

Moving Systems
Innovative Solutions!



WINDOW & DOOR SYSTEMS

Turn Systems

Symmetrical Hinge System

"more moving, more comfort,"



Symmetrical Hinge Application



scissor hinge



Ideal application
solution for
heavy sashes.

fold rotating
hinge



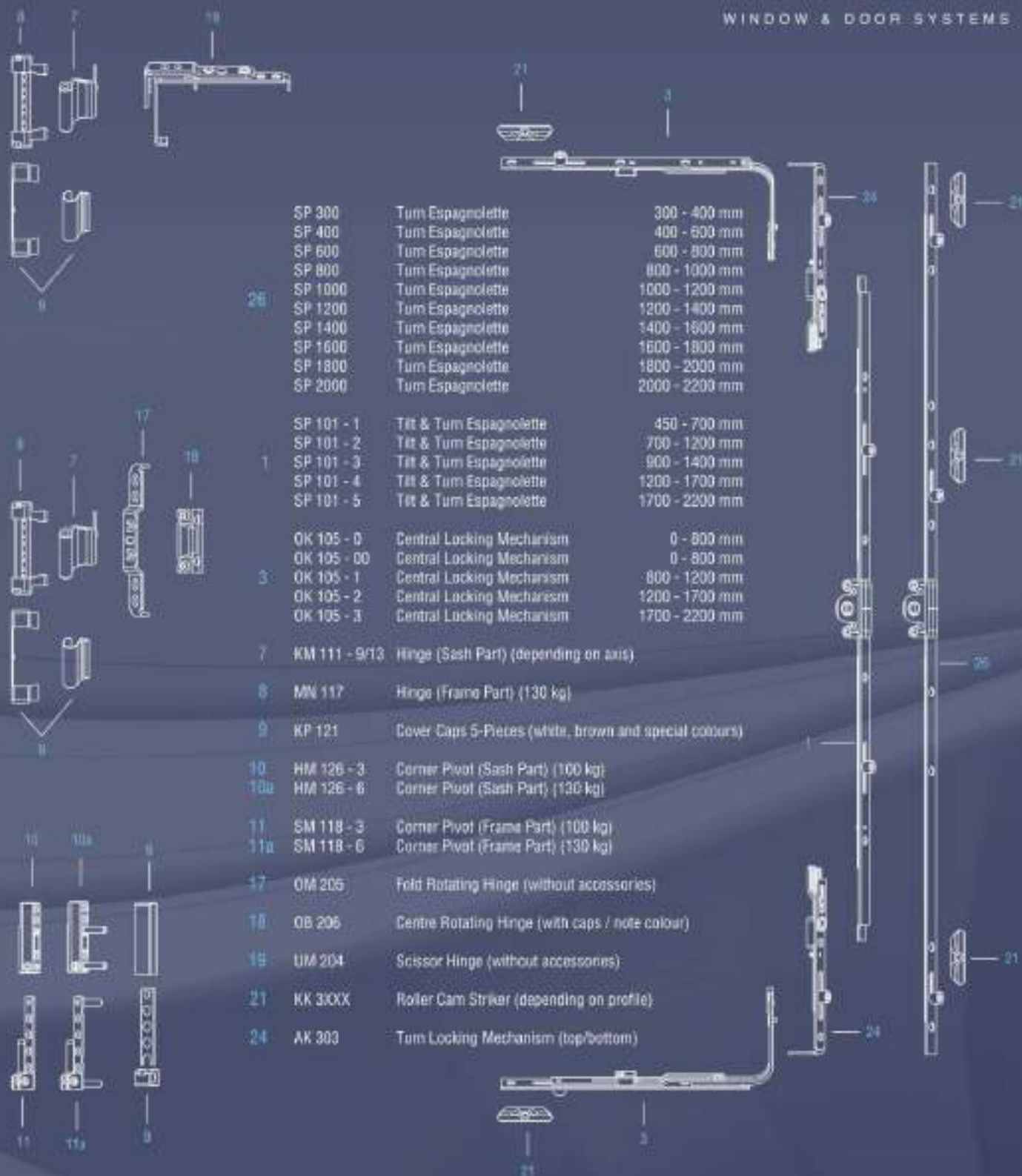
Without maintenance longtime usage
Modern look by special silver coating
Indefinite solutions by original designs
Perfect security steps with complete security

Symmetrical Hinge System

Turn System Diagramm (7.5 mm / 15.5 mm)



WINDOW & DOOR SYSTEMS



Moving Systems
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WINDOW & DOOR SYSTEMS

Tilt & Turn Systems

Vertical Tilt & Turn System

"more moving, more comfort,."



hinge group
with special
mounting feature



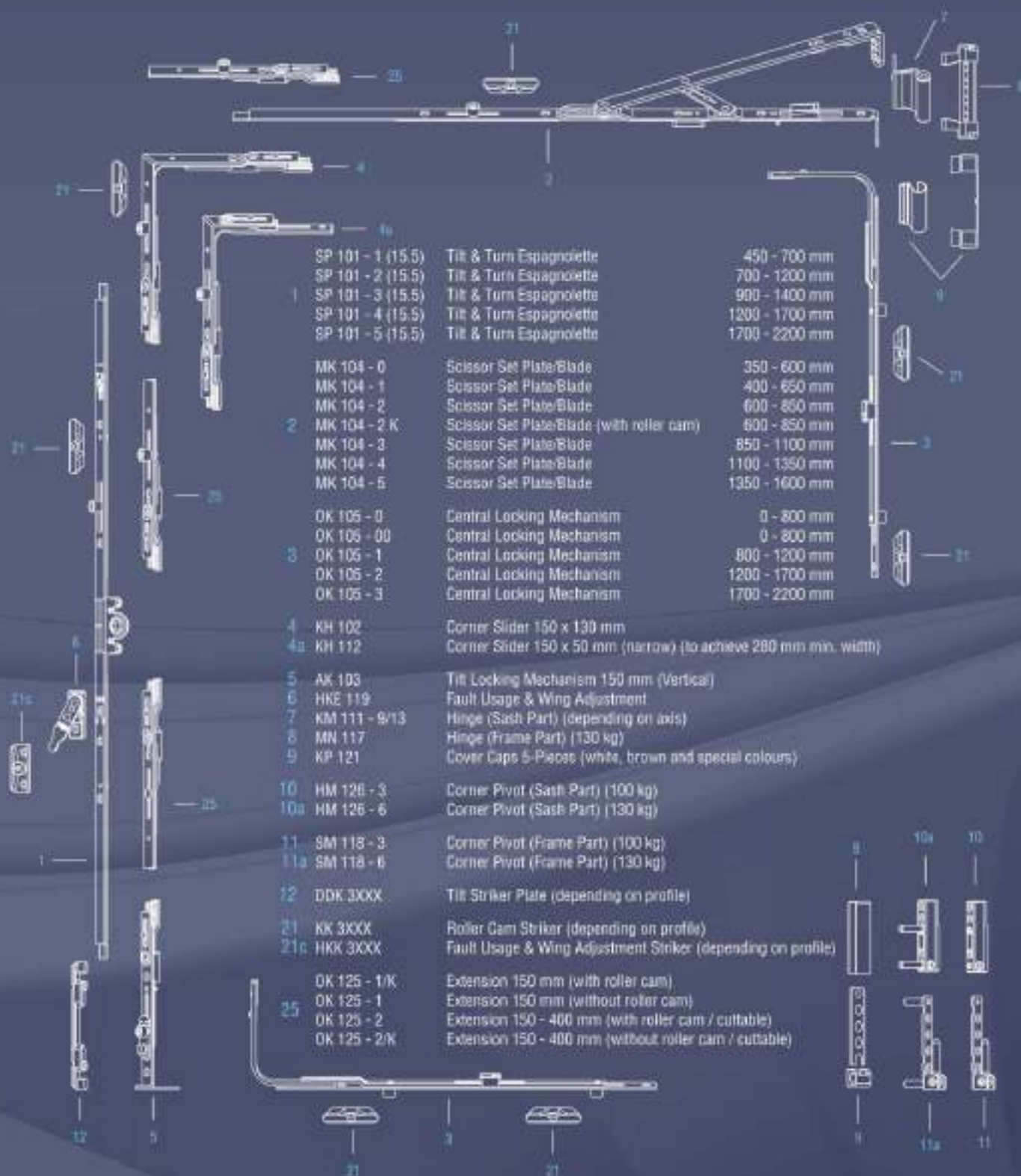
Without maintenance longtime usage
Modern look by special silver coating
Indefinite solutions by original designs
Perfect security steps with complete security

Tilt & Turn System (Vertical)

Tilt & Turn Diagramm (15.5 mm)



WINDOW & DOOR SYSTEMS



DD05 / Rev 0 - 11/2006

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WINDOW & DOOR SYSTEMS

Tilt & Turn Systems

Horizontal Tilt & Turn System

"more moving, more comfort,"



security
application



night
ventilation
part



night
ventilation
part striker

security
striker group



Without maintenance longtime usage
Modern look by special silver coating
Indefinite solutions by original designs
Perfect security steps with complete security

Tilt & Turn System (Horizontal)

Tilt & Turn Diagramm (15.5 mm)



WINDOW & DOOR SYSTEMS



DD05 / Rev.0 - 11/2006

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WINDOW & DOOR SYSTEMS

Double Sash Systems

Slave Gearing System
Bolt System

"more moving, more comfort,"



bolt system bolts



slave gearing
system bolts

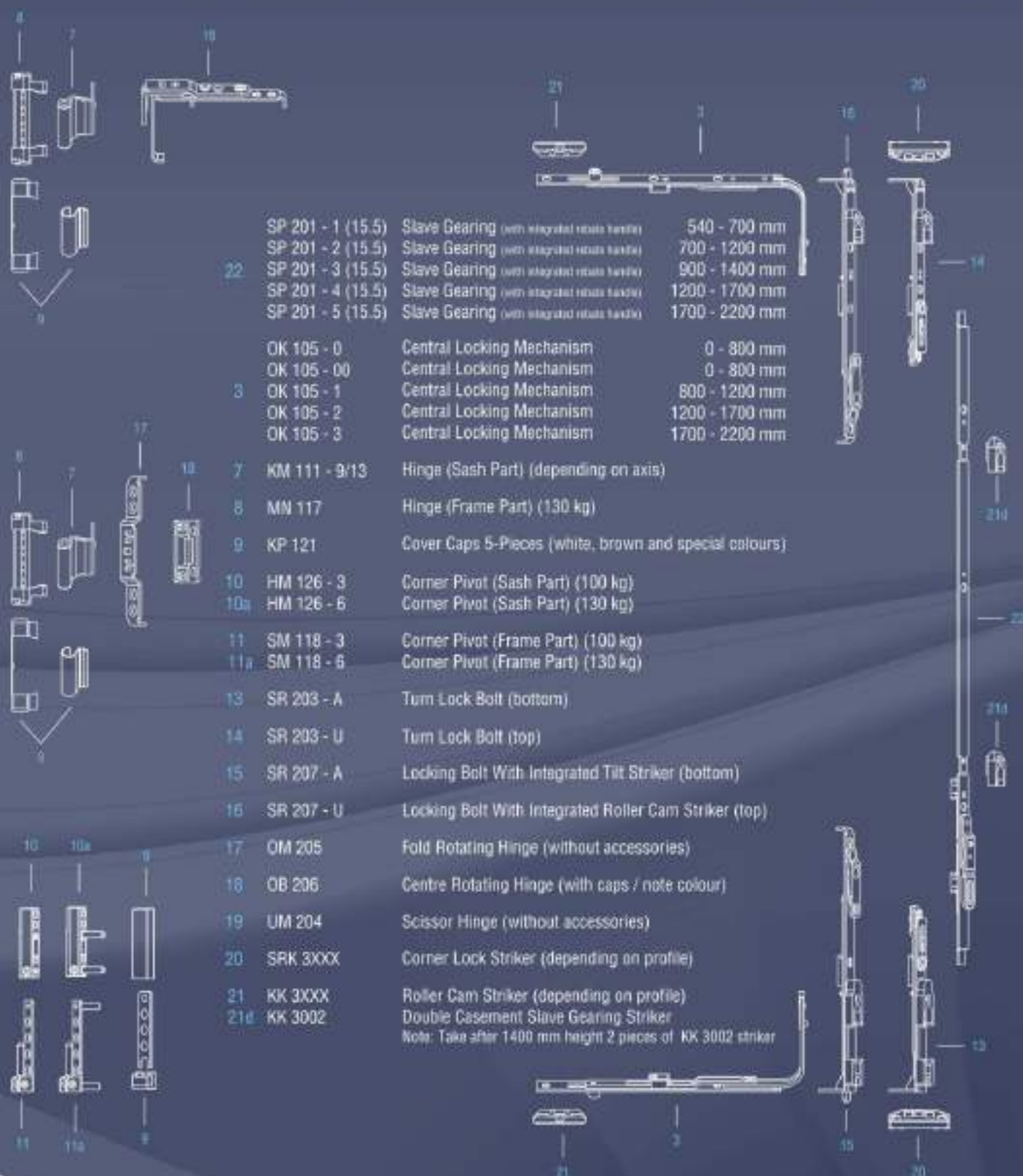
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Indefinite solutions by original designs
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Slave Gearing System Bolt System

Double Sash System Diagramm



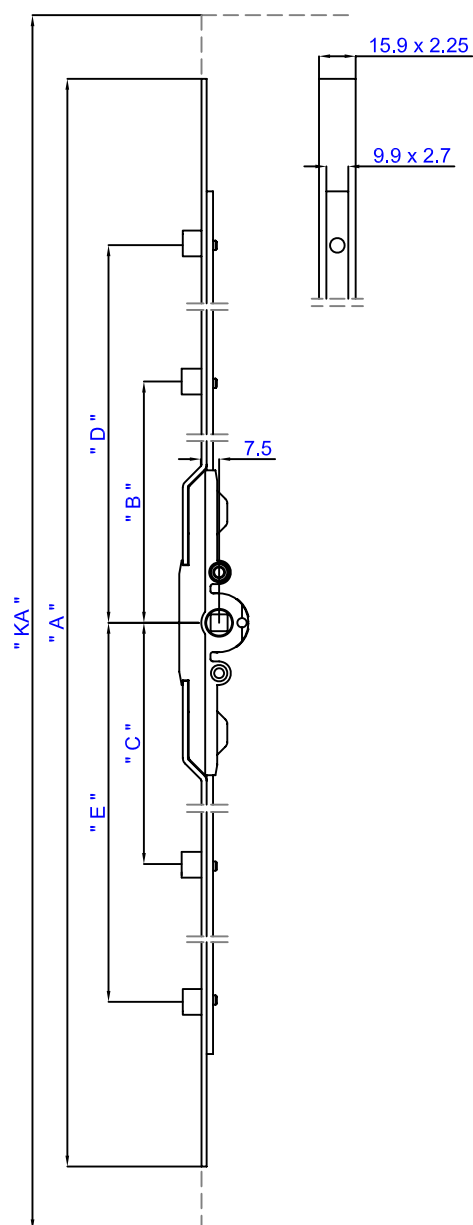
WINDOW & DOOR SYSTEMS



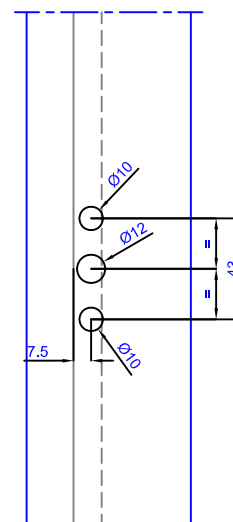
Moving Systems
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TURN ESPAGNOLETTES (7.5 mm)

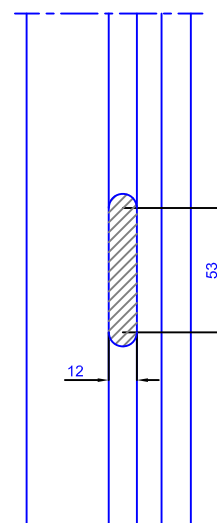
3.1.1.1.



Sash Application Crosscut



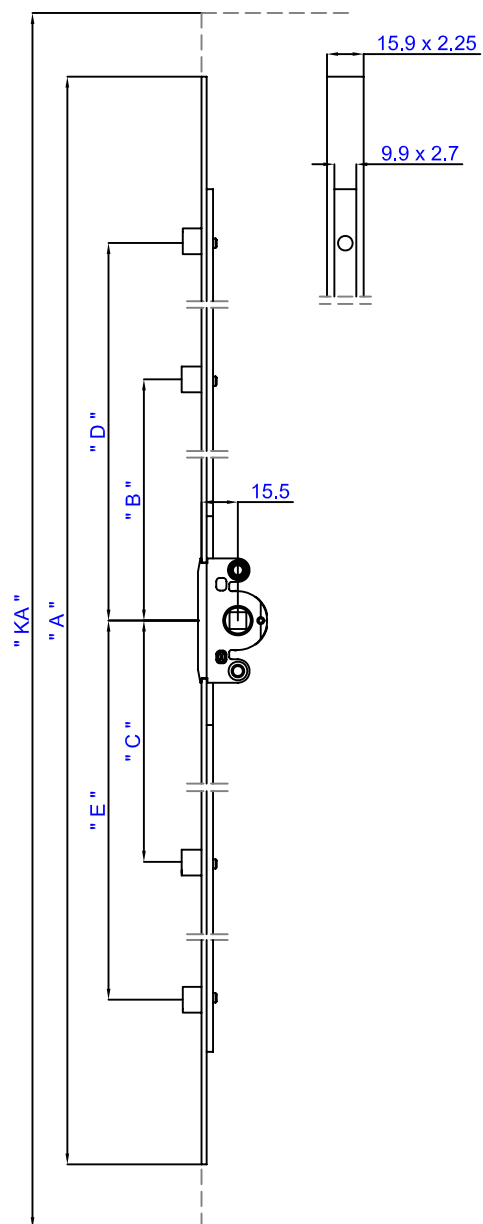
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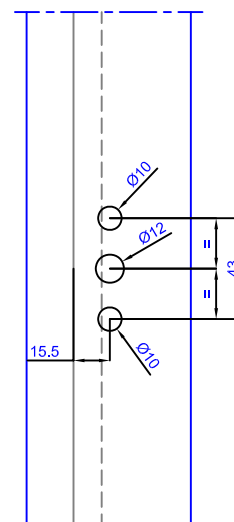
Article Code	" KA "	" A "	" B "	" C "	" D "	" E "		
SP 400 (7.5)	395 - 595	395	-	-	126.5	144.5	2	4
SP 600 (7.5)	595 - 795	595	-	-	226.5	244.5	2	6
SP 800 (7.5)	795 - 995	795	-	-	326.5	344.5	2	6
SP 1000 (7.5)	995 - 1195	995	102.5	-	426.5	444.5	3	9
SP 1200 (7.5)	1195 - 1395	1195	102.5	-	526.5	544.5	3	9
SP 1400 (7.5)	1395 - 1595	1395	102.5	-	626.5	644.5	3	9
SP 1600 (7.5)	1595 - 1795	1595	102.5	-	726.5	744.5	3	11
SP 1600 (7.5)-4	1595 - 1795	1595	102.5	-	726.5	744.5	4	11
SP 1800 (7.5)	1795 - 1995	1795	102.5	-	826.5	844.5	3	11
SP 1800 (7.5)-4	1795 - 1995	1795	102.5	-	826.5	844.5	4	11
SP 2000 (7.5)	1995 - 2195	1995	266.5	284.5	926.5	944.5	4	14

TURN ESPAGNOLETTES (15.5 mm)

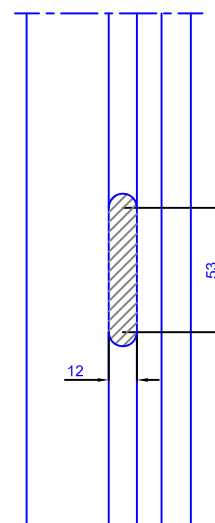
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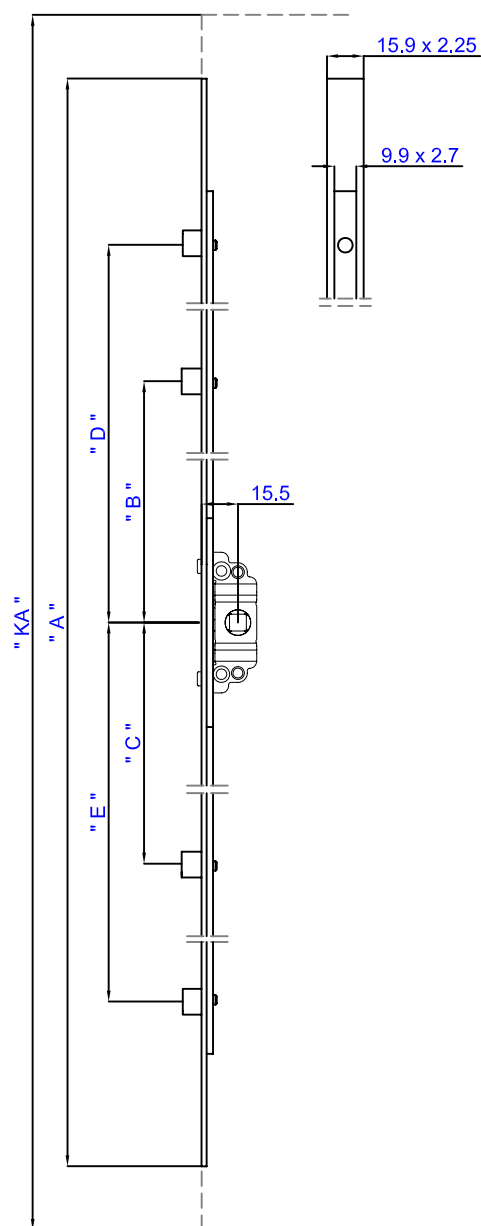
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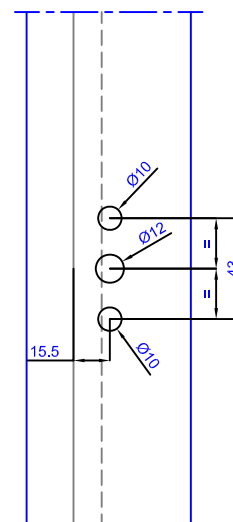
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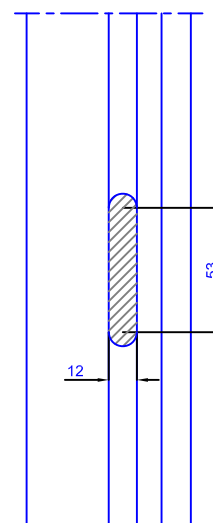
Article Code	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)	" D " (mm)	" E " (mm)		
SP 300 (15.5)	300 - 400	300	-	-	79	97	2	4
SP 400 (15.5)	400 - 600	400	-	-	129	147	2	4
SP 600 (15.5)	600 - 800	600	-	-	229	247	2	6
SP 800 (15.5)	800 - 1000	800	-	-	329	347	2	6
SP 1000 (15.5)	1000 - 1200	1000	105	-	429	447	3	9
SP 1200 (15.5)	1200 - 1400	1200	105	-	529	547	3	9
SP 1400 (15.5)	1400 - 1600	1400	105	-	629	647	3	9
SP 1600 (15.5)	1600 - 1800	1600	105	-	729	747	3	11
SP 1600 (15.5)-4	1600 - 1800	1600	105	-	729	747	4	11
SP 1800 (15.5)	1800 - 2000	1800	105	-	829	847	3	11
SP 1800 (15.5)-4	1800 - 2000	1800	105	-	829	847	4	11
SP 2000 (15.5)	2000 - 2200	2000	269	287	929	947	4	14



Sash Application Crosscut



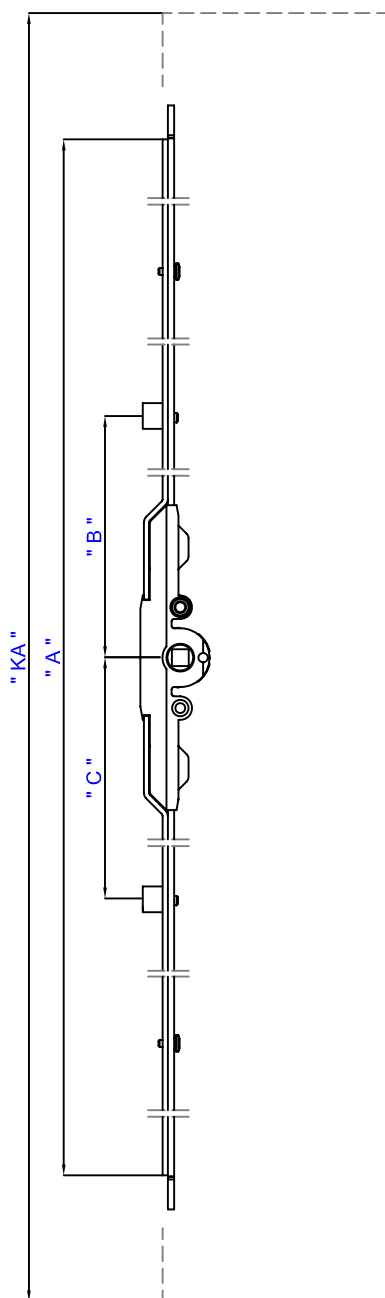
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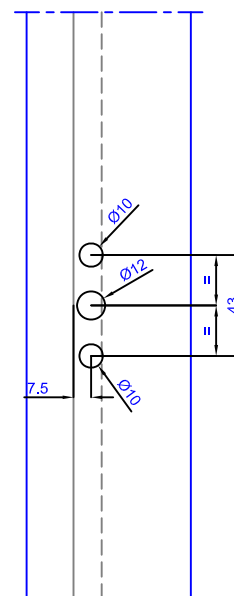
Article Code	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)	" D " (mm)	" E " (mm)		
SPM 300 (15.5)	300 - 400	300	-	-	79	97	2	4
SPM 400 (15.5)	400 - 600	400	-	-	129	147	2	4
SPM 600 (15.5)	600 - 800	600	-	-	229	247	2	6
SPM 800 (15.5)	800 - 1000	800	-	-	329	347	2	6
SPM 1000 (15.5)	1000 - 1200	1000	105	-	429	447	3	9
SPM 1200 (15.5)	1200 - 1400	1200	105	-	529	547	3	9
SPM 1400 (15.5)	1400 - 1600	1400	105	-	629	647	3	9
SPM 1600 (15.5)	1600 - 1800	1600	105	-	729	747	3	11
SPM 1600 (15.5)-4	1600 - 1800	1600	105	-	729	747	4	11
SPM 1800 (15.5)	1800 - 2000	1800	105	-	829	847	3	11
SPM 1800 (15.5)-4	1800 - 2000	1800	105	-	829	847	4	11
SPM 2000 (15.5)	2000 - 2200	2000	269	287	929	947	4	14

TILT & TURN ESPAGNOLETTES (7.5 mm)

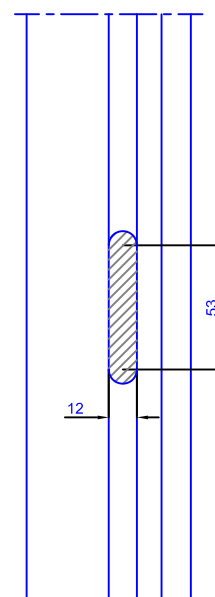
3.1.2.1.



Sash Application Crosscut



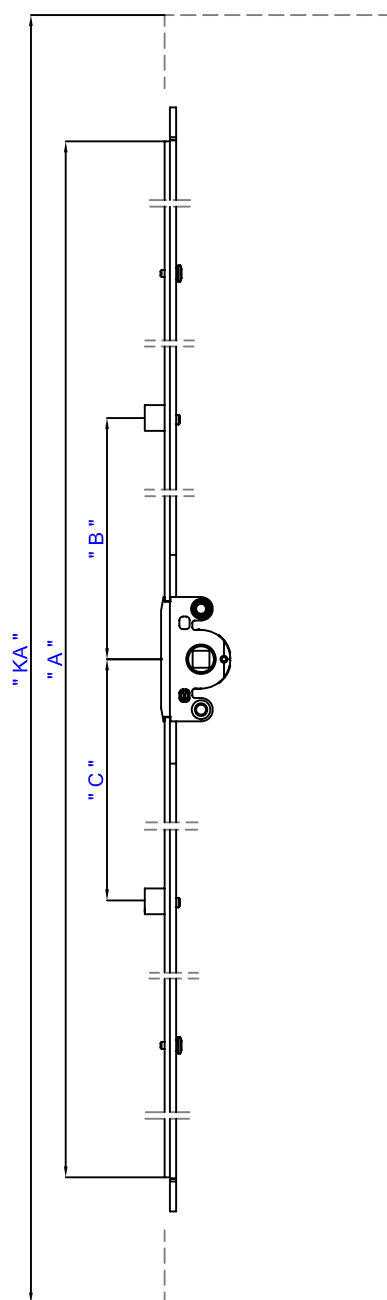
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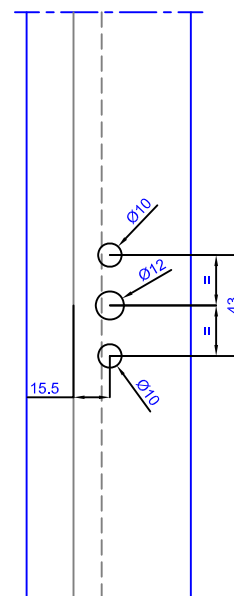
Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)		
SP 101-1 (7.5)	Tilt & Turn Espagnolette	495 - 695	395	-	-	-	-
SP 101-2 (7.5)	Tilt & Turn Espagnolette	695 - 1195	895	111	-	1	4
SP 101-3 (7.5)	Tilt & Turn Espagnolette	895 - 1395	1095	111	-	1	4
SP 101-4 (7.5)	Tilt & Turn Espagnolette	1195 - 1695	1395	250	250	2	6
SP 101-5 (7.5)	Tilt & Turn Espagnolette	1695 - 2195	1895	350	350	2	6

TILT & TURN ESPAGNOLETTES (15.5 mm)

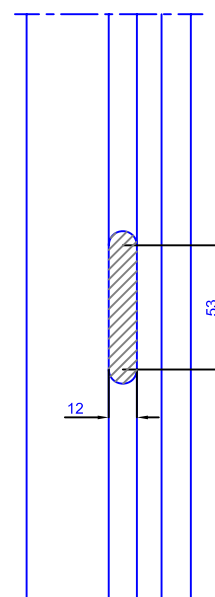
3.1.2.2.



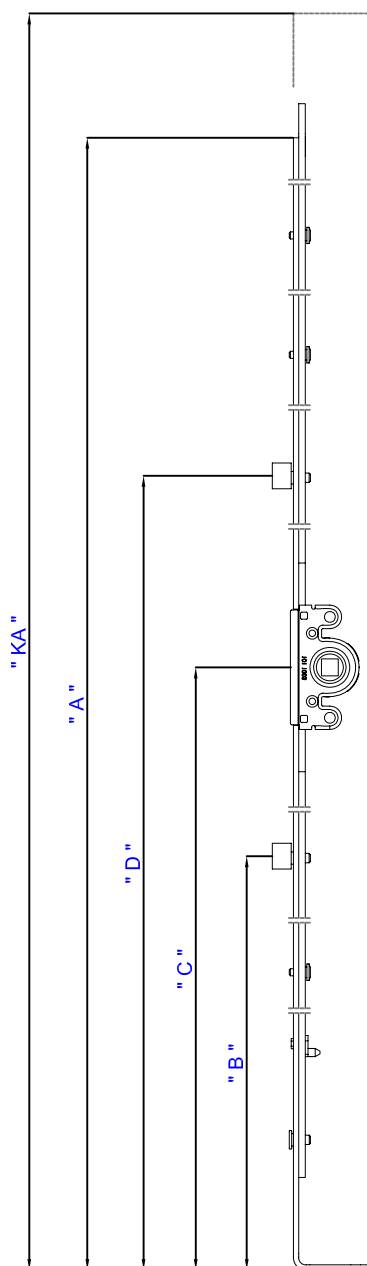
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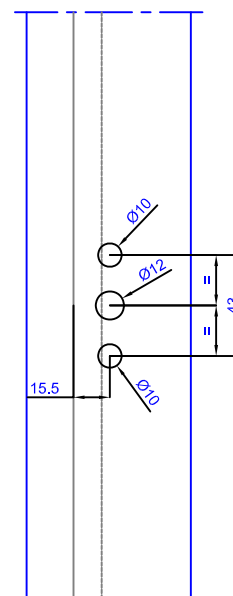
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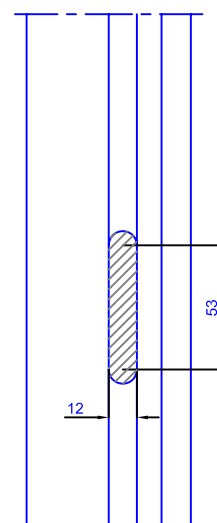
Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)		
SP 101-1 (15.5)	Tilt & Turn Espagnolette	450 - 700	400	-	-	-	-
SP 101-2 (15.5)	Tilt & Turn Espagnolette	700 - 1200	900	111	-	1	4
SP 101-3 (15.5)	Tilt & Turn Espagnolette	900 - 1400	1100	111	-	1	4
SP 101-4 (15.5)	Tilt & Turn Espagnolette	1200 - 1700	1400	250	250	2	6
SP 101-5 (15.5)	Tilt & Turn Espagnolette	1700 - 2200	1900	350	350	2	6



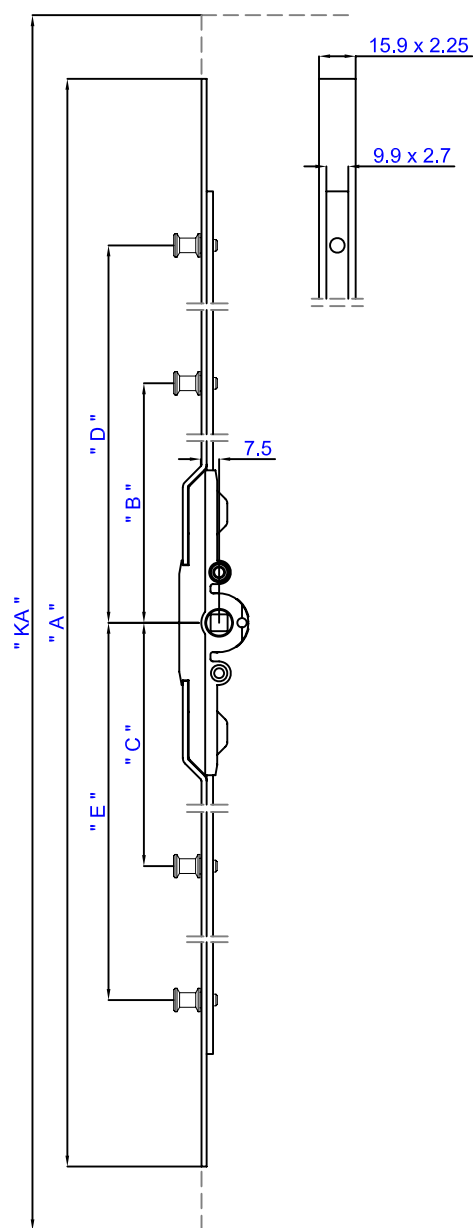
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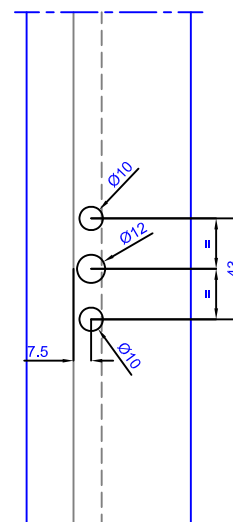
Sash Application Crosscut



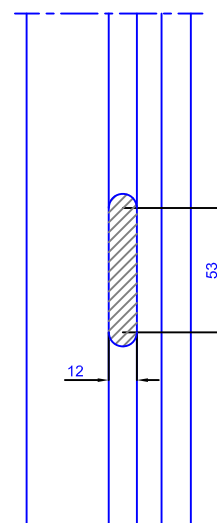
Article Code	Description	" KA "	" A "	" B "	" C "	" D "		
SP 110-1	T/T Fixed Handle Height	480 - 600	580	-	170	-	-	-
SP 110-2	T/T Fixed Handle Height	600 - 850	700	-	270	381	1	3
SP 110-3	T/T Fixed Handle Height	850 - 1100	950	-	400	511	1	4
SP 110-4	T/T Fixed Handle Height	1100 - 1350	1200	-	500	721	1	6
SP 110-5	T/T Fixed Handle Height	1350 - 1600	1450	721	600	1100	2	6
SP 110-6	T/T Fixed Handle Height	1600 -1850	1700	721	600	1350	2	6
SP 110-7	T/T Fixed Handle Height	1600 -1850	1700	721	1000	1350	2	6
SP 110-8	T/T Fixed Handle Height	1850 -2100	1950	721	1000	1350	2	7
SP 110-9	T/T Fixed Handle Height	2100- 2350	2200	721	1000	1350	2	8



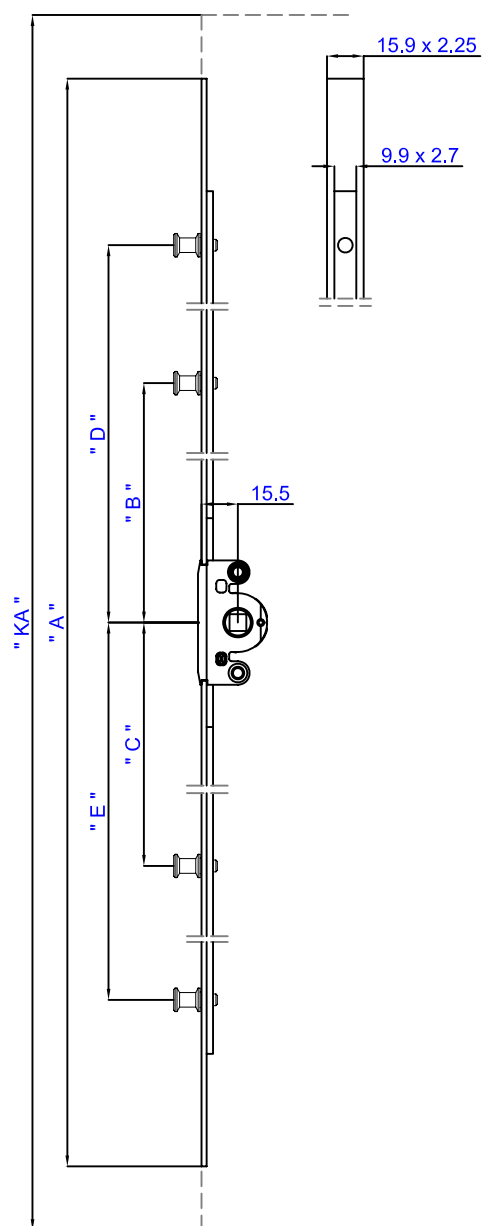
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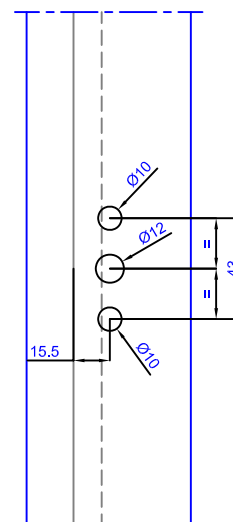
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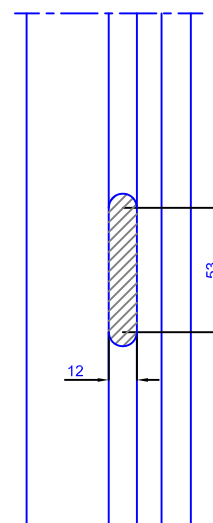
Article Code	" KA "	" A "	" B "	" C "	" D "	" E "		
SP-S 400 7.5	395 - 595	395	-	-	126.5	144.5	2	4
SP-S 600 7.5	595 - 795	595	-	-	226.5	244.5	2	6
SP-S 800 7.5	795 - 995	795	-	-	326.5	344.5	2	6
SP-S 1000 7.5	995 - 1195	995	102.5	-	426.5	444.5	3	9
SP-S 1200 7.5	1195 - 1395	1195	102.5	-	526.5	544.5	3	9
SP-S 1400 7.5	1395 - 1595	1395	102.5	-	626.5	644.5	3	9
SP-S 1600 7.5	1595 - 1795	1595	102.5	-	726.5	744.5	3	11
SP-S 1600 7.5-4	1595 - 1795	1595	102.5	-	726.5	744.5	4	11
SP-S 1800 7.5	1795 - 1995	1795	102.5	-	826.5	844.5	3	11
SP-S 1800 7.5-4	1795 - 1995	1795	102.5	-	826.5	844.5	4	11
SP-S 2000 7.5	1995 - 2195	1995	266.5	284.5	926.5	944.5	4	14



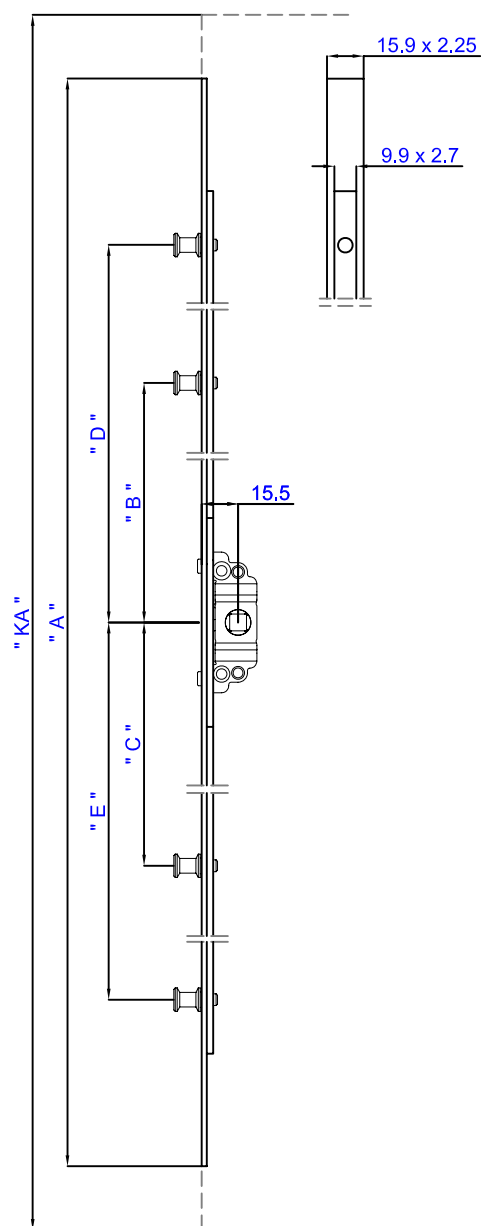
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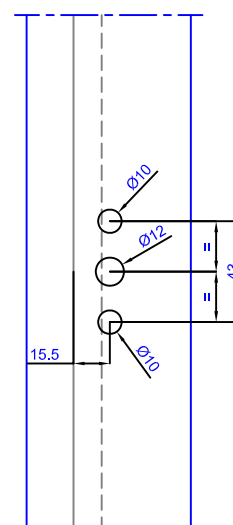
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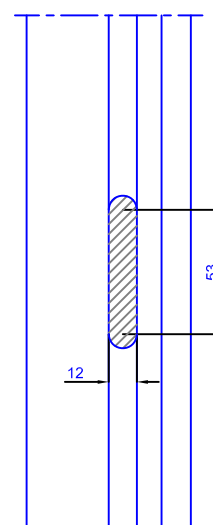
Article Code	" KA "	" A "	" B "	" C "	" D "	" E "		
SP-S 300 15.5	300 - 400	300	-	-	79	97	2	4
SP-S 400 15.5	400 - 600	400	-	-	129	147	2	4
SP-S 600 15.5	600 - 800	600	-	-	229	247	2	6
SP-S 800 15.5	800 - 1000	800	-	-	329	347	2	6
SP-S 1000 15.5	1000 - 1200	1000	105	-	429	447	3	9
SP-S 1200 15.5	1200 - 1400	1200	105	-	529	547	3	9
SP-S 1400 15.5	1400 - 1600	1400	105	-	629	647	3	9
SP-S 1600 15.5	1600 - 1800	1600	105	-	729	747	3	11
SP-S 1600 15.5-4	1600 - 1800	1600	105	-	729	747	4	11
SP-S 1800 15.5	1800 - 2000	1800	105	-	829	847	3	11
SP-S 1800 15.5-4	1800 - 2000	1800	105	-	829	847	4	11
SP-S 2000 15.5	2000 - 2200	2000	269	287	929	947	4	14



Sash Application Crosscut



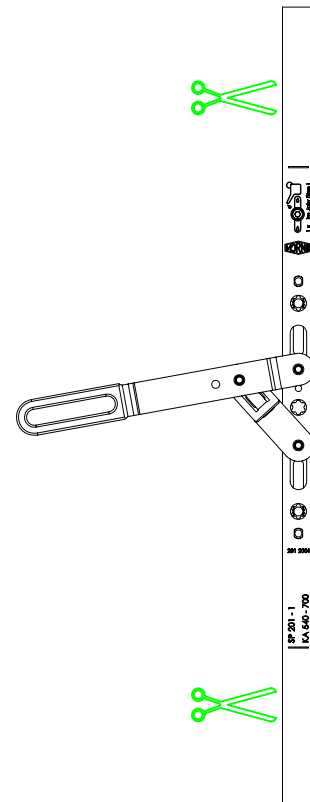
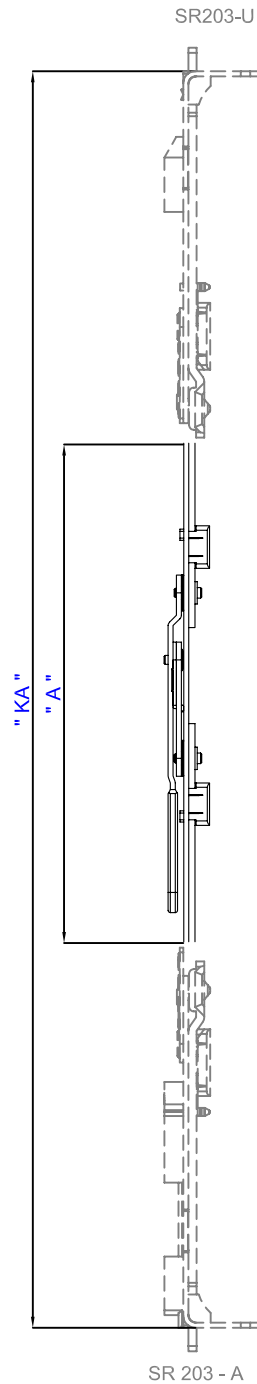
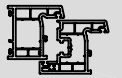
Sash Application Crosscut



Article Code	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)	" D " (mm)	" E " (mm)		
SP-MS 300 15.5	300 - 400	300	-	-	79	97	2	4
SP-MS 400 15.5	400 - 600	400	-	-	129	147	2	4
SP-MS 600 15.5	600 - 800	600	-	-	229	247	2	6
SP-MS 800 15.5	800 - 1000	800	-	-	329	347	2	6
SP-MS 1000 15.5	1000 - 1200	1000	105	-	429	447	3	9
SP-MS 1200 15.5	1200 - 1400	1200	105	-	529	547	3	9
SP-MS 1400 15.5	1400 - 1600	1400	105	-	629	647	3	9
SP-MS 1600 15.5	1600 - 1800	1600	105	-	729	747	3	11
SP-MS 1600 15.5-4	1600 - 1800	1600	105	-	729	747	4	11
SP-MS 1800 15.5	1800 - 2000	1800	105	-	829	847	3	11
SP-MS 1800 15.5-4	1800 - 2000	1800	105	-	829	847	4	11
SP-MS 2000 15.5	2000 - 2200	2000	269	287	929	947	4	14

SLAVE GEARING (integrated rebate handle)

3.1.4.1.

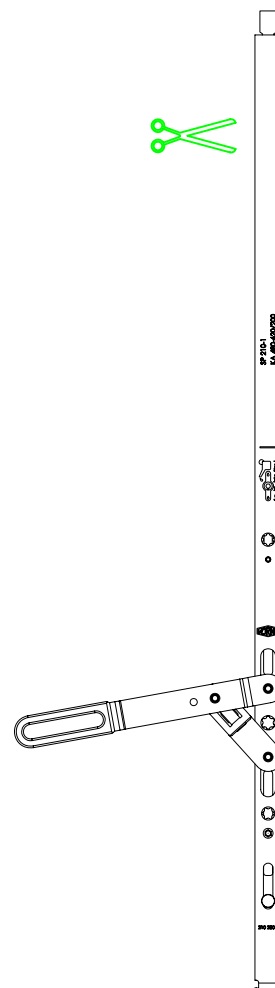
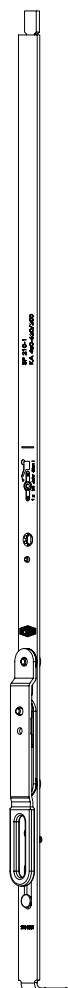
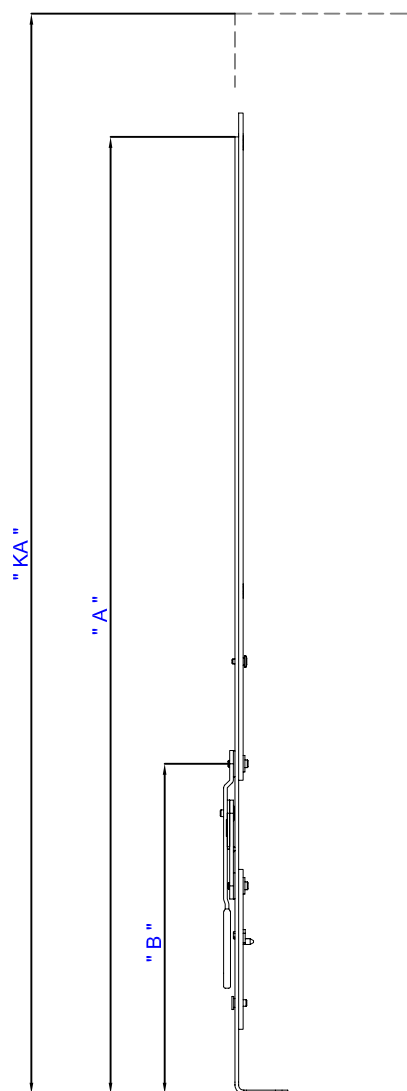
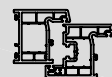


For cut to length the espagnolette, rebate handle must be in open position.

Article Code	Description	" KA "	" A "		
SP 201-1	Slave Gearing	540 - 700	400	-	3
SP 201-2	Slave Gearing	700 - 1200	900	1	4
SP 201-3	Slave Gearing	900 - 1400	1100	1	5
SP 201-4	Slave Gearing	1200 - 1700	1400	2	7
SP 201-5	Slave Gearing	1700 - 2200	1900	2	7

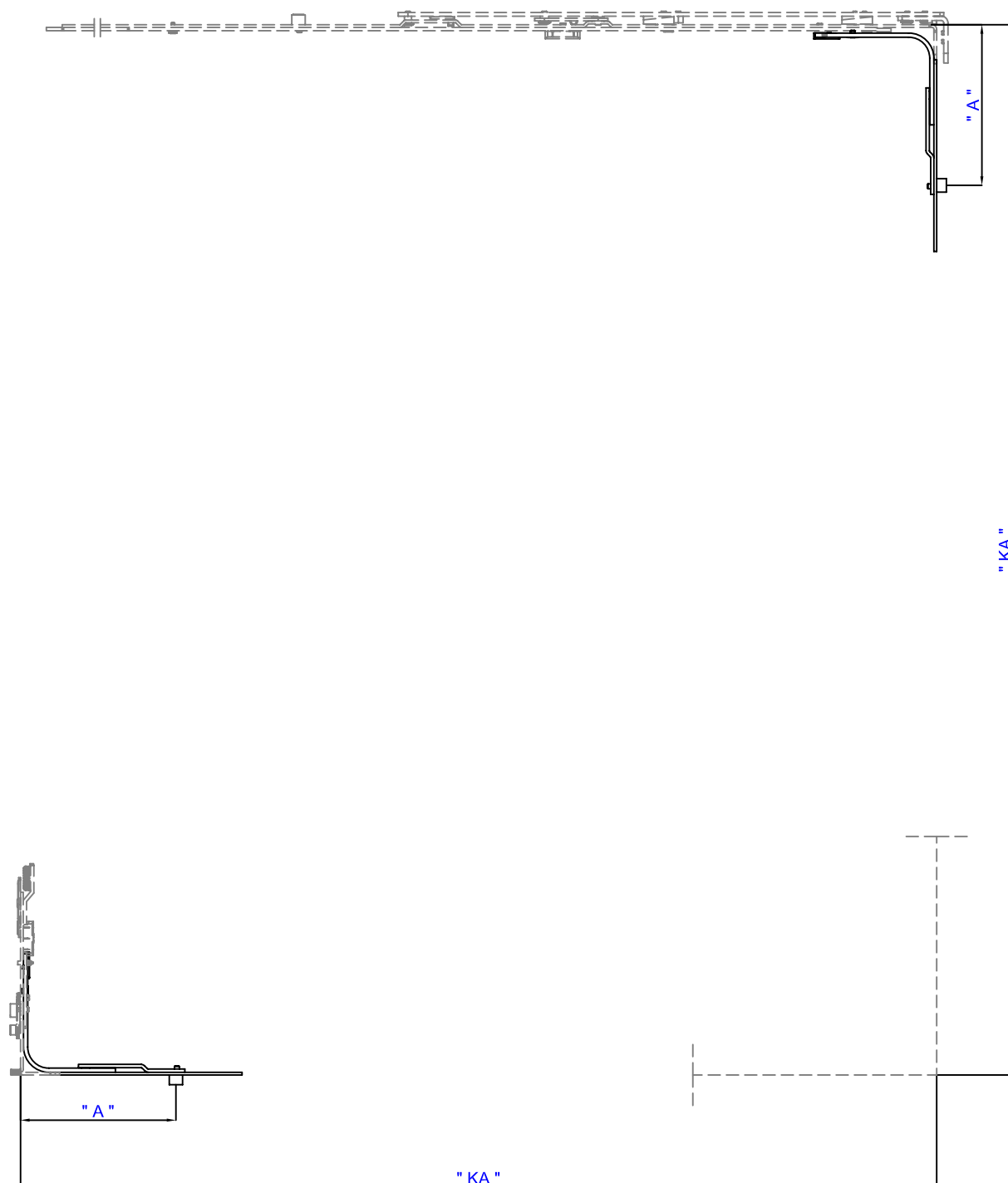
SLAVE GEARING (compatible with fixed handle height esp.) (integrated rebate handle)

3.1.4.2.

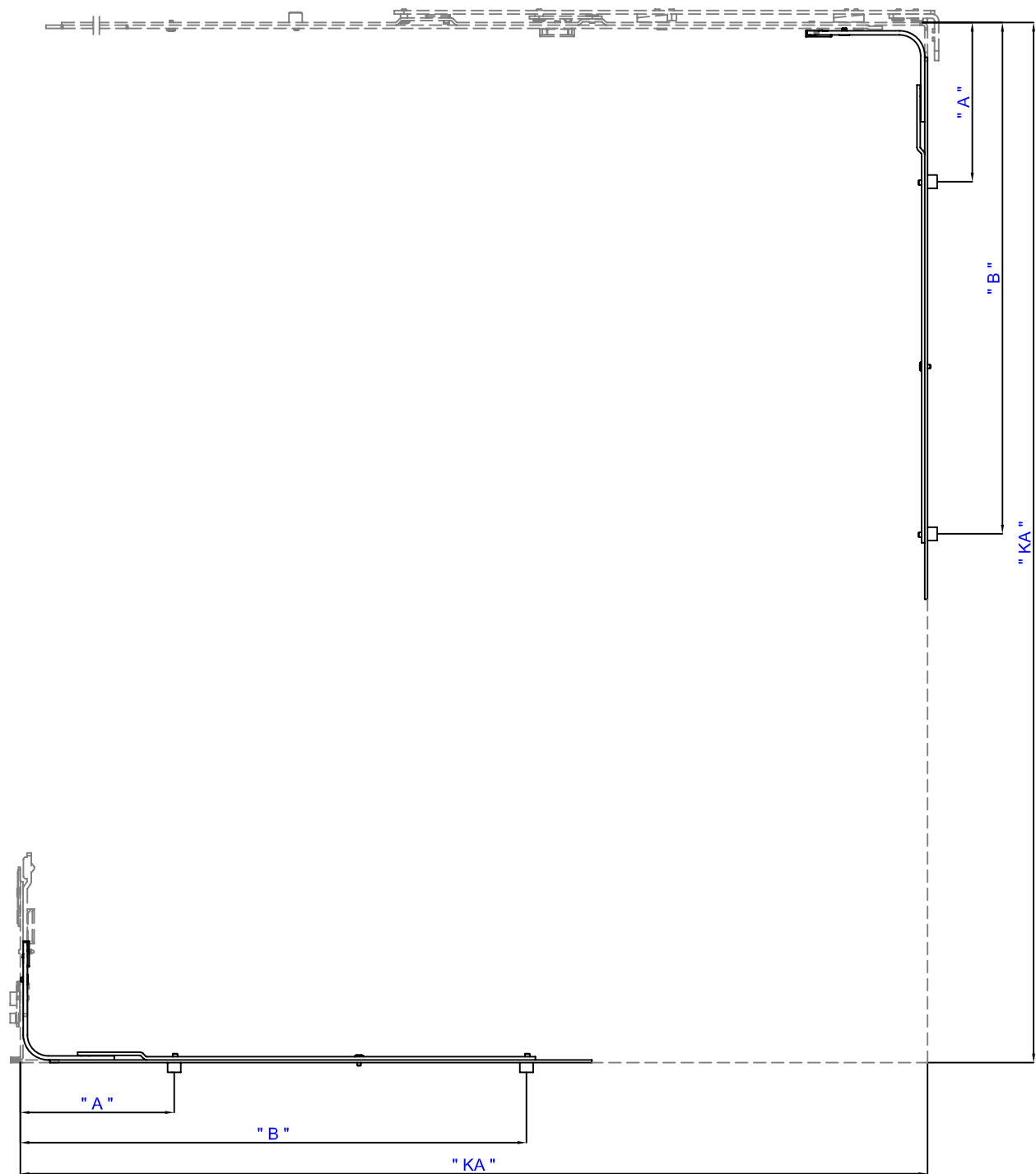
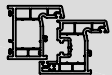


For cut to length the espagnolette, rebate handle must be in open position.

Article Code	Description	" KA "	" A "	" B "		
SP 210-1	Slave Gearing (compatible with fixed esp.)	480 - 620	580	200	-	3
SP 210-2	Slave Gearing (compatible with fixed esp.)	620 - 850	700	340	1	2
SP 210-3	Slave Gearing (compatible with fixed esp.)	850 - 1100	950	200	1	4
SP 210-4	Slave Gearing (compatible with fixed esp.)	1100 - 1350	1200	200	1	4
SP 210-5	Slave Gearing (compatible with fixed esp.)	1350 - 1600	1450	500	2	4
SP 210-6	Slave Gearing (compatible with fixed esp.)	1600 - 1850	1700	500	2	4
SP 210-7	Slave Gearing (compatible with fixed esp.)	1850 - 2100	1950	500	2	5
SP 210-8	Slave Gearing (compatible with fixed esp.)	2100 - 2350	2200	500	2	6

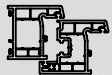


Article Code	Description	" KA " (mm)	" A " (mm)		
OK 105 - 0	Central Locking Mechanism	- 800	128	1	2
OK 105 - 00	Central Locking Mechanism	- 800	280	1	2

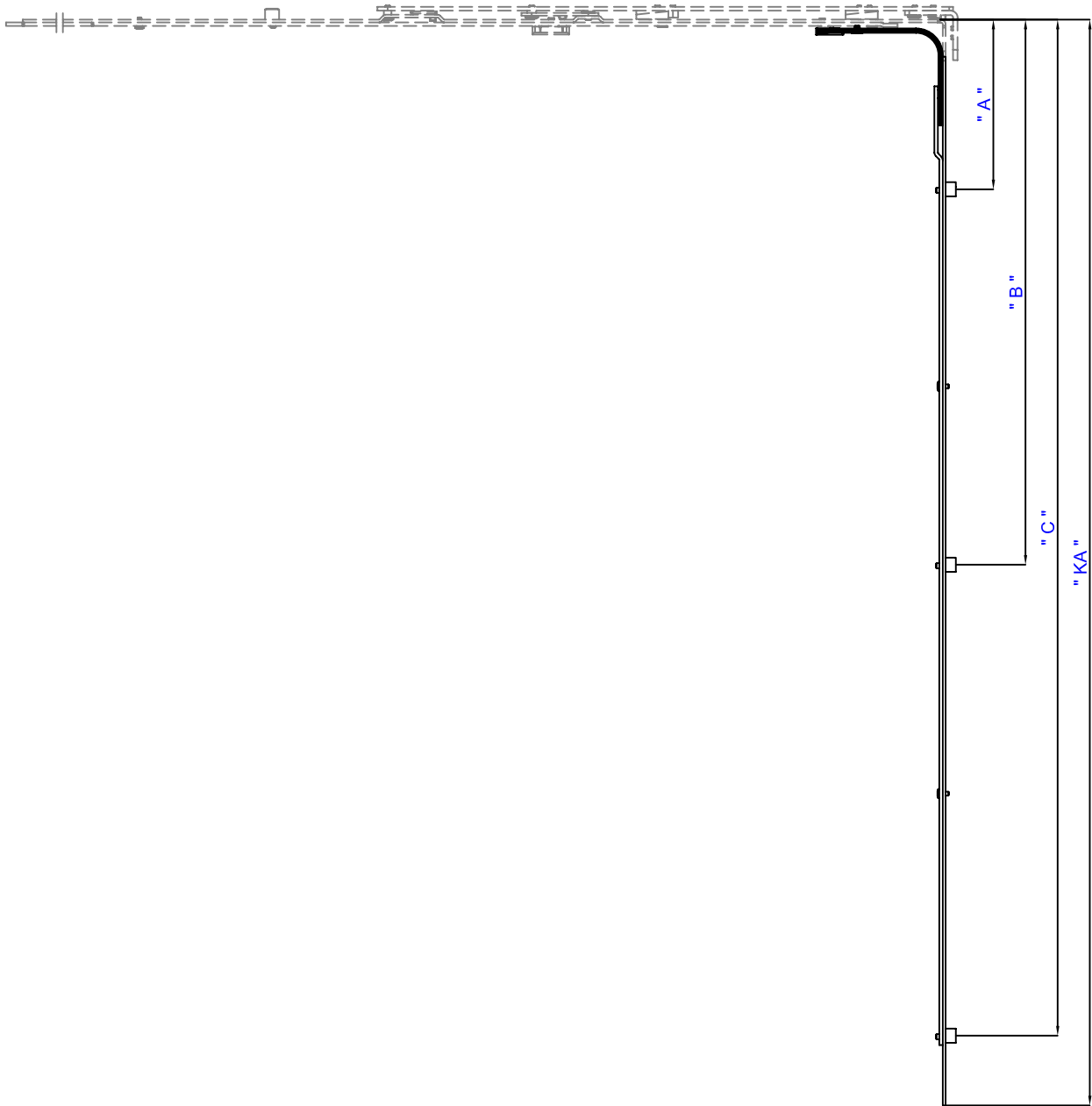


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Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)		
OK 105 - 1	Central Locking Mechanism	800 - 1200	128	482	2	3
OK 105 - 2	Central Locking Mechanism	1200 - 1700	128	732	2	4



OK105

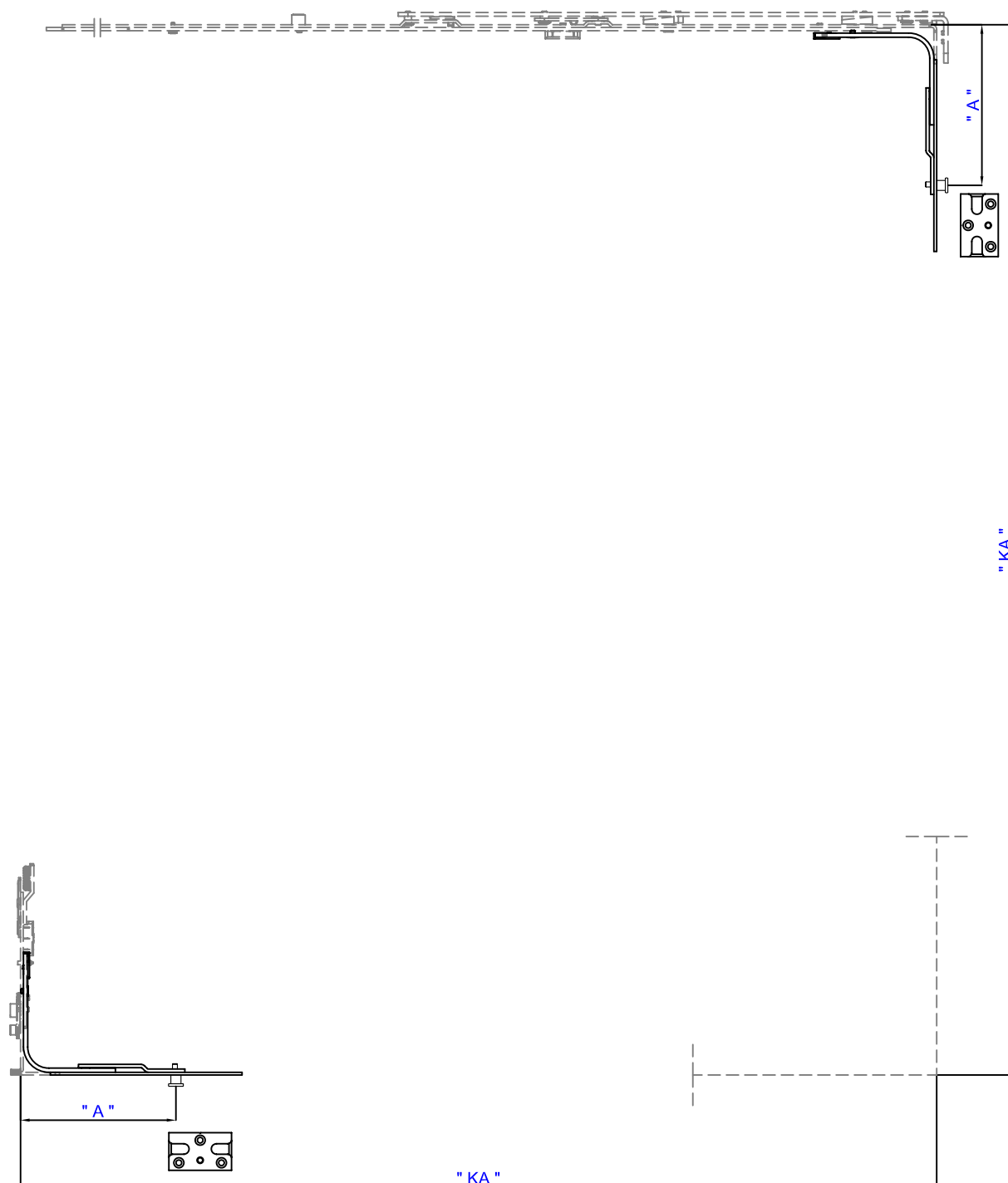


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Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)	" C " (mm)		
OK 105 - 3	Central Locking Mechanism	1700 - 2200	128	632	1282	3	5

S-CENTRAL LOCKING MECHANISM

3.2.1.1.

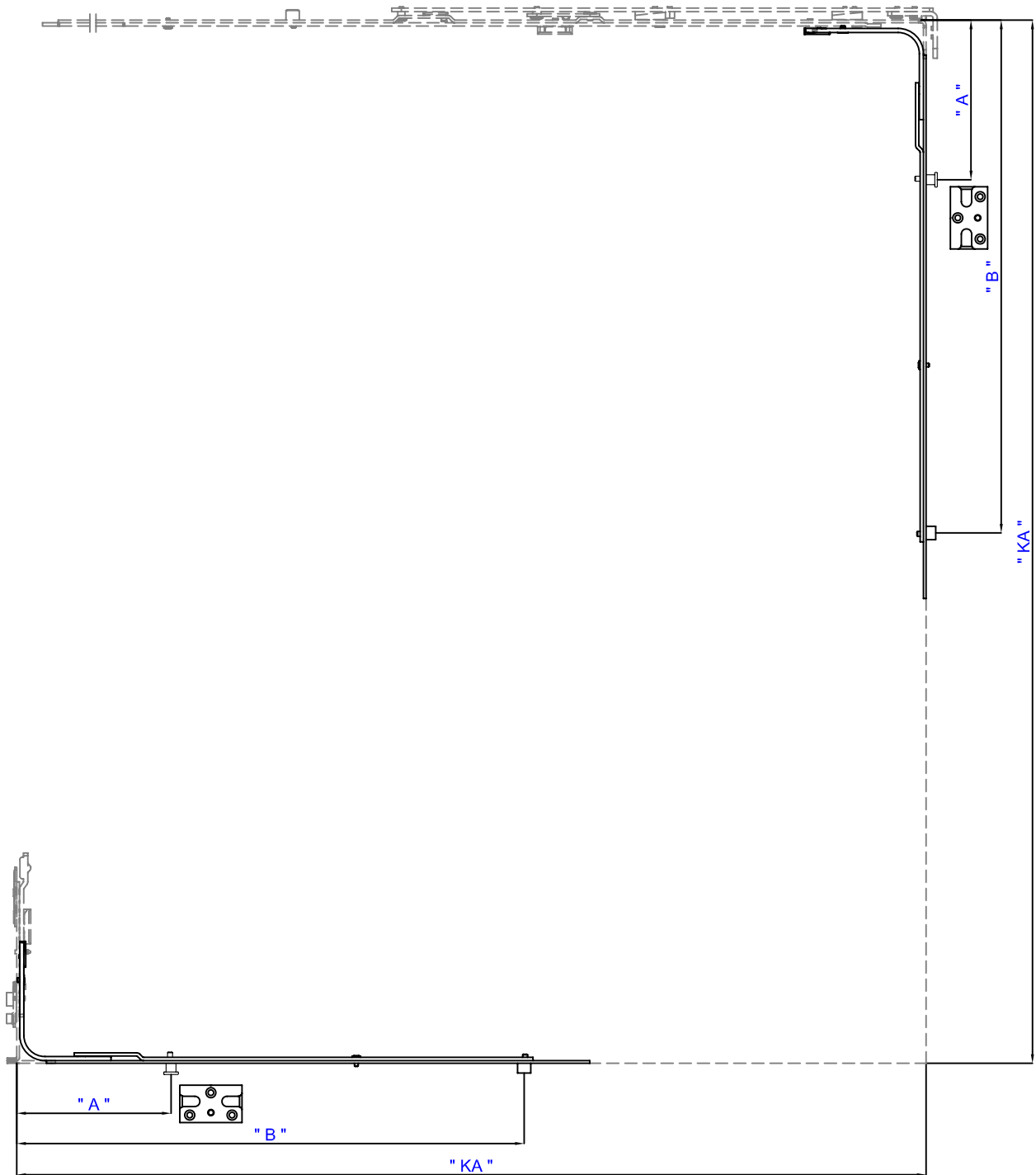
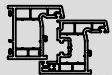


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Article Code	Description	" KA " (mm)	" A " (mm)		
OKG 105 - 0	S-Central Locking Mech.	- 800	128	1	2
OKG 105 - 00	S-Central Locking Mech.	- 800	280	1	2

S-CENTRAL LOCKING MECHANISM

3.2.1.1.

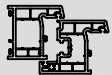


© Copyright by VORNE

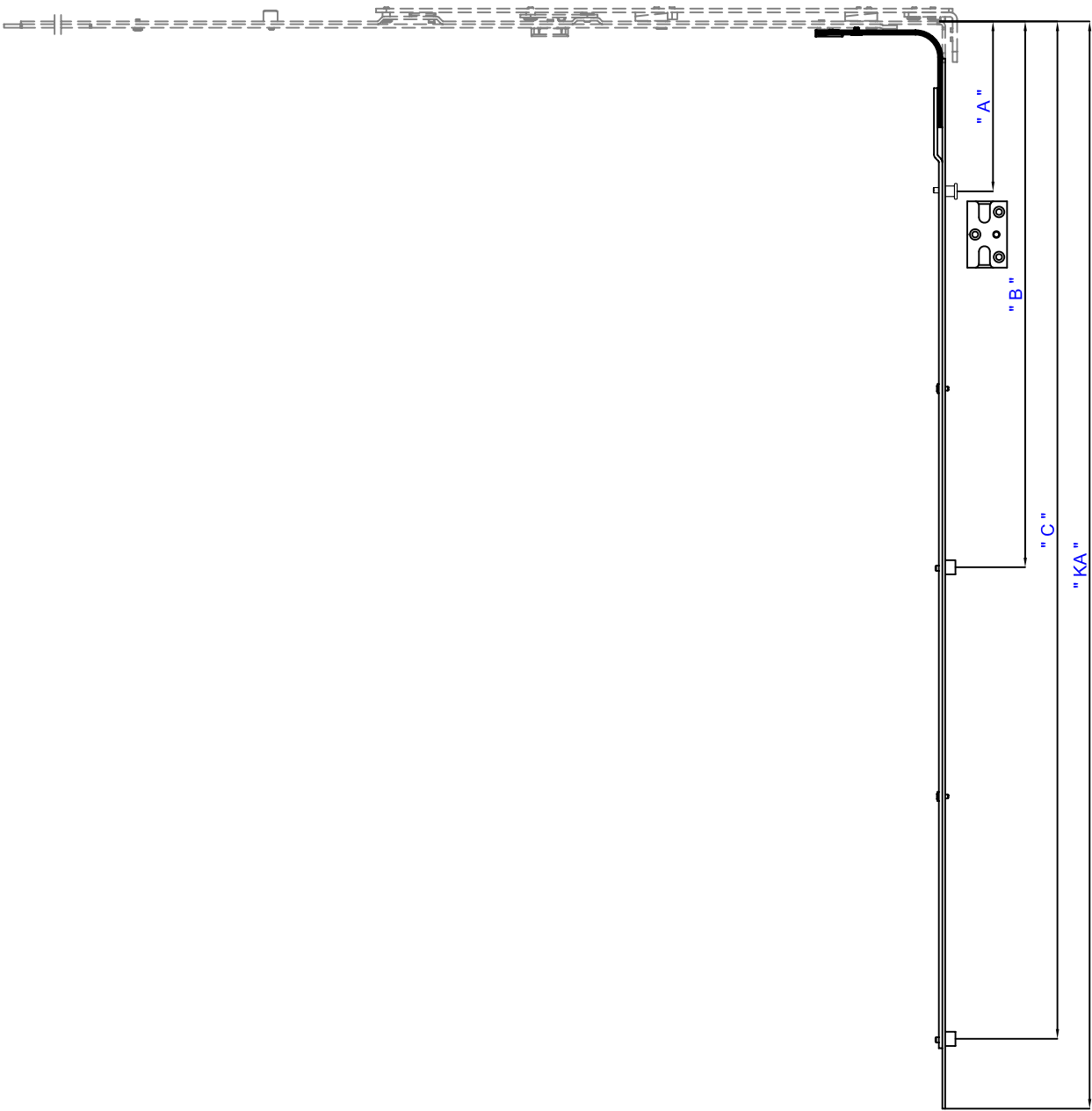
Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)			
OKG 105 - 1	S-Central Locking Mech.	800 - 1200	128	482	1	1	3
OKG 105 - 2	S-Central Locking Mech.	1200 - 1700	128	732	1	1	4

S-CENTRAL LOCKING MECHANISM

3.2.1.1.



OKG 105-3

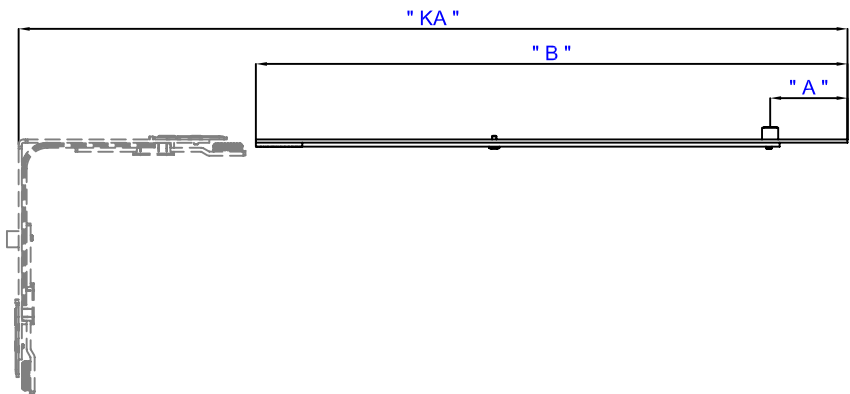


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Article Code	Description	" KA "	" A "	" B "	" C "			
OKG 105 - 3	S-Central Lock. Mech.	1700 - 2200	128	632	1282	2	1	5



OK 115

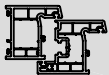


© Copyright by VORNE

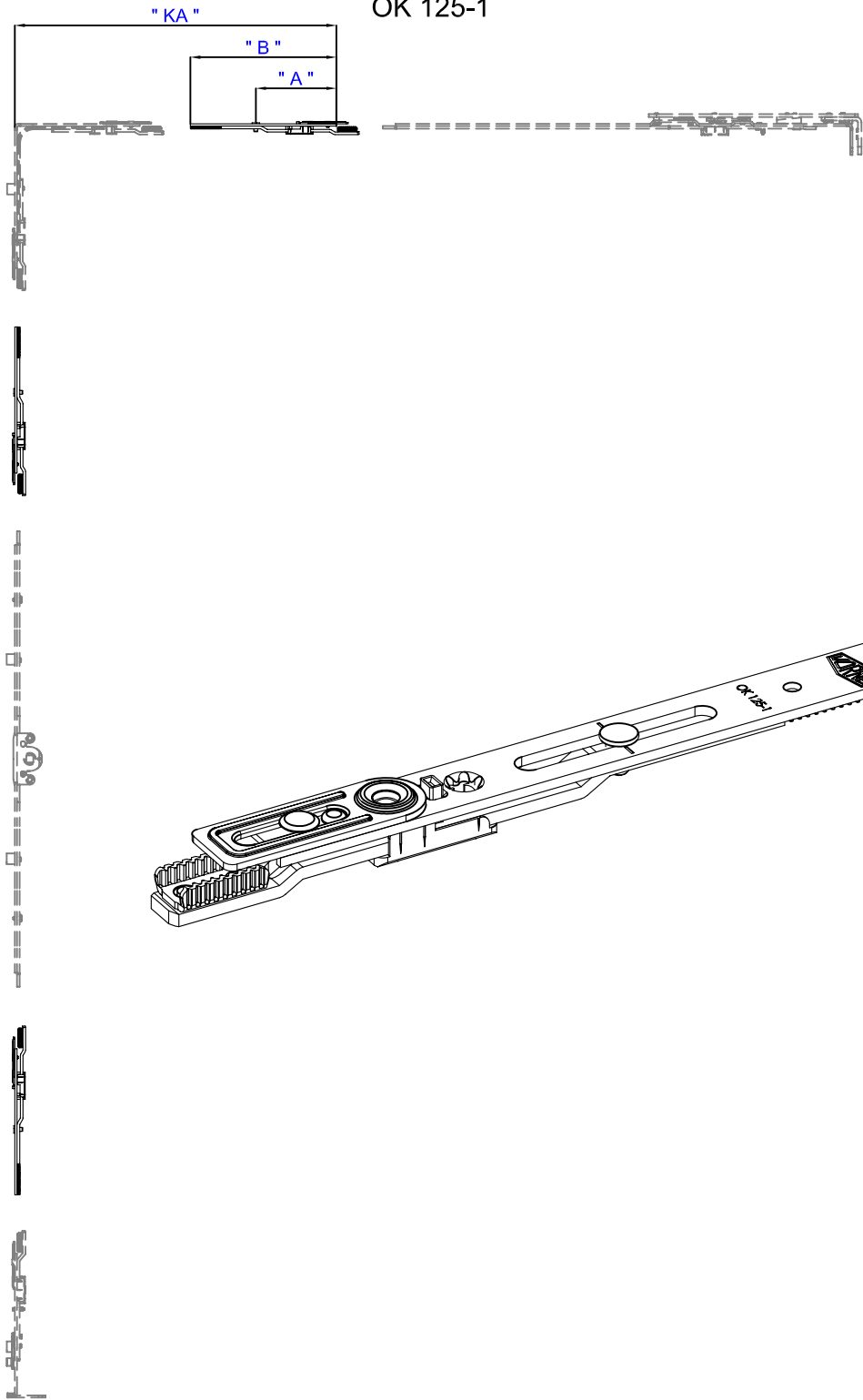
Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)		
OK 115 - 1	Supple. Lock. Mech.		53	405	1	2

DD 05 / Rev . 0

11 / 2006



OK 125-1

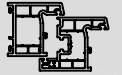


© Copyright by VORNE

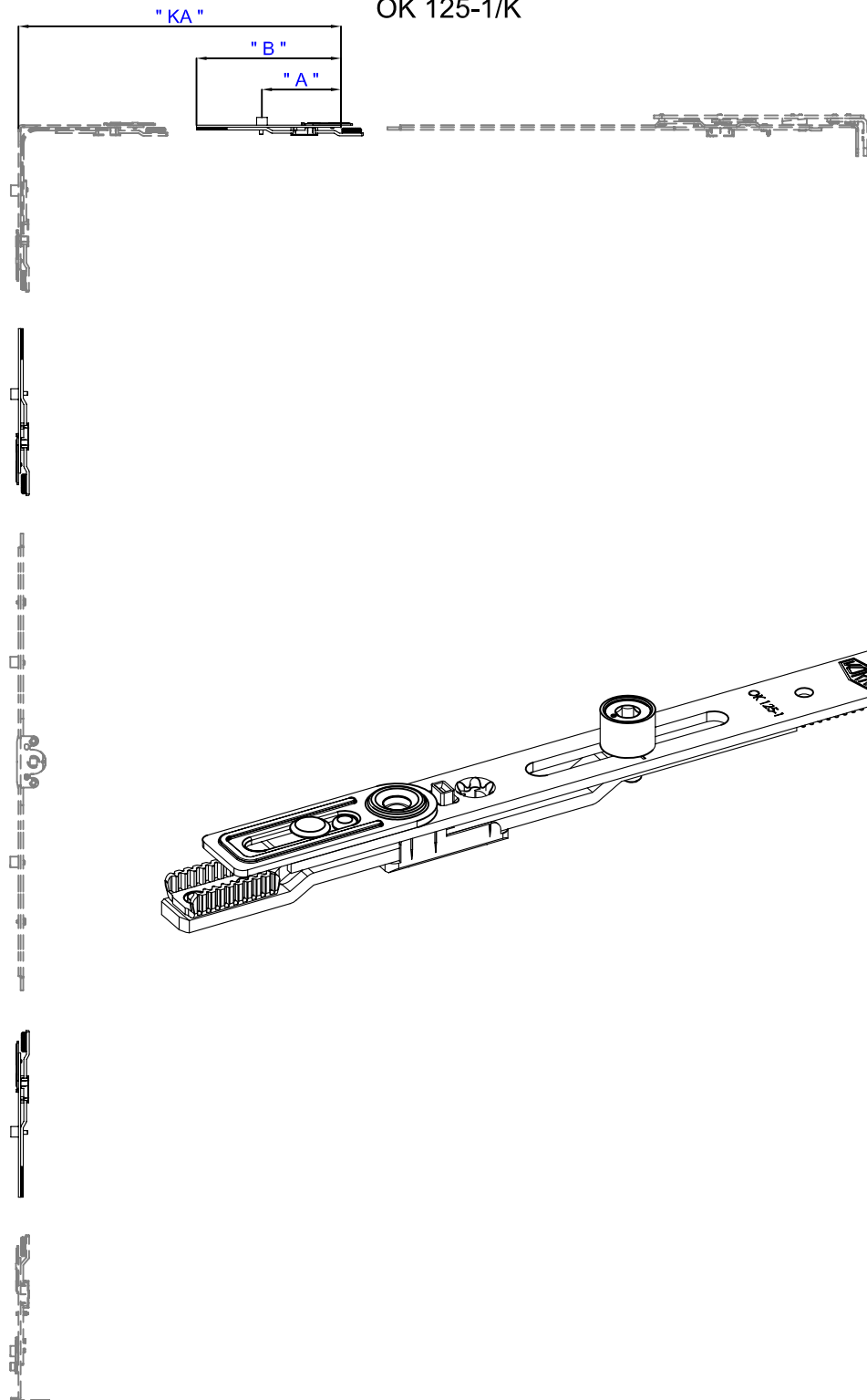
Article Code	Description	" KA " (mm)	" A " (mm)	" B " (mm)	
OK 125 - 1	Extension		82	150	2

EXTENSION (with roller cam)

3.2.2.

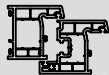


OK 125-1/K

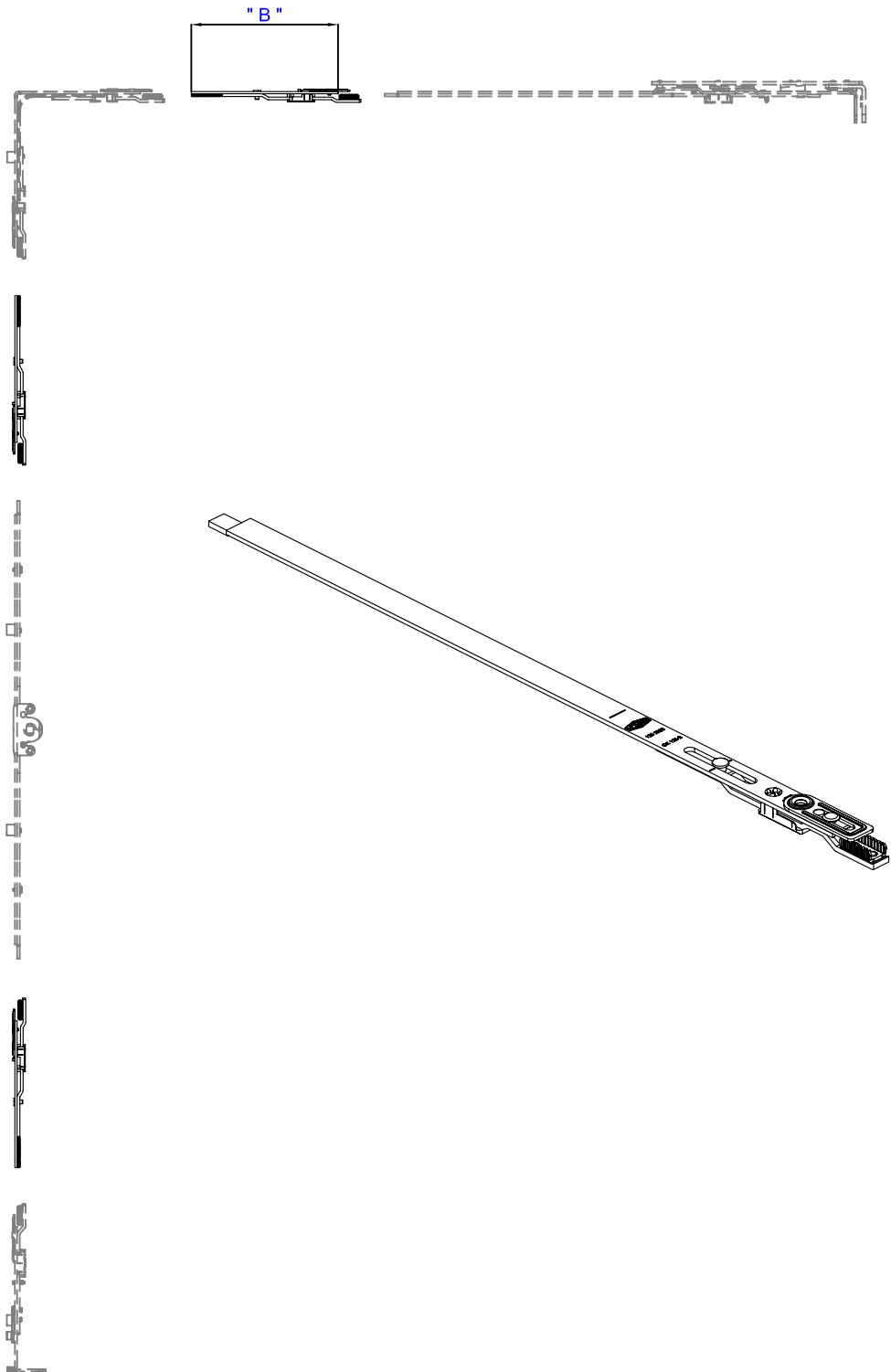


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Article Code	Description	" KA "	" A "	" B "		
OK 125 - 1/K	Extension with RC	(mm)	(mm)	(mm)	1	2
			82	150		

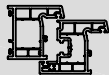


OK 125-2

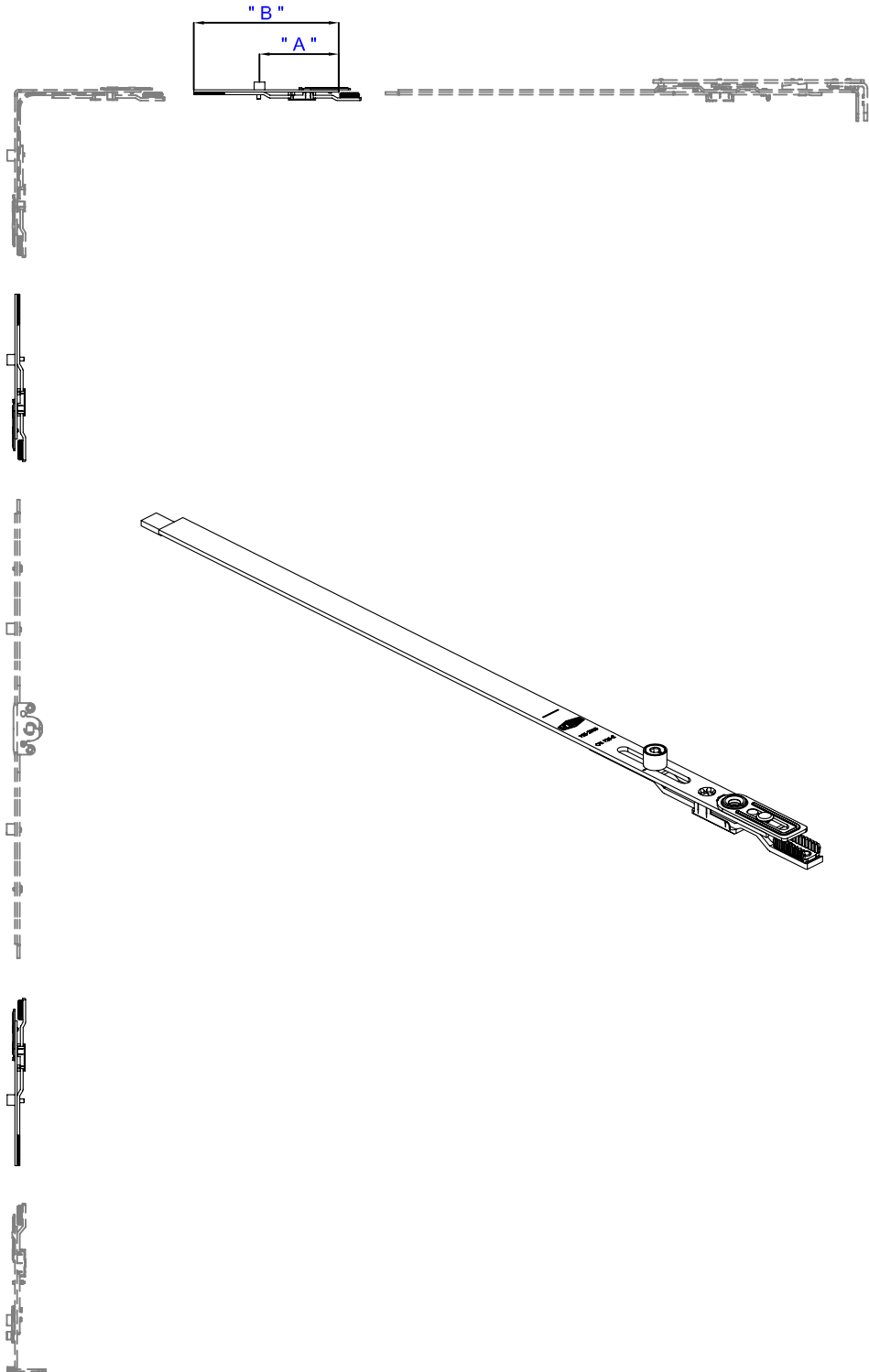


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Article Code	Description	" B " (mm)	
OK 125 - 2	Extension	150 - 400	2



OK 125-2/K

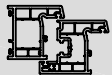


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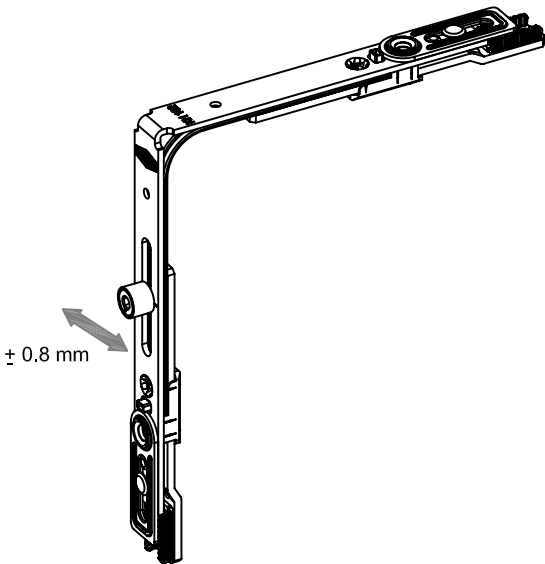
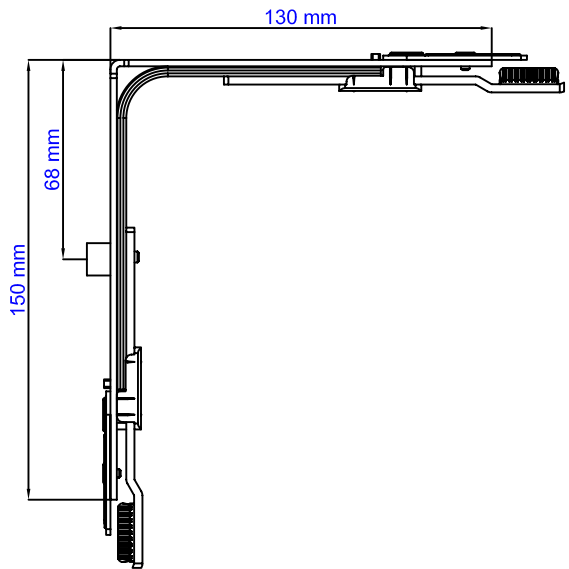
Article Code	Description	" A " (mm)	" B " (mm)		
OK 125 -2/K	Extension with RC	82	150 - 400	1	2

CORNER SLIDER

3.2.3.

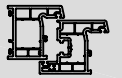


KH 102

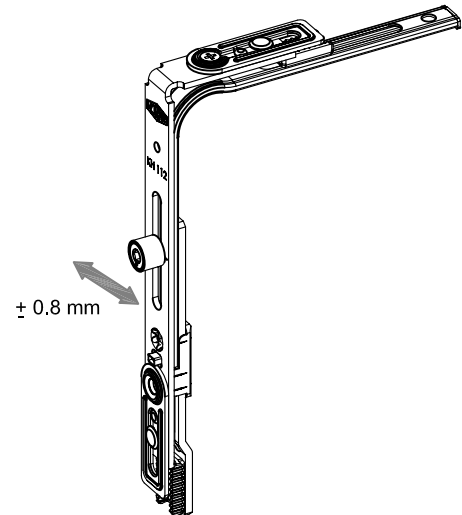
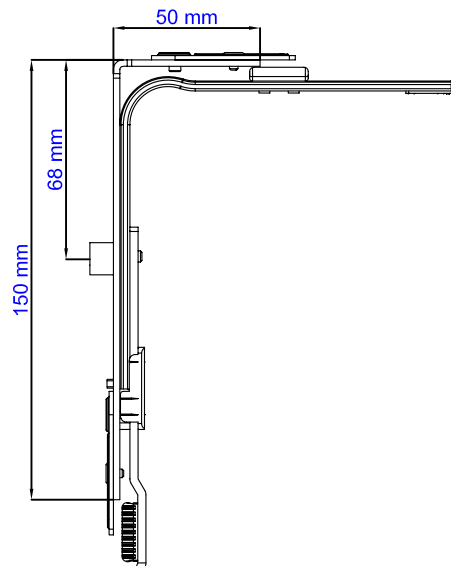


© Copyright by VORNE

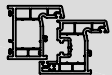
Article Code	Description		
KH 102	Corner Slider	1	4



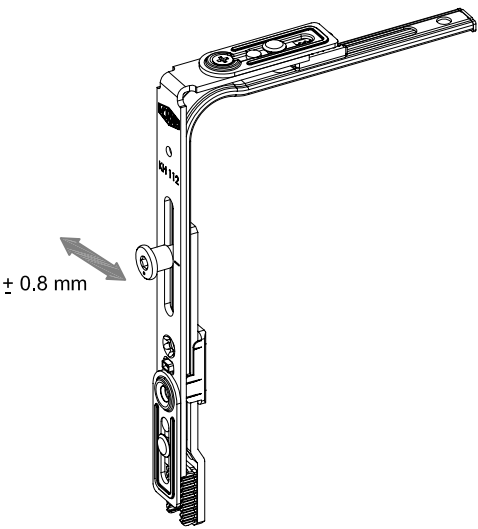
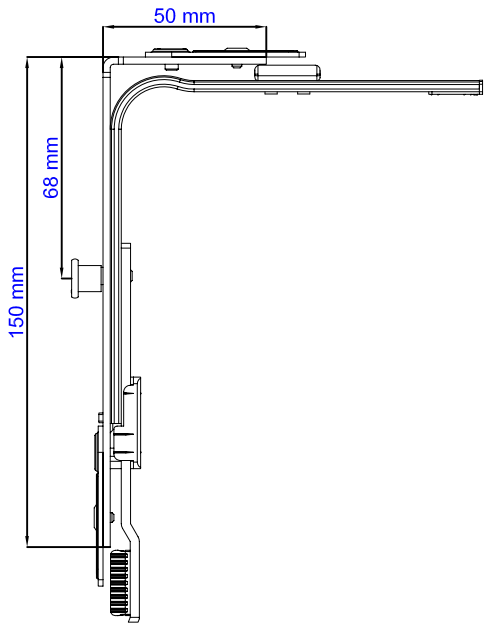
KH 112



Article Code	Description		
KH 112	Corner Slider	1	2



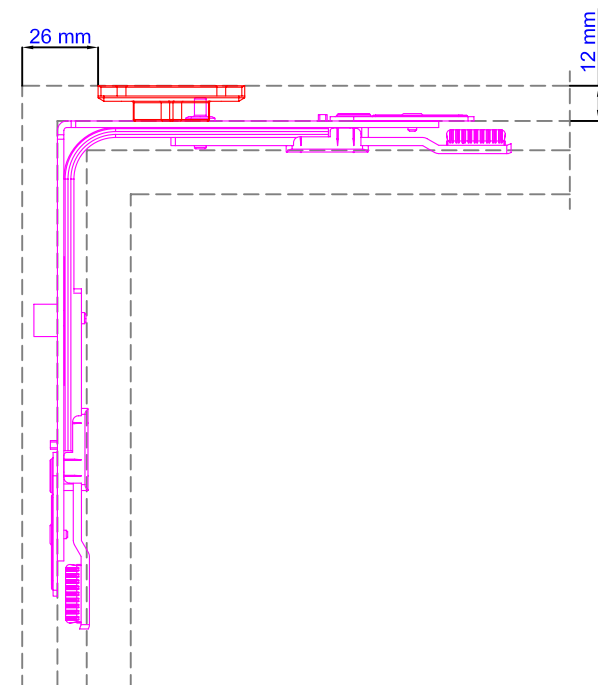
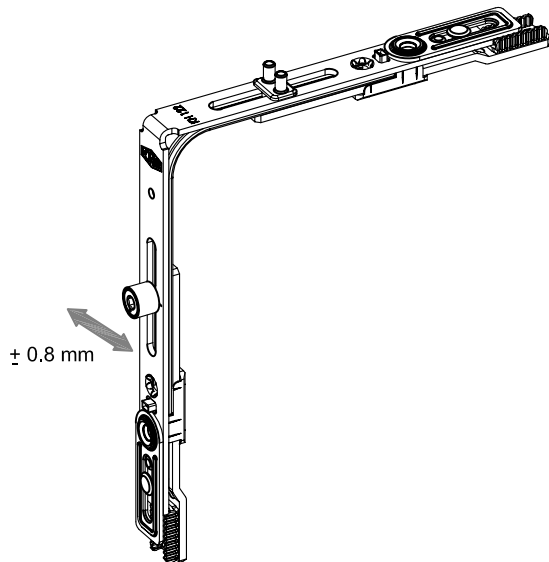
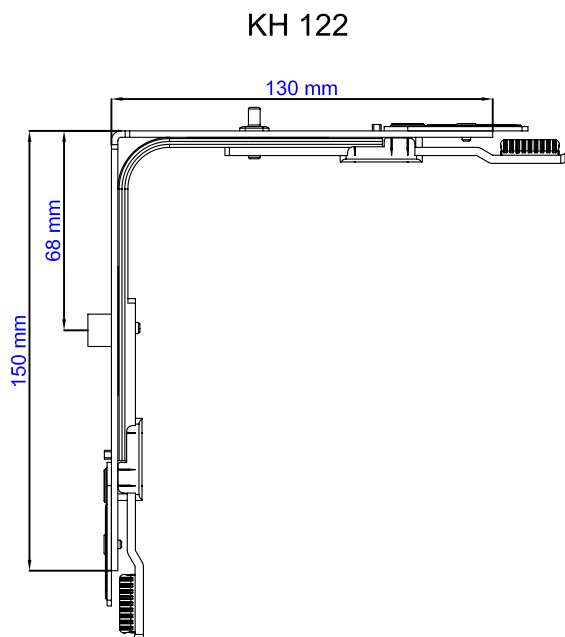
KHG 112



Article Code	Description		
KHG 112	Corner Slider	2	1

CORNER SLIDER (compatible as night ventilation)

3.2.3.

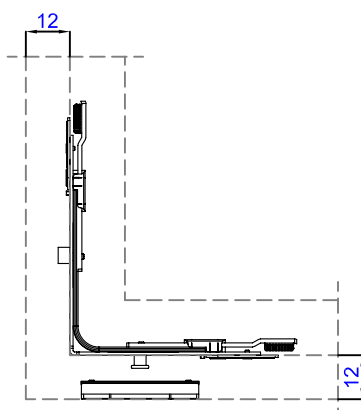
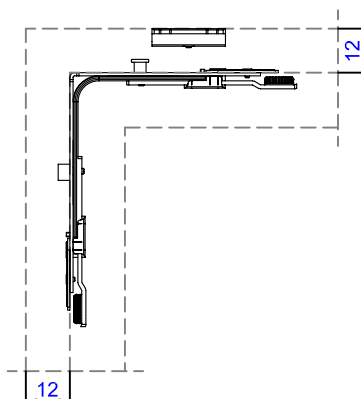
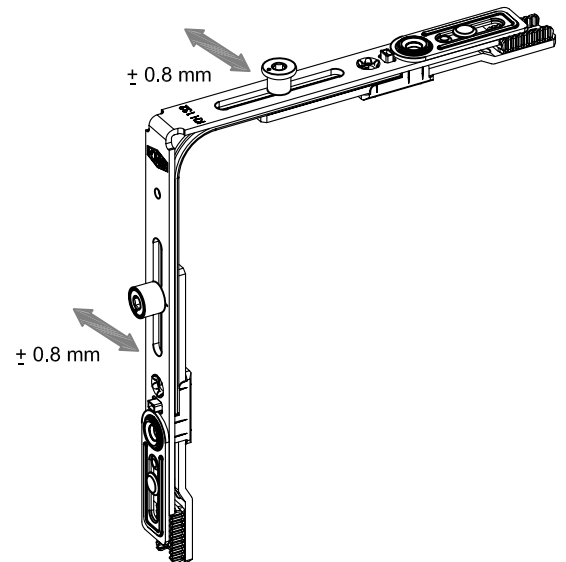
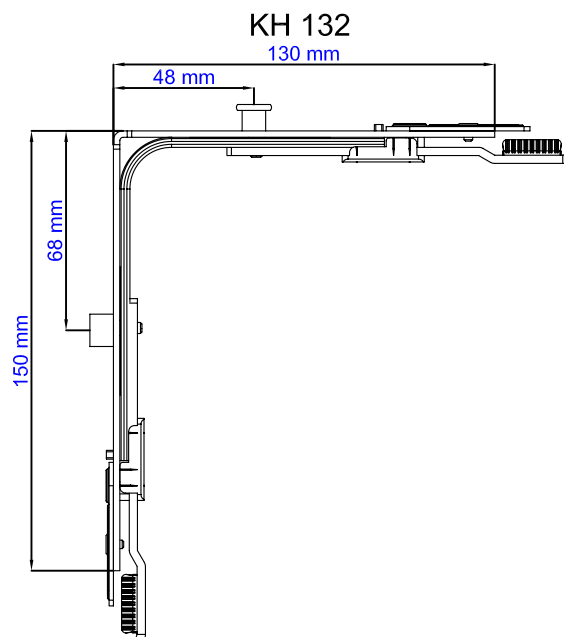
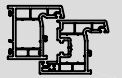


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Article Code	Description			
KH 122	Corner Slider	1	4	1

CORNER SLIDER (with security cam)

3.2.3.

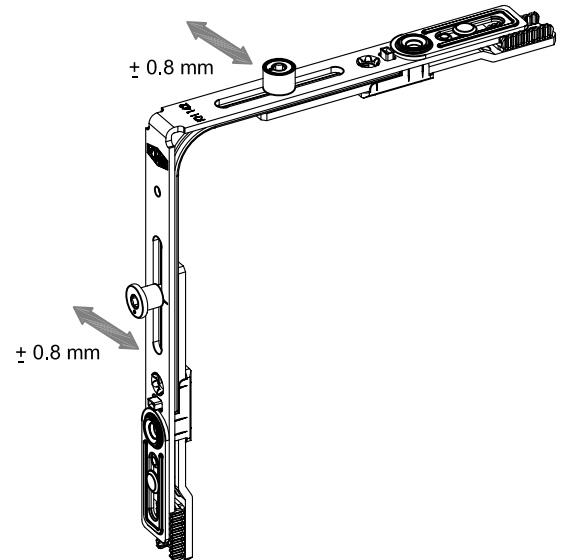
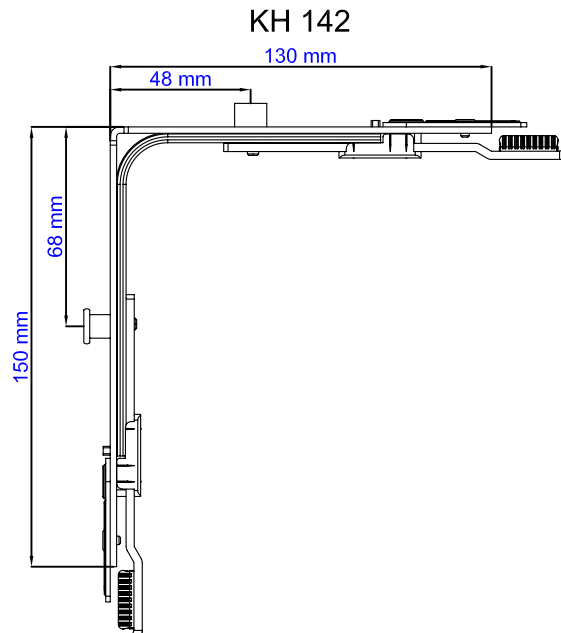
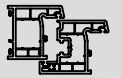


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Article Code	Description				
KH 132	Corner Slider	1	4	1	1

CORNER SLIDER (with security cam)

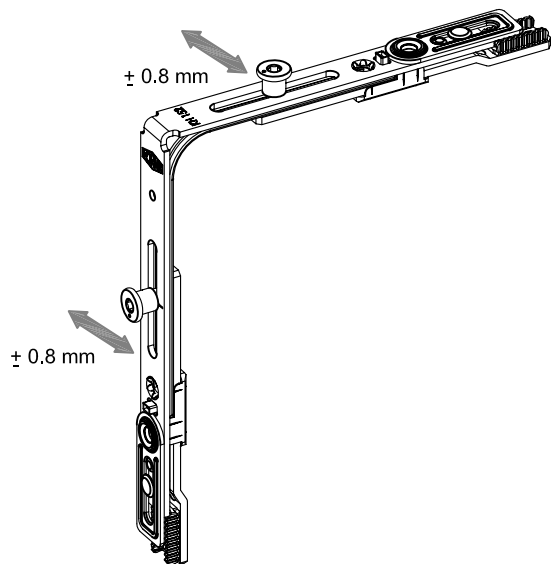
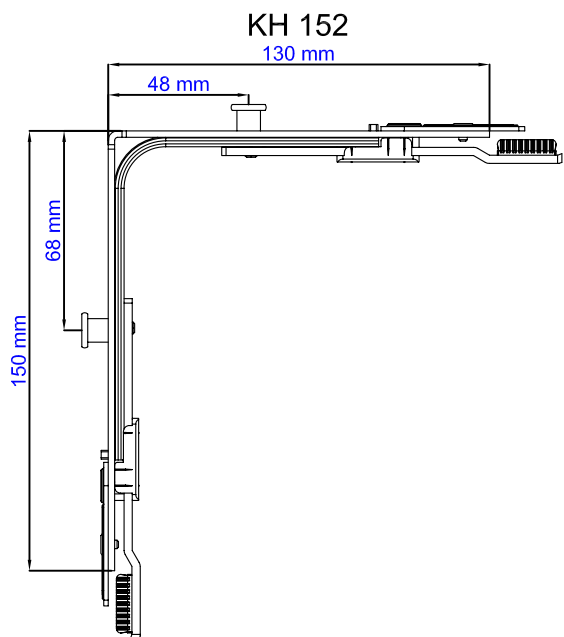
3.2.3.



Article Code	Description			
KH 142	Corner Slider	1	4	1

CORNER SLIDER (with two security cams)

3.2.3.

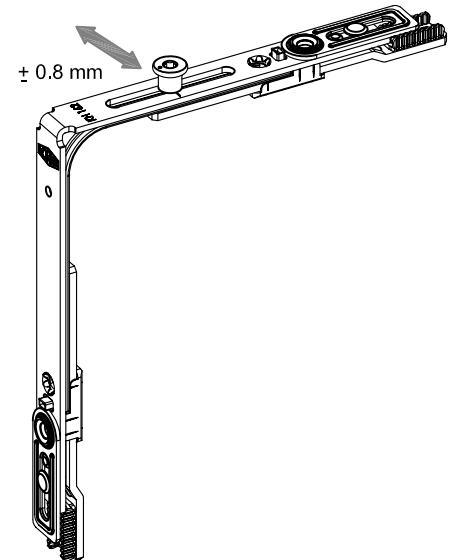
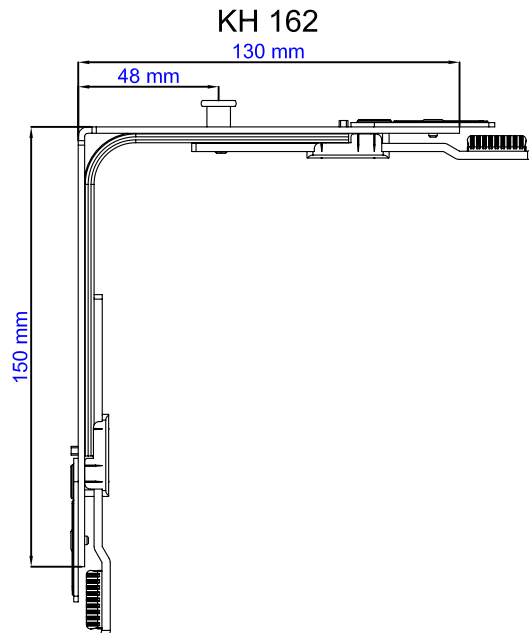
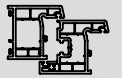


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Article Code	Description		
KH 152	Corner Slider	4	2

CORNER SLIDER (with security cam)

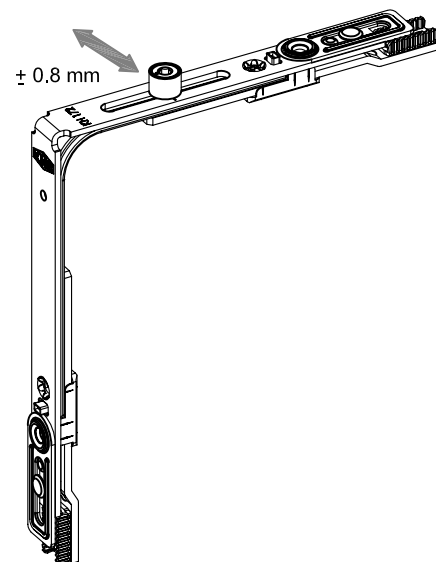
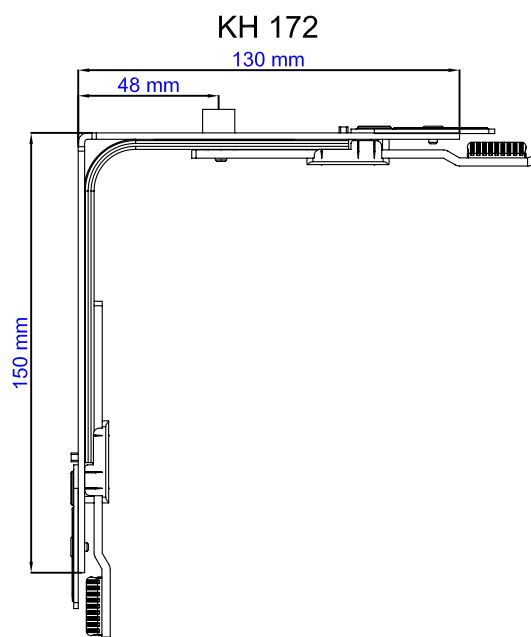
3.2.3.



Article Code	Description		
KH 162	Corner Slider	4	1

CORNER SLIDER

3.2.3.

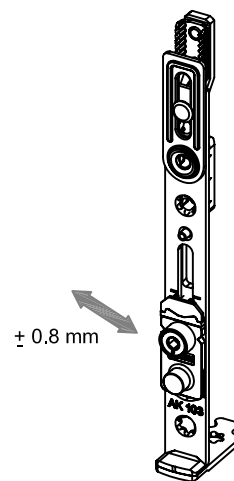
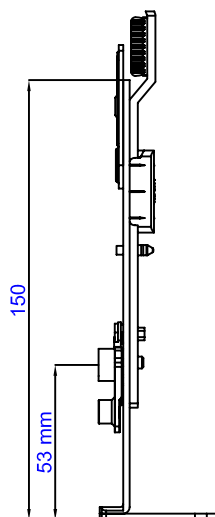


Article Code	Description		
KH 172	Corner Slider	4	1



AK 103

AKK 3xxx



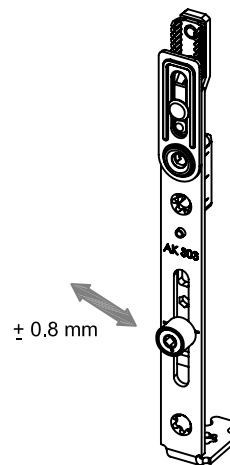
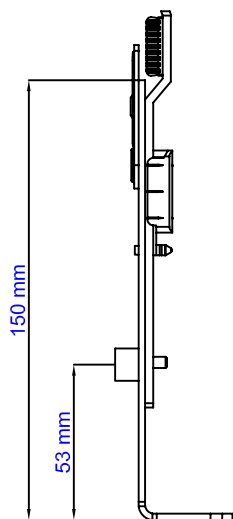
Article Code	Description		
AK 103	Tilt Locking Mechanism	1	4

TURN LOCKING MECHANISM bottom / top

3.2.5.

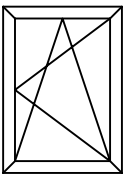
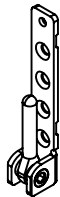
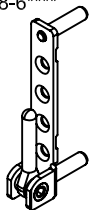
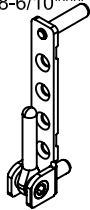
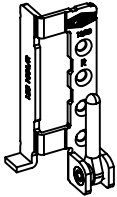
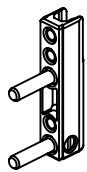
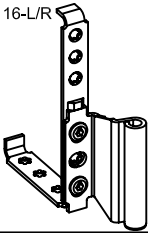


AK 303



Article Code	Description		
AK 303	Turn Locking Mech.	1	4



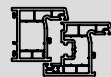
		Frame Hinges			
		SM118-3***	SM118-6****	SM118-6/10****	SM128-R/L
					
Sash Hinges	HM126-3* 	max. sash weight 100 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg
	HM126-6** 	max. sash weight 100 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg
	HM116-L/R 	max. sash weight 100 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg	max. sash weight 130 Kg

* KN 920 - 12 / 20 Ø3mm Sash Hinge Application Jigs

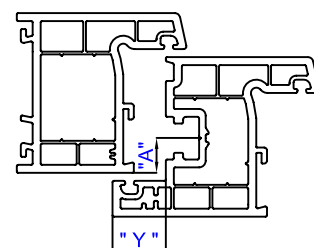
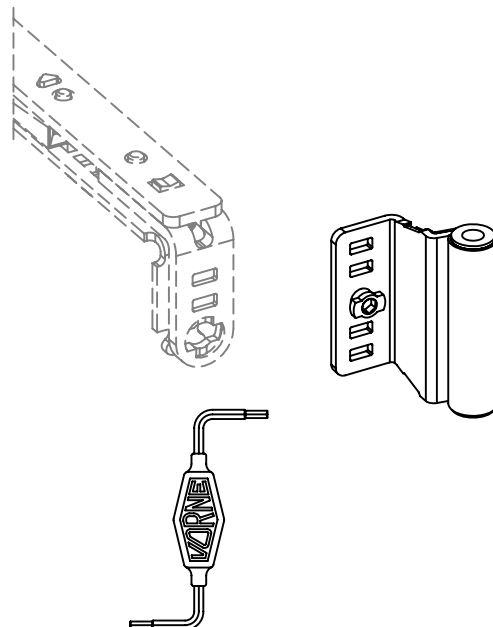
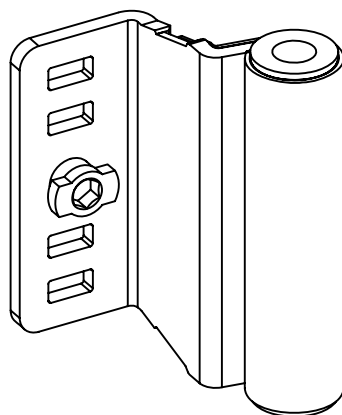
** KN 920 - 12 / 20 Ø6mm Sash Hinge Application Jigs

*** KS 910 - 12 / 20 Ø3mm Frame Hinge Application Jigs

**** KS 910 - 12 / 20 Ø6mm Frame Hinge Application Jigs



KM 111



Article Code	" Y " Overlap Height (mm)	" A " Eurogroove Axis (mm)
KM 111 - 9	20	9
KM 111 - 13	20	13

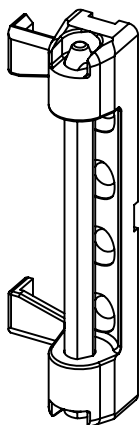
HINGE (FRAME PART)

max. 130 kg

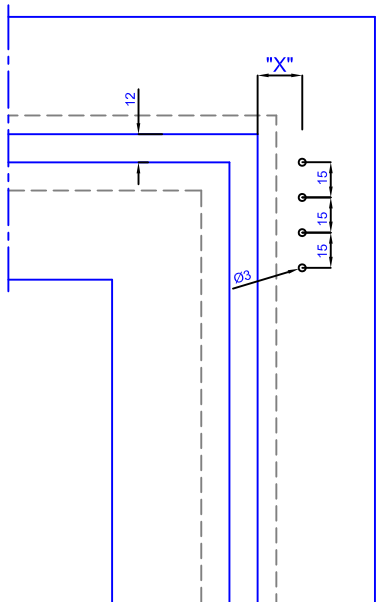
3.3.2.



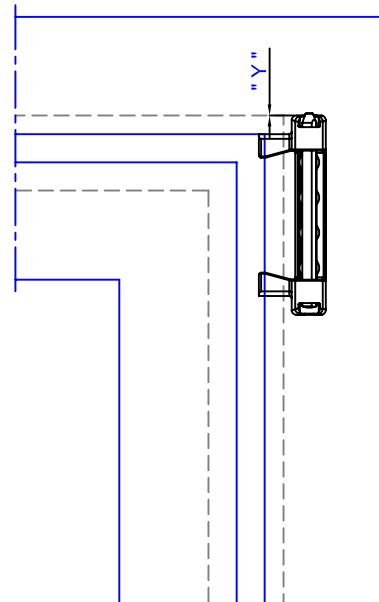
MN117



Frame Application Detail

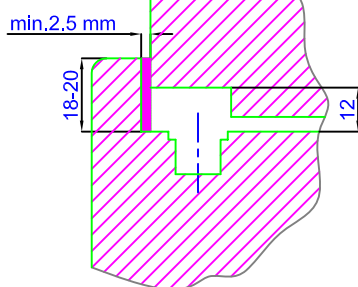


Frame - Sash Application Crosscut

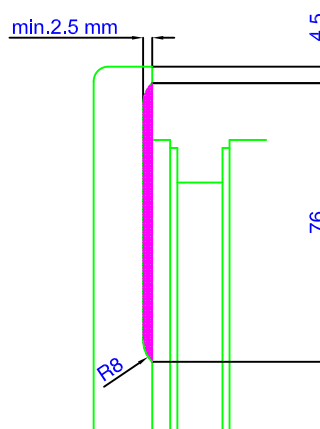


WOODEN PROFILE APPLICATION DETAIL

Frame - Sash Hinge Milling Crosscut

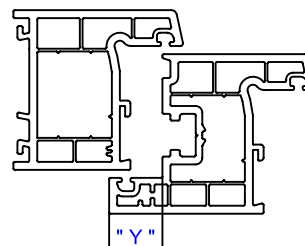


Sash Top Hinge Milling Detail



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"Y" Overlap Height (mm)	"X"	"Y"	 4
18	17.5	-2	
20	19.5	0	
22	21.5	+2	



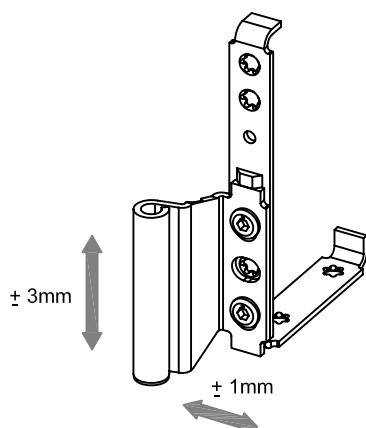
CORNER BOTTOM HINGE

max. 130 kg

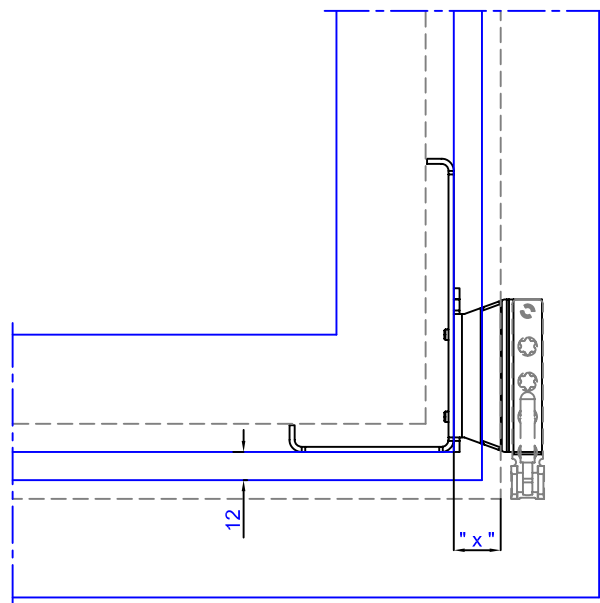
3.3.3.



HM 116



Frame - Sash Application Crosscut

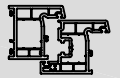


Article Code	" x "	Eurogroove Axis (mm)	
HM 116-9 (R / L)	18	9	5
HM 116-9 (R / L)	20	9	5
HM 116-12 (R / L)	20	12	5
HM 116-13 (R / L)	20	13	5

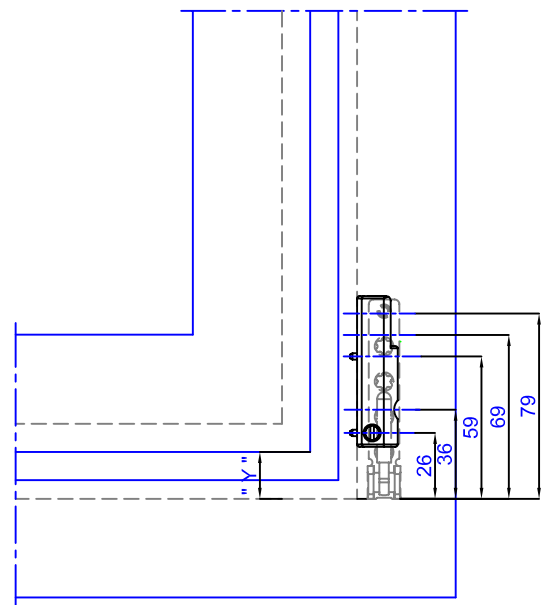
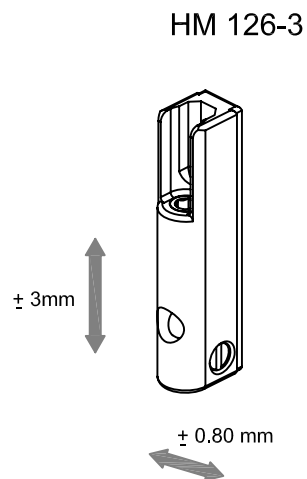
CORNER PIVOT (SASH PART)

max. 100 kg

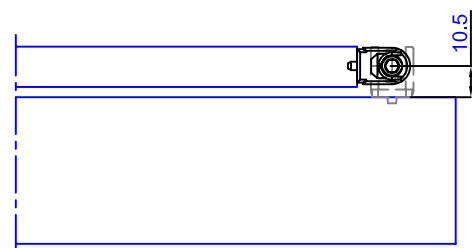
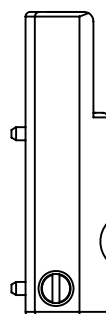
3.3.3.



Frame - Sash Application Crosscut

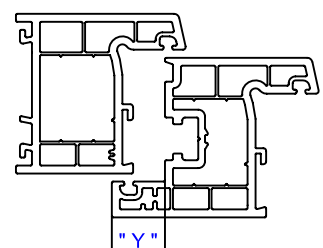


Frame - Sash Application Crosscut



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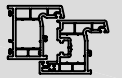
"Y" Overlap Height (mm)	
18	2
20	
22	



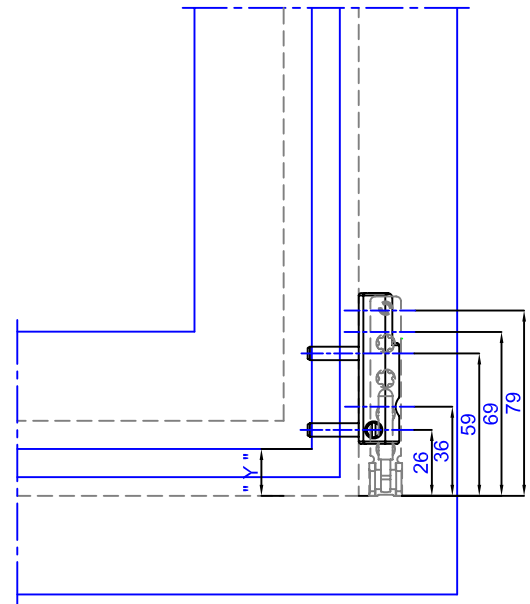
CORNER PIVOT (SASH PART)

max. 130 kg

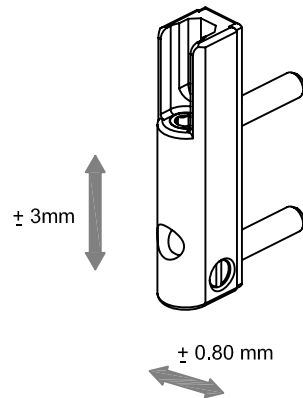
3.3.3.



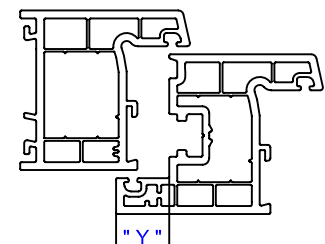
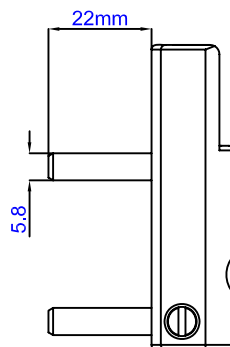
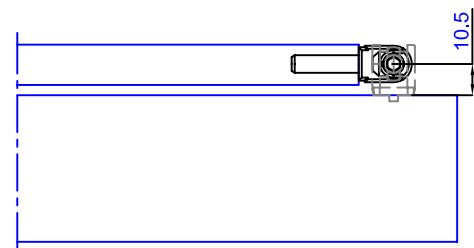
Frame - Sash Application Crosscut



HM 126-6



Frame - Sash Application Crosscut



"Y" Overlap
Height (mm)

18	2
20	
22	

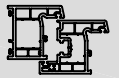


2

CORNER PIVOT HINGE (FRAME PART)

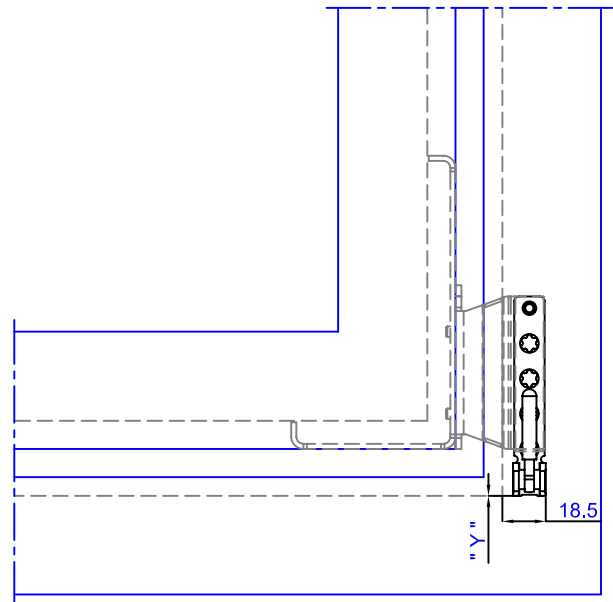
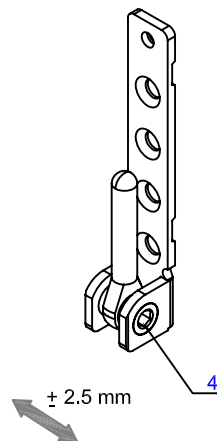
max. 100 kg

3.3.4.

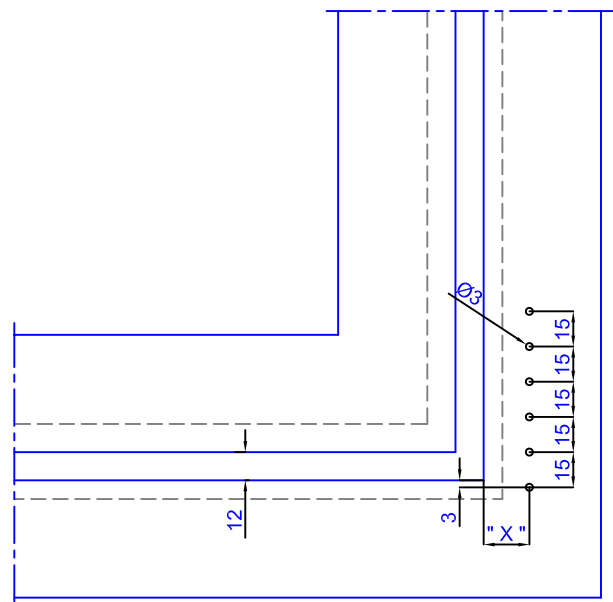
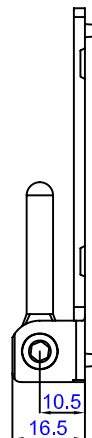


Frame - Sash Application Crosscut

SM 118-3



Frame Application Detail



Overlap Height (mm)	" X "	" Y "	 4
18	17.5	-2	
20	19.5	0	
22	21.5	+2	

CORNER PIVOT HINGE (FRAME PART)

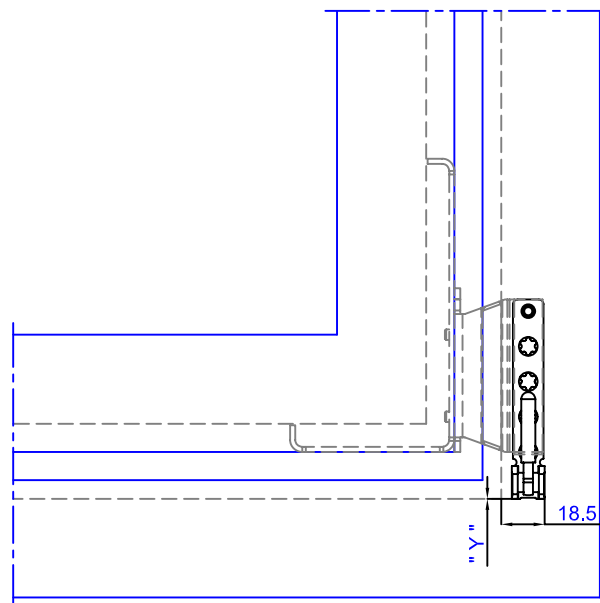
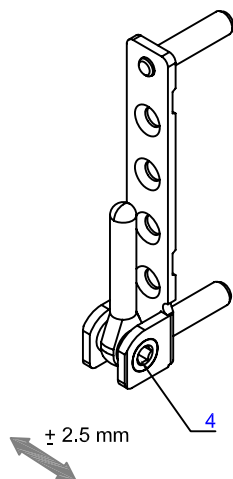
max. 130 kg

3.3.4.

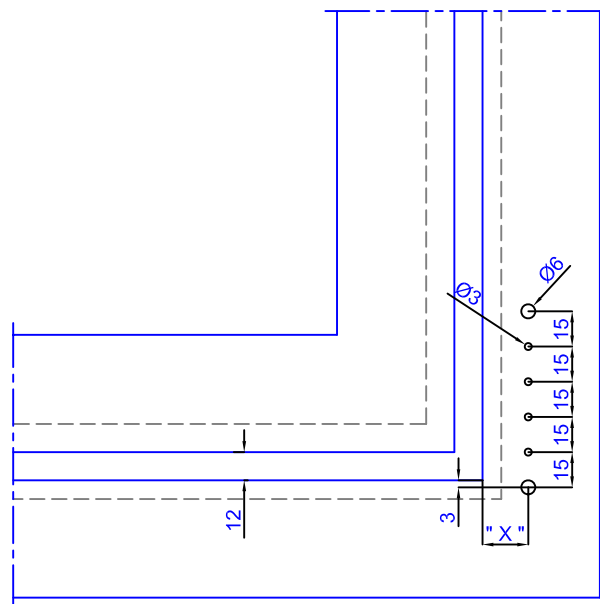
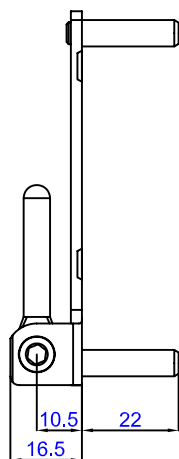


Frame - Sash Application Crosscut

SM 118-6



Frame Application Detail

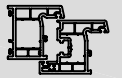


Overlap Height (mm)	" X "	" Y "	 4
18	17.5	-2	
20	19.5	0	
22	21.5	+2	

CORNER PIVOT HINGE (FRAME PART)

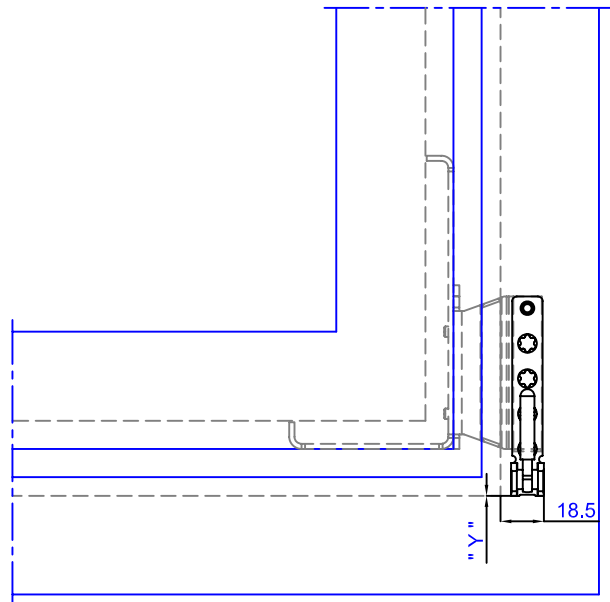
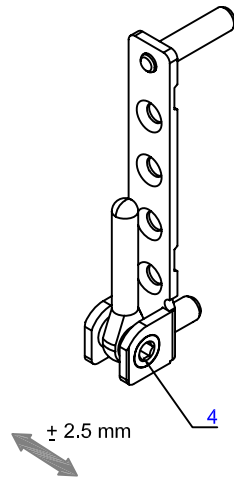
max. 130 kg

3.3.4.

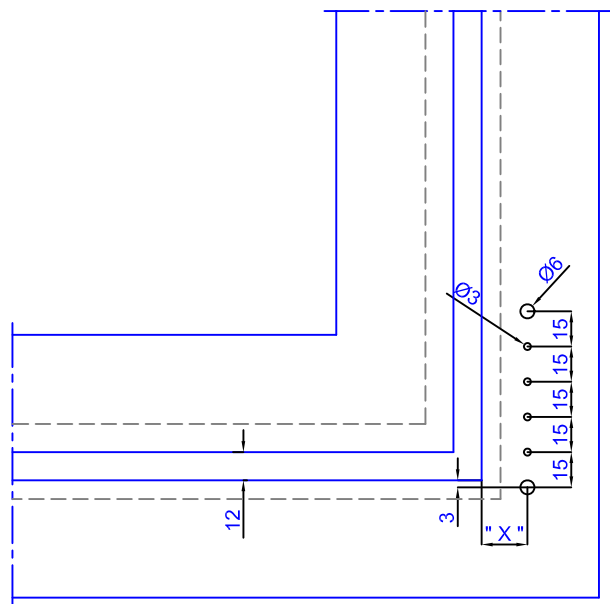
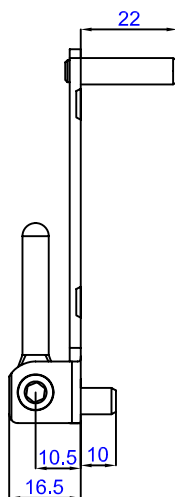


Frame - Sash Application Crosscut

SM 118-6/10



Frame Application Detail



Overlap Height (mm)	" X "	" Y "	 4
18	17.5	-2	
20	19.5	0	
22	21.5	+2	

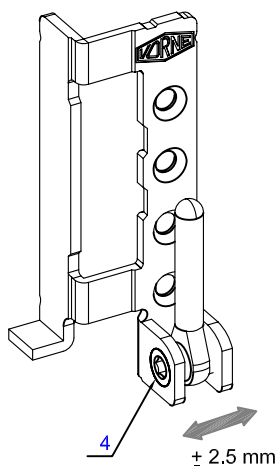
CORNER PIVOT HINGE (BOTTOM)

max. 130 kg

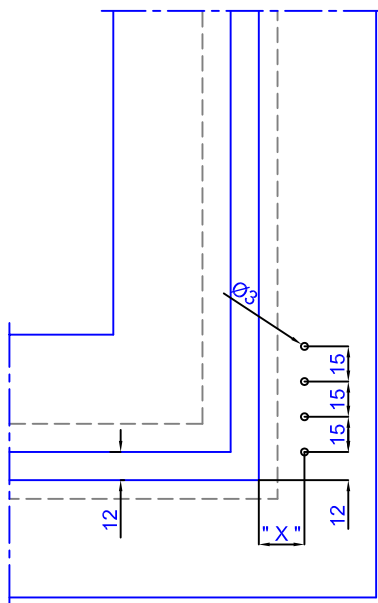
3.3.4.



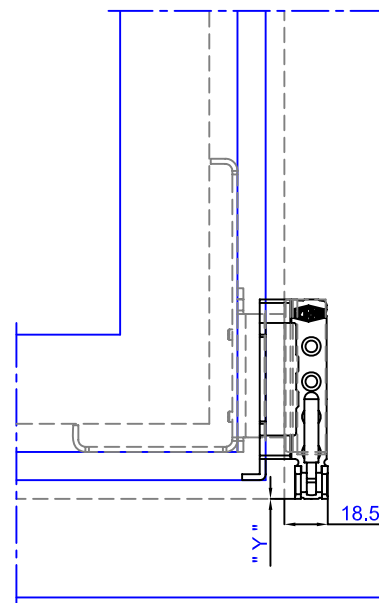
SM 128-R/L



Frame Application Detail

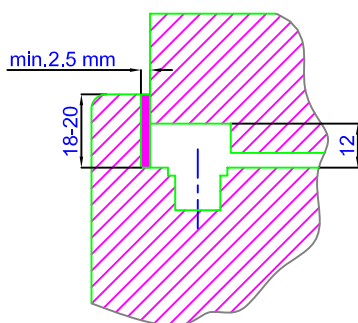


Frame - Sash Application Detail

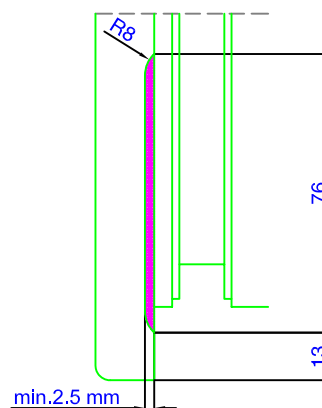


WOODEN PROFILE APPLICATION DETAIL

Frame - Sash Milling Crosscut



Sash Bottom Hinge Milling Detail



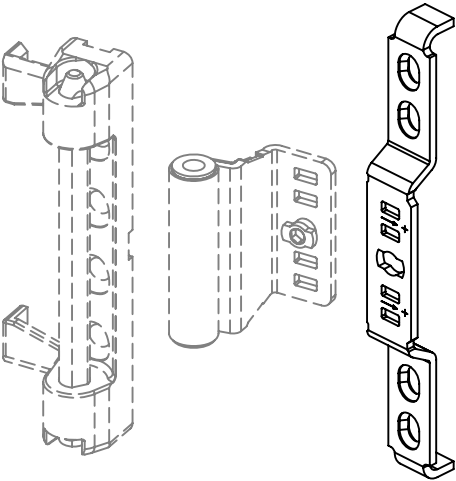
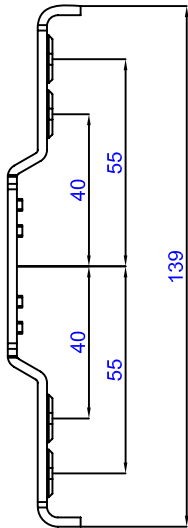
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Overlap Height (mm)	" X "	" Y "	
18	17.5	-2	
20	19.5	0	
22	21.5	+2	

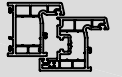
4



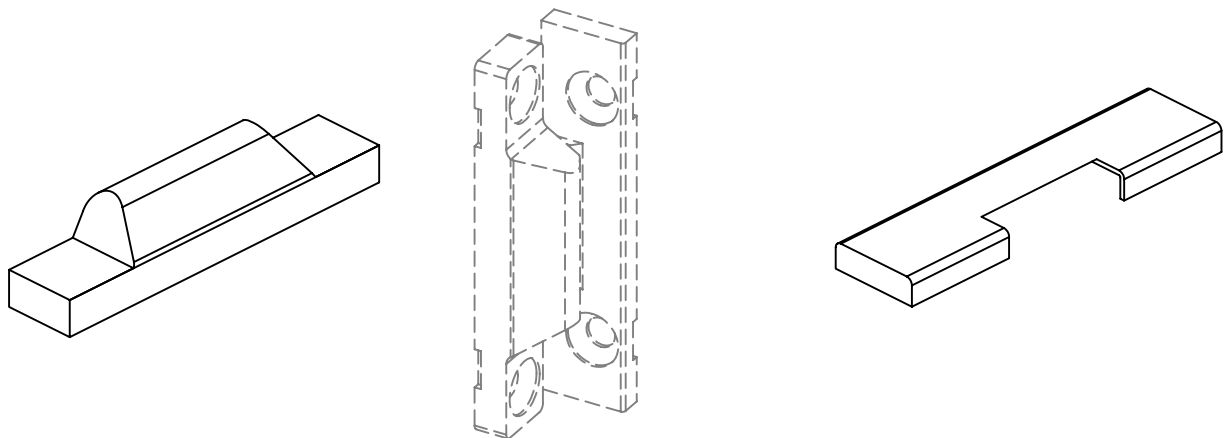
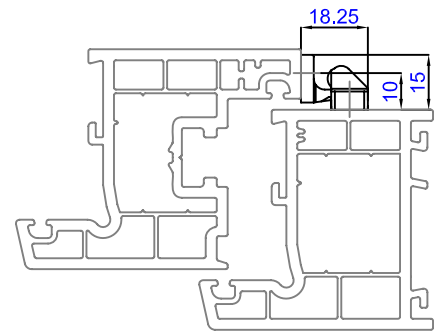
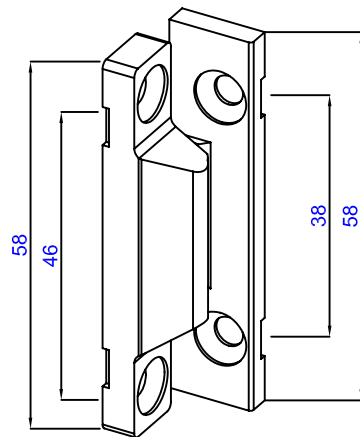
OM205



Article Code	Description	
OM 205	Fold Rotating Hinge	4



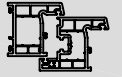
OB206



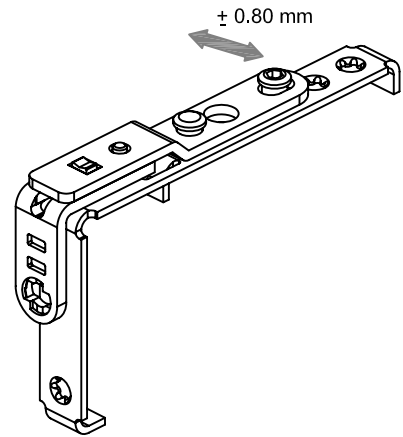
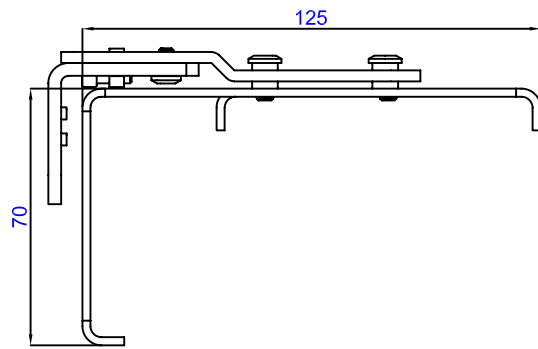
Article Code	Description		Colours		
OB 206	Centre Rotating Hinge	4	white	brown	special colours

SCISSOR HINGE

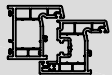
3.3.7.



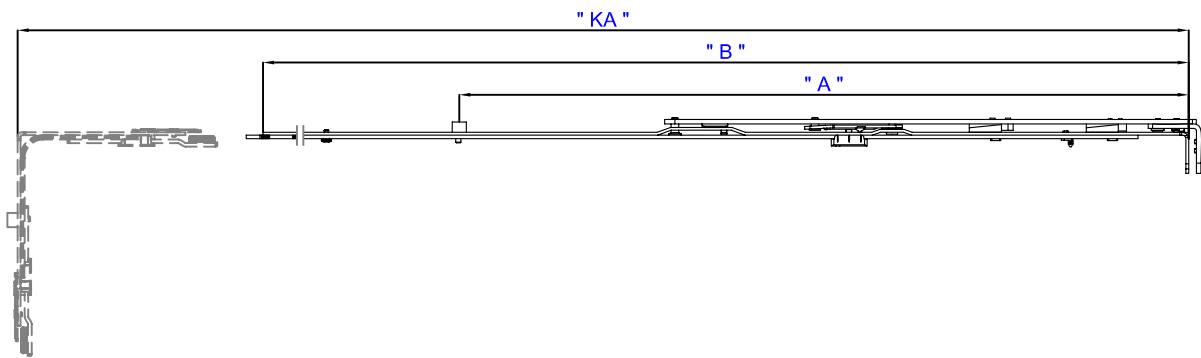
UM204



Article Code	Description	
UM 204	Scissor Hinge	4



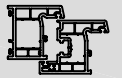
MK104



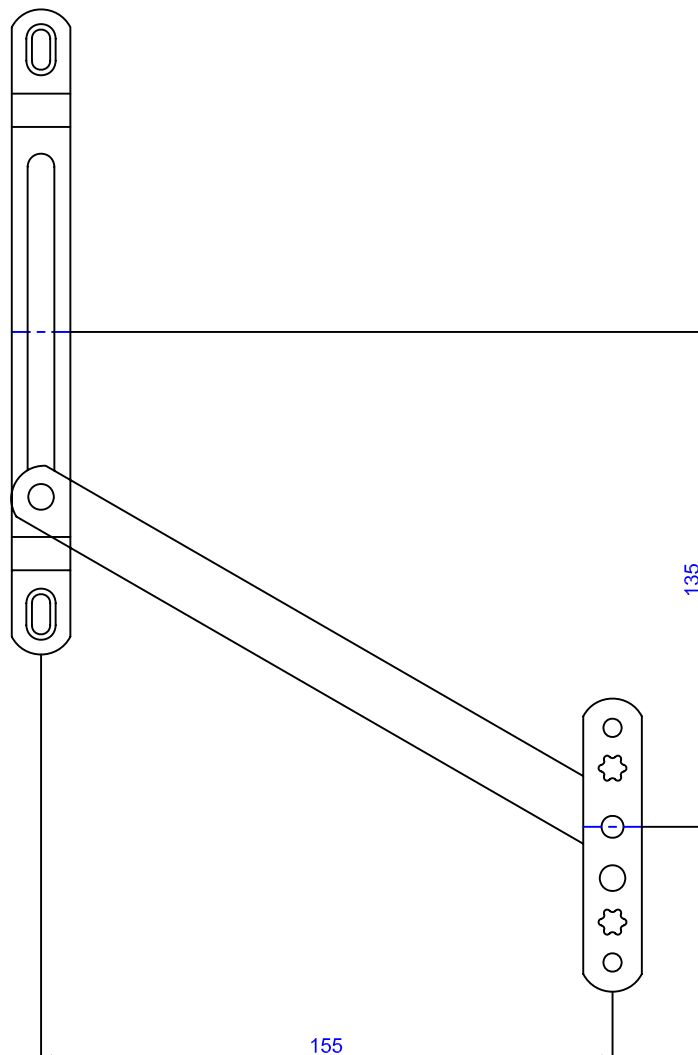
Article Code	Description	" KA "	" A "	" B "		
MK 104 -0	Scissor Set	350 - 600	-	470	-	2
MK 104 -1	Scissor Set	400 - 650	-	494	-	3
MK 104 -2	Scissor Set	600 - 850	-	720	-	5
MK 104 -2 / K	Scissor Set	600 - 850	370	720	1	5
MK 104 -3	Scissor Set	850 - 1100	568	970	1	7
MK 104 -4	Scissor Set	1100 - 1350	676	1220	1	7
MK 104 -5	Scissor Set	1350 - 1600	818	1470	1	7

TILT SCISSOR

4.0.2.



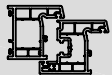
MK114-1



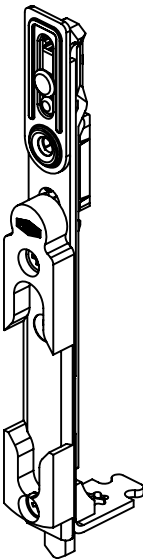
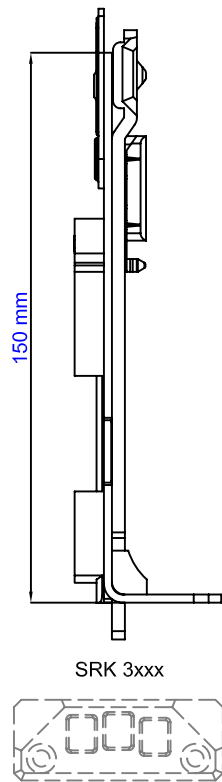
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Article Code	Description	
MK114-1	Tilt Scissor	4





SR 203 - A

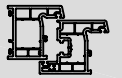


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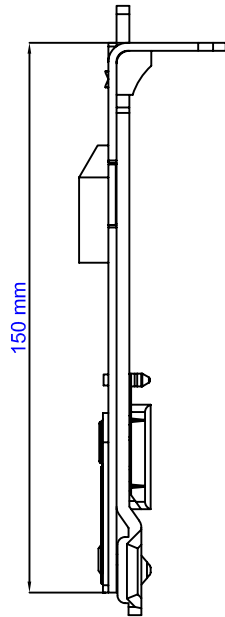
Article Code	Description	
SR 203 - A	Turn Lock (Bottom)	4

TURN LOCK (TOP)

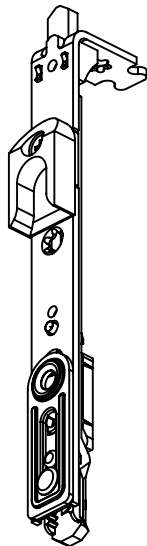
5.0.2.



SRK 3xxx



SR203-U

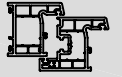


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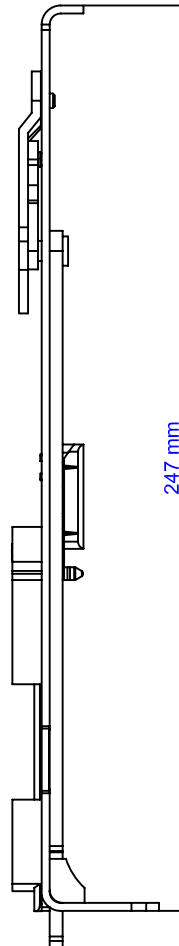
Article Code	Description	
SR 203 - U	Turn Lock (Top)	4

LOCKING BOLT (BOTTOM)

5.0.3.



SR207-A



247 mm

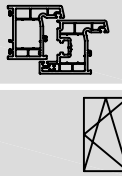
SRK 3xxx



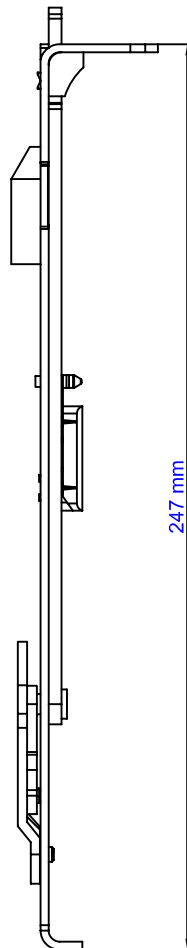
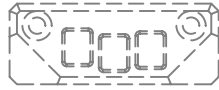
Article Code	Description	
SR 207 - A	Locking Bolt (Bottom)	4

LOCKING BOLT (TOP)

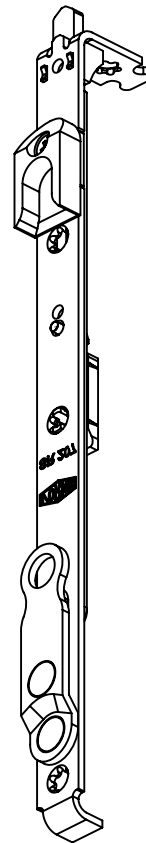
5.0.4.



SRK 3xxx



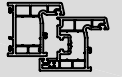
SR207-U



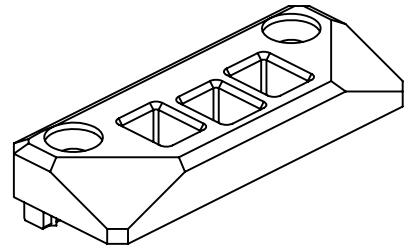
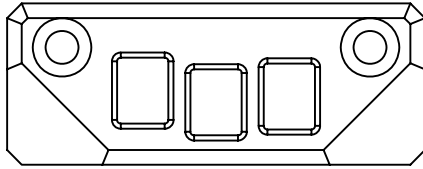
Article Code	Description	
SR 207 - U	Locking Bolt (Top)	4

STRIKERS

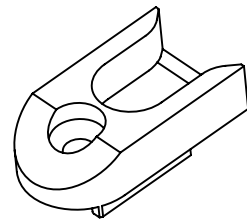
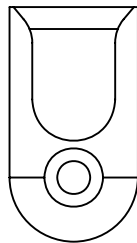
6.0.1.



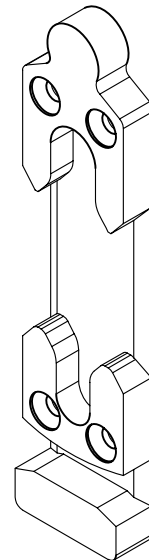
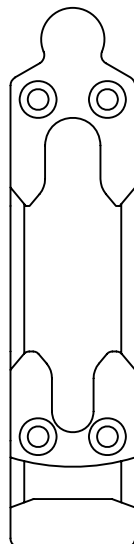
SRK 3xxx



KK 3002



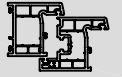
DDK 3xxx



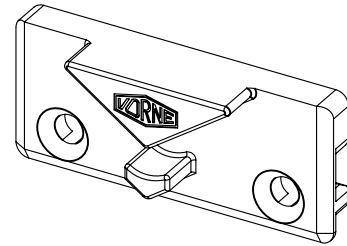
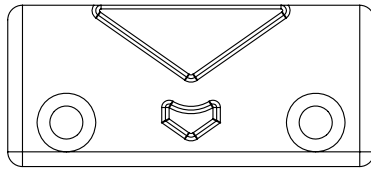
Article Code	Description	
SRK 3XXX	Corner Lock Striker	2
KK 3002	Roller Cam Striker	1
DDK 3XXX	Vertical Tilt Striker	4

STRIKERS

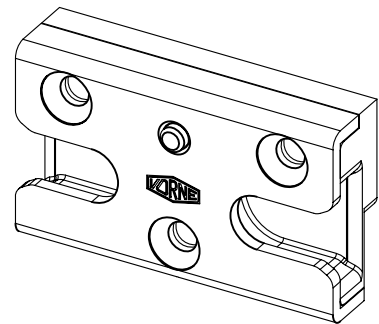
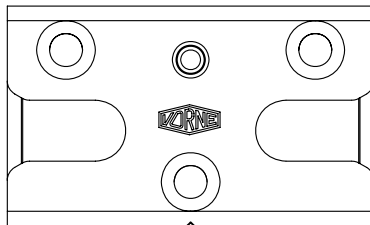
6.0.2.



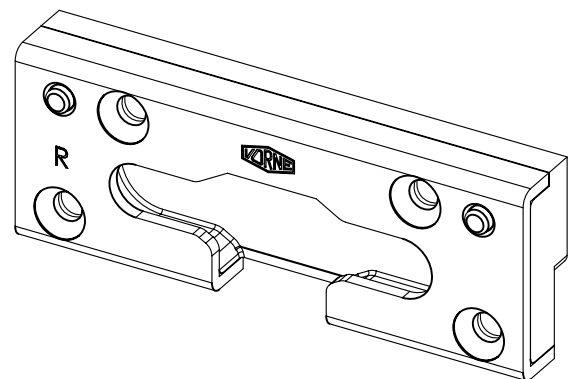
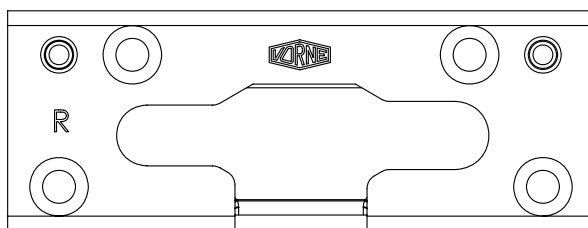
GHK 3xxx



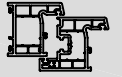
GKK 3xxx



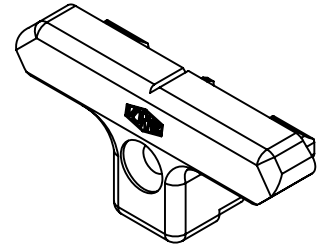
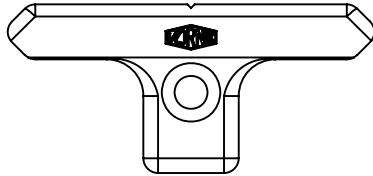
YDK 3xxx



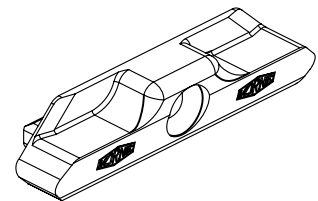
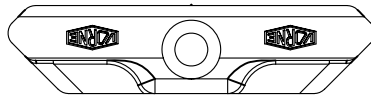
Article Code	Description	
GHK 3XXX	Night Ventilation Striker	2
GKK 3XXX	Secury Cam Striker	3
YDK 3XXX	Horizontal Tilt Striker	4



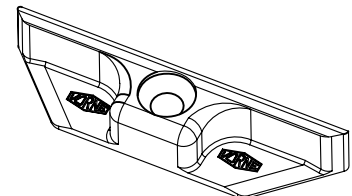
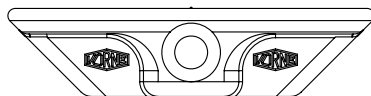
KK 3xxx



KK 3xxx



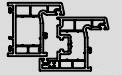
KK 3xxx



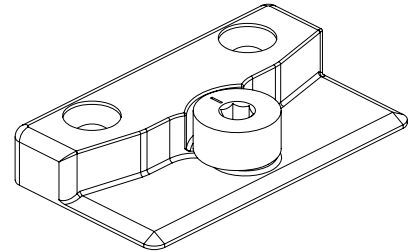
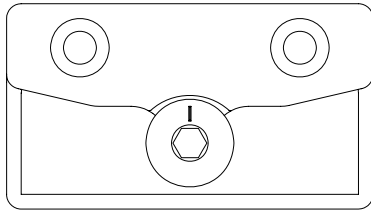
Article Code	Description	
KK 3xxx	Roller Cam Striker	1
KK 3xxx	Roller Cam Striker	1
KK 3xxx	Roller Cam Striker	1

STRIKERS

6.0.4.



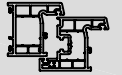
HKK 3xxx



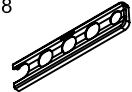
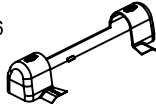
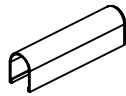
Article Code	Description	
HKK 3XXX	Fault Usage & Wing Striker	2

PLASTIC COVER CAP SETS

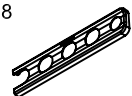
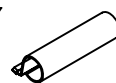
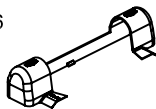
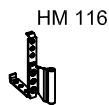
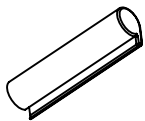
7.0.1.



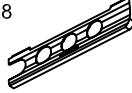
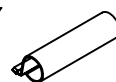
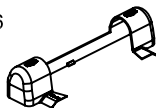
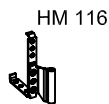
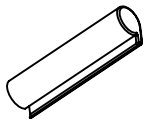
KP121



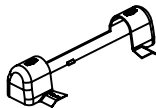
KP116-R/L



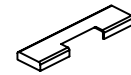
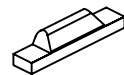
KP128-R/L



KP205



KP206



Standard Colours

White (B)

Brown (K)

Light Brown (AK)

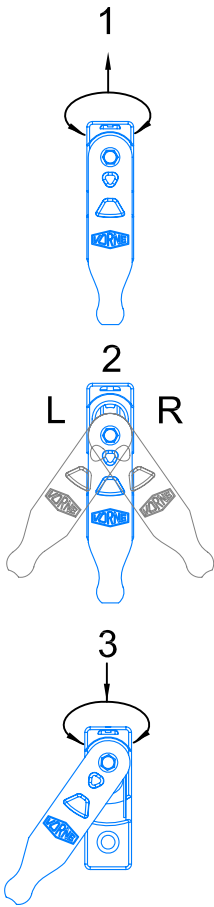
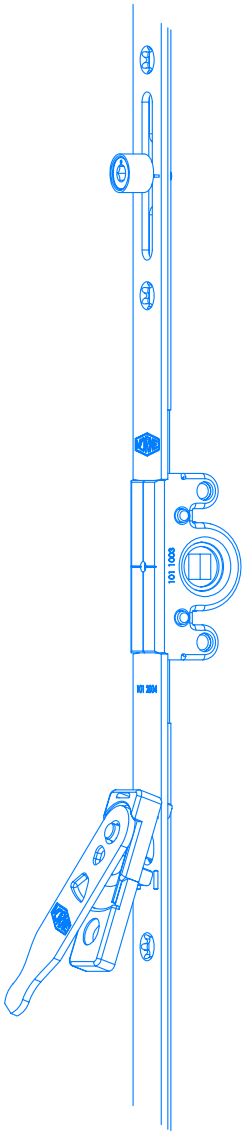
Special Colours

Gold (AS)

Silver (GM)

Champagne (ŞM)

Bronze (BR)



HKE 119

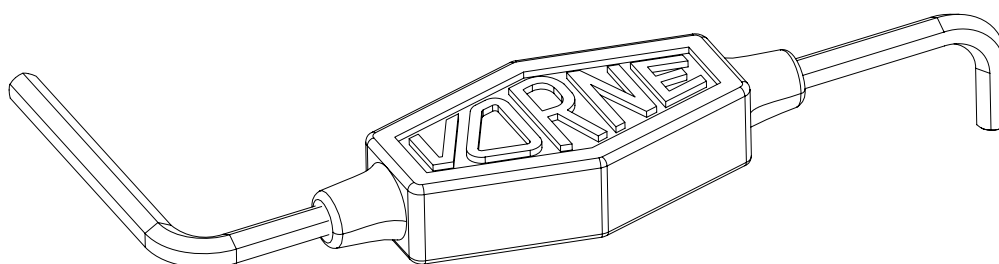


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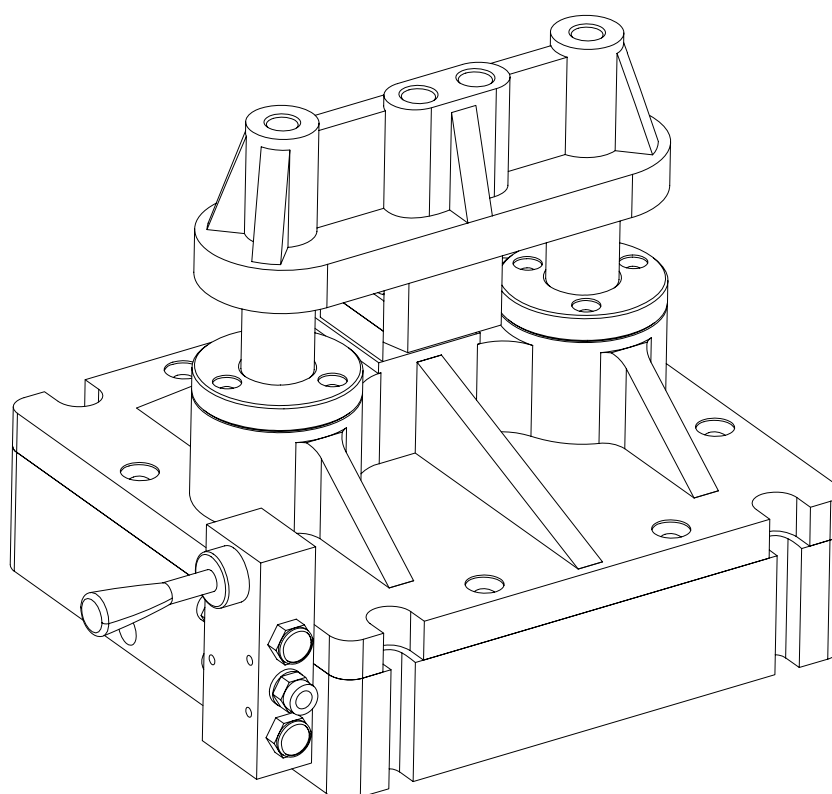
Article Code	Description	
HKE 119	Fault Usage & Wing Adjustment	1

ALLEN KEY (4 mm)

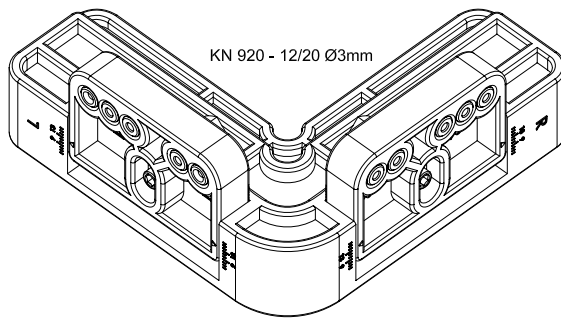
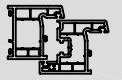
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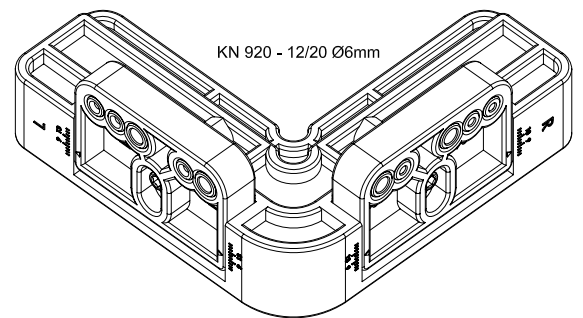
Article Code	Description
AN 904	Allen Key (4 mm)



Article Code	Description
IKP 903	Pneumatic Cropping-Tool

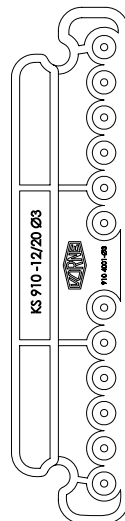


KN 920 - 12/20 Ø3mm

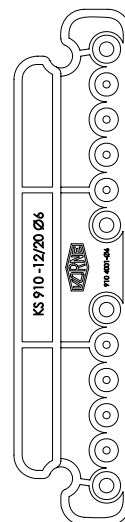


KN 920 - 12/20 Ø6mm

KS 910 - 12/20 Ø3mm



KS 910 - 12/20 Ø6mm



Article Code	Description
KN 920-3	Jig For Sash
KN 920-6	Jig For Sash
KS 910-3	Jig For Frame
KS 910-6	Jig For Frame