

# RIBANNTA INCANTO 5



For Euro-groove profiles and NC  
International

- Functional aesthetics
- Fast and easy installation
- Weight capacity until 180 Kg
- Concealed hinges
- Integrated night ventilation

# QUICK, INVISIBLE, PRACTICALLY INCANTO 5.



savio.it



## **If you can't see it, it's because it's there**

Ribanta Incanto 5, the new Savio system for tilt-and-turn windows with concealed hinges changes the way you think of your work. Great design and easy-to-install system that will leave you wide-eyed.

# THE NEW SAVIO CONCEALED TILT-AND-TURN SYSTEM IS HERE, COMBINING INVISIBILITY WITH RAPID INSTALLATION.

## And that's not all:

it's **strong** – capacity of up to 180 kg for all types of installations, at home or in public premises;

it's **quick** – the front-mounted components ensure extremely rapid installation;

it's **simple** – innovative installation/removal system, even quicker than Ribanta Incanto;

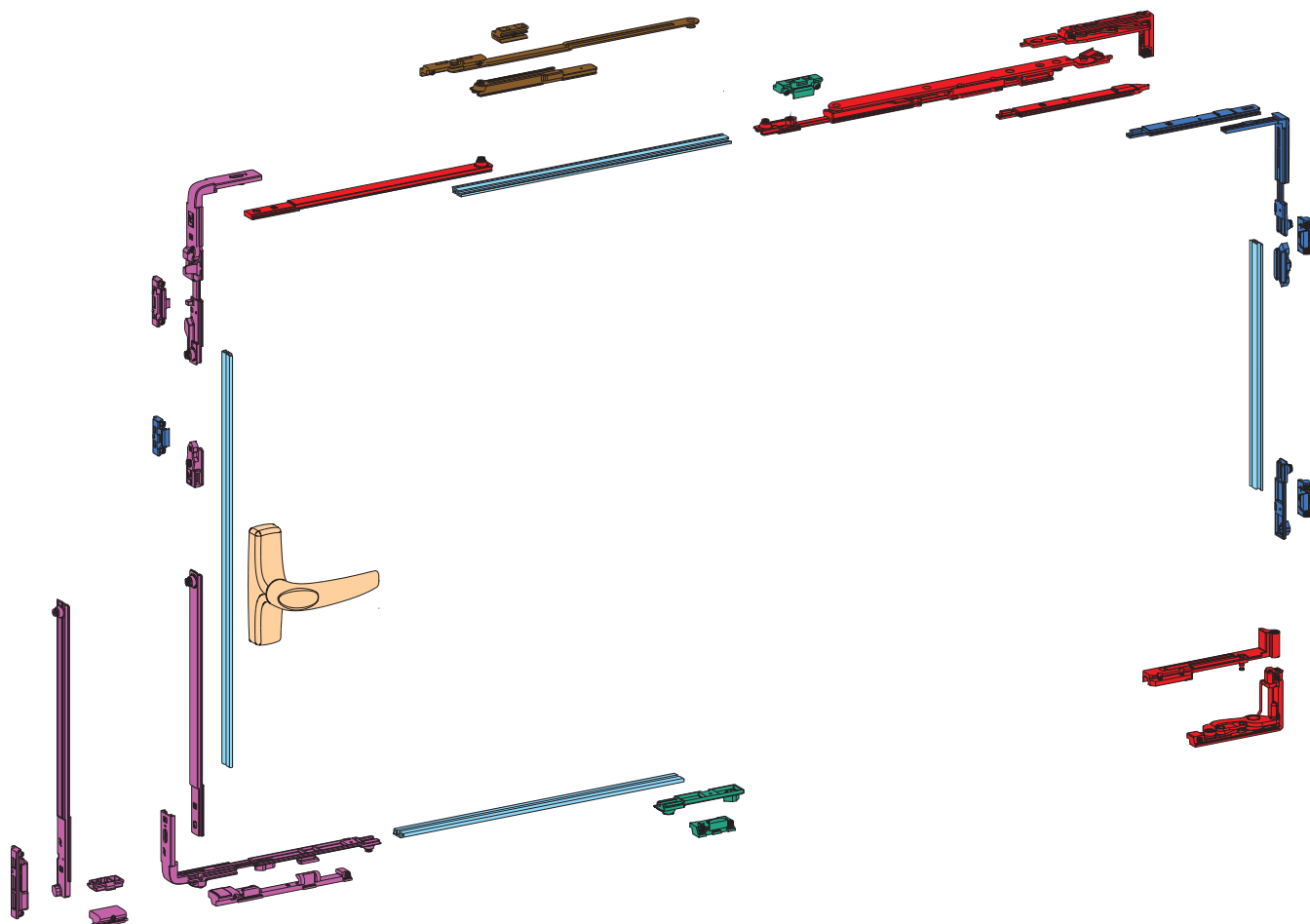
it's **practical** – the 110° angle makes the window opening wide and user-friendly.

Ribanta Incanto 5.  
Invisible innovation.

 SAVIO  
Open mind for closing systems.



### Tilt-first function



Pcs.	Description		Items		RIBANTA INCANTO 5										
					H mm	700 1400	1401 2700	700 1400	1401 2700	700 1400	1401 2700	700 1400	1401 2700	1401 2700	
					L mm	455 619	620 854	855 1204	1205 1404	1405 1700					
5	Kit with short arm and concealed hinges		3211.730R	3211.730L	1										
5	Kit with standard arm and concealed hinges		3211.731R	3211.731L			1								
5	Kit with long arm and concealed hinges		3211.732R	3211.732L							1				
5	Supplementary arm		3201.800R	3201.800L								1			
20	Basic kit with vertical fulcrum (without support and hinge pivot)		3201.20R	3201.20L				1							
20	Basic kit with corner drive fulcrum (without support and hinge pivot)		3201.22R	3201.22L				1							
5	Reinforcement kit		3010.718R	3010.718L				1							
5	Kit for 6 closing points		3210.820R	3210.820L		1		1		1				1	
5	Kit for 8 closing points		3200.825R	3200.825L											1
1	Bottom hinge positioning jig		3010.950												
1	Accessories positioning jig for frame elements		3200.952					1							

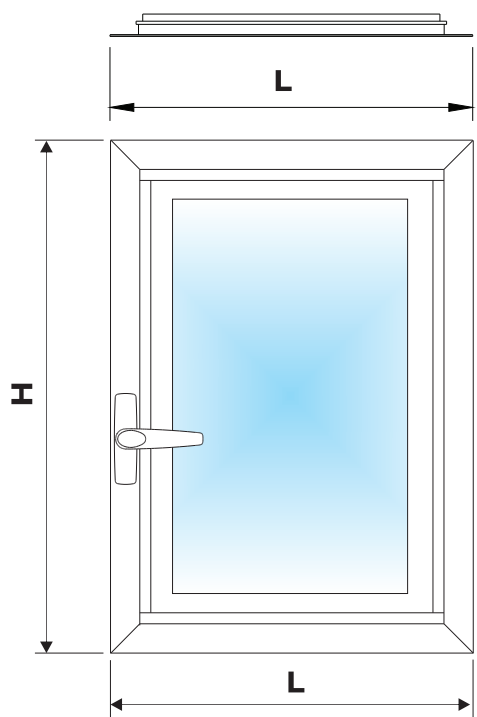
### Rod choice layout

Valid for all types of gearing (turn-first or tilt-first function, vertical or corner drive fulcrum).

X= provided. /= not provided.

L	B mm	D mm
455 ÷ 619	X	/
620 ÷ 854	X	
855 ÷ 1004	250	
1005 ÷ 1204	400	
1205 ÷ 1404	600	
1405 ÷ 1604	800	
1605 ÷ 1700	1000	400

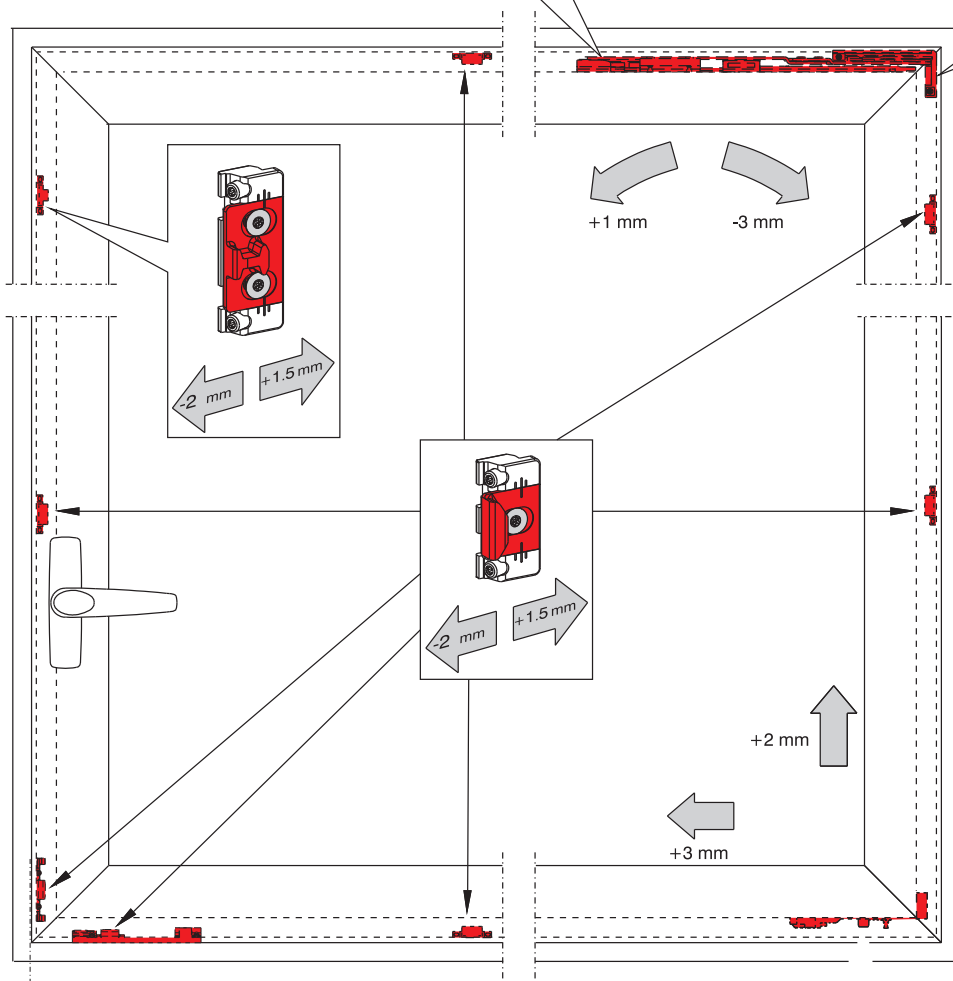
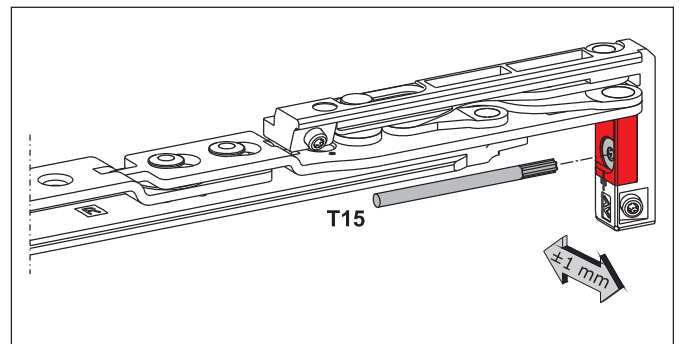
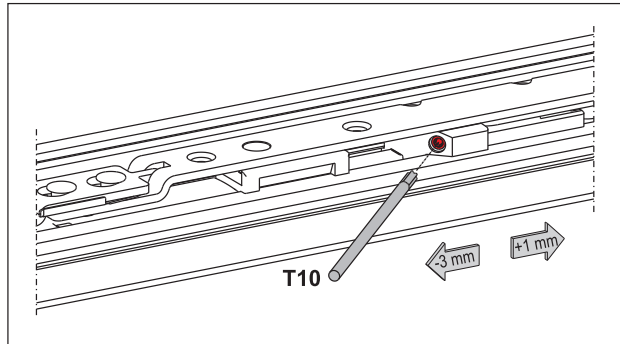
H	A mm	C mm
700 ÷ 899	400	/
900 ÷ 1099	600	
1100 ÷ 1299	800	
1300 ÷ 1399	1000	600
1400 ÷ 1499		
1500 ÷ 1699	1200	800
1700 ÷ 1899	1400	
1900 ÷ 2099	1600	1000
2100 ÷ 2299	1800	
2300 ÷ 2499	2000	1200
2500 ÷ 2700	2700	



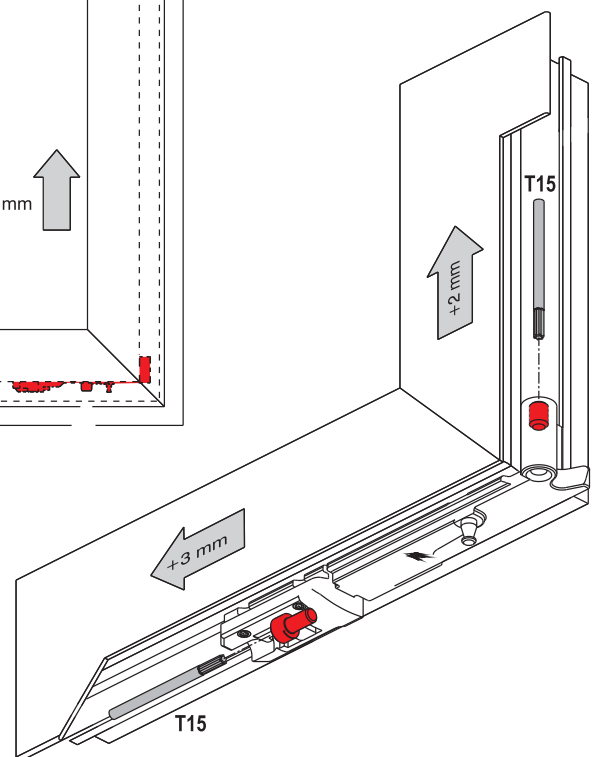
Description	mm	Item	Pcs./Box
Transmission rod size:	250	3205/25	100
	400	3205/40	100
	600	3205/60	100
	800	3205/80	100
	1000	3205/100	100
	1200	3205/120	100
	1400	3205/140	100
	1600	3205/160	100
	1800	3205/180	50
	2000	3205/200	50
	2200	3205/220	50
3000	3205/300	50	

## Adjustments

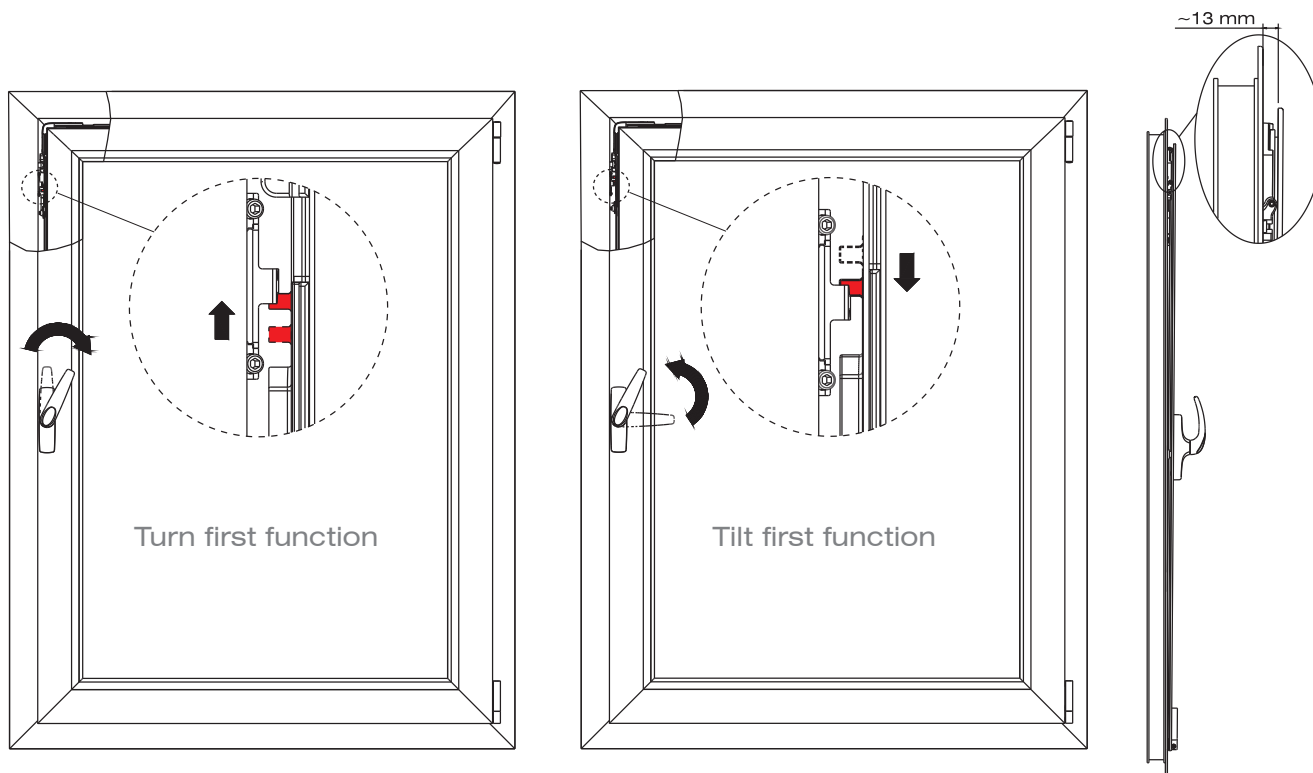
### Sash horizontal adjustment



Lower hinge: clearance and height adjustment

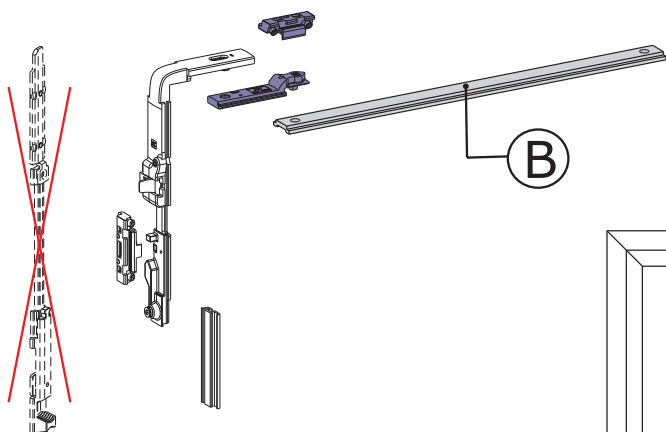


## Night ventilation

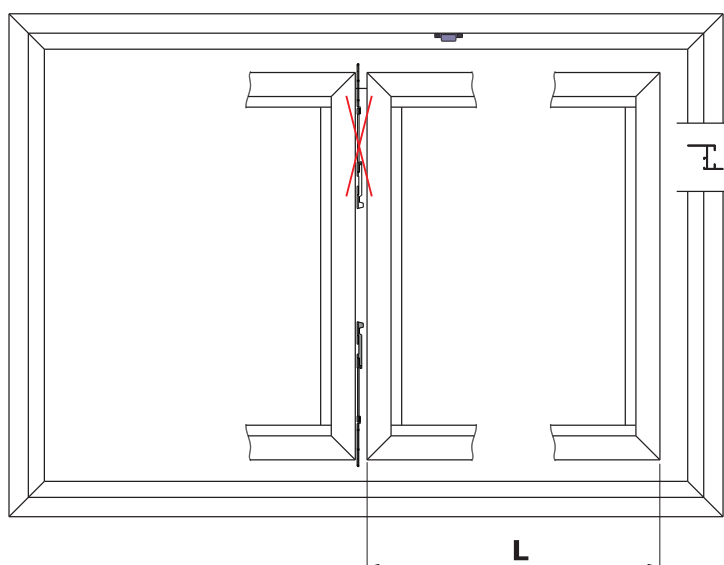


To do the night ventilation opening, turn the handle in tilt position and open slightly the leaf, then turn the handle until the block on the upper adjustable keeper.

## Use of locking piece + adjustable keeper kit art. 3200.805



L	B
520 ÷ 688	L - 276
689 ÷ 1300	L - 600





## Application fields

Art. 3210.730R/L - 3210.731R/L - 3210.741R/L  
 Art. 3210.732R/L - 3210.742R/L - 3211.730R/L  
 Art. 3211.731R/L - 3211.732R/L - 3212.R/L

Art. 3210.730R/L  
 Art. 3211.730R/L - 3211.731R/L - 3211.732R/L

Leaf max weight of 100 Kg

H	2700	38	34	27	26	22	19	18	17	15	13	12	11	10	9	9	8
	2600	40	35	28	27	23	20	18	17	15	14	12	11	10	10	9	8
	2500	42	37	30	28	24	21	19	18	16	14	13	12	11	10	9	9
	2400	44	39	31	30	26	22	20	19	17	15	14	13	11	11	10	9
	2300	46	41	32	31	27	23	21	20	18	16	14	13	12	11	10	10
	2200	48	43	34	33	28	24	22	21	19	17	15	14	13	12	11	10
	2100	●	45	36	35	30	26	24	22	20	18	16	15	13	12	12	11
	2000	●	48	38	37	32	27	25	23	21	19	17	15	14	13	12	11
	1900	●	●	40	39	33	29	26	25	22	20	18	16	15	14	12	11
	1800	●	●	43	41	36	30	28	26	23	21	19	17	16	14	12	11
	1700	●	●	46	44	38	32	30	28	25	22	20	19	16	14	12	11
	1600	●	●	49	47	41	35	32	30	27	24	22	19	16	14	12	11
	1500	●	●	●	●	44	37	35	33	29	26	23	20	16	14	12	10
	1400	●	●	●	●	47	40	37	35	31	28	23	20	16	14	12	10
	1300	●	●	●	●	44	41	38	34	29	23	20	16	14	12	9	
	1200	●	●	●	●	48	45	42	35	29	23	20	16	13	10	7	
1100	●	●	●	●	●	49	45	36	29	23	20	15	11	7	5		
1000	●	●	●	●	●	●	45	36	29	23	17	11	8	5	X		
900	●	●	●	●	●	●	46	36	28	19	13	8	4	X	X		
800	●	●	●	●	●	●	46	34	22	13	7	X	X	X	X		
700	●	●	●	●	●	●	41	25	14	6	X	X	X	X	X		
		455	500	600	620	700	800	855	900	1000	1100	1205	1300	1405	1500	1600	1700
		L															

Leaf max weight of 130 Kg  
 with the reinforcement kit art. 3010.718R/L

H	2700	●	45	36	35	30	26	24	22	20	18	16	15	14	13	12	11
	2600	●	47	38	36	31	27	25	23	21	19	17	15	14	13	12	11
	2500	●	●	40	38	33	28	26	24	22	19	18	16	15	14	12	11
	2400	●	●	41	40	34	29	27	26	23	20	18	17	15	14	12	11
	2300	●	●	43	42	36	31	28	27	24	21	19	18	16	14	12	11
	2200	●	●	46	44	38	32	30	28	25	22	20	19	16	14	12	11
	2100	●	●	48	46	40	34	32	30	26	24	21	19	16	14	12	11
	2000	●	●	●	49	42	36	33	31	28	25	23	19	16	14	12	11
	1900	●	●	●	●	45	38	35	33	29	26	23	19	16	14	12	11
	1800	●	●	●	●	47	40	37	35	31	28	23	19	16	14	12	11
	1700	●	●	●	●	43	40	38	33	28	23	19	16	14	12	11	
	1600	●	●	●	●	46	43	40	35	28	23	19	16	14	12	11	
	1500	●	●	●	●	●	46	43	35	28	23	20	16	14	12	10	
	1400	●	●	●	●	●	●	45	35	28	23	20	16	14	12	10	
	1300	●	●	●	●	●	●	45	35	29	23	20	16	14	12	9	
	1200	●	●	●	●	●	●	45	35	29	23	20	16	13	10	7	
1100	●	●	●	●	●	●	45	36	29	23	20	15	11	7	5		
1000	●	●	●	●	●	●	45	36	29	23	17	11	8	5	X		
900	●	●	●	●	●	●	46	36	28	19	13	8	4	X	X		
800	●	●	●	●	●	●	46	34	22	13	7	X	X	X	X		
700	●	●	●	●	●	●	41	25	14	6	X	X	X	X	X		
		455	500	600	620	700	800	855	900	1000	1100	1205	1300	1405	1500	1600	1700
		L															

Art. 3210.741R/L - 3210.742R/L  
 Art. 3212.R/L

Leaf max weight of 180 Kg  
 with the reinforcement kit art. 3010.718R/L

H	2700	●	●	●	●	43	37	34	32	28	26	21	18	15	13	12	11
	2600	●	●	●	●	45	38	35	33	30	26	21	18	15	13	12	11
	2500	●	●	●	●	47	40	37	35	31	26	21	18	15	14	12	11
	2400	●	●	●	●	49	42	39	36	32	26	21	18	15	14	12	11
	2300	●	●	●	●	44	41	38	32	26	21	18	16	14	12	11	
	2200	●	●	●	●	46	43	40	32	26	21	19	16	14	12	11	
	2100	●	●	●	●	48	45	40	32	26	21	19	16	14	12	11	
	2000	●	●	●	●	●	45	40	32	26	23	19	16	14	12	11	
	1900	●	●	●	●	●	45	41	32	26	23	19	16	14	12	11	
	1800	●	●	●	●	●	45	41	32	28	23	19	16	14	12	11	
	1700	●	●	●	●	●	46	41	33	28	23	19	16	14	12	11	
	1600	●	●	●	●	●	46	41	35	28	23	19	16	14	12	11	
	1500	●	●	●	●	●	46	43	35	28	23	20	16	14	12	10	
	1400	●	●	●	●	●	45	35	28	23	20	16	14	12	10		
	1300	●	●	●	●	●	45	35	29	23	20	16	14	12	9		
	1200	●	●	●	●	●	45	35	29	23	20	16	13	10	7		
1100	●	●	●	●	●	45	36	29	23	20	15	11	7	5			
1000	●	●	●	●	●	45	36	29	23	17	11	8	5	X			
900	●	●	●	●	●	46	36	28	19	13	8	4	X	X			
800	●	●	●	●	●	46	34	22	13	7	X	X	X	X			
700	●	●	●	●	●	41	25	14	6	X	X	X	X	X			
		455	500	600	620	700	800	855	900	1000	1100	1205	1300	1405	1500	1600	1700
		L															

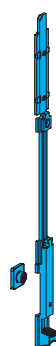
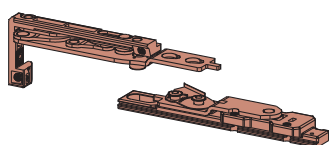
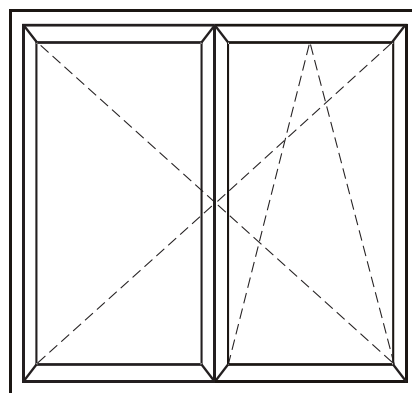
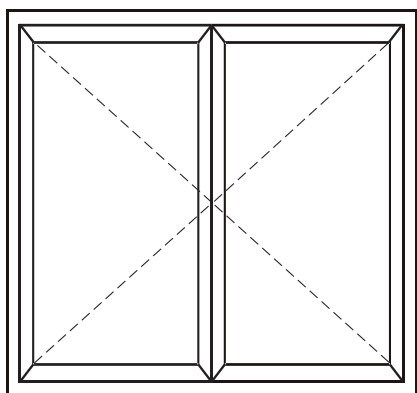
H = Moving leaf height - L = Moving leaf width

Max glass thickness of 50 mm   
 Max glass thickness indicated (ex. 20 mm)   
 Not feasible

NOTE: The glass thickness refers to the thickness of material without air space.

Weight capacities and application fields indicated are guaranteed by using the accessories on suitable profiles. In the event of significant size and weight, please contact the technical department of the system manufacturer or to Savio.

### Secondary leaf accessories



3212R  
3212L

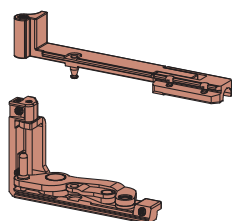
1416.5W

1414W



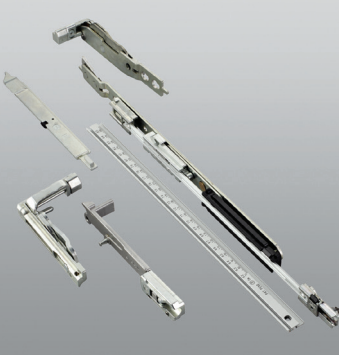
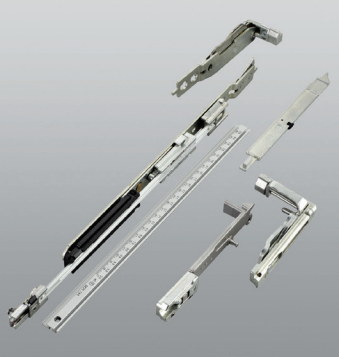

1414.1W

3200.850 ÷ 3200.854  
3200.896


1551.6





## Set codes of RIBANTA INCANTO 5

	Item	Description	Pcs.	Finishes
	3210.730R	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with short arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, rod divided into millimetres in pre-oxidized aluminum, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.730R	Like 3210.730R but for <b>tilt-first function</b> .	5	
	Item	Description	Pcs.	Finishes
	3210.730L	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with short arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, rod divided into millimetres in pre-oxidized aluminum, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.730L	Like 3210.730L but for <b>tilt-first function</b> .	5	
	Item	Description	Pcs.	Finishes
	3210.731R	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with standard arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, premounted rod and rod divided into millimetres in pre-oxidized aluminum, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.731R 3210.741R	Like 3210.731R but for <b>tilt-first function</b> . Like 3210.731R but with standard arm in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5 5	
	Item	Description	Pcs.	Finishes
	3210.731L	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with standard arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, premounted rod and rod divided into millimetres in pre-oxidized aluminum, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.731L 3210.741L	Like 3210.731L but for <b>tilt-first function</b> . Like 3210.731L but with standard arm in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 180 Kg.</b>	5 5	
	Item	Description	Pcs.	Finishes
	3210.732R	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with long arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.732R 3210.742R	Like 3210.732R but for <b>tilt-first function</b> . Like 3210.732R but with long arm in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 180 Kg.</b>	5 5	

## Set codes of RIBANTA INCANTO 5

Item	Description	Pcs.	Finishes	
	3210.732L	RIBANTA INCANTO 5 (patented) Kit for <b>turn-first function</b> with long arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak, TORX® pre-assembled grub screws in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 130 Kg.</b>	5	
	3211.732L	Like 3210.732L but for <b>tilt-first function</b> .	5	
	3210.742L	Like 3210.732L but with long arm in stainless steel. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 180 Kg.</b>	5	

Item	Description	Pcs.	Finishes	
	3212.R	RIBANTA INCANTO 5 (patented) <b>RH</b> concealed hinges kit for RIBANTA INCANTO secondary casement in white galvanized zamak and high resistance white galvanized steel, TORX® screws and grub screws. <b>Casement max weight: 100 Kg; with the reinforcement kit art. 3010.718R/L 180 Kg.</b>	5	
	3212.L	Like 3212.R but <b>left</b> hand.	5	

Item	Description	Pcs.	Finishes	
	3210.820R	<b>Right</b> kit for 6 closing points in white galvanized zamak, premounted TORX® screws in stainless steel.	5	
	3210.820L	Like 3210.820R but <b>left</b> hand.	5	

For all the other existing items, please see the general catalogue on SAVIO website [www.savio.it](http://www.savio.it).



## Classification table for tilt-and-turn closing systems according to standard EN 13126-8:2006

Max weight capacity for 130 Kg version \*

1	2	3	4	5	6	7	8	9
-	4	130	0	1	4	-	8	1300/1200 1550/1400

Max weight capacity for 180 Kg version \*

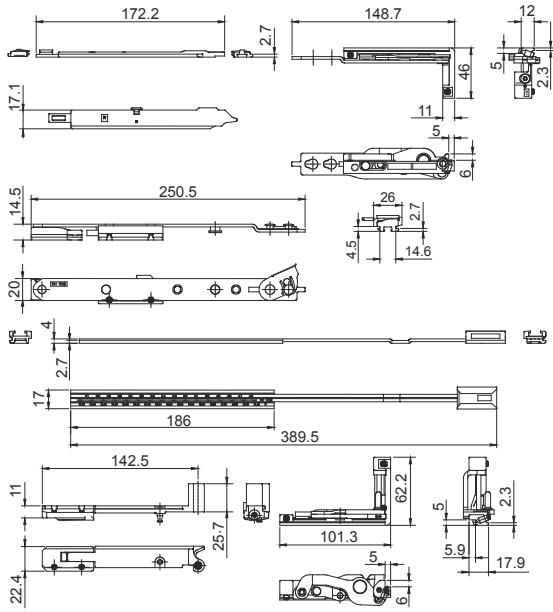
1	2	3	4	5	6	7	8	9
-	4	180	0	1	4	-	8	900/2300

1	Category of use	Not requested
2	Durability	Grade 4: 15,000 cycles of opening/closing operations (tilt position) and 5,000 cycles of opening/closing operations (turn position) for a total of 60,000 movements
3	Max weight of the window	130/180: Max weight capacity of the window 130/180 Kg
4	Application on fire door assemblies	Not requested
5	Safety	Digit 1: the mechanism is safe for the user
6	Corrosion resistance	Digit 4: very high resistance (240 hours in salt spray)
7	Anti-burglar security	Not requested
8	Mechanism application typology	Digit 8: Type A, tilt and turn window (internal opening)
9	Dimension sample for test	Weight capacity of 130 Kg: width up to 1300 - max height 1200 mm; width up to 1550 - max heightx 1400 mm. Weight capacity of 180 Kg: width up to 900 - max height 2300 mm.

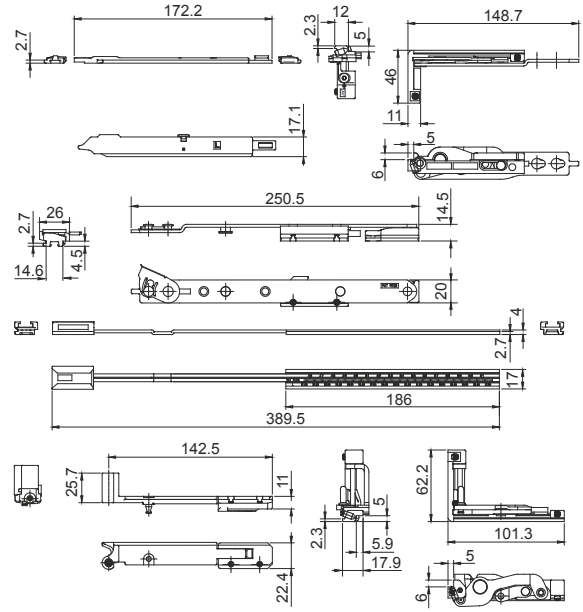
\* Weight capacities and application fields are guaranteed using our accessories on suitable profiles. In case of bigger dimensions and weights, please, contact SAVIO or extruder technical dept.

Turn-first function

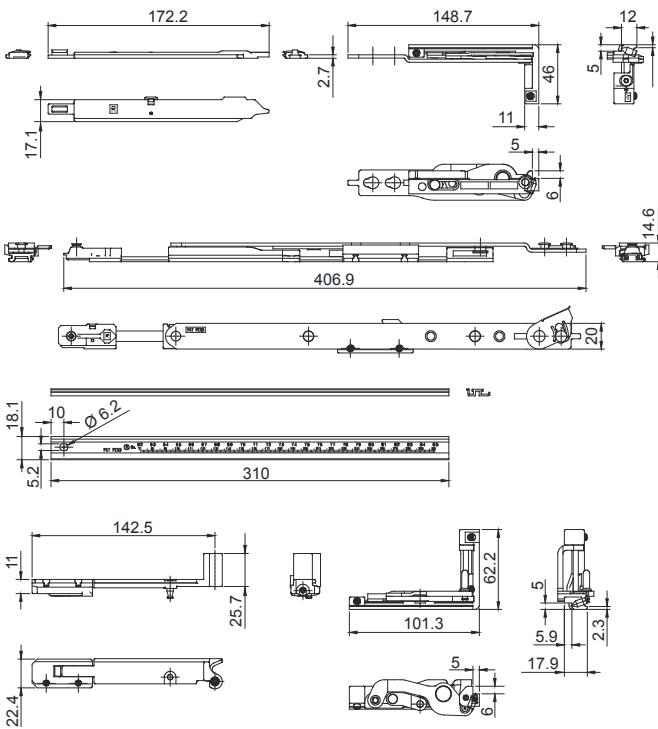
3210.730R



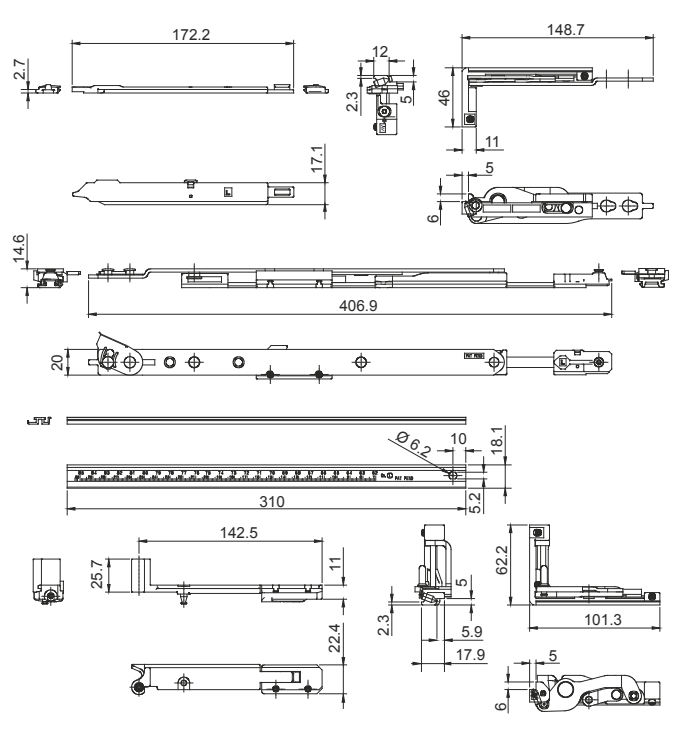
3210.730L



3210.731R

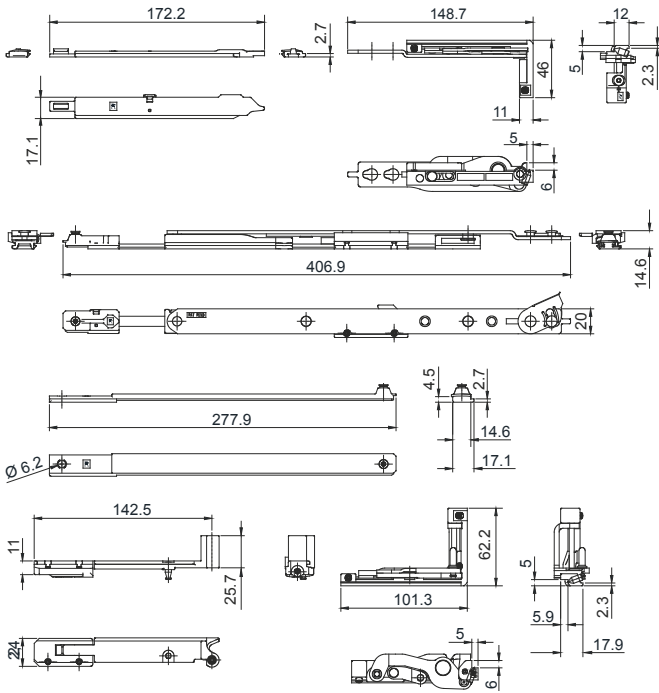


3210.731L

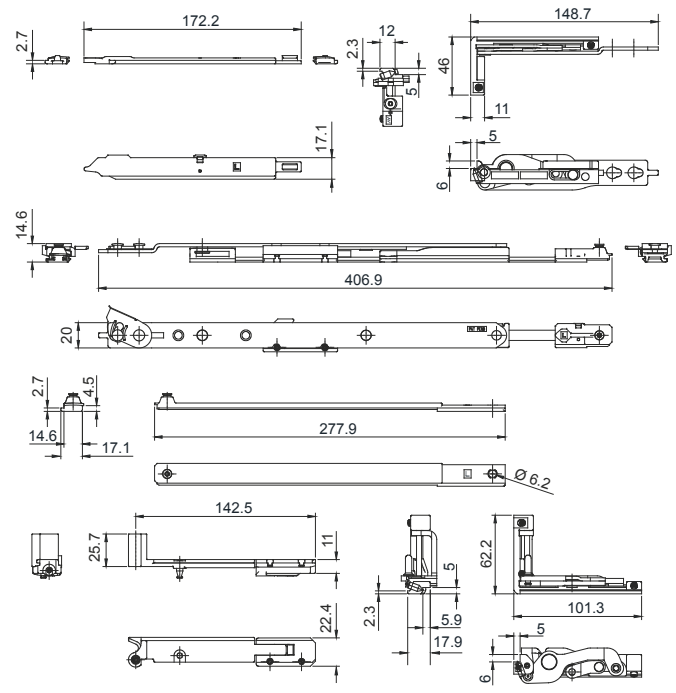


Turn-first function

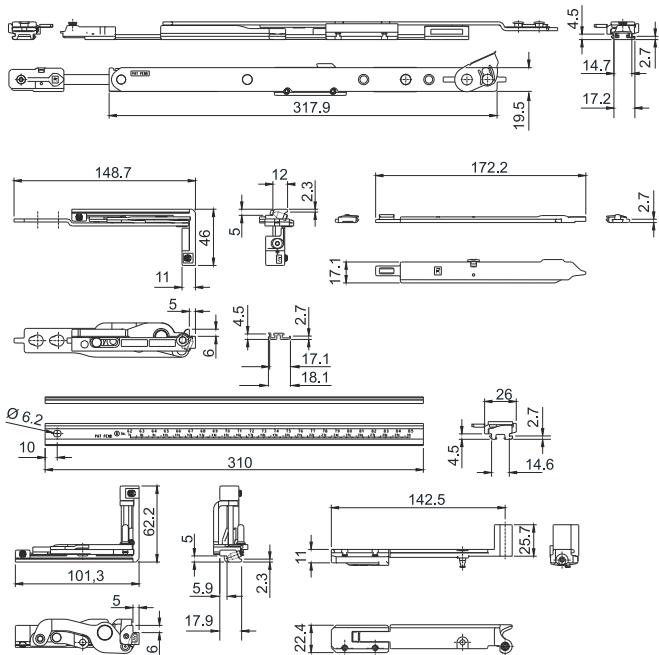
3210.732R



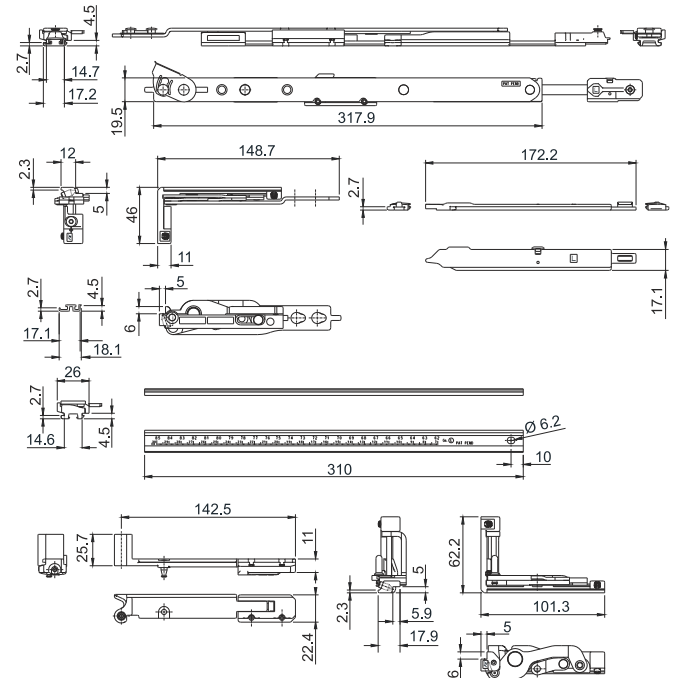
3210.732L



3210.741R

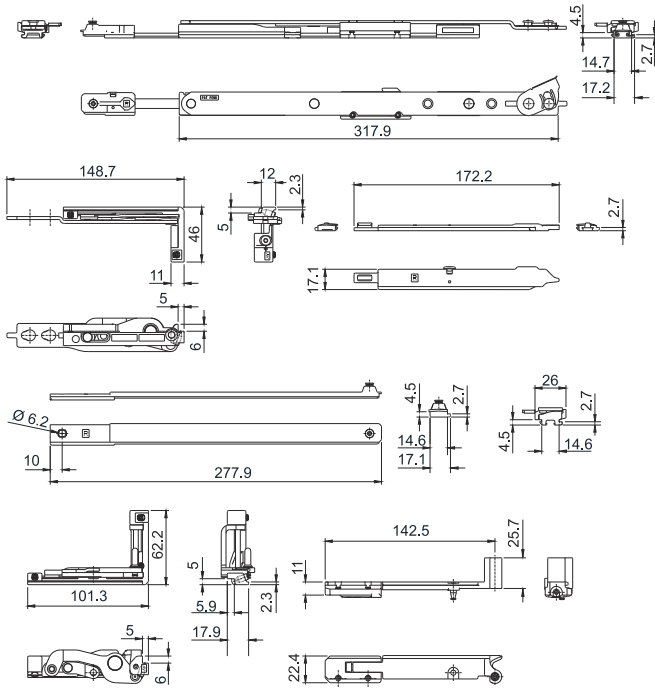


3210.741L

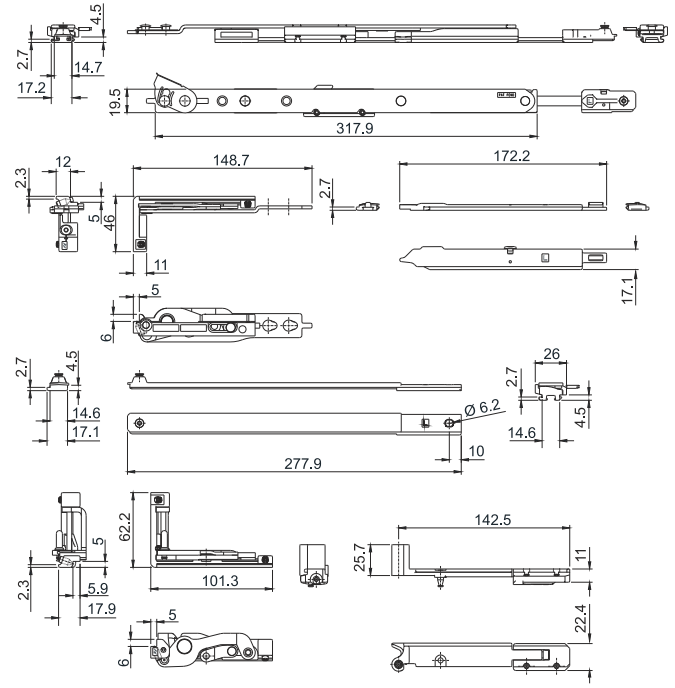


Turn-first function

3210.742R

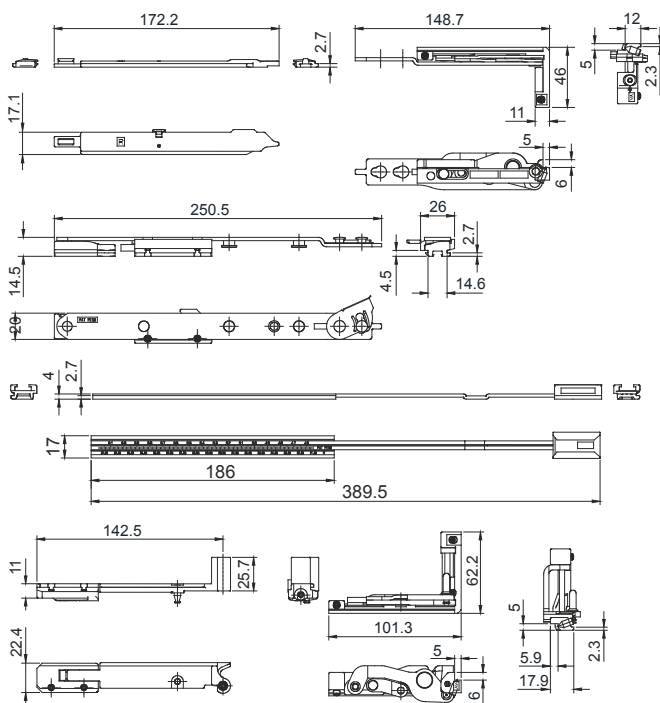


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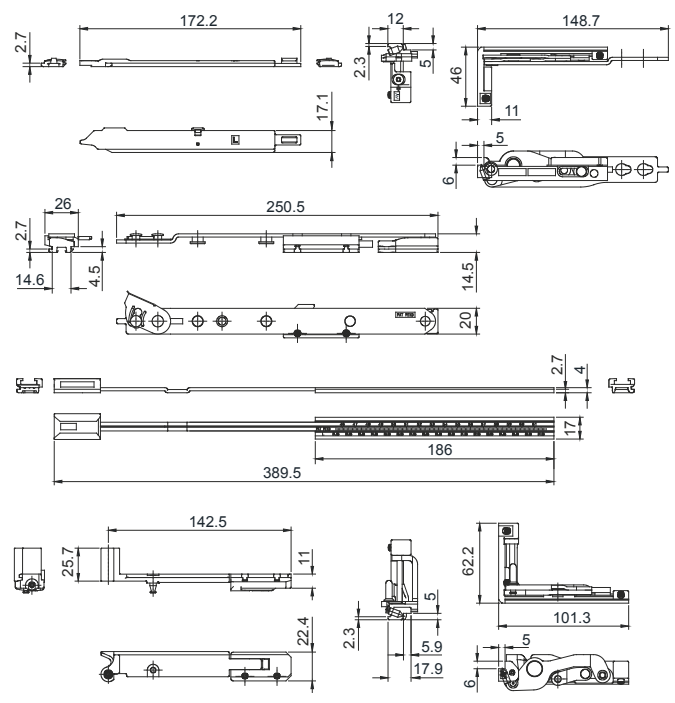


Tilt-first function

3211.730R



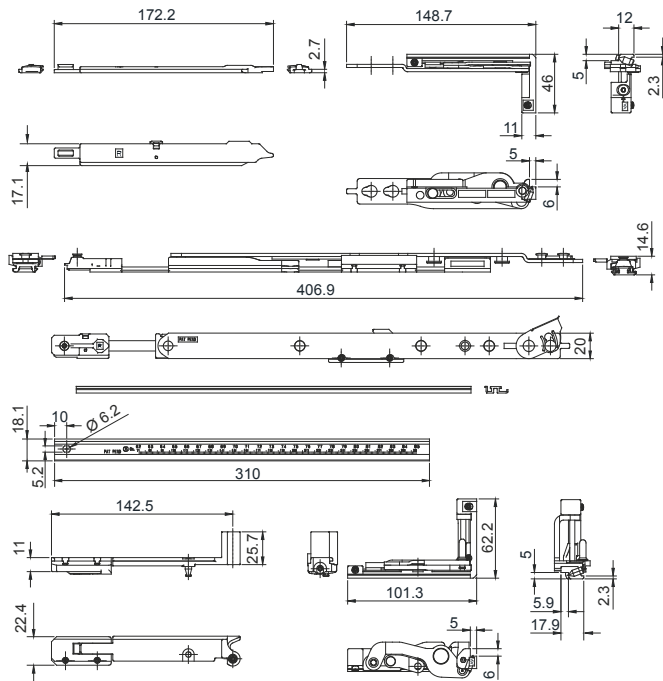
3211.730L



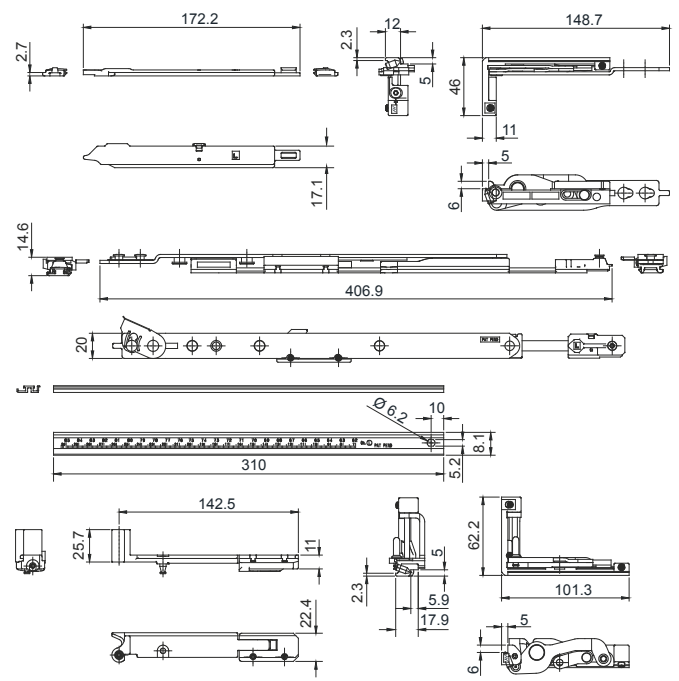


Tilt-first function

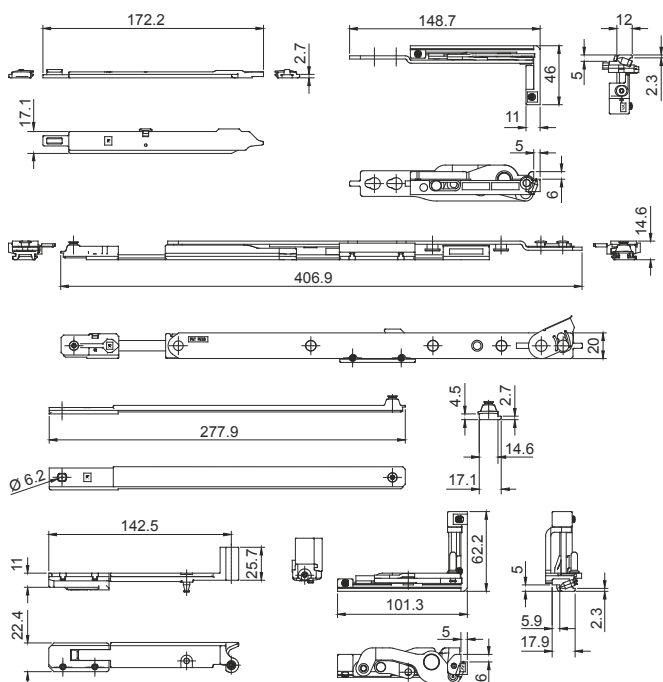
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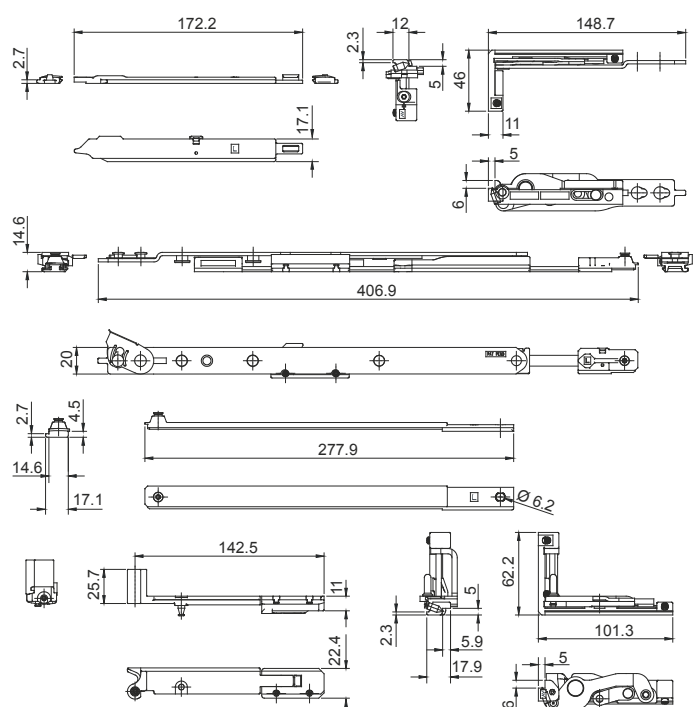
3211.731L



3211.732R

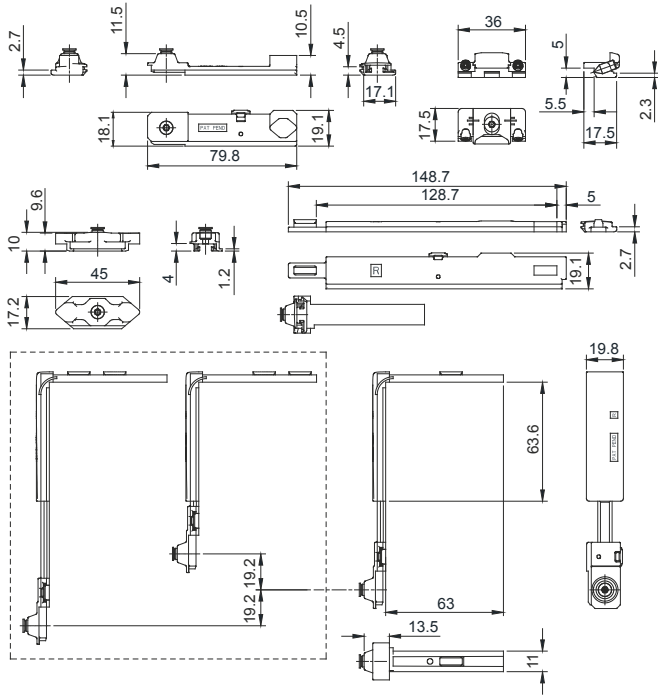


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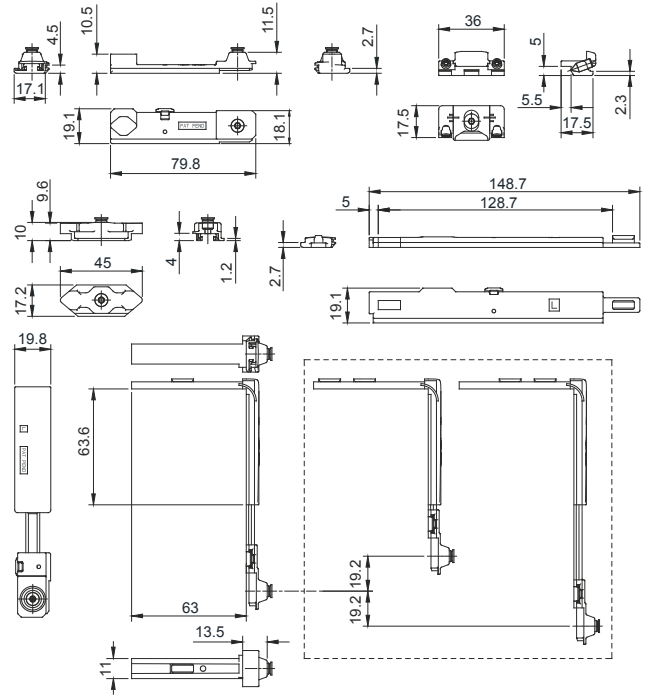


Accessories

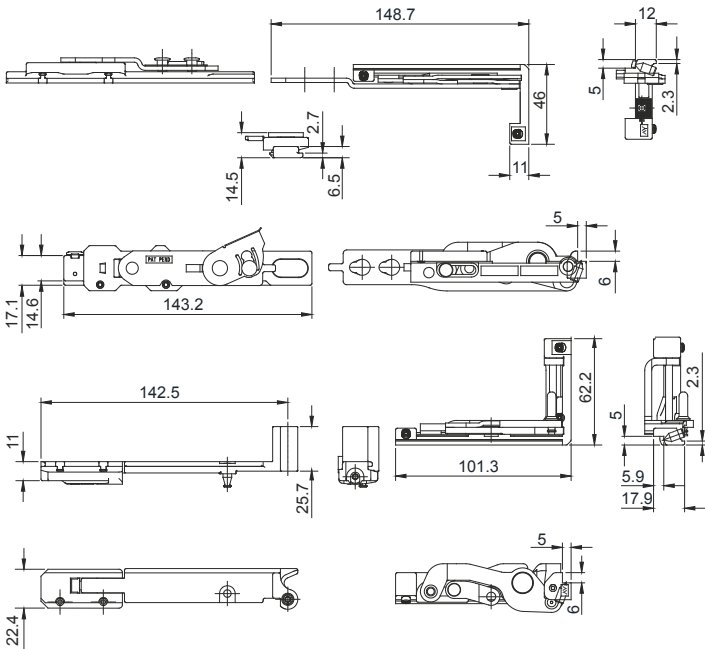
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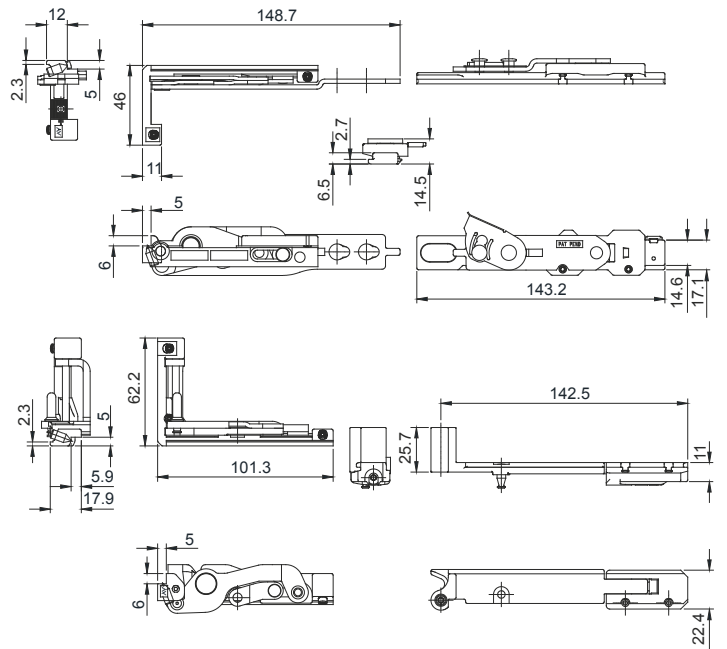
3210.820L



3212.R



3212.L







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