt, dass das benannte Bauprodukt den Anforderungen des zugrundeliegenden ift-Zertifizierungsprogramms in der aktuellen Fassung entspricht.

- Erstellung von Produktfamilien des aufgeführten Bauproduktes und Erstdprüfung durch eine akkreditierte Prüfstelle nach EN 13126-8:2017 unter Berücksichtigung der Anwendungsdiagramme
- Einführung und Aufrechterhaltung einer werkseigenen Produktionskontrolle durch den Hersteller
- Erstdinspektion des Werkes und der werkseigenen Produktionskontrolle durch ift-Zert
- kontinuierliche Fremdüberwachung des Werkes und der werkseigenen Produktionskontrolle durch ift-Zert

Dieses Zertifikat wurde erstmals am 21.09.2012 ausgestellt. Die aktuelle Version gilt bis zum 01.03.2028, wenn sich zwischenzeitlich die Festlegungen in der oben angeführten technischen Spezifikation oder die Herstellbedingungen im Werk oder in der werkseigenen Produktionskontrolle selbst nicht wesentlich verändert haben.

Das Zertifikat darf nur unverändert vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Zertifizierung sind ift-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

Das Unternehmen ist berechtigt, das benannte Bauprodukt gemäß der ift-Zeichensatzung mit dem „ift-zertifiziert“-Zeichen zu kennzeichnen.

Dieses Zertifikat enthält 2 Anlage/n.

Grundlage(n) / Basis:

ift-Zertifizierungsprogramm für Beschläge
ift-certification scheme for hardware
ift-Zertifizierung QM328:2018-01

EN 1191
EN 12400
Klasse 2
class 2

Dauerfunktion
resistance to repeated opening and closing

EN ISO 9227
EN 1670
Klasse 3
class 3

Korrosionsschutz
corrosion protection

This certificate attests that the building product mentioned fulfils the requirements of the underlying ift-certification scheme in its current version.

- compilation of product families of the building product listed and initial type-testing by an accredited testing body as per EN 13126-8:2017 based on the application diagrams
- implementation and maintenance of a factory production control by the manufacturer
- initial inspection of the production site and the factory production control by ift-Zert
- continuous third-party control of the production site and the factory production control by ift-Zert

This certificate was first issued on 21.09.2012. The current version is valid until 01.03.2028, as long as neither the conditions laid down in the technical specification listed above nor the manufacturing conditions in the production site nor the factory production control itself are modified significantly.

The reproduction of the certificate without any change from the original is permitted. Any changes to the prerequisites applicable to certification shall be immediately communicated in writing to ift-Zert accompanied by the necessary evidence.

The company is authorized to affix the "ift-certified"-mark to the building product mentioned according to the ift-rules on the use of the "ift-certified"-mark.

This certificate contains 2 annexes.

ift Rosenheim
02.03.2023

Gültig bis /
Valid until:

Christian Kehrer
Leiter der ift-Zertifizierungs- und Überwachungsstelle
Head of ift Certification and Surveillance Body

Vertragsnr. /
Contract No.: 228 8019794

ift Rosenheim
Theodor-Gietl-Str. 7-9
D-83026 Rosenheim

Kontakt
Tel.: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 6757
PZ-Stelle BAW 18

DAKKS
Deutsche Akkreditierungsstelle
0 20 11349 01 00

Identitäts-Check
Identity check

www.ift-rosenheim.de/
ift-zertifiziert
ID: 294-898C1

Ve-Zer-5172-de / 01.05.2022

Certificates

IFT Rosenheim QM 347 EN 13126-17

Zertifikat / Certificate		ift ROSENHEIM
Zertifikatsnr. / Certificate No.: 228PSK-8019794-1-3		
Beschläge <i>hardware</i>		
<p>Produkt <i>product</i></p> <p>Produktfamilie <i>product family</i></p> <p>max. Flügelgewicht <i>max. casement weight</i></p> <p>Einsatzbereich <i>field of application</i></p> <p>Hersteller <i>manufacturer</i></p> <p>Produktionsstandort <i>production site</i></p>	<p>Tilt and slide window</p> <p>Beschläge für Kippschiebe-Fenster und Fenstertüren <i>hardware for lift and slide windows and balcony door</i></p> <p>130 kg</p> <p>Systeme mit entsprechender Beschlagaufnahme <i>systems with suitable hardware groove</i></p> <p>Ileri Pencere Kapi Sistemleri San. ve Tic. Anonim Sirketi Atatürk Sanayi Bölgesi Ömerli Mah. Hakkı İleri Cad. No:72, TR 34555 Hadimköy-Istanbul</p> <p>Ileri Pencere Kapi Sistemleri San. ve Tic. Anonim Sirketi Atatürk Sanayi Bölgesi Ömerli Mah. Hakkı İleri Cad. No:72, TR 34555 Hadimköy-Istanbul</p>	<p>Grundlage(n) / Basis:</p> <p>ift-Zertifizierungsprogramm für Beschläge <i>ift-certification scheme for hardware (QM 347)</i></p> <p>Ausgabe/issue 2019</p> <p>EN 1191 EN 12400 Klasse 3 <i>class 3</i></p> <p>Dauerfunktion <i>resistance to repeated opening and closing</i></p> <p>EN ISO 9227 EN 1670 Klasse 4 <i>class 4</i></p> <p>Korrosionsschutz <i>corrosion protection</i></p>
<p>Mit diesem Zertifikat wird bescheinigt, dass das benannte Bauprodukt den Anforderungen des zugrundeliegenden ift-Zertifizierungsprogramms in der aktuellen Fassung entspricht.</p> <p>Erstellung von Produktfamilien des aufgeführten Bauproduktes und Erstprüfung durch eine akkreditierte Prüfstelle nach EN13126-17 : 2019 unter Berücksichtigung der Anwendungsdiagramme</p> <p>Einführung und Aufrechterhaltung einer werkseigenen Produktionskontrolle durch den Hersteller</p> <p>Erstinspektion des Werkes und der werkseigenen Produktionskontrolle durch ift-Q-Zert</p> <p>kontinuierliche Fremdüberwachung des Werkes und der werkseigenen Produktionskontrolle durch ift-Q-Zert</p> <p>Dieses Zertifikat wurde erstmals am 03.12.2018 ausgestellt und gilt 5 Jahre, wenn sich zwischenzeitlich die Festlegungen in der oben angeführten technischen Spezifikation oder die Herstellungsbedingungen im Werk oder in der werkseigenen Produktionskontrolle selbst nicht wesentlich verändert haben.</p> <p>Das Zertifikat darf nur unverändert vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Zertifizierung sind dem ift-Q-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.</p> <p>Das Unternehmen ist berechtigt, das benannte Bauprodukt gemäß der ift-Zeichensatzung mit dem "ift-zertifiziert"-Zeichen zu kennzeichnen.</p> <p>Dieses Zertifikat enthält 2 Anlagen.</p>		
<p>This certificate attests that the building product mentioned fulfils the requirements of the underlying ift-certification scheme in its current version.</p> <p>compilation of product families of the building product listed and initial type-testing by an accredited testing body as per EN 13126-17 : 2019 based on the application diagrams</p> <p>implementation and maintenance of a factory production control by the manufacturer</p> <p>initial inspection of the production site and the factory production control by ift-Q-Zert</p> <p>continuous third-party control of the production site and the factory production control by ift-Q-Zert</p> <p>This certificate was first issued on 03.12.2018 and will remain valid for 5 years, as long as neither the conditions laid down in the technical specification listed above nor the manufacturing conditions in the production site nor the factory production control itself are modified significantly.</p> <p>The reproduction of the certificate without any change from the original is permitted. Any changes to the prerequisites applicable to certification shall be immediately communicated in writing to ift-Q-Zert accompanied by the necessary evidence.</p> <p>The company is authorized to affix the "ift-certified"-mark to the building product mentioned according to the ift-rules for use of the "ift-certified"-mark.</p> <p>This certificate contains 2 annexes.</p>		
<p>ift Rosenheim 01.04.2020</p> <p>Gültig bis / Valid until:</p> <p>Vertragsnr. / Contract No.:</p>	<p>Christian Kehrer Leiter der ift-Zertifizierungs- und Überwachungsstelle <i>Head of ift-Certification and Surveillance</i></p> <p>02.12.2023</p> <p>228PSK 8019794</p>	<p>Prof. Jörn Lass Institutsleiter <i>Director of Institute</i></p> <p>17-003236-PR01 vom / dated 22.06.2018</p>
<p>www.ift-rosenheim.de</p>		
<p>ift Rosenheim GmbH Kontakt Prüfung und Kalibrierung – EN ISO/IEC 17025 Theodor-Gietl-Str. 7-9 Tel.: +49 8031 281-0 Inspektion – EN ISO/IEC 17020 D-83026 Rosenheim Fax: +49 8031 281-290 Zertifizierung Produkte – EN ISO/IEC 17065 www.ift-rosenheim.de www.ift-rosenheim.de Zertifizierung Managementsysteme – EN ISO/IEC 17021</p> <p>Notified Body 0737 POZ-Stelle: BAY 18</p> <p>DAKKS Deutsche Akkreditungsstelle D-25-11449-01-08</p>		

<p>СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ</p>	
	<p>СЕРТИФИКАТ СООТВЕТСТВИЯ</p>
<p>№ РОСС TR.АД07.Н01171</p>	<p>Срок действия с 30.10.2019 по 29.10.2022</p>
<p>№ 0491676</p>	
<p>ОРГАН ПО СЕРТИФИКАЦИИ Орган по сертификации Общество с ограниченной ответственностью «Центр Сертификации «ВЕЛЕС». Место нахождения: 195009, Российская Федерация, город Санкт-Петербург, улица Академика Лебедева, дом 12, корпус 2, литера А, этаж 2, комната 26. Место осуществления деятельности: 190068, Российская Федерация, город Санкт-Петербург, улица Большая Подьяческая, дом 37, литера А, помещение 5Н. Телефон: +7 (495) 221-18-10, адрес электронной почты: info@velessert.ru. Аттестат аккредитации № RA.RU.10АД07. Дата регистрации аттестата аккредитации: 24.03.2016 года</p>	
<p>ПРОДУКЦИЯ Пневматические гильотины т.м. "VORNE"</p>	
<p>Серийный выпуск</p>	<p>код ОК 034-2014 (КПЕС 2008) 28.41.32.110</p>
<p>СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ ГОСТ 12.2.003-91</p>	
<p>код ТН ВЭД 8462 39 990 0</p>	
<p>ИЗГОТОВИТЕЛЬ ILERI PENCERE KAPI SISTEMLERI SANAYI VE TICARET A.S Адрес: ТУРЦИЯ, Ataturk Sanayi Bolgesi Omerli Mah. Hakki ileri Cad.No.72 PK.34555 Hadimkoy -Arnavutkoy -ISTANBUL</p>	
<p>СЕРТИФИКАТ ВЫДАН ILERI PENCERE KAPI SISTEMLERI SANAYI VE TICARET A.S Адрес: ТУРЦИЯ, Ataturk Sanayi Bolgesi Omerli Mah. Hakki ileri Cad.No.72 PK.34555 Hadimkoy -Arnavutkoy -ISTANBUL Телефон: (+90 212)771 15 32. E-mail: bakyt.kakenov@vorne.com.tr</p>	
<p>НА ОСНОВАНИИ протокола испытаний № 859-10/12-В от 29.10.2019 года, выданного испытательной лабораторией «Велес» Общества с ограниченной ответственностью «Центр Сертификации «Велес», регистрационный № РОСС RU.31485.04ИДЮ0.006.</p>	
<p>ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Схема сертификации: 3.</p>	
	<p>Руководитель органа _____</p> <p>Эксперт _____</p>
	<p><i>Эксперт</i> подпись</p> <p><i>И.В. Михайлов</i> подпись</p>
	<p>К.А. Экхарт инициалы, фамилия</p> <p>И.В. Михайлов инициалы, фамилия</p>
<p>Сертификат не применяется при обязательной сертификации</p>	
<p>АО «ОПЦИОН», Москва, 2019, «В» лицензия № 05-05-09/003 ФНС РФ, тел. (495) 796 4742, www.opcion.ru</p>	



Система добровольной сертификации
в строительстве в Российской Федерации

«ФЦС-стройсертификация»

Включена в единый реестр зарегистрированных систем добровольной сертификации
за Рег. № РОСС RU.B1447.04ИГФ0 от 04.03.2016 г.

№ 002517

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ ФЦС TR.B1447.ПР02.00159

СРОК ДЕЙСТВИЯ с 25.12.2020 по 24.12.2022

<p>ПРОДУКЦИЯ Устройства поворотные, откидные, поворотно-откидные т.м. «VORNE» для оконных и балконных дверных блоков из поливинилхлоридных, деревянных и алюминиевых профилей Серийный выпуск</p>	<p>код ОКП 034-2014 (КПЕС 2008)</p> <p>25.72.14.120</p>
<p>СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ ГОСТ 30777-2012 п.п. 5.4.1., 5.4.2, 5.4.3, 5.4.4, 5.4.7, 5.4.8, 5.4.9, 5.4.12, 5.4.13, 5.4.14, 5.4.15, 5.5.1, 5.5.2, 5.6.7; ГОСТ 538-2014 п. 5.7.9</p>	<p>код ТН ВЭД 8302 41 500 0</p>

ИЗГОТОВИТЕЛЬ ILERI PENCERE KAPI SISTEMLERI SANAYI VE TICARET A.S. (Турция)
Ataturk Sanayi Bolgesi Omerli Mahallesi Hakkli Ileri Cad. No:72
34555 Arnavutkoy/Istanbul, Turkey
Tel: +90 212 771 15 32, www.vorne.com.tr
Адрес производства продукции: тот же

СЕРТИФИКАТ ВЫДАН ИП Циберман Александр Владимирович ИНН 580508839048
344045, г. Ростов-на-Дону, ул. Думенко, д.1, кв. 9
Тел. +7 937 448-30-03

НА ОСНОВАНИИ Протокола сертификационных испытаний:
№ 07 от 14.12.2020 г. ИЦ «Замок», г. Москва, РОСС RU.0001.21СЛ41 от 30.10.2014

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Сертификация по схеме № 3с
Знак соответствия наносится на техническую и сопроводительную документацию

ОРГАН ПО СЕРТИФИКАЦИИ № ФЦС RU.B1447.01ПР02 от 29.11.2016
ОРГАН ПО СЕРТИФИКАЦИИ ОКОННОЙ И ДВЕРНОЙ ТЕХНИКИ (ОС ОДТ)
Россия, 125130, г. Москва, ул. Клары Цеткин, д. 33, стр. 14
тел./факс (499) 745-04-73, E-mail: info@osodt.com



РУКОВОДИТЕЛЬ ОРГАНА
Подпись

ЭКСПЕРТ
Подпись

Власова

Подпись

Шамова

Подпись

Т.В.Власова
Инициалы, Фамилия

Н.А. Шамова
Инициалы, Фамилия

Россия, 109316, г. Москва, Волгоградский проспект, д.45, стр.1, тел.(495) 133-01-57

ООО «ЭИИ», Москва, 2018, «В», стр.1971160

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.АД07.Н01184
 Срок действия с 01.11.2019 по 31.10.2022
 № **0491690**

ОРГАН ПО СЕРТИФИКАЦИИ Орган по сертификации Общество с ограниченной ответственностью «Центр Сертификации «ВЕЛЕС». Место нахождения: 195009, Российская Федерация, город Санкт-Петербург, улица Академика Лебедева, дом 12, корпус 2, литера А, этаж 2, комната 26. Место осуществления деятельности: 190068, Российская Федерация, город Санкт-Петербург, улица Большая Подьяческая, дом 37, литера А, помещение 5Н. Телефон: +7 (495) 221-18-10, адрес электронной почты: info@velesert.ru. Аттестат аккредитации № RA.RU.10АД07. Дата регистрации аттестата аккредитации: 24.03.2016 года

ПРОДУКЦИЯ Замки одно запорные, много запорные и ответные планки т.м. "Elementis" типа ELM*****, где * - это цифры от 0 до 9 и буквы от А до Z, обозначающие модель

	код ОК
Серийный выпуск	034-2014 (КПЕС 2008) 25.72.12.110

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ
 ГОСТ 5089-2011, ГОСТ 538-2014

	код ТН ВЭД
	8301 40 110 0

ИЗГОТОВИТЕЛЬ "ILERI PENCERE KAPI SISTEMLERI SANAYI VE TICARET A.S."
 Адрес: Ataturk Sanayi Bolgesi Omerli Mah. Hakki ileri Cad.No.72 PK.34555
 Hadimkoy -Arnavutkoy -ISTANBUL, ТУРЦИЯ

СЕРТИФИКАТ ВЫДАН "ILERI PENCERE KAPI SISTEMLERI SANAYI VE TICARET A.S."
 Адрес: Ataturk Sanayi Bolgesi Omerli Mah. Hakki ileri Cad.No.72 PK.34555
 Hadimkoy -Arnavutkoy -ISTANBUL, ТУРЦИЯ
 Телефон: (+90 212)771 15 32. Факс: (+90212)771 15 40. E-mail: bakyt.kakenov@vorne.com.tr

НА ОСНОВАНИИ протокола испытаний № 919-10/12-В от 31.10.2019 года, выданного испытательной лабораторией «Велес» Общества с ограниченной ответственностью «Центр Сертификации «Велес», регистрационный № РОСС RU.31485.04ИДЮ0.006.

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Схема сертификации: 3.

Руководитель органа		К.А. Экхарт <small>инициалы, фамилия</small>
Эксперт		И.В. Михайлов <small>инициалы, фамилия</small>

Сертификат не применяется при обязательной сертификации

АО «ОПСИОН», Москва, 2019, «В» лицензия № 05-05-09/003 ФНС РФ, тел. (495) 726 4742, www.opcion.ru

ДОБРОВОЛЬНАЯ СЕРТИФИКАЦИЯ ПРОДУКЦИИ

Система добровольной сертификации в области промышленной и экологической безопасности "Промышленный эксперт"
Зарегистрирована Федеральным агентством по техническому регулированию и метрологии 11.04.2016 г.,
регистрационный №РОСС RU.31485.04ИДЮ0

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ 04ИДЮ101.TR.C03706

Срок действия с 12.08.2022 по 11.08.2025

№ 1304909

ОРГАН ПО СЕРТИФИКАЦИИ Общества с ограниченной ответственностью «СамараТест». Место нахождения (адрес юридического лица): 443030, РОССИЯ, Самарская область, город Самара, улица Урицкого, дом 19. Адрес места осуществления деятельности: 443030, РОССИЯ, Самарская обл, г Самара, Железнодорожный район, ул. Урицкого, д. 19, комн. 46, 48, 49. Телефон: +7(846)206-03-79. Адрес электронной почты: info@samarasert.ru. Свидетельство о признании компетентности органа по сертификации № РОСС RU.31485.04ИДЮ0.101 от 20.05.2021 года.

ПРОДУКЦИЯ Замки врезные однозапорные и многозапорные торговых марок «VORNE» код ОК 034-2014 (КПЕС 2008) 25.72.12

Серийный выпуск

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ код ТН ВЭД 8301 40 900 0 8301 40 110 0
ГОСТ 5089-2011, ГОСТ 538-2014

ИЗГОТОВИТЕЛЬ «ILERI PENCERE KAPI SISTEMLERI SAN. ve TIC. AS»
Юридический адрес: Ataturk Sanayi Bolgesi. Omerli Mahallesi. Hakkı İleri Caddesi. No:72
Hadimkoy/Arnavutkoy/İSTANBUL

СЕРТИФИКАТ ВЫДАН Общество с ограниченной ответственностью «Мир Технологий»
Юридический адрес: 117041, город Москва, улица Адмирала Руднева, дом 4, этаж 6, помещение IV, офис 613
Телефон: 74954814150. E-mail: MirTehnologiy@gmail.com
ИНН: 7727346710

НА ОСНОВАНИИ протокола испытаний № 80-22/08 от 09.08.2022 года, выданного испытательным центром Электротехнических изделий «Строймонтаж» Закрытого акционерного общества Научно-производственный центр «СТРОЙМОНТАЖ»

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Схема сертификации: 3с



Руководитель органа

Эксперт



Подпись



Подпись

А.М. Кузнецов
инициалы, фамилия

Ф.Ю. Зубков
инициалы, фамилия



**ДЕРЖАВНА СЛУЖБА УКРАЇНИ З ПИТАНЬ
БЕЗПЕЧНОСТІ ХАРЧОВИХ ПРОДУКТІВ ТА ЗАХИСТУ СПОЖИВАЧІВ**

вул. Б. Грінченка, 1, м. Київ, 01001, тел. 279-12-70, 279-75-58, факс 279-48-83,
e-mail: info@dpss.gov.ua

ЗАТВЕРДЖУЮ

Т.в.о. Голови Держпродспоживслужби
Лордкіпанідзе А. Ю.

(прізвище, ім'я, по батькові)

(підпис)



ВИСНОВОК

державної санітарно-епідеміологічної експертизи

від "07" 16 2022 року

№ 12.2-18-3/ 7873

Об'єкт експертизи: Пристрої поворотні, відкидні, поворотно-відкидні та фурнітура для віконних та дверних блоків, ручки віконні та дверні торгівельної марки "VORNE"

виготовлений у відповідності із -

Код за ДКПП, УКТЗЕД, артикул: 8302

Сфера застосування та реалізації об'єкта експертизи: Будівництво, для виготовлення вікон та дверей. Оптова та роздрібна торгівля

Країна-виробник: Туреччина, "İLERİ PENCERE KAPI SISTEMLERİ Sanayi VE Ticaret AŞ", Ataturk Sanayi Bolgesi, 72 Omerli M Hakki İleri Caddesi, Hadimkoy, Arna Istanbul, 34555, Turkey
(адреса, місцезнаходження, телефон, факс, e-mail, веб-сайт)

Заявник експертизи: Туреччина, "İLERİ PENCERE KAPI SISTEMLERİ Sanayi VE Ticaret AŞ", Ataturk Sanayi Bolgesi, 72 Omerli M Hakki İleri Caddesi, Hadimkoy, Arna Istanbul, 34555, Turkey
(адреса, місцезнаходження, телефон, факс, e-mail, веб-сайт)

Дані про контракт на постачання об'єкта в Україні: Згідно з контрактами на постачання

Об'єкт експертизи відповідає встановленим медичним критеріям безпеки/показникам:

Міграція хімічних речовин в атмосферне повітря: ГДК с.д. бензолу – 0,1 мг/м³; ОБРВ: дибутилфталату – 0,1 мг/м³; хлористого вінілу – 0,005 мг/м³; максимально разова ГДК циклогексанону – 0,04 мг/м³; рівень запаху - 2 бали відповідно до ДСанПіН 8.2.1-181-2012 "Полімерні та полімервмісні матеріали, вироби і конструкції, що застосовуються у будівництві та виробництві меблів. Гігієнічні вимоги", що затверджені наказом Міністерства охорони здоров'я України від 29.12.2012 № 1139, зареєстрованим в Міністерстві юстиції України 9 січня 2013 р. за № 87/22619 та Інструкції 6035.А-91 "Инструкция по санитарно-гигиенической оценке полимерных материалов, предназначенных для применения в строительстве и производстве мебели"..

Необхідними умовами використання / застосування, зберігання, транспортування, утилізації, знищення є: При використанні зазначеної продукції дотримуватись рекомендацій виробника.

За результатами державної санітарно-епідеміологічної експертизи об'єкт експертизи Пристрої поворотні, відкидні, поворотно-відкидні та фурнітура для віконних та дверних блоків, ручки віконні та дверні торгівельної марки "VORNE", за наданим заявником зразком відповідає вимогам діючого санітарного



СЕРТИФІКАТ ВІДПОВІДНОСТІ

СЕРТИФІКАТ СООТВЕТСТВИЯ / CERTIFICATE OF CONFORMITY

Зареєстровано в реєстрі органу сертифікації за № UA.CRT.00252-20
 Зареєстрований в реєстрі органу сертифікації под №/
 Registered at the Record of certification body under №
Термін дії з 07 серпня 2020 **до** 06 серпня 2022
 Срок действия с / Term of validity is from

8302

Продукція **Пристрої поворотні, відкидні, поворотно-відкидні та фурнітура для віконних та дверних блоків, ручки віконні та дверні торгівельної марки 'VORNE'** код УКТ ЗЕД, ТН ЗЕД

Відповідає вимогам
 Соответствует требованиям/
 Comply with the requirements

код ДКНП, ОКП
 ДСТУ Б В.2.6-13:2006 (ГОСТ 538-2001) "Будівельні матеріали. Вироби замкові та скоб'яні. Загальні технічні умови" (п.п. 4.1, 5.3.2-5.3.10, 5.6.1-5.6.5, 5.7.2, 5.9.2, 5.10.1, 5.10.2, 5.11); ДСТУ Б В.2.6-32:2007 (ГОСТ 5088-2005, IDT) "Завіси для віконних та дверних блоків. Технічні умови п.п. 5.2.2-5.2.5; 5.2.7; 5.3.4 ДСТУ Б В.2.6-39:2008 "Конструкції будинків і споруд. Пристрої поворотні, відкидні і поворотно-відкидні для віконних та балконних блоків. Технічні умови" (п.п. 4.1, 5.2, 5.7, 5.8)

Виробник (и)
 Производитель (и)/
 Producer (s)

"İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ" Ataturk Sanayi Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555 Turkey (Туреччина)

Сертифікат видано
 Сертификат выдан/
 Certificate is issued to

"İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ" Ataturk Sanayi Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555 Turkey (Туреччина)

Додаткова інформація
 Дополнительная информация/
 Additional information

пристрої поворотні, відкидні, поворотно-відкидні та фурнітура для віконних та дверних блоків, ручки віконні та дверні торгівельної марки 'VORNE', що виготовляються серійно з 07.08.2020р. до 06.08.2022р. з проведенням технагляду за сертифікованою продукцією один раз на рік

Сертифікат видано органом з сертифікації
 Сертификат выдан органом сертификации/
 Certificate is issued by the certification body

Орган з оцінки відповідності
 ТОВ 'УКРСЕРТІФІКЕЙШН', 33018, м. Рівне, вул.
 Курчатова, 62Д, тел. +38073 77 321 77,
 e-mail:ukrcertification@ukr.net

На підставі **Протоколів сертифікаційних випробувань № 130, № 131, № 132 від 07.08.2020 р.**
 На основании/ **ВЛ ТОВ "УКРСЕРТІФІКЕЙШН" 33018, м. Рівне, вул. Курчатова, 62Д, висновку за**
 On the grounds of **аналізом документації від 16.07.2020р.**



(Handwritten signature)
 (підпис) / (подпись) / (signature)

Н.М. Карпюк
 (ім'я, прізвище) / (имя, фамилия) / (initials, family name)



ОРГАН З ОЦІНКИ ВІДПОВІДНОСТІ
ТОВ «УКРСЕРТИФІКЕЙШН»

СЕРТИФІКАТ ВІДПОВІДНОСТІ
CERTIFICATE OF CONFORMITY

Зареєстровано в реєстрі
ТОВ «УКРСЕРТИФІКЕЙШН» за № **UA.CRT.00093-23**
Registered at the Record of LLC "UKRCERTIFICATION" under №
Термін дії з **02 березня 2023 до 01 березня 2025**
Term of validity is from

Продукція **Фурнітура для дверей: дверні замки та дверні петлі**
Production

8301; 8302

код УКТ ЗЕД

код ДКПП

Відповідає вимогам **ДСТУ Б В.2.6-28:2006 (ГОСТ 5089-2003) п.п. 5.7.1-5.7.5, 5.6.6, 5.6.7, 5.7.1-5.7.19;
Comply with the requirements ДСТУ Б В.2.6-32:2007 (ГОСТ 5088-2005) п.п. 5.2.2, 5.2.3, 5.3.4; ДСТУ EN
12209:2014 р. 5, prEN 15685 р. 5; ДСТУ EN 1935:2019 п.п. 4, 5, 8; EAD 020001-
01-0405 р. 2.2.3, 2.2.3.1, 2.2.3.2, 2.2.4, 2.2.5, 2.2.6, 2.2.7, 2.2.8**

Виробник (и) **“İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ”, Ataturk Sanayi
Producer (s) Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555
Turkey (Туреччина)**

Сертифікат видано **“İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ”, Ataturk Sanayi
Certificate is issued on Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555
Turkey (Туреччина)**

Додаткова інформація **Фурнітура для дверей: дверні замки та дверні петлі, що виготовляються
Additional information серійно з 02 березня 2023 до 01 березня 2025 з проведенням технічного
нагляду за сертифікованою продукцією один раз на рік (схема
сертифікації: сертифікація продукції, що випускається серійно, за аналізом
документів)**

Сертифікат видано органом **Орган з оцінки відповідності ТОВ «УКРСЕРТИФІКЕЙШН»
з оцінки відповідності вул. Володимира Стельмаха, 62Д, м. Рівне, 33018,
Certificate is issued by the conformity assessment body тел. +38073-77-321-77, e-mail: ukrcertification@ukr.net**

На підставі **Протоколів випробувань №№ 281, 282 від 02.03.2023 виданих ВЦ ТОВ
On the grounds of «УКРСЕРТИФІКЕЙШН», 33018, м. Рівне, вул. Володимира Стельмаха, 62Д, висновку за
аналізом документації № 83-Б/СА від 15 лютого 2023**

Керівник органу **Наталія КАРПЮК**
з оцінки відповідності
Director of the conformity assessment body
М.П./Stamp



Чинність сертифіката відповідності можна
перевірити за тел. +38073-77-321-77



ОРГАН З ОЦІНКИ ВІДПОВІДНОСТІ
ТОВ «УКРСЕРТИФІКЕЙШН»

СЕРТИФІКАТ ВІДПОВІДНОСТІ
СЕРТИФИКАТ СООТВЕТСТВИЯ / CERTIFICATE OF CONFORMITY

Зареєстровано в реєстрі
ТОВ «УКРСЕРТИФІКЕЙШН» за № **UA.CRT.00278-22**
Зареєстрован в реєстрі ООО «УКРСЕРТИФИКЕЙШН» под № /
Registered at the Record of LLC "UKRCERTIFICATION" under №
Термін дії з **05 серпня 2022 до 04 серпня 2024**
Срок действия с / Term of validity is from

Продукція **Пристрої поворотні, відкидні, поворотно-відкидні та фурнітура**
Продукция/ для віконних та дверних блоків, ручки віконні та дверні
Production торгівельної марки 'VORNE'

8302

код УКТ ЗЕД, ТН ЗЕД

код ДКПП, ОКП

Відповідає вимогам
Соответствует требованиям/
Comply with the requirements

ДСТУ Б В.2.6-13:2006 (ГОСТ 538-2001) "Будівельні матеріали. Вироби замкові та скоб'яні. Загальні технічні умови" (п.п. 4.1, 5.3.2-5.3.10, 5.6.1-5.6.5, 5.7.2, 5.9.2, 5.10.1, 5.10.2, 5.11)
ДСТУ Б В.2.6-32:2007 (ГОСТ 5088-2005, IDT) "Завіси для віконних та дверних блоків. Технічні умови п.п 5.2.2-5.2.5; 5.2.7; 5.3.4
ДСТУ Б В.2.6-39:2008 "Конструкції будинків і споруд. Пристрої поворотні, відкидні і поворотно-відкидні для віконних та балконних блоків. Технічні умови" (п.п. 4.1, 5.2, 5.7, 5.8)

Виробник (и)
Производитель (и)/
Producer (s)

"İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ", Ataturk Sanayi Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555 Turkey (Туреччина)

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Certificate is issued on

"İLERİ PENCERE KAPI SİSTEMLERİ Sanayi VE Ticaret AŞ", Ataturk Sanayi Bolgesi, 72 Omerli M Hakki Ileri Caddesi, Hadimkoy, Arna Istanbul, 34555 Turkey (Туреччина)

Додаткова інформація
Дополнительная информация/
Additional information

Пристрої поворотні, відкидні, поворотно-відкидні та фурнітура для віконних та дверних блоків, ручки віконні та дверні торгівельної марки 'VORNE', що виготовляються серійно з 05 серпня 2022 до 04 серпня 2024 з проведенням технічного нагляду за сертифікованою продукцією один раз на рік (схема сертифікації: сертифікація продукції, що випускається серійно, за аналізом документів)

Сертифікат видано органом з оцінки відповідності
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Certificate is issued by the conformity assessment body

Орган з оцінки відповідності ТОВ «УКРСЕРТИФІКЕЙШН»
33018, м. Рівне, вул. Курчатова, 62Д,
тел. +38073-77-321-77, e-mail: ukrcertification@ukr.net

На підставі
На основании/
On the grounds of

Протоколів випробувань № 1570, № 1571, № 1572 від 04.08.2022р. ВЦ ТОВ «УКРСЕРТИФІКЕЙШН», 33018, м. Рівне, вул. Курчатова, 62Д, висновку за аналізом документації № 332-Б/СА від 18 липня 2022

Керівник органу з оцінки відповідності
Руководитель органа оценки соответствия/
Director of the conformity assessment body

Карпюк Н. М.

(підпис, ініціали, прізвище) / (подпись, инициалы, фамилия) / (signature, initials, family name)
М.П./М.П./Stamp

Чинність сертифіката відповідності можна перевірити за тел. +38073-77-321-77



Catalog Guide

Window & Door Types



Turn Only



Vasistas



Tilt & Turn



Pitched Window



Double Sash / Turn Only & Turn Only



Double Sash / Turn Only & Tilt & Turn

Abbreviations

TO Turn Only

T&T Tilt & Turn

RC Regular Cam

SC Security Cam

HH Hidden Hinge

SRH Sash Rectangular Height

SRW Sash Rectangular Width

KA Range of Use

KYO Variable

KYS Constant

MH Mini Ventilation

KH Adjustable Ventilation

isp. Gear

L Left

R Right



PENCERE & KAPI SİSTEMLERİ