

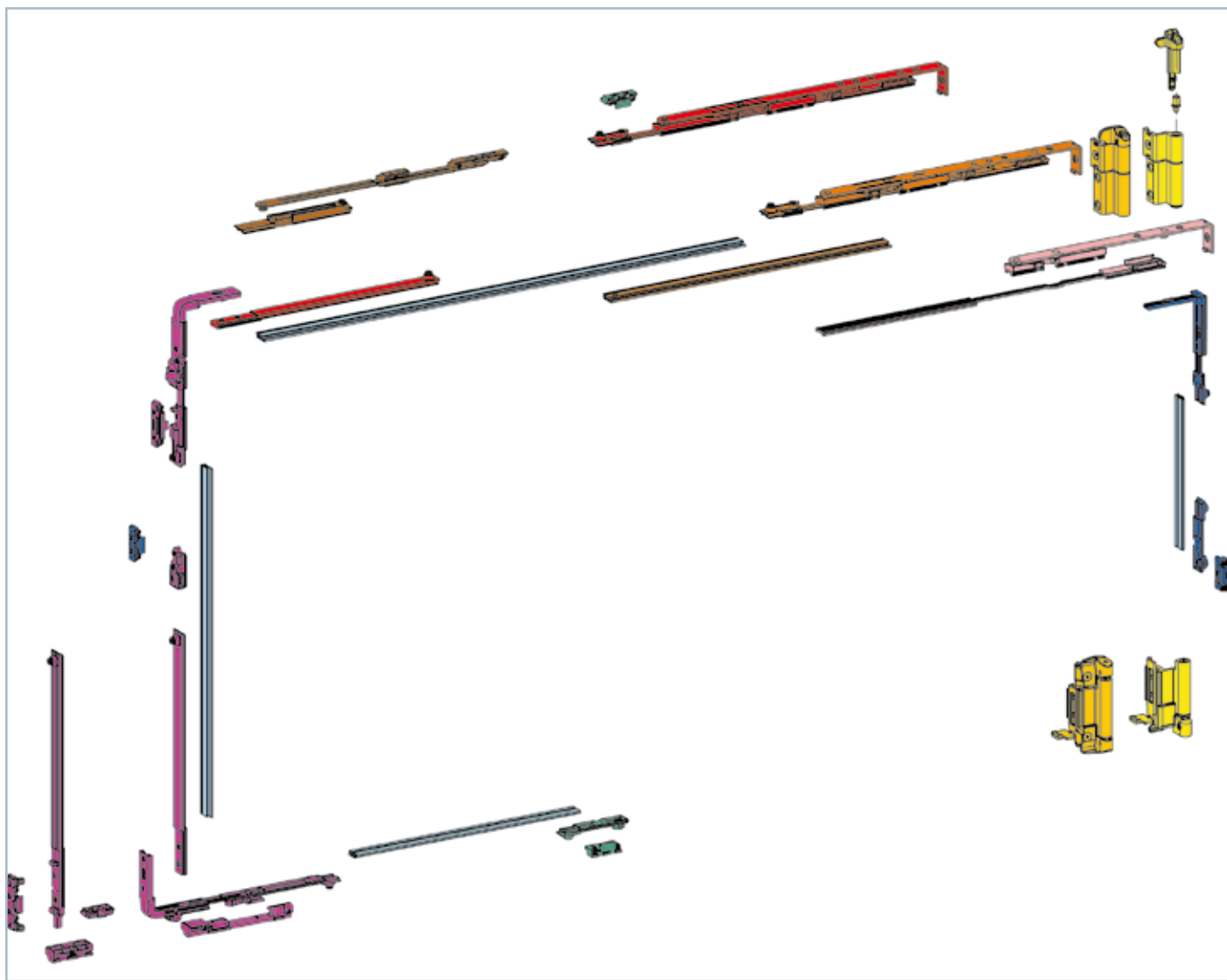


## Tilt and turn window mechanisms and accessories

155



- RIBANTA 5 for Euro-grooves profiles and NC International Page 156
- RIBANTA 5 for Euro-grooves profiles and NC International **WITH ADJUSTABLE NIGHT VENTILATION** Page 178
- RIBANTATRE 150 for Euro-grooves profiles and NC International Page 186
- RIBANTATRE 150 RESTYLING for Euro-grooves profiles and NC Int. Page 198
- RIBANTA 4 for Euro-grooves profiles and NC International Page 210
- RIBANTA 4 RESTYLING for Euro-grooves profiles and NC Int. Page 222
- RIBANTA INCANTO for Euro-grooves profiles and NC International Page 236
- RIBANTA INCANTO+ for Euro-grooves profiles and NC International Page 248
- RIBANTATRE for profiles with clearance 31.5 mm Page 260



## RIBANTA 5

for Euro groove and NC International profiles

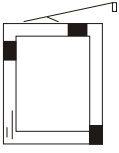
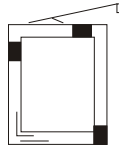





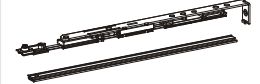
**TILT AND TURN GEARING**


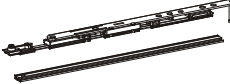

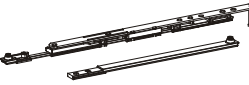
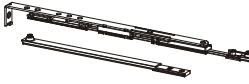

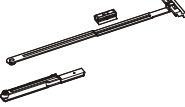
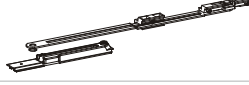
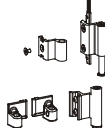


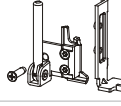

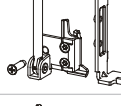
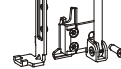
Pieces needed for realizing a window/door, following L and H dimensions

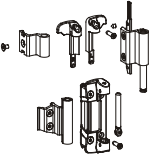




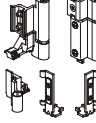
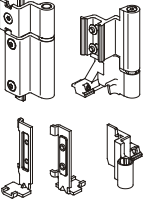
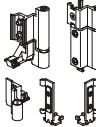

PCS	DESCRIPTION	CODE	H		700		1401		700		1401		700		1401		Secondary leaf
			1400	2700	1400	2700	1400	2700	1400	2700	1400	2700	1400	2700	1400	2700	
5	(pat.) Basic kit with left vertical fulcrum for turn-first function	3200.L															
5	(pat.) Basic kit with right vertical fulcrum for turn-first function	3200.R															
20	(pat.) Basic kit with left vertical fulcrum for turn-first function	3200.20L															
20	(pat.) Basic kit with right vertical fulcrum for turn-first function	3200.20R															
5	(pat.) Basic kit with left vertical fulcrum for turn-first function (without support and hinge pivot)	3200.5L															
5	Like 3200.5L but RH	3200.5R															
5	(pat.) Basic kit with left vertical fulcrum, turn-first function, without support and hinge pivot (to use with 3200.859)	3200.7L															
5	Like 3200.7L but RH	3200.7R															
5	(pat.) Right horizontal fulcrum Kit, turn-first function	3200.2L															
5	(pat.) Right horizontal fulcrum Kit, turn-first function	3200.2R															
20	(pat.) Right horizontal fulcrum Kit, turn-first function	3200.22L															
20	(pat.) Left vertical fulcrum Kit, turn-first function	3200.22R															
5	(pat.) Left horizontal fulcrum Kit, turn-first function (without support and hinge pivot)	3200.6L															
5	Like 3200.6L but RH	3200.6R															
5	(pat.) Left horizontal fulcrum Kit, turn-first function and fixed height of handle to 300 mm	3200.3L															
5	Like 3200.3L but RH	3200.3R															
5	(pat.) Left short arm, turn-first function	3200.750L															
5	(pat.) Right short arm, turn-first function	3200.750R															
20	(pat.) Left short arm, turn-first function	3200.770L															
20	(pat.) Right short arm, turn-first function	3200.770R															
5	(pat.) Left standard arm, turn-first function	3200.751L															
5	(pat.) Right standard arm, turn-first function	3200.751R															
20	(pat.) Left standard arm, turn-first function	3200.771L															
20	(pat.) Right standard arm, turn-first function	3200.771R															
5	(pat.) Left long arm, turn-first function	3200.752L															
5	(pat.) Right long arm, turn-first function	3200.752R															
20	(pat.) Left long arm, turn-first function	3200.772L															
20	(pat.) Right long arm, turn-first function	3200.772R															
5	(pat.) Left additional arm, turn-first function	3200.800L															
5	(pat.) Right additional arm, turn-first function	3200.800R															
5	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 110 Kg)	3200.709															
20	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 110 Kg)	3200.729															
5	(pat.) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg	3200.708L															
5	Like 3200.708L but RH	3200.708R															
5	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 170 Kg)	3200.701															
20	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 170 Kg)	3200.721															
5	Left bottom hinge support (weight capacity 170 Kg)	3200.700L															
5	Right bottom hinge support (weight capacity 170 Kg)	3200.700R															
20	Left bottom hinge support (weight capacity 170 Kg)	3200.720L															
20	Right bottom hinge support (weight capacity 170 Kg)	3200.720R															
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles	3200.740															
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.)for internally flush profiles with height rebate of 10 mm	3200.742															
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth	3200.745															
5	(pat.) Left kit for 6 closing points	3200.820L															
5	(pat.) Right kit for 6 closing points	3200.820R															
5	(pat.) Left Kit for 8 closing points	3200.825L															
5	(pat.) Right Kit for 8 closing points	3200.825R															
5	Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg)	3200.710L															
5	Like 3200.710L but RH	3200.710R															
20	Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg)	3200.730L															
20	Like 3200.730L but RH	3200.730R															
5	Hinge Kit for secondary leaf (weight capacity 80 Kg)	3200.809															
20	Hinge Kit for secondary leaf (weight capacity 80 Kg)	3200.829															
5	Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles	3200.831															
5	Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles with height rebate of 10 mm	3200.842															
5	(pat.) Left upper support for secondary leaf hinge	3200.840L															
5	(pat.) Right upper support for secondary leaf hinge	3200.840R															
20	(pat.) Left upper support for secondary leaf hinge	3200.860L															
20	(pat.) Right upper support for secondary leaf hinge	3200.860R															
20	Vertical clamp bolt	3200.850÷.854															
20	Vertical clamp bolt	3200.896															
20	(pat.) Lever bolt	1551.6															
10	Monolithic bolt kit for secondary leaf alongside tilt and turn with vertical fulcrum (art. 3200.7L/R)	3200.859															
20	Bi-directional bolt	1538															
5	Corner device kit	3200.845															
200	Adjustable Keeper	1414W															
200	Adjustable Keeper	1414.1W															
100	Double keeper	1416.5W															
40	Hinge-side supplementary closing point	1246.832W															


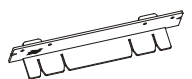

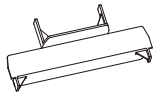

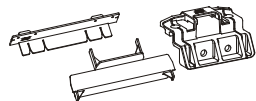
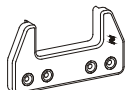
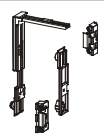
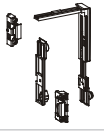





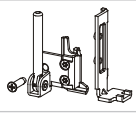
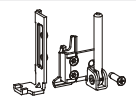


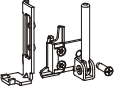
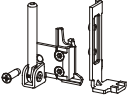
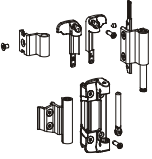





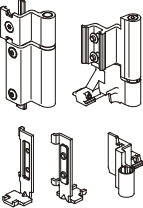

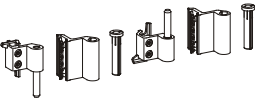
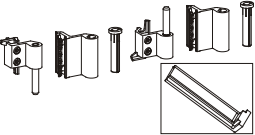

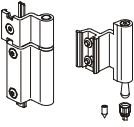








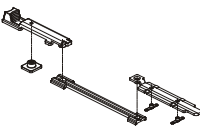

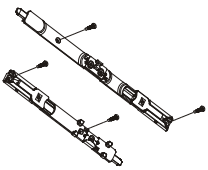

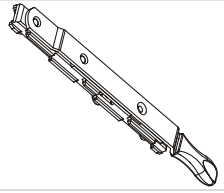
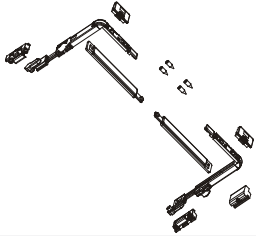


	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.	
	<b>3200.L RIBANTA 5</b> (patented) Left vertical fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5	
	<b>3200.R RIBANTA 5</b> Like 3200.L but right hand.		5	
	<b>3200.20L RIBANTA 5</b> (patented) Left vertical fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20	
	<b>3200.20R RIBANTA 5</b> Like 3200.20L but right hand.		20	
	<b>3200.5L RIBANTA 5</b> (patented) Left vertical fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).		5	
	<b>3200.5R RIBANTA 5</b> Like 3200.5L but RH version.		5	
	<b>3200.7L RIBANTA 5</b> (patented) Left vertical fulcrum Kit, turn-first function, without support and hinge pivot, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (to combine with art. 3200.859).		5	
	<b>3200.7R RIBANTA 5</b> Like 3200.7L but RH version.		5	
	<b>3200.2L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5	
	<b>3200.2R RIBANTA 5</b> Like 3200.2L but right hand.		5	
	<b>3200.22L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20	
	<b>3200.22R RIBANTA 5</b> Like 3200.22L but right hand.		20	
	<b>3200.6L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).		5	
	<b>3200.6R RIBANTA 5</b> Like 3200.6L but RH version.		5	
	<b>3200.3L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, fixed height of handle to 300 mm, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5	
	<b>3200.3R RIBANTA 5</b> Like 3200.3L but RH version.		5	
	<b>3200.750L RIBANTA 5</b> (patented) Left short arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.		5	
	<b>3200.750R RIBANTA 5</b> Like 3200.750L but right hand.		5	
		<b>3200.770L RIBANTA 5</b> (patented) Left short arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.		20
		<b>3200.770R RIBANTA 5</b> Like 3200.770L but right hand.		20
		<b>3200.751L RIBANTA 5</b> (patented) Left standard arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.		5
		<b>3200.751R RIBANTA 5</b> Like 3200.751L but right hand.		5
				



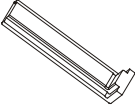
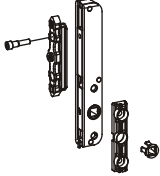




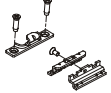
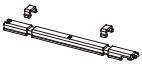




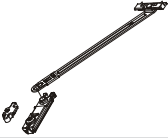


	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3200.771L RIBANTA 5</b> (patented) Left standard arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.		20
	<b>3200.771R RIBANTA 5</b> Like 3200.771L but right hand.		20
	<b>3200.752L RIBANTA 5</b> (patented) Left long arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.		5
	<b>3200.752R RIBANTA 5</b> Like 3200.752L but right hand.		5
	<b>3200.772L RIBANTA 5</b> (patented) Left long arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod telescopic pinion in white galvanized zamak.		20
	<b>3200.772R RIBANTA 5</b> Like 3200.772L but right hand.		20
	<b>3200.800L RIBANTA 5</b> (patented) Left additional arm, turn-first function, in stainless steel 304, white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		5
	<b>3200.800R RIBANTA 5</b> Like 3200.800L but right hand.		5
	<b>3200.709 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.729 RIBANTA 5</b> Like 3200.709 but 20 pcs. pack.	1013, 1015, 7016, 8017, 9005, 9010, 9016, B.SA, C, HL, SILV	20
	<b>3200.708L RIBANTA 5</b> (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R RIBANTA 5</b> Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R</b> Like 3200.710L but right hand.		5
	<b>3200.730L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>3200.730R</b> Like 3200.730L but right hand.		20

	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3200.701</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming counter-sunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.721</b> RIBANTA 5 Like 3200.701 but 20 pcs. pack.	1013, 9005, 9010, 9016, C, SILV	20
	<b>3200.700L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R</b> Like 3200.700L but RH version.		5
	<b>3200.720L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		20
	<b>3200.720R</b> Like 3200.720L but RH version.		20
	<b>3200.740</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.742</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3205/25</b> (patented) 250 mm transmission rod in silver pre-oxidized extruded aluminum.		100
	<b>3205/40</b> Like 3205/25 but of 400 mm.		100
	<b>3205/60</b> Like 3205/25 but of 600 mm.		100
	<b>3205/80</b> Like 3205/25 but of 800 mm.		100
	<b>3205/100</b> Like 3205/25 but of 1000 mm.		100
	<b>3205/120</b> Like 3205/25 but of 1200 mm.		100
	<b>3205/140</b> Like 3205/25 but of 1400 mm.		100
	<b>3205/160</b> Like 3205/25 but of 1600 mm.		50
	<b>3205/180</b> Like 3205/25 but of 1800 mm.		50
	<b>3205/200</b> Like 3205/25 but of 2000 mm.		50
	<b>3205/220</b> Like 3205/25 but of 2200 mm.		50
	<b>3205/300</b> Like 3205/25 but of 3000 mm.		50
	<b>3205.910</b> (patented) Kit of 5 transmission rods length 1200 mm, in silver anodized extruded aluminum.		1
	<b>3205.911</b> (patented) Transmission rod kit in silver anodized extruded aluminum consisting of: 5 250 mm rods, 5 1000 mm rods and 5 1200 mm rods.		1

	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3205.912</b> (patented) Kit of 5 transmission rods length 1800 mm in silver anodized extruded aluminum.		1
	<b>3200.950</b> Accessories positioning jig in yellow nylon, for 110/140 Kg hinges.		5
	<b>3200.951</b> Accessories positioning jig in red nylon, for 170 Kg hinges.		5
	<b>3200.952</b> Accessories positioning jig in black nylon, for frame elements.		5
	<b>3200.953</b> Keeper positioning jig in black nylon, for supplementary closing points.		5
	<b>3200.954</b> kit of jigs art. 3200.950 + 3200.952 + 3200.953.		1
	<b>3200.955</b> Hinge drilling jig in nylon with pre-printed bushings.		1
	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3200.820L</b> (patented) Left kit for 6 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.820R</b> Like 3200.820L but RH version.		5
	<b>3200.825L</b> (patented) Left Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.825R</b> Like 3200.825L but RH version.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.709</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.729</b> RIBANTA 5 Like 3200.709 but 20 pcs. pack.	1013, 1015, 7016, 8017, 9005, 9010, 9016, B.SA, C, HL, SILV	20
	<b>3200.708L</b> RIBANTA 5 (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R</b> RIBANTA 5 Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R</b> Like 3200.710L but right hand.		5

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.730R</b> Right lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>3200.730L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>3200.701</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming countersunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.721</b> RIBANTA 5 Like 3200.701 but 20 pcs. pack.	1013, 9005, 9010, 9016, C, SILV	20
	<b>3200.700L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R</b> Like 3200.700L but RH version.		5
	<b>3200.720L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		20
	<b>3200.720R</b> Like 3200.720L but RH version.		20
	<b>3200.740</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.742</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.809</b> Hinge kit in aluminium for second leaf, pre-assembled pins and counterplates in stainless steel 430, black nylon bushings, 4 socket head cap screws M5x16 and 2 special countersunk oval socket flat head screws M5x10 in stainless steel 430, pre-assembled. Weight capacity 80 Kg.	1013, 1015, 1247, 6005, 7016, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.829</b> Like 3200.809 but 20 pcs. pack.	1013, 9005, 9010, C	20
	<b>3200.831</b> RIBANTA 5 Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.842</b> Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.747L</b> LH hinge pivot in zamak for internally flush profiles with height rebate of 10 mm.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.747R</b> Like 3200.747L but right hand.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.840L</b> (patented) Left upper adjustable support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.		5
	<b>3200.840R</b> Like 3200.840L but right hand.		5
	<b>3200.860L</b> (patented) Left upper support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.		20
	<b>3200.860R</b> Like 3200.840R but 20 pcs. pack.		20
	<b>3200.850</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.		20
	<b>3200.851</b> Like 3200.850 but for groove 14x19.5 mm.		20
	<b>3200.852</b> Like 3200.850 but for groove 13,5x16,5 mm.		20
	<b>3200.853</b> Like 3200.850 but for groove 14x18 mm.		20
	<b>3200.854</b> Like 3200.850 but for groove 15x20 mm.		20
	<b>3200.896</b> Like 3200.850 but for groove 13,2x16,7 mm.		20
	<b>1551.6 REVERTO</b> (patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.		20
	<b>3200.859</b> Monolithic bolt kit for secondary leaf alongside tilt and turn RIBANTA 5 with vertical fulcrum (art. 3200.7R/L), in white galvanized zamak, 4 self-drilling countersunk head screws 3,9x22 in white galvanized steel.		10
	<b>3200.808</b> Nylon spacer for art. 3200.859.		40
	<b>1538</b> Bi-directional bolt in stainless steel, white galvanized zamak and nylon, 2 preassembled grub screws M5x10 in stainless steel.		20
	<b>3200.845</b> Corner device kit in white galvanized zamak and nylon, pre-assembled screws in stainless steel, 4 special grub screws M5x15 in stainless steel.		5
	<b>1414W</b> Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1414.1W</b> Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).		200

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>1416.5W</b> Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832W</b> Additional closure hinge side in white galvanized zamak, 3 pre-mounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.		40
	<b>3200.957</b> Black nylon positioning jig for hinges art. 3200.809/.829.		5
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1210/7 MONO</b> Mono directional movement mechanism for RIBANTA 5 with 14,5 mm backset, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1243.721W</b> Adjustable keeper in white galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3200.805L</b> (patented) Left locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.		40
	<b>3200.805R</b> Like 3200.805L but right hand.		40
	<b>3200.810</b> (patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.		40
	<b>3200.835</b> Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>3200.801</b> Anti-slam device (right + left) in red nylon for standard and long arm.		40
	<b>3200.802</b> Anti-slam device (right + left) in red nylon for supplementary arm.		40
	<b>1343.8L/20</b> LH frictioning opening limiter arm stay, 20 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/20</b> Like 1343.8L/20 but right hand.		20
	<b>1343.8L/60</b> LH opening limiter arm stay, 60 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/60</b> Like 1343.8L/60 but right hand.		20

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1343.801</b> Partial frictioning kit for art. 1343.8R/60 - 1343.8L/60, in nylon, 1 screw M5x9 in stainless steel 304.		40







Pieces needed for realizing a window/door, following L and H dimensions

POS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	700	1401	700	1401	Secondary casement
			L	1400	2700	1400	2700	1400	2700	1400	2700	1400	2700	
				360		510		795		1201		1401		
				509		794		1200		1400		1700		
5	(pat.) Basic kit with left vertical lateral fulcrum for tilt-first function	3201.L												
5	(pat.) Basic kit with right vertical lateral fulcrum for tilt-first function	3201.R												
20	(pat.) Basic kit with left vertical lateral fulcrum for tilt-first function	3201.20L												
20	(pat.) Basic kit with right vertical lateral fulcrum for tilt-first function	3201.20R												
5	(pat.) Right horizontal fulcrum Kit, tilt-first function	3201.2L				1								
5	(pat.) Left vertical fulcrum Kit, tilt-first function	3201.2R										1		
20	(pat.) Left horizontal fulcrum Kit, tilt-first function	3201.22L												
20	(pat.) Right vertical fulcrum Kit, tilt-first function	3201.22R												
5	(pat.) Left short arm, tilt-first function	3201.750L												
5	(pat.) Right short arm, tilt-first function	3201.750R												
20	(pat.) Left short arm, tilt-first function	3201.770L	1											
20	(pat.) Right short arm, tilt-first function	3201.770R												
5	(pat.) Left standard arm, tilt-first function	3201.751L												
5	(pat.) Right standard arm, tilt-first function	3201.751R												
20	(pat.) Left standard arm, tilt-first function	3201.771L				1								
20	(pat.) Right standard arm, tilt-first function	3201.771R												
5	(pat.) Left long arm, tilt-first function	3201.752L												
5	(pat.) Right long arm, tilt-first function	3201.752R												
20	(pat.) Left long arm, tilt-first function	3201.772L										1		
20	(pat.) Right long arm, tilt-first function	3201.772R												
5	(pat.) Left supplementary arm, tilt-first function	3201.800L												
5	(pat.) Right supplementary arm, tilt-first function	3201.800R											1	
5	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 110 Kg)	3200.709								1				1
20	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 110 Kg)	3200.729												
5	(pat.) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg	3200.708L								1				1
5	Like 3200.708L but RH	3200.708R												
5	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 170 Kg)	3200.701												1
20	(pat.) Non-handed hinge kit for RIBANTA 5 (weight capacity 170 Kg)	3200.721								1				
5	Left bottom hinge support (weight capacity 170 Kg)	3200.700L												
5	Like 3200.700L but RH	3200.700R												
20	Left bottom hinge support (weight capacity 170 Kg)	3200.720L												1
20	Like 3200.720L but RH	3200.720R								1				
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles	3200.740												
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.)for internally flush profiles with height rebate of 10 mm	3200.742												1
5	Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth	3200.745												
5	(pat.) Left kit for 6 closing points	3200.820L			1									
5	(pat.) Right kit for 6 closing points	3200.820R				1								
5	(pat.) Left Kit for 8 closing points	3200.825L												
5	(pat.) Right Kit for 8 closing points	3200.825R												1
5	Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg)	3200.710L												
5	Like 3200.710L but RH	3200.710R												
20	Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg)	3200.730L												1
20	Like 3200.730L but RH	3200.730R												
5	Hinge Kit for secondary leaf (weight capacity 80 Kg)	3200.809												
20	Hinge Kit for secondary leaf (weight capacity 80 Kg)	3200.829												
5	Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles	3200.831												1
5	Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles with height rebate of 10 mm	3200.842												
5	(pat.) Left upper support for secondary leaf hinge	3200.840L												
5	(pat.) Right upper support for secondary leaf hinge	3200.840R												
20	(pat.) Left upper support for secondary leaf hinge	3200.860L												1
20	(pat.) Right upper support for secondary leaf hinge	3200.860R												
20	Vertical clamp bolt	3200.850÷.854												
20	Vertical clamp bolt	3200.896												2
20	(pat.) Lever bolt	1551.6												
10	Monolithic bolt kit for secondary leaf alongside tilt and turn with vertical fulcrum (art. 3200.7L/R)	3200.859												1
20	Bi-directional bolt	1538												
5	Corner device kit	3200.845												1
200	Adjustable Keeper	1414W												
200	Adjustable Keeper	1414.1W												2
100	Double keeper	1416.5W												
40	Hinge-side supplementary closing point	1246.832W												1

# APPLICATION FIELD

Casement max. weight 110 Kg.

2700	•	42	37	37	29	25	22	21	19	16	15	13	12	11	10	10	9	
2600	•	44	39	38	31	26	22	22	19	17	15	14	13	12	11	10	9	
2500	•	46	40	40	32	27	23	23	20	18	16	15	13	12	11	11	10	
2400	•	48	42	42	34	28	25	25	21	19	17	15	14	13	12	11	10	
2300	•	•	44	44	35	29	26	26	22	20	18	16	15	13	12	12	11	
2200	•	•	47	46	37	31	27	27	23	21	19	17	15	14	13	12	11	
2100	•	•	49	49	39	33	29	29	25	22	20	18	16	15	14	12	11	
2000	•	•	•	•	41	35	30	30	26	23	21	19	17	16	14	12	11	
1900	•	•	•	•	44	37	32	32	28	25	22	20	18	16	14	12	11	
1800	•	•	•	•	47	39	34	34	29	26	23	21	19	16	14	12	11	
1700	•	•	•	•	50	41	36	36	31	28	25	23	19	16	14	12	11	
1600	•	•	•	•	•	44	39	39	34	30	27	23	19	16	14	12	11	
1500	•	•	•	•	•	48	42	42	36	32	28	23	20	16	14	12	10	
1400	•	•	•	•	•	•	45	45	39	35	28	23	20	16	14	12	10	
1300	•	•	•	•	•	•	49	49	42	35	29	23	20	16	14	12	9	
1200	•	•	•	•	•	•	•	45	35	29	24	20	16	13	10	7		
1100	•	•	•	•	•	•	•	45	36	29	24	20	15	11	7	5		
1000	•	•	•	•	•	•	•	45	36	29	24	17	12	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		
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

L

Casement max. weight 140 Kg.

2700	•	•	48	48	39	32	28	28	24	22	19	18	16	15	14	13	12	
2600	•	•	•	•	40	34	29	29	25	23	20	18	17	15	14	13	12	
2500	•	•	•	•	42	35	31	31	27	24	21	19	17	16	15	14	13	
2400	•	•	•	•	44	37	32	32	28	25	22	20	18	17	16	15	14	
2300	•	•	•	•	46	38	34	34	29	26	23	21	19	18	16	15	14	
2200	•	•	•	•	48	40	35	35	31	27	24	22	20	19	17	16	15	
2100	•	•	•	•	•	42	37	37	32	29	26	23	21	20	18	17	16	
2000	•	•	•	•	•	45	39	39	34	30	27	25	22	21	19	18	17	
1900	•	•	•	•	•	47	42	42	36	32	29	26	24	22	20	19	17	
1800	•	•	•	•	•	•	44	44	38	34	30	28	25	23	21	19	17	
1700	•	•	•	•	•	•	47	47	41	36	32	29	27	25	22	19	17	
1600	•	•	•	•	•	•	•	44	39	35	31	29	26	22	19	17		
1500	•	•	•	•	•	•	•	47	42	37	34	31	26	22	19	17		
1400	•	•	•	•	•	•	•	45	40	36	31	26	22	19	17			
1300	•	•	•	•	•	•	•	49	44	37	31	26	22	19	17			
1200	•	•	•	•	•	•	•	•	45	37	31	26	22	19	17			
1100	•	•	•	•	•	•	•	•	45	37	31	26	22	18	14			
1000	•	•	•	•	•	•	•	•	45	37	31	26	20	16	12			
900	•	•	•	•	•	•	•	•	45	37	30	23	17	12	9			
800	•	•	•	•	•	•	•	•	46	34	25	18	12	8	5			
700	•	•	•	•	•	•	•	•	41	25	14	6	X	X	X			
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

L

Casement max. weight 170 Kg.

2700	•	•	•	•	48	40	35	35	30	27	24	22	20	18	17	16	15	
2600	•	•	•	•	50	41	36	36	31	28	25	23	21	19	18	16	15	
2500	•	•	•	•	•	43	38	38	33	29	26	24	22	20	18	17	16	
2400	•	•	•	•	•	45	40	40	34	30	27	25	23	21	19	18	17	
2300	•	•	•	•	•	47	42	41	36	32	29	26	24	22	20	19	17	
2200	•	•	•	•	•	50	44	44	38	33	30	27	25	23	21	19	17	
2100	•	•	•	•	•	•	46	46	40	35	32	29	26	24	22	19	17	
2000	•	•	•	•	•	•	48	48	42	37	33	30	28	25	22	19	17	
1900	•	•	•	•	•	•	•	44	39	35	32	29	26	22	19	17		
1800	•	•	•	•	•	•	•	47	42	37	34	30	26	22	19	17		
1700	•	•	•	•	•	•	•	•	44	40	36	30	26	22	19	17		
1600	•	•	•	•	•	•	•	•	48	43	36	30	26	22	19	17		
1500	•	•	•	•	•	•	•	•	44	36	31	26	22	19	17			
1400	•	•	•	•	•	•	•	•	44	36	31	26	22	19	17			
1300	•	•	•	•	•	•	•	•	•	44	37	31	26	22	19	17		
1200	•	•	•	•	•	•	•	•	•	45	37	31	26	22	19	17		
1100	•	•	•	•	•	•	•	•	•	45	37	31	26	22	18	14		
1000	•	•	•	•	•	•	•	•	•	45	37	31	26	20	16	12		
900	•	•	•	•	•	•	•	•	•	45	37	30	23	17	12	9		
800	•	•	•	•	•	•	•	•	•	46	34	25	18	12	8	5		
700	•	•	•	•	•	•	•	•	•	39	27	18	11	6	X	X		
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

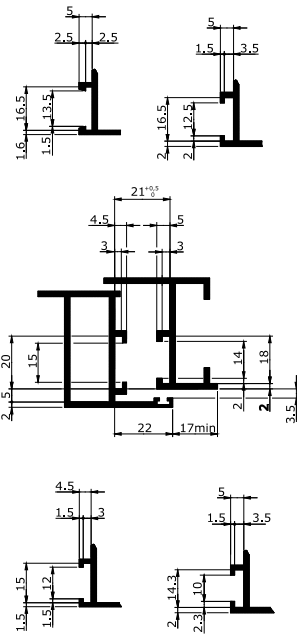
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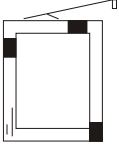
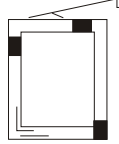






Casement max. weight 70 Kg.

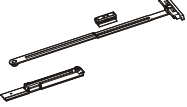




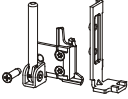
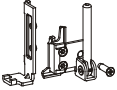
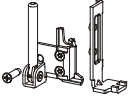






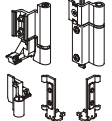
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2600	39	32	24	19	16	13	11	10	9	8	7	7	6	
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2400	42	35	26	21	17	15	13	11	10	9	8	7	7	
2300	45	37	29	22	18	15	13	12	10	9	8	8	7	
2200	47	39	29	23	19	16	14	12	11	10	9	8	8	
2100	•	41	31	24	20	17	15	13	12	10	9	9	8	
2000	•	44	32	26	21	18	16	14	12	11	10	9	8	
1900	•	46	34	27	23	19	17	15	13	12	11	10	9	
1800	•	49	37	29	24	20	18	16	14	13	11	10	10	
1700	•	•	39	31	26	22	19	17	15	13	12	11	10	
1600	•	•	42	33	28	23	20	18	16	14	13	12	11	
1500	•	•	45	36	30	25	22	19	17	16	14	13	12	
1400	•	•	45	36	30	25	22	19	17	16	14	13	12	
1300	•	•	•	42	35	30	26	23	20	18	17	15	14	
1200	•	•	•	47	38	33	28	25	22	20	18	17	13	
1100	•	•	•	•	43	36	32	28	25	22	20	15	11	
1000	•	•	•	•	48	41	35	31	28	24	17	12	8	
900	•	•	•	•	•	46	40	35	28	19	13	8	4	
800	•	•	•	•	•	46	34	22	14	8	3	X	X	
700	•	•	•	•	•	•	41	25	14	6	X	X	X	
		360	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500

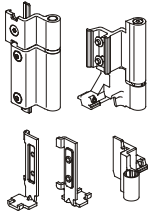
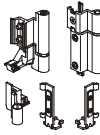



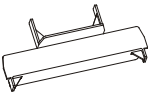

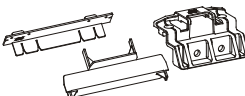
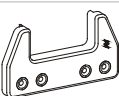
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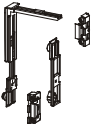

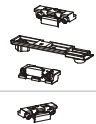

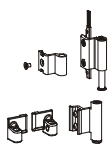


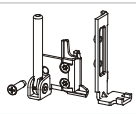
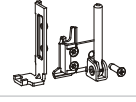
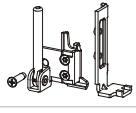
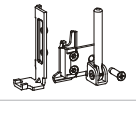
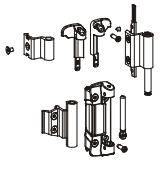


• Feasible with max. glass thickness of mm. 50  
 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space





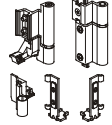
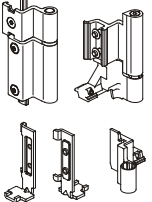

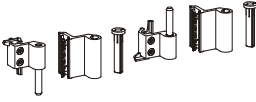
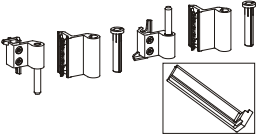

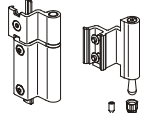






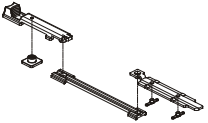
	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3201.L RIBANTA 5</b> (patented) Left vertical lateral fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3201.R RIBANTA 5</b> Like 3201.L but right hand.		5
	<b>3201.20L RIBANTA 5</b> (patented) Left vertical lateral fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3201.20R RIBANTA 5</b> Like 3201.20L but right hand.		20
	<b>3201.2L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3201.2R RIBANTA 5</b> Like 3201.2L but right hand.		5
	<b>3201.22L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3201.22R RIBANTA 5</b> Like 3201.22L but right hand.		20
	<b>3201.750L RIBANTA 5</b> (patented) Right short arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.		5
	<b>3201.750R RIBANTA 5</b> Like 3201.750L but right hand.		5
	<b>3201.770L RIBANTA 5</b> (patented) Right short arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.		20
	<b>3201.770R RIBANTA 5</b> Like 3201.770L but right hand.		20
	<b>3201.751L RIBANTA 5</b> (patented) Left standard arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.		5
	<b>3201.751R RIBANTA 5</b> Like 3201.751L but right hand.		5
	<b>3201.771L RIBANTA 5</b> (patented) Left standard arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.		20
	<b>3201.771R RIBANTA 5</b> Like 3201.771L but right hand.		20
	<b>3201.752L RIBANTA 5</b> (patented) Left long arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.		5
	<b>3201.752R RIBANTA 5</b> Like 3201.752L but right hand.		5
	<b>3201.772L RIBANTA 5</b> (patented) Left long arm, tilt-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.		20
	<b>3201.772R RIBANTA 5</b> Like 3201.772L but right hand.		20

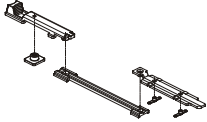

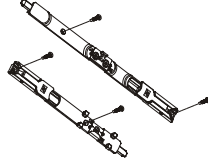

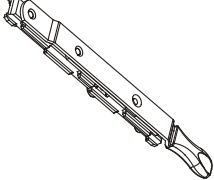
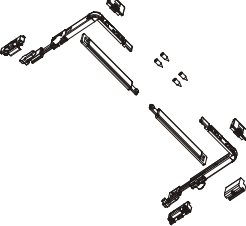




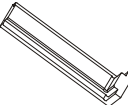
	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3201.800L RIBANTA 5</b> (patented) Left supplementary arm, tilt-first function, in stainless steel 304, white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		5
	<b>3201.800R RIBANTA 5</b> Like 3201.800L but right hand.		5
	<b>3200.709 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.729 RIBANTA 5</b> Like 3200.709 but 20 pcs. pack.	1013, 1015, 7016, 8017, 9005, 9010, 9016, B.SA, C, HL, SILV	20
	<b>3200.708L RIBANTA 5</b> (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R RIBANTA 5</b> Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L RIBANTA 5</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R RIBANTA 5</b> Like 3200.710L but right hand.		5
	<b>3200.730L RIBANTA 5</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>3200.730R RIBANTA 5</b> Like 3200.730L but right hand.		20
	<b>3200.701 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming countersunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.721 RIBANTA 5</b> Like 3200.701 but 20 pcs. pack.	1013, 9005, 9010, 9016, C, SILV	20
	<b>3200.700L RIBANTA 5</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R RIBANTA 5</b> Like 3200.700L but RH version.		5
	<b>3200.720L RIBANTA 5</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		20
	<b>3200.720R RIBANTA 5</b> Like 3200.720L but RH version.		20
	<b>3200.740 RIBANTA 5</b> Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5

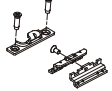



	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3200.742</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3205/25</b> (patented) 250 mm transmission rod in silver pre-oxidized extruded aluminum.		100
	<b>3205/40</b> Like 3205/25 but of 400 mm.		100
	<b>3205/60</b> Like 3205/25 but of 600 mm.		100
	<b>3205/80</b> Like 3205/25 but of 800 mm.		100
	<b>3205/100</b> Like 3205/25 but of 1000 mm.		100
	<b>3205/120</b> Like 3205/25 but of 1200 mm.		100
	<b>3205/140</b> Like 3205/25 but of 1400 mm.		100
	<b>3205/160</b> Like 3205/25 but of 1600 mm.		50
	<b>3205/180</b> Like 3205/25 but of 1800 mm.		50
	<b>3205/200</b> Like 3205/25 but of 2000 mm.		50
	<b>3205/220</b> Like 3205/25 but of 2200 mm.		50
	<b>3205/300</b> Like 3205/25 but of 3000 mm.		50
	<b>3205.910</b> (patented) Kit of 5 transmission rods lenght 1200 mm, in silver anodized extruded aluminum.		1
	<b>3205.911</b> (patented) Transmission rod kit in silver anodized extruded aluminum consisting of: 5 250 mm rods, 5 1000 mm rods and 5 1200 mm rods.		1
<b>3205.912</b> (patented) Kit of 5 transmission rods lenght 1800 mm in silver anodized extruded aluminum.		1	
	<b>3200.950</b> Accessories positioning jig in yellow nylon, for 110/140 Kg hinges.		5
	<b>3200.951</b> Accessories positioning jig in red nylon, for 170 Kg hinges.		5
	<b>3200.952</b> Accessories positioning jig in black nylon, for frame elements.		5
	<b>3200.953</b> Keeper positioning jig in black nylon, for supplementary closing points.		5
	<b>3200.954</b> kit of jigs art. 3200.950 + 3200.952 + 3200.953.		1
	<b>3200.955</b> Hinge drilling jig in nylon with pre-printed bushings.		1

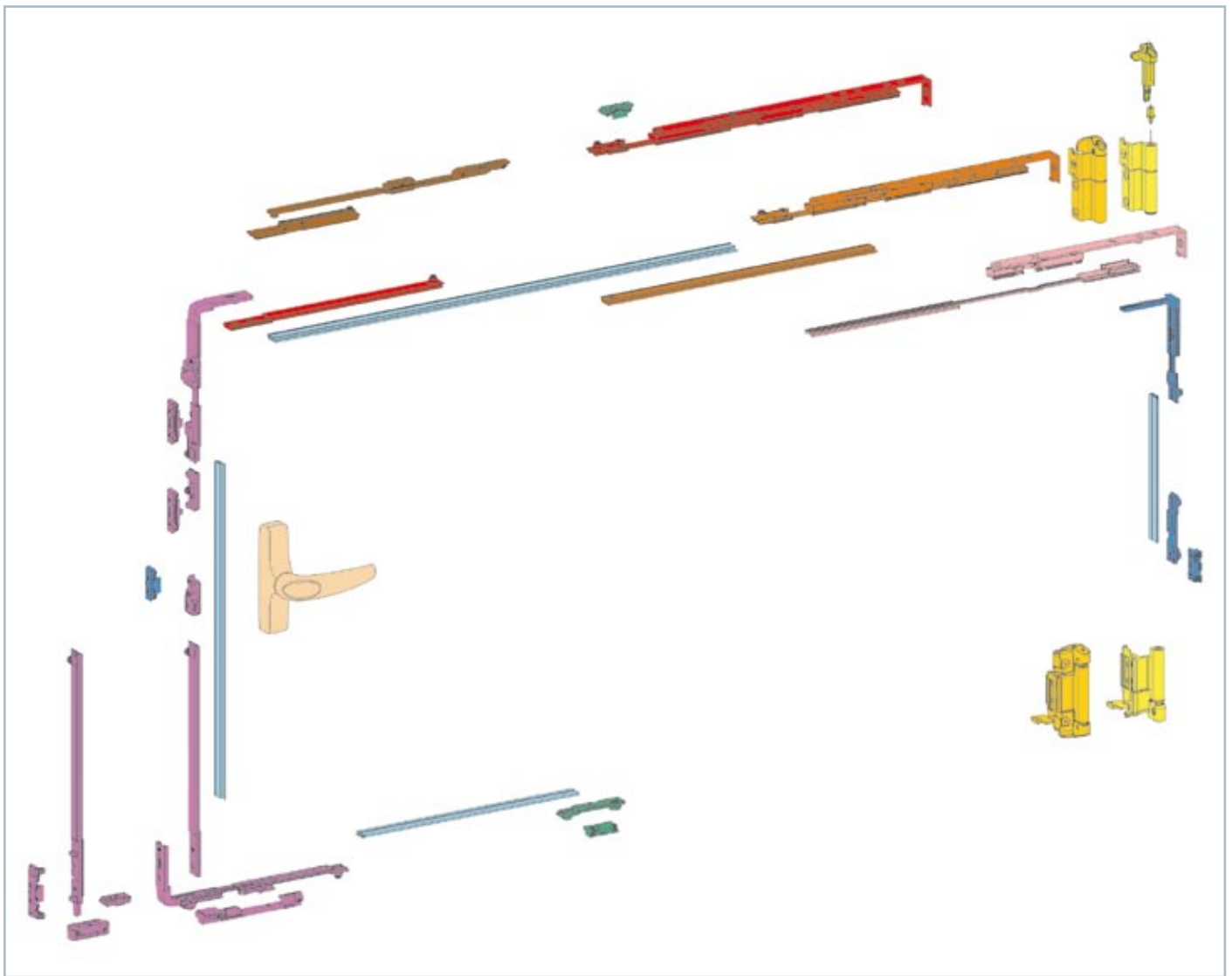
	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3200.820L</b> (patented) Left kit for 6 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.820R</b> Like 3200.820L but RH version.		5
	<b>3200.825L</b> (patented) Left Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.825R</b> Like 3200.825L but RH version.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.709 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.729 RIBANTA 5</b> Like 3200.709 but 20 pcs. pack.	1013, 1015, 7016, 8017, 9005, 9010, 9016, B.SA, C, HL, SILV	20
	<b>3200.708L RIBANTA 5</b> (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R RIBANTA 5</b> Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R</b> Like 3200.710L but right hand.		5
	<b>3200.730L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>3200.730R</b> Like 3200.730L but right hand.		20
	<b>3200.701 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming countersunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.721 RIBANTA 5</b> Like 3200.701 but 20 pcs. pack.	1013, 9005, 9010, 9016, C, SILV	20
	<b>3200.700L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R</b> Like 3200.700L but RH version.		5



	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.720L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		20
	<b>3200.720R</b> Like 3200.720L but RH version.		20
	<b>3200.740</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.742</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.809</b> Hinge kit in aluminium for second leaf, pre-assembled pins and counterplates in stainless steel 430, black nylon bushings, 4 socket head cap screws M5x16 and 2 special countersunk oval socket flat head screws M5x10 in stainless steel 430, pre-assembled. Weight capacity 80 Kg.	1013, 1015, 1247, 6005, 7016, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.829</b> Like 3200.809 but 20 pcs. pack.	1013, 9005, 9010, C	20
	<b>3200.831</b> RIBANTA 5 Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.842</b> Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.747L</b> LH hinge pivot in zamak for internally flush profiles with height rebate of 10 mm.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.747R</b> RH hinge pivot in zamak for internally flush profiles with height rebate of 10 mm.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3200.840L</b> (patented) Left upper adjustable support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.		5
	<b>3200.840R</b> Like 3200.840L but right hand.		5
	<b>3200.860L</b> (patented) Left upper support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.		20
	<b>3200.860R</b> Like 3200.840R but 20 pcs. pack.		20
	<b>3200.850</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.851</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 14X19,5 mm.		20
	<b>3200.852</b> Like 3200.850 but for groove 13,5X16,5 mm.		20
	<b>3200.853</b> Like 3200.850 but for groove 14x18 mm.		20
	<b>3200.854</b> Like 3200.850 but for groove 15x20 mm.		20
	<b>3200.896</b> Like 3200.850 but for groove 13,2x16,7 mm.		20
	<b>1551.6 REVERTO</b> (patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.		20
	<b>3200.859</b> Monolithic bolt kit for secondary leaf alongside tilt and turn RIBANTA 5 with vertical fulcrum (art. 3200.7R/L), in white galvanized zamak, 4 self-drilling countersunk head screws 3,9x22 in white galvanized steel.		10
	<b>3200.808</b> Nylon spacer for art. 3200.859.		40
	<b>1538</b> Bi-directional bolt in stainless steel, white galvanized zamak and nylon, 2 preassembled grub screws M5x10 in stainless steel.		20
	<b>3200.845</b> Corner device kit in white galvanized zamak and nylon, preassembled screws in stainless steel, 4 special grub screws M5x15 in stainless steel.		5
	<b>1414W</b> Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1414.1W</b> Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).		200
	<b>1416.5W</b> Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832W</b> Additional closure hinge side in white galvanized zamak, 3 pre-mounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.		40
	<b>3200.957</b> Black nylon positioning jig for hinges art. 3200.809/.829.		5

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1210/7 MONO</b> Mono directional movement mechanism for RIBANTA 5 with 14,5 mm backset, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1243.721W</b> Adjustable keeper in white galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3200.805L</b> (patented) Left locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.		40
	<b>3200.805R</b> Like 3200.805L but right hand.		40
	<b>3200.810</b> (patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.		40
	<b>3200.835</b> Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>3200.801</b> Anti-slam device (right + left) in red nylon for standard and long arm.		40
	<b>3200.802</b> Anti-slam device (right + left) in red nylon for supplementary arm.		40
	<b>1343.8L/20</b> LH frictioning opening limiter arm stay, 20 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/20</b> Like 1343.8L/20 but right hand.		20
	<b>1343.8L/60</b> LH opening limiter arm stay, 60 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/60</b> Like 1343.8L/60 but right hand.		20
	<b>1343.801</b> Partial frictioning kit for art. 1343.8R/60 - 1343.8L/60, in nylon, 1 screw M5x9 in stainless steel 304.		40



178 **RIBANTA 5**

for Euro groove and NC International profiles

**TILT AND TURN GEARING WITH ADJUSTABLE NIGHT VENTILATION**



# APPLICATION FIELD

Casement max. weight 110 Kg.

2700	*	42	37	37	29	25	22	21	19	16	15	13	12	11	10	10	9
2600	*	44	39	38	31	26	22	22	19	17	15	14	13	12	11	10	9
2500	*	46	40	40	32	27	23	23	20	18	16	15	13	12	11	11	10
2400	*	48	42	42	34	28	25	25	21	19	17	15	14	13	12	11	10
2300	*	44	44	35	29	26	26	22	20	18	16	15	13	12	12	11	
2200	*	47	46	37	31	27	27	23	21	19	17	15	14	13	12	11	
2100	*	49	49	39	33	29	29	25	22	20	18	16	15	14	12	11	
2000	*	41	35	30	30	26	23	21	19	17	16	14	12	11			
1900	*	44	37	32	32	28	25	22	20	18	16	14	12	11			
1800	*	47	39	34	34	29	26	23	21	19	16	14	12	11			
1700	*	50	41	36	36	31	28	25	23	19	16	14	12	11			
1600	*	44	39	39	34	30	27	23	19	16	14	12	11				
1500	*	48	42	42	36	32	28	23	20	16	14	12	10				
1400	*	45	45	39	35	28	23	20	16	14	12	10					
1300	*	49	49	42	35	29	23	20	16	14	12	9					
1200	*	45	35	29	24	20	16	13	10	7							
1100	*	45	36	29	24	20	15	11	7	5							
1000	*	45	36	29	24	17	12	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							
360		460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

Casement max. weight 140 Kg.

2700	*	*	48	48	39	32	28	28	24	22	19	18	16	15	14	13	12
2600	*	*	40	34	29	29	25	23	20	18	17	15	14	13	12		
2500	*	*	42	35	31	31	27	24	21	19	17	16	15	14	13		
2400	*	*	44	37	32	32	28	25	22	20	18	17	16	15	14		
2300	*	*	46	38	34	34	29	26	23	21	19	18	16	15	14		
2200	*	*	48	40	35	35	31	27	24	22	20	19	17	16	15		
2100	*	*	42	37	37	32	29	26	23	21	20	18	17	16			
2000	*	*	45	39	39	34	30	27	25	22	21	19	18	17			
1900	*	*	47	42	42	36	32	29	26	24	22	20	19	17			
1800	*	*	44	44	38	34	30	28	25	23	21	19	17				
1700	*	*	47	47	41	36	32	29	27	25	22	19	17				
1600	*	*	44	39	35	31	29	26	22	19	17						
1500	*	*	47	42	37	34	31	26	22	19	17						
1400	*	*	45	40	36	31	26	22	19	17							
1300	*	*	49	44	37	31	26	22	19	17							
1200	*	*	45	37	31	26	22	19	17								
1100	*	*	45	37	31	26	22	18	14								
1000	*	*	45	37	31	26	20	16	12								
900	*	*	45	37	31	23	17	12	9								
800	*	*	46	34	25	18	12	8	5								
700	*	*	41	25	14	6	X	X	X								
360		460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

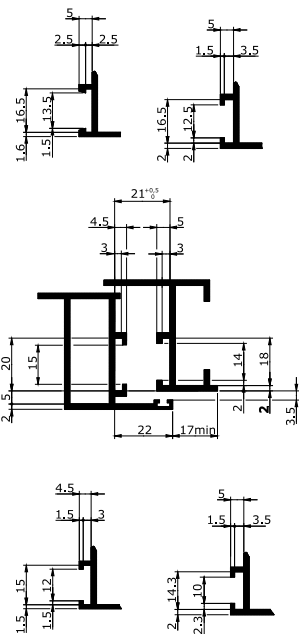
Casement max. weight 170 Kg.

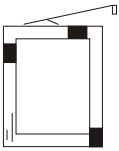
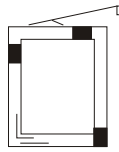






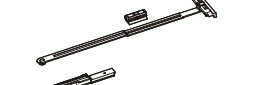

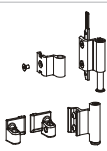


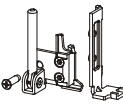
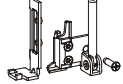
2700	*	*	48	40	35	35	30	27	24	22	20	18	17	16	15		
2600	*	*	50	41	36	36	31	28	25	23	21	19	18	16	15		
2500	*	*	43	38	38	33	29	26	24	22	20	18	17	16			
2400	*	*	45	40	40	34	30	27	25	23	21	19	18	17			
2300	*	*	47	42	41	36	32	29	26	24	22	20	19	17			
2200	*	*	50	44	44	38	33	30	27	25	23	21	19	17			
2100	*	*	46	46	40	35	32	29	26	24	22	19	17				
2000	*	*	48	48	42	37	33	30	28	25	22	19	17				
1900	*	*	44	39	35	32	29	26	22	19	17						
1800	*	*	47	42	37	34	30	26	22	19	17						
1700	*	*	44	40	36	30	26	22	19	17							
1600	*	*	48	43	36	30	26	22	19	17							
1500	*	*	44	36	31	26	22	19	17								
1400	*	*	44	36	31	26	22	19	17								
1300	*	*	44	37	31	26	22	19	17								
1200	*	*	45	37	31	26	22	19	17								
1100	*	*	45	37	31	26	22	18	14								
1000	*	*	45	37	31	26	20	16	12								
900	*	*	45	37	30	23	17	12	9								
800	*	*	46	34	25	18	12	8	5								
700	*	*	39	27	18	11	6	X	X								
360		480	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

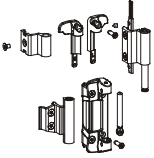


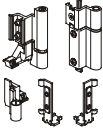

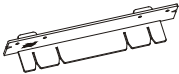

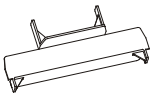

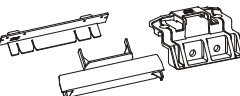
Casement max. weight 70 Kg.

2700	37	31	23	18	15	13	11	10	9	8	7	6	6
2600	39	32	24	19	16	13	11	10	9	8	7	6	
2500	40	34	25	20	16	14	12	11	9	8	7	6	
2400	42	35	26	21	17	15	13	11	10	9	8	7	
2300	45	37	29	22	18	15	13	12	10	9	8	7	
2200	47	39	29	23	19	16	14	12	11	10	9	8	
2100	41	31	24	20	17	15	13	12	10	9	9	8	
2000	44	32	26	21	18	16	14	12	11	10	9	8	
1900	46	34	27	23	19	17	15	13	12	11	10	9	
1800	49	37	29	24	20	18	16	14	13	11	10	10	
1700	39	31	26	22	19	17	15	13	12	11	10		
1600	42	33	28	23	20	18	16	14	13	12	11		
1500	45	36	30	25	22	19	17	16	14	13	12		
1400	45	36	30	25	22	19	17	16	14	13	12		
1300	42	35	30	26	23	20	18	17	15	14			
1200	47	38	33	28	25	22	20	18	17	13			
1100	43	36	32	28	25	22	20	15	11				
1000	48	41	35	31	28	24	17	12	8				
900	46	40	35	28	19	13	8	4					
800	46	34	22	14	8	3	X						
700	41	25	14	6	X	X	X						
360		400	500	600	700	800	900	1000	1100	1200	1300	1400	1500

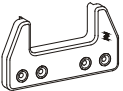


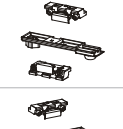

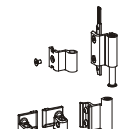
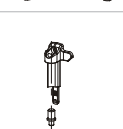

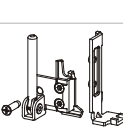
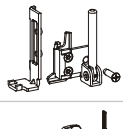
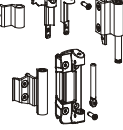
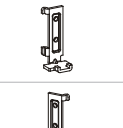
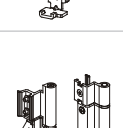
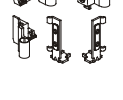
• Feasible with max. glass thickness of mm. 50  
 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space

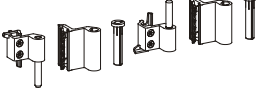



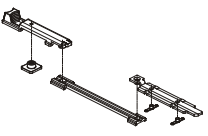

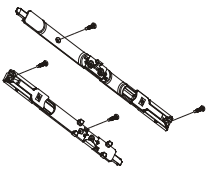

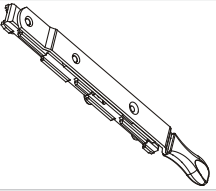
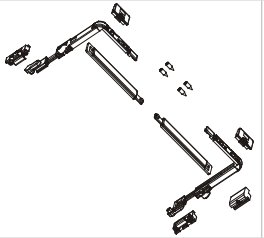






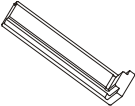
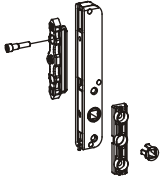




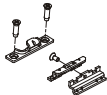

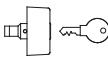







	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3202.L RIBANTA 5</b> (patented) Left vertical fulcrum Kit with night ventilation, turn-first function, in white galvanized zamak and black nylon, pre-mounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with pre-mounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3202.R RIBANTA 5</b> Like 3202.L but right hand.		5
	<b>3202.2L RIBANTA 5</b> (patented) Left horizontal fulcrum Kit with night ventilation, turn-first function, in white galvanized zamak and black nylon, pre-mounted screw in stainless steel 304 and 430, left hinge support in stainless steel 304, left pin in stainless steel 201 with pre-mounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3202.2R RIBANTA 5</b> Like 3202.2L but right hand.		5
	<b>3200.750L RIBANTA 5</b> (patented) Left short arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, pre-mounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.		5
	<b>3200.750R RIBANTA 5</b> Like 3200.750L but right hand.		5
	<b>3200.751L RIBANTA 5</b> (patented) Left standard arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, pre-mounted screw in stainless steel 304 and 430, pre-mounted rod and rod divided into millimetres in pre-oxidized aluminum.		5
	<b>3200.751R RIBANTA 5</b> Like 3200.751L but right hand.		5
	<b>3200.752L RIBANTA 5</b> (patented) Left long arm, turn-first function, in white galvanized zamak, black nylon, stainless steel 201 and 304, pre-mounted screw in stainless steel 304 and 430, pre-mounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.		5
	<b>3200.752R RIBANTA 5</b> Like 3200.752L but right hand.		5
	<b>3200.800L RIBANTA 5</b> (patented) Left additional arm, turn-first function, in stainless steel 304, white galvanized zamak and black nylon, pre-mounted screw in stainless steel 304 and 430.		5
	<b>3200.800R RIBANTA 5</b> Like 3200.800L but right hand.		5
	<b>3200.709 RIBANTA 5</b> (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, pre-mounted upper pin and counterplate in stainless steel 43, pre-mounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.708L RIBANTA 5</b> (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R RIBANTA 5</b> Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with pre-mounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R</b> Like 3200.710L but right hand.		5

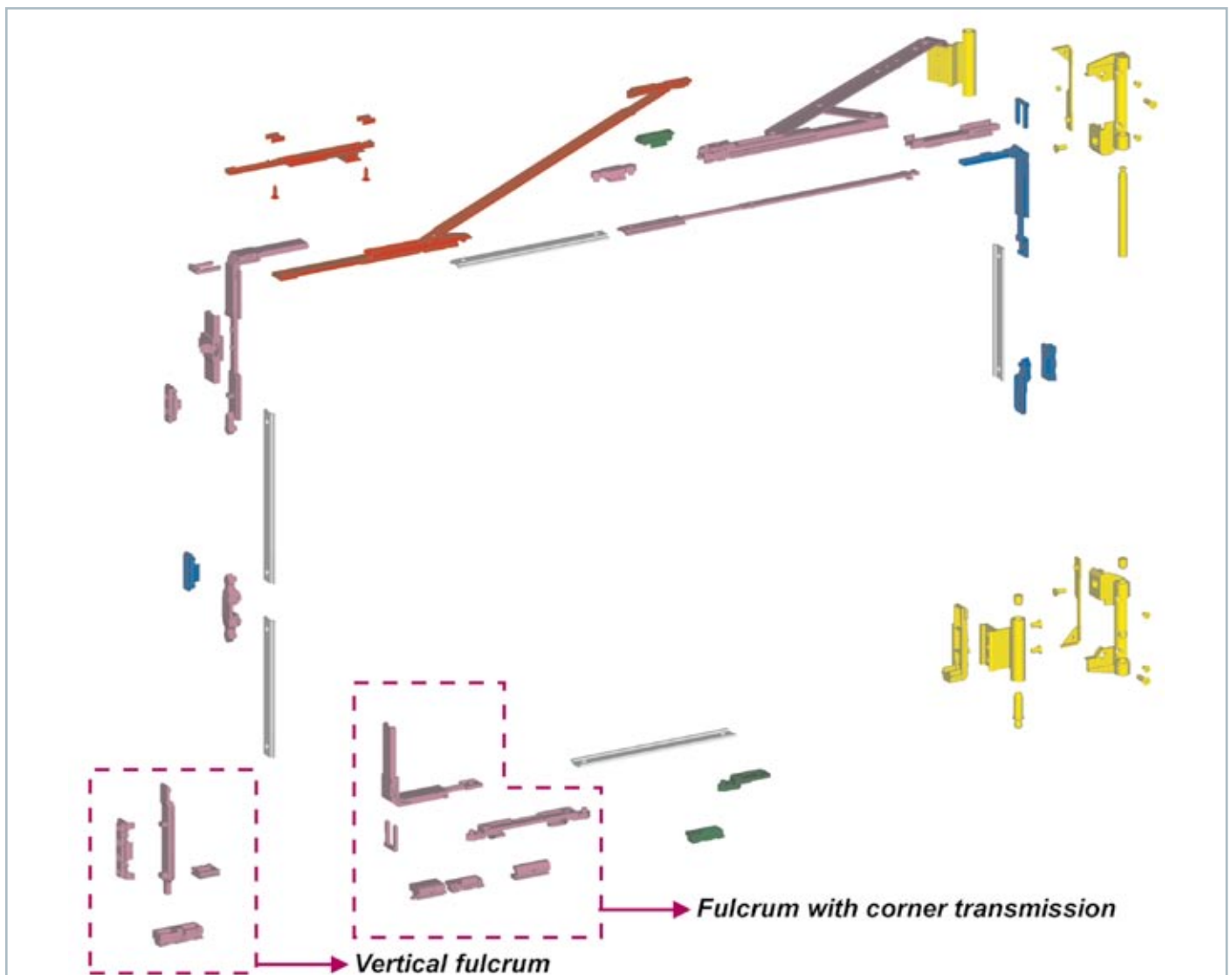
	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3200.701</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming counter-sunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.700L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R</b> Like 3200.700L but RH version.		5
	<b>3200.740</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3205/25</b> (patented) 250 mm transmission rod in silver pre-oxidized extruded aluminum.		100
	<b>3205/40</b> Like 3205/25 but of 400 mm.		100
	<b>3205/60</b> Like 3205/25 but of 600 mm.		100
	<b>3205/80</b> Like 3205/25 but of 800 mm.		100
	<b>3205/100</b> Like 3205/25 but of 1000 mm.		100
	<b>3205/120</b> Like 3205/25 but of 1200 mm.		100
	<b>3205/140</b> Like 3205/25 but of 1400 mm.		100
	<b>3205/160</b> Like 3205/25 but of 1600 mm.		50
	<b>3205/180</b> Like 3205/25 but of 1800 mm.		50
	<b>3205/200</b> Like 3205/25 but of 2000 mm.		50
	<b>3205/220</b> Like 3205/25 but of 2200 mm.		50
	<b>3205/300</b> Like 3205/25 but of 3000 mm.		50
	<b>3205.910</b> (patented) Kit of 5 transmission rods length 1200 mm, in silver anodized extruded aluminum.		1
<b>3205.911</b> (patented) Transmission rod kit in silver anodized extruded aluminum consisting of: 5 250 mm rods, 5 1000 mm rods and 5 1200 mm rods.		1	
<b>3205.912</b> (patented) Kit of 5 transmission rods length 1800 mm in silver anodized extruded aluminum.		1	
	<b>3200.950</b> Accessories positioning jig in yellow nylon, for 110/140 Kg hinges.		5
	<b>3200.951</b> Accessories positioning jig in red nylon, for 170 Kg hinges.		5
	<b>3200.952</b> Accessories positioning jig in black nylon, for frame elements.		5
	<b>3200.953</b> Keeper positioning jig in black nylon, for supplementary closing points.		5
	<b>3200.954</b> kit of jigs art. 3200.950 + 3200.952 + 3200.953.		1



	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3200.955</b> Hinge drilling jig in nylon with pre-printed bushings.		1
	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3200.820L</b> (patented) Left kit for 6 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.820R</b> Like 3200.820L but RH version.		5
	<b>3200.825L</b> (patented) Left Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.825R</b> Like 3200.825L but RH version.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.709</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.708L</b> RIBANTA 5 (patented) Left reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg, in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.708R</b> RIBANTA 5 Like 3200.708L but right hand.	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.710L</b> Left lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg), in stainless steel 304, left pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		5
	<b>3200.710R</b> Like 3200.710L but right hand.		5
	<b>3200.701</b> RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming countersunk head screws M5x18 in stainless steel 304.	1013, 1015, 1247, 3001, 6005, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005	5
	<b>3200.700L</b> Left bottom hinge support (weight capacity 170 Kg) in stainless steel 304.		5
	<b>3200.700R</b> Like 3200.700L but RH version.		5
	<b>3200.740</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.745</b> RIBANTA 5 Non-handed hinge kit for RIBANTA 5 (weight capacity 70 Kg.) for internally flush profiles with 4 mm teeth.	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV	5

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3200.809</b> Hinge kit in aluminium for second leaf, pre-assembled pins and counterplates in stainless steel 430, black nylon bushings, 4 socket head cap screws M5x16 and 2 special countersunk oval socket flat head screws M5x10 in stainless steel 430, pre-assembled. Weight capacity 80 Kg.	1013, 1015, 1247, 6005, 7016, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3200.831</b> RIBANTA 5 Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, SILV	5
	<b>3200.840L</b> (patented) Left upper adjustable support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.		5
	<b>3200.840R</b> Like 3200.840L but right hand.		5
	<b>3200.850</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.		20
	<b>3200.851</b> Like 3200.850 but for groove 14x19.5 mm.		20
	<b>3200.852</b> Like 3200.850 but for groove 13,5x16,5 mm.		20
	<b>3200.853</b> Like 3200.850 but for groove 14x18 mm.		20
	<b>3200.854</b> Like 3200.850 but for groove 15x20 mm.		20
	<b>3200.896</b> Like 3200.850 but for groove 13,2x16,7 mm.		20
	<b>1551.6 REVERTO</b> (patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.		20
	<b>3200.859</b> Monolithic bolt kit for secondary leaf alongside tilt and turn RIBANTA 5 with vertical fulcrum (art. 3200.7R/L), in white galvanized zamak, 4 self-drilling countersunk head screws 3,9x22 in white galvanized steel.		10
	<b>3200.808</b> Nylon spacer for art. 3200.859.		40
	<b>1538</b> Bi-directional bolt in stainless steel, white galvanized zamak and nylon, 2 preassembled grub screws M5x10 in stainless steel.		20
	<b>3200.845</b> Corner device kit in white galvanized zamak and nylon, pre-assembled screws in stainless steel, 4 special grub screws M5x15 in stainless steel.		5
	<b>1414W</b> Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1414.1W</b> Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).		200
	<b>1416.5W</b> Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>1246.832W</b> Additional closure hinge side in white galvanized zamak, 3 pre-mounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.		40
	<b>3200.957</b> Black nylon positioning jig for hinges art. 3200.809/.829.		5
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1210/7 MONO</b> Mono directional movement mechanism for RIBANTA 5 with 14,5 mm backset, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1243.721W</b> Adjustable keeper in white galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3200.805L</b> (patented) Left locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.		40
	<b>3200.805R</b> Like 3200.805L but right hand.		40
	<b>3200.810</b> (patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.		40
	<b>3200.835</b> Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>3200.801</b> Anti-slam device (right + left) in red nylon for standard and long arm.		40
	<b>3200.802</b> Anti-slam device (right + left) in red nylon for supplementary arm.		40
	<b>1343.8L/20</b> LH frictioning opening limiter arm stay, 20 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/20</b> Like 1343.8L/20 but right hand.		20
	<b>1343.8L/60</b> LH opening limiter arm stay, 60 cm, in zamak, nylon and stainless steel 304, 3 preassembled grub screws M5x12 in stainless steel 304.		20
	<b>1343.8R/60</b> Like 1343.8L/60 but right hand.		20
	<b>1343.801</b> Partial frictioning kit for art. 1343.8R/60 - 1343.8L/60, in nylon, 1 screw M5x9 in stainless steel 304.		40



## RIBANTATRE 150

for Euro-grooves profiles and NC International

TILT AND TURN GEARING

Pieces needed for realizing a window/door, following L and H dimensions

PCS.	DESCRIPTION	Articles	H	600	1401	600	1401	600	1401	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	2800	
				350		495		1201		1401	
				494		1200		1400		1700	
5	(pat.) Basic kit with standard arm, corner drive fulcrum for turn-first function	3100					1				
5	(pat.) Basic kit with short arm, corner drive fulcrum for turn-first function	3100.1		1							
5	(pat.) Basic kit with standard arm, vertical fulcrum for turn-first function	3100.2					1				
5	(pat.) Basic kit with short arm, vertical fulcrum for turn-first function	3100.3		1							
5	Supplementary arm for turn-first function	3100.800						1			
5	(pat.) Clamp in hinge kit for RIBANTATRE 150	3100.701									
5	(pat.) Screw-hinge kit for internally flush profiles	1243.730					1				
1	Mounting jig	3100.950								1	
1	Mounting jig	3100.951					1				
40	Locking piece	3100.821								1	
40	Adjustable keeper	1243.721								2	
5	Kit for vertical supplementary locking points	3000.820			1		1			1	
5	(pat.) Clamp in hinge kit for secondary casement	3100.830									1
5	Screw-hinge kit for secondary casement (internally flush profiles)	1243.816									
10	Lower bolt	3000.841									1
20	Vertical clamp bolt	3000.850+,.854									2
20	Vertical clamp bolt	3000.896									1
20	Clamp-bolt	1243.830/8									2
20	Clamp bolt	1545									2
20	Clamp bolt	1545.1									2
20	Clamp bolt	1545.2									2
20	Clamp bolt	1545.3									2
20	Sash stop device	1468									2
100	Keeper	1404									2
200	Adjustable keeper	1414									
100	Double keeper	1415									
100	Double keeper	1416.5									
40	Hinge-side supplementary closing point	1246.832									1

# APPLICATION FIELD

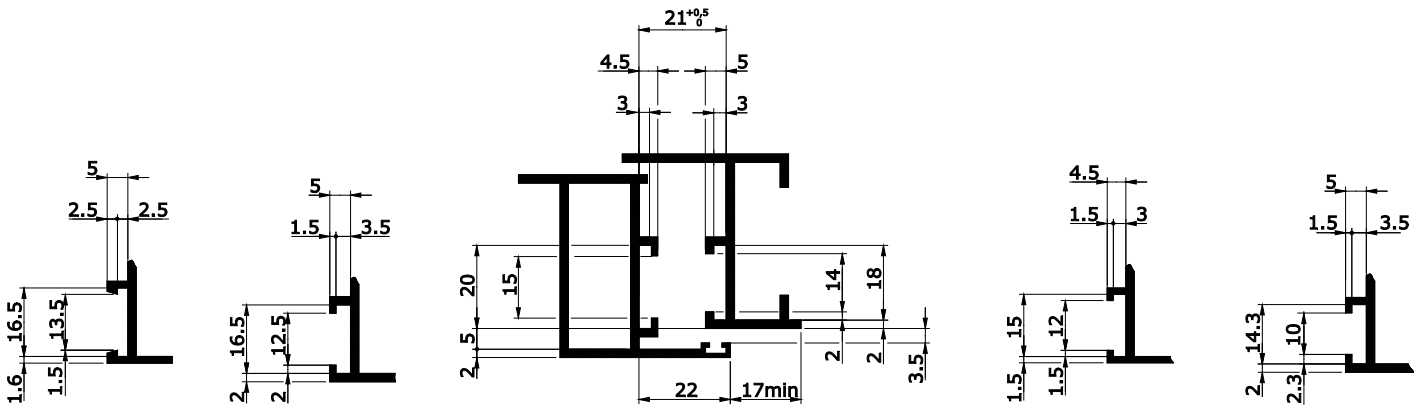
Casement max. weight 150 Kg.

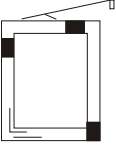
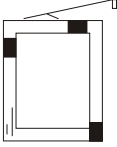

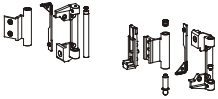

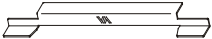






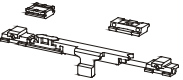
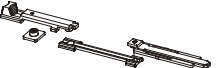
2800	•	•	•	•	41	34	29	25	22	20	18	17	15	14	13	12
2700	•	•	•	•	43	35	30	26	23	21	19	17	16	15	14	13
2600	•	•	•	•	45	37	32	27	24	22	20	18	17	15	14	13
2500	•	•	•	•	46	39	33	29	25	23	21	19	17	16	15	14
2400	•	•	•	•	49	40	34	30	27	24	22	20	18	17	16	15
2300	•	•	•	•	42	36	31	28	25	23	21	19	18	16	15	
2200	•	•	•	•	44	38	33	29	26	24	22	20	18	17	16	
2100	•	•	•	•	47	40	35	31	28	25	23	21	19	18	17	
2000	•	•	•	•	49	42	37	33	29	26	24	22	21	19	17	
1900	•	•	•	•	45	39	34	31	28	26	23	22	19	17		
1800	•	•	•	•	47	41	37	33	30	27	25	22	19	17		
1700	•	•	•	•	44	39	35	32	29	26	22	19	17			
1600	•	•	•	•	47	42	37	34	30	26	22	19	17			
1500	•	•	•	•	45	40	36	31	26	22	19	17				
1400	•	•	•	•	48	43	37	31	26	22	19	17				
1300	•	•	•	•	44	37	31	26	22	19	17					
1200	•	•	•	•	45	37	31	26	22	19	17					
1100	•	•	•	•	45	37	31	26	23	18	15					
1000	•	•	•	•	45	37	31	26	20	16	12					
900	•	•	•	•	46	38	30	23	17	13	9					
800	•	•	•	•	46	35	25	18	13	8	5					
700	•	•	•	•	40	27	19	12	7	X	X					
600	•	•	•	•	29	18	9	X	X	X	X					
	350	494	495	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

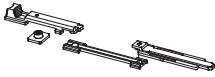









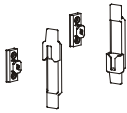
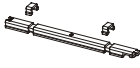



Casement max. weight 100 Kg. (without supplementary screws and for internally flush profiles)

2800	•	33	33	33	26	22	18	16	14	13	11	10	10	9	8	8
2700	•	35	35	34	27	23	19	17	15	13	12	11	10	9	8	8
2600	•	36	36	36	29	24	20	17	15	14	12	11	10	10	9	8
2500	•	38	38	38	30	25	21	18	16	14	13	12	11	10	9	9
2400	•	40	40	39	31	26	22	19	17	15	14	12	11	11	10	9
2300	•	42	42	41	33	27	23	20	18	16	14	13	12	11	10	9
2200	•	44	44	43	35	29	25	22	19	17	15	14	13	12	10	9
2100	•	46	46	46	36	30	26	23	20	18	16	15	13	12	10	9
2000	•	49	49	48	38	32	28	24	21	19	17	15	14	12	10	9
1900	•	•	•	•	41	34	29	26	23	20	18	16	14	12	10	9
1800	•	•	•	•	43	36	31	27	24	21	18	17	14	12	10	8
1700	•	•	•	•	46	38	33	29	26	23	20	17	14	12	10	8
1600	•	•	•	•	49	41	35	31	27	25	23	17	15	12	9	7
1500	•	•	•	•	44	38	33	29	25	21	17	14	10	8	6	
1400	•	•	•	•	48	41	35	31	25	21	17	12	9	6	5	
1300	•	•	•	•	44	39	31	25	20	15	10	8	5	X	X	
1200	•	•	•	•	48	39	31	25	18	12	8	5	X	X		
1100	•	•	•	•	39	31	21	15	9	8	X	X	X	X		
1000	•	•	•	•	40	27	17	11	8	X	X	X	X	X		
900	•	•	•	•	34	21	14	8	X	X	X	X	X	X		
800	•	•	•	•	45	26	14	8	X	X	X	X	X	X		
700	•	•	•	•	34	16	5	X	X	X	X	X	X	X		
600	•	•	•	•	44	18	5	X	X	X	X	X	X	X		
	350	494	495	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

• Feasible with max. glass thickness of mm. 50  
 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space

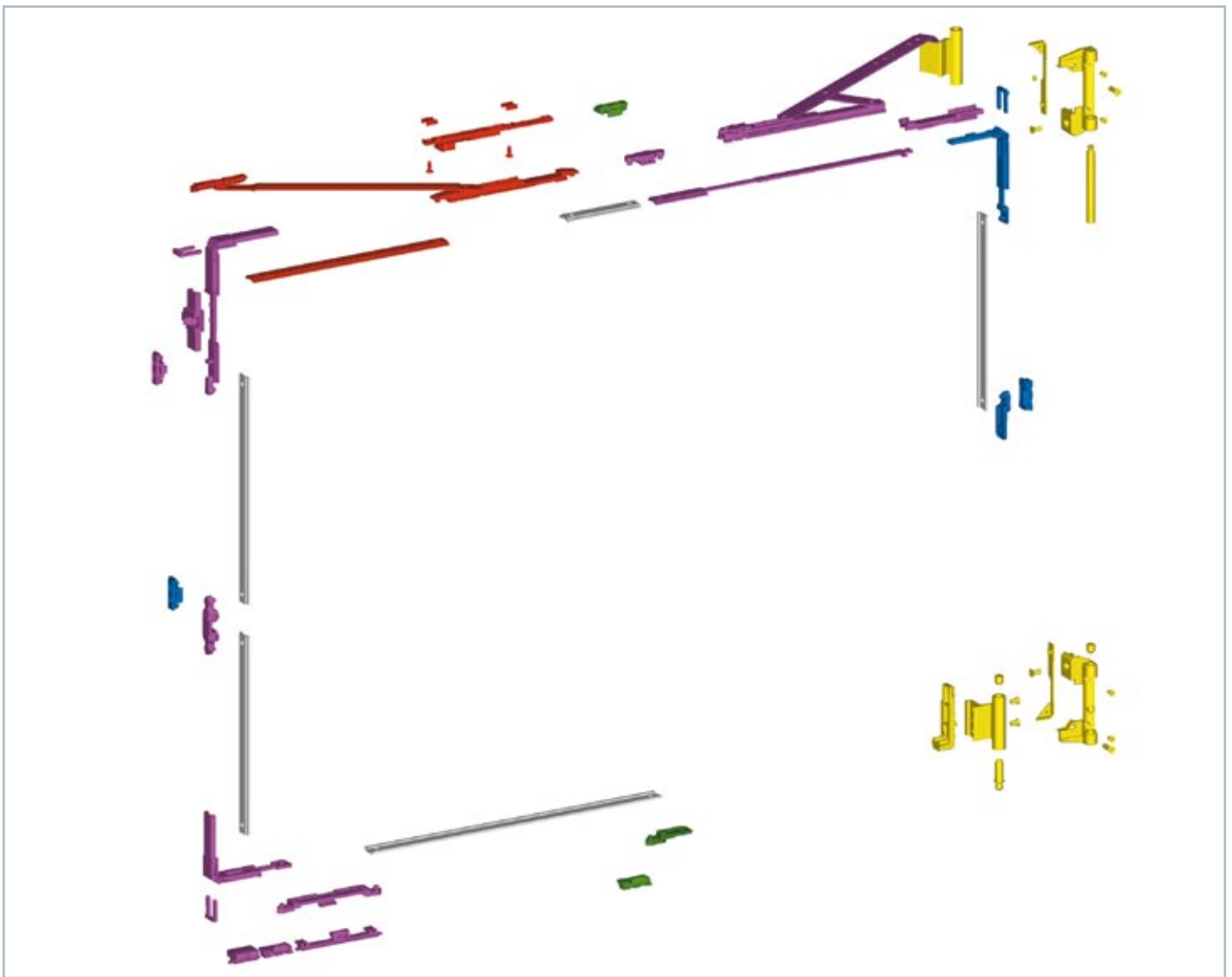


	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3100 RIBANTATRE 150</b> (patented) 4-point locking device for turn-first function, corner drive fulcrum. Basic kit with standard arm in stainless steel 304, corner drives and adjustable locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.1 RIBANTATRE 150</b> (patented) 4-point locking device for turn-first function, corner drive fulcrum. Basic kit with short arm in stainless steel 304, corner drives and adjustable locking points in black galvanized zamak, 5 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.2 RIBANTATRE 150</b> (patented) 4-point locking device for turn-first function, vertical fulcrum. Basic kit with standard arm in stainless steel 304, corner drives and locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.3 RIBANTATRE 150</b> (patented) 4-point locking device for turn-first function, vertical fulcrum. Basic kit with short arm in stainless steel 304, corner drives and adjustable locking points in black galvanized zamak, 5 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.800</b> Supplementary arm in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3100.701</b> (patented) Clamp in hinge kit for RIBANTATRE 150 in zamak, aluminium and stainless steel 430, 4 countersunk head screws Ø 4.2x13, 4 countersunk head M5x8, 2 countersunk head M5x12, 2 countersunk head M5x16 in stainless steel 304. Casement max weight of 150 Kg (100 Kg without supplementary screws included).	1013, 1015, 1035, 1247, 3001, 3003, 6005, 7016, 7032, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, HL, PVD H, PVD X, RD501, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.730</b> (patented) Screw-hinge kit for RIBANTATRE 150, in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 2 countersunk head screws M5x8, 2 countersunk head screws M5x12 in stainless steel 304. Weight capacity: Max 100 Kg (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/.7 - 3001.6/.7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	<b>3100.951</b> Accessories mounting jig on fixed frame, for art. 3000.4/.5 - 3100.2/.3 - 3150.2/.22.		1
	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3100.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTATRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304.	1013, 1015, 1247, 7016, 7032, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.816</b> Screw-hinge kit for casement alongside RIBANTATRE 150 in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 4 countersunk head screws M5x12 in stainless steel 304 (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3000.853</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10







192 **RIBANTATRE 150**

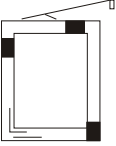

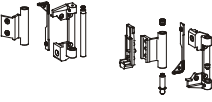

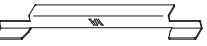




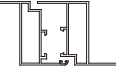
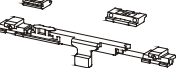
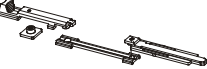


for Euro-grooves profiles and NC International

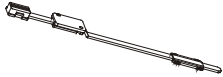
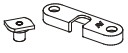






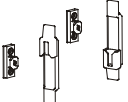

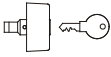

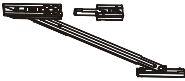
**TILT FIRST GEARING**

Pieces needed for realizing a window/door, following L and H dimensions

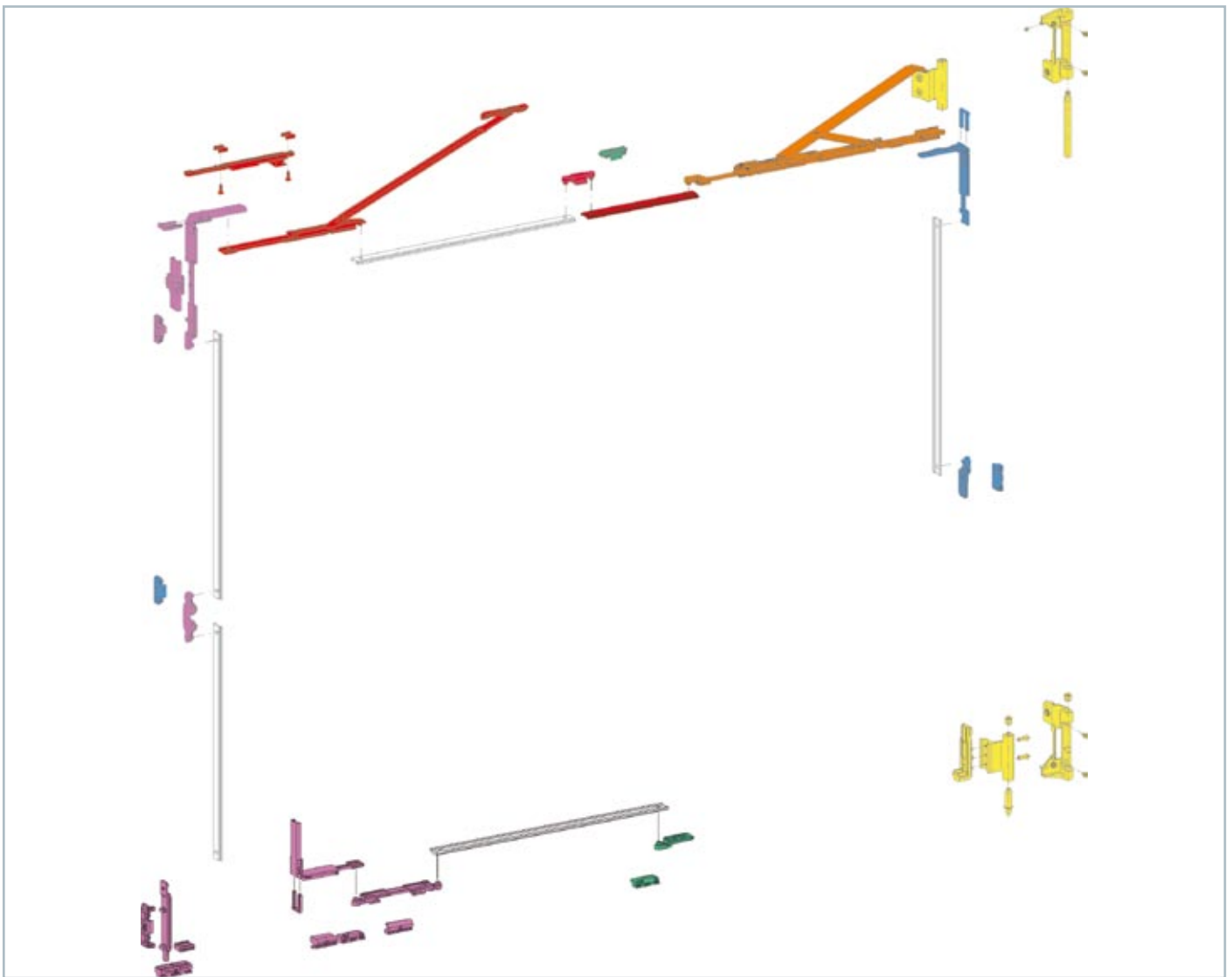
PCS.	DESCRIPTION	Articles	H	600	1401	600	1401	600	1401	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	1401	
				350	494	495	1200	1201	1400	1401	1700
5	Basic kit with standard arm, corner drive fulcrum, tilt-first function	3101						1			
5	Basic kit with short arm, corner drive fulcrum, tilt-first function	3101.1		1							
5	Supplementary arm, tilt-first function	3101.800							1		
5	(pat.) Clamp in hinge kit for RIBANTATRE 150	3100.701									
5	(pat.) Screw-hinge kit for internally flush profiles	1243.730						1			
1	Mounting jig	3100.950						1			
40	Locking piece	3100.821									1
40	Adjustable keeper	1243.721									2
5	Kit for vertical supplementary locking points	3000.820			1		1			1	
5	(pat.) Clamp in hinge kit for secondary casement	3100.830									
5	Screw-hinge kit for secondary casement (internally flush profiles)	1243.816									1
10	Lower bolt	3000.841									1
20	Vertical clamp bolt	3000.850÷.854									2
20	Vertical clamp bolt	3000.896									2
20	Clamp-bolt	1243.830/8									1
20	Clamp bolt	1545									2
20	Clamp bolt	1545.1									2
20	Clamp bolt	1545.2									2
20	Clamp bolt	1545.3									2
20	Sash stop device	1468									2
100	Keeper	1404									
200	Adjustable keeper	1414									
100	Double keeper	1415									2
100	Double keeper	1416.5									
40	Hinge-side supplementary closing point	1246.832									1



	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3101 RIBANTATRE 150</b> 4-point locking device for tilt-first function, corner drive fulcrum. Basic kit with standard arm in stainless steel 304, corner drive and adjustable locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3101.1 RIBANTATRE 150</b> 4-point locking device for tilt-first function, corner drive fulcrum. Basic kit with short arm in stainless steel 304, corner drive and adjustable locking points in black galvanized zamak, 5 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3101.800</b> Supplementary arm tilt-first function in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3100.701</b> (patented) Clamp in hinge kit for RIBANTATRE 150 in zamak, aluminium and stainless steel 430, 4 countersunk head screws Ø 4.2x13, 4 countersunk head M5x8, 2 countersunk head M5x12, 2 countersunk head M5x16 in stainless steel 304. Casement max weight of 150 Kg (100 Kg without supplementary screws included).	1013, 1015, 1035, 1247, 3001, 3003, 6005, 7016, 7032, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, HL, PVD H, PVD X, RD501, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.730</b> (patented) Screw-hinge kit for RIBANTATRE 150, in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 2 countersunk head screws M5x8, 2 countersunk head screws M5x12 in stainless steel 304. Weight capacity: Max 100 Kg (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/7 - 3001.6/7 - 3010/1.1/3/4 - 3011/1.1/3/4 - 3100/1 - 3101/1 - 3150/20 - 3151/20.		1
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3100.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTATRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304.	1013, 1015, 1247, 7016, 7032, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.816</b> Screw-hinge kit for casement alongside RIBANTATRE 150 in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 4 countersunk head screws M5x12 in stainless steel 304 (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1545.1</b> SERRO Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.2</b> SERRO Like 1545.		20
	<b>1545.3</b> SERRO Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7</b> MONO Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490</b> BLOCAL Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10





198 **RIBANTATRE 150 RESTYLING**

for Euro-grooves profiles and NC International

**TILT AND TURN GEARING**





# APPLICATION FIELD

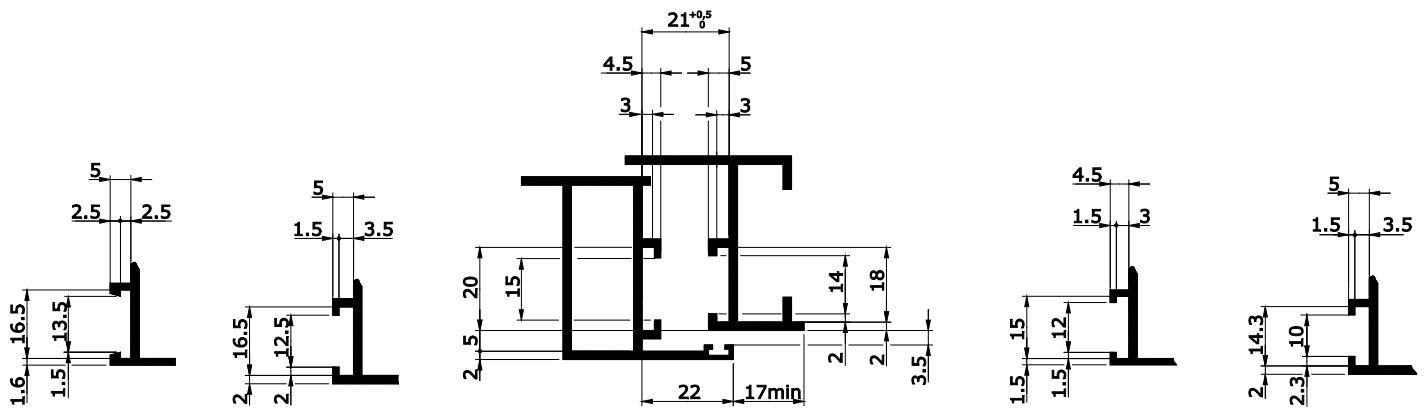
Casement max. weight 150 Kg.

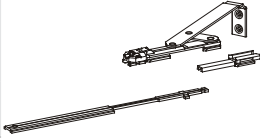
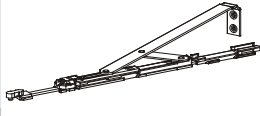
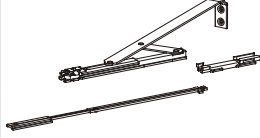
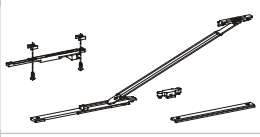
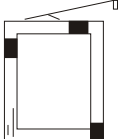
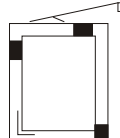
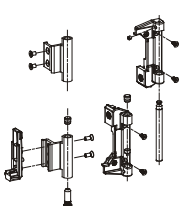



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1100	•	•	•	45	37	31	26	23	18	15	14	13	12	11	10
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700	•	•	•	40	27	19	12	7	X	X	X	X	X	X	X
600	•	•	•	45	29	18	9	X	X	X	X	X	X	X	X
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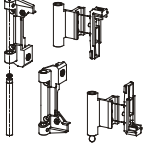

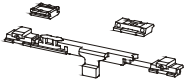
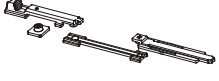








Casement max. weight 100 Kg. (without supplementary screws)


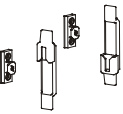

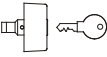

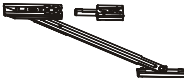
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800	•	45	26	14	8	X	X	X	X	X	X	X	X	X	X
700	•	34	16	5	X	X	X	X	X	X	X	X	X	X	X
600	•	44	18	5	X	X	X	X	X	X	X	X	X	X	X
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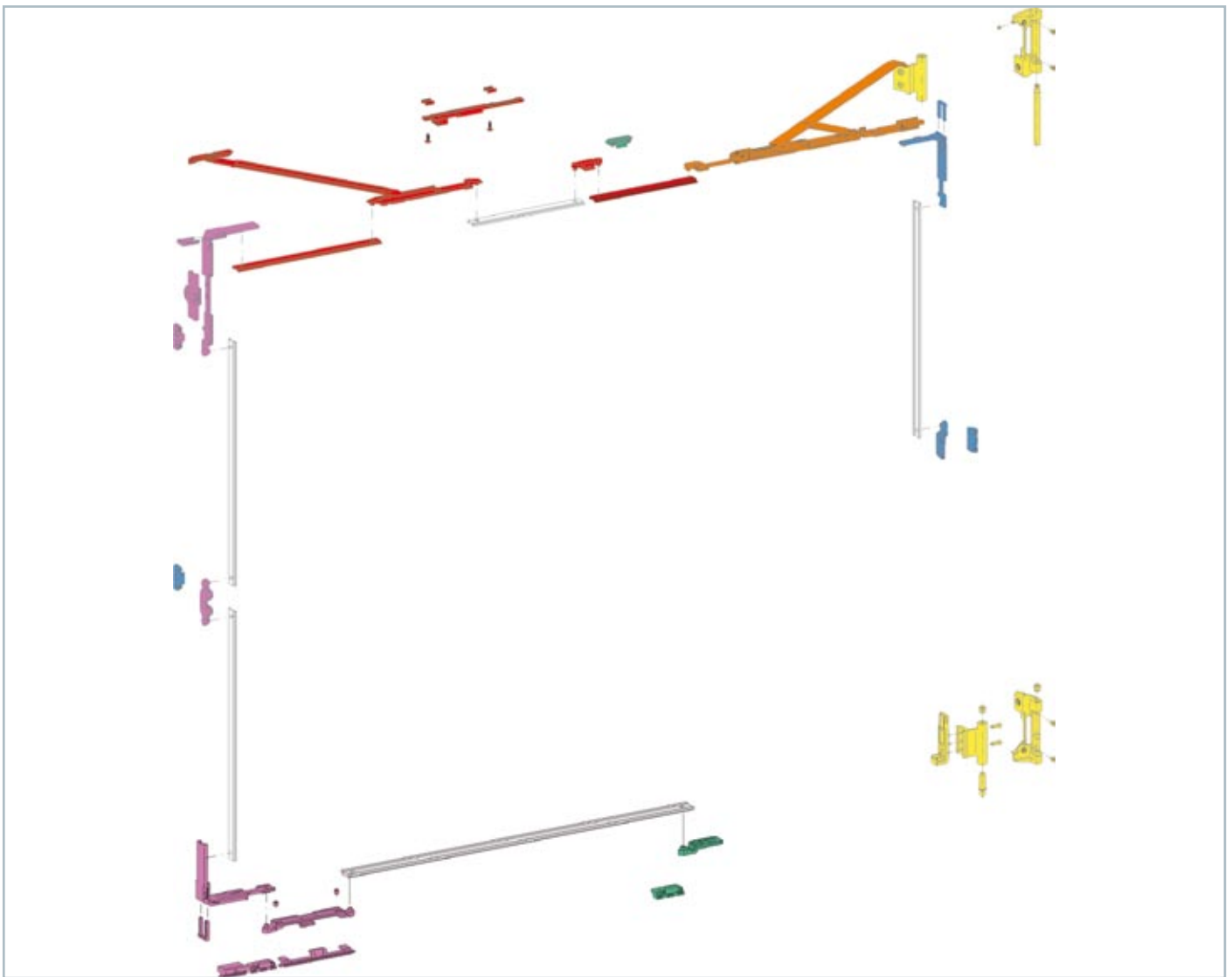
• Feasible with max. glass thickness of mm. 50  
 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space



	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3150.752</b> RIBANTATRE 150 Not preassembled short arm for turn-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3150.772</b> RIBANTATRE 150 Like 3150.752 but 20 pcs. pack.		20
	<b>3150.750</b> RIBANTATRE 150 Preassembled standard arm for turn-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3150.770</b> RIBANTATRE 150 Like 3150.750 but 20 pcs. pack.		20
	<b>3100.751</b> RIBANTATRE 150 Not preassembled standard arm for turn-first function, in stainless steel 304, not-galvanized zamak, aluminium rod, rod-connection locking piece in black galvanized zamak, screws in stainless steel 304.		5
	<b>3100.771</b> RIBANTATRE 150 Like 3100.751 but 20 pcs. pack.		20
	<b>3150.800</b> Supplementary arm for turn-first function, in stainless steel 304, black galvanized zamak and black nylon, preanodized aluminium rod, 2 cap screws Ø 4,2x13 in stainless steel 304.		5
	<b>3150</b> (patented) Basic kit for turn-first function, corner drive fulcrum and adjustable locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3150.20</b> Like 3150 but 20 pcs. pack.		20
	<b>3150.2</b> (patented) Basic kit for turn-first function, vertical fulcrum and adjustable locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3150.22</b> Like 3150.2 but 20 pcs. pack.		20
	<b>3150.701</b> (patented) Clamp in hinge kit for RIBANTATRE 150 in zamak and aluminium, preassembled counterplates in stainless steel 304, 4 countersunk head screws Ø 4.2x13, 4 countersunk head screws M5x8, 2 countersunk head screws M5x12 and 1 grub screw M5x6 in stainless steel 304, 2 preassembled countersunk head screws M5x16 and 2 preassembled countersunk head screws M5x9 in stainless steel 304 with unscrewing painting protection. Casement max weight of 150 Kg (100 Kg without supplementary screws included).	1013, 1015, 1247, 3001, 6005, 7032, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3150.721</b> Like 3150.701 but 20 pcs. pack.	1013, 9005, 9010	20
 <i>complanare interno</i>	<b>1243.730</b> (patented) Screw-hinge kit for RIBANTATRE 150, in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 2 countersunk head screws M5x8, 2 countersunk head screws M5x12 in stainless steel 304. Weight capacity: Max 100 Kg (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/.7 - 3001.6/.7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	<b>3100.951</b> Accessories mounting jig on fixed frame, for art. 3000.4/.5 - 3100.2/.3 - 3150.2/.22.		1

	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3150.830</b> (patented) Clamp in hinge kit in zamak and aluminium for casement alongside RIBANTATRE 150, preassembled counterplates in stainless steel 304, 4 countersunk head screws Ø 4,2x13, 4 countersunk head screws M5x12 and 1 grub screw M5x6 in stainless steel 304, 2 preassembled countersunk head screws M5x16 and 2 preassembled countersunk head screws M5x9 in stainless steel 304 with unscrewing painting protection.	1013, 1015, 7032, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.816</b> Screw-hinge kit for casement alongside RIBANTATRE 150 in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 4 countersunk head screws M5x12 in stainless steel 304 (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10



204 **RIBANTATRE 150 RESTYLING**

for Euro-grooves profiles and NC International

**TILT FIRST GEARING**

Pieces needed for realizing a window/door, following L and H dimensions

PCS.	DESCRIPTION	Articles	H	600	1401	600	1401	600	1401	600	1401	600	1401	700	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	
5	Not preassembled short arm for tilt-first function	3151.752														
20	Not preassembled short arm for tilt-first function	3151.772	1													
5	Preassembled standard arm for tilt-first function	3151.750														
20	Preassembled standard arm for turn-first function	3151.770														
5	Not preassembled standard arm for tilt-first function	3101.751														
20	Not preassembled standard arm for tilt-first function	3101.771				1								1		
5	Supplementary arm for tilt-first function	3151.800												1		
5	(pat.) Basic kit with corner drive fulcrum for tilt-first function	3151														
20	(pat.) Basic kit with corner drive fulcrum for tilt-first function	3151.20														
5	(pat.) Clamp in hinge kit for RIBANTATRE 150	3150.701														
20	(pat.) Clamp in hinge kit for RIBANTATRE 150	3150.721														
5	(pat.) Screw-hinge kit for internally flush profiles	1243.730														
1	Mounting jig	3100.950														
40	Locking piece	3100.821														
40	Adjustable keeper	1243.721														1
5	Kit for vertical supplementary locking points	3000.820				1				1						2
5	(pat.) Clamp in hinge kit for casement alongside RIBANTATRE 150	3150.830														
5	Screw-hinge kit for secondary casement (internally flush profiles)	1243.816														1
10	Lower bolt	3000.841														1
20	Vertical clamp bolt	3000.850+.854														2
20	Vertical clamp bolt	3000.896														2
20	Clamp-bolt	1243.830/8														1
20	Clamp bolt	1545														2
20	Clamp bolt	1545.1														2
20	Clamp bolt	1545.2														2
20	Clamp bolt	1545.3														2
20	Sash stop device	1468														2
100	Keeper	1404														
200	Adjustable keeper	1414														
100	Double keeper	1415														
100	Double keeper	1416.5														
40	Hinge-side supplementary closing point	1246.832														1

## APPLICATION FIELD

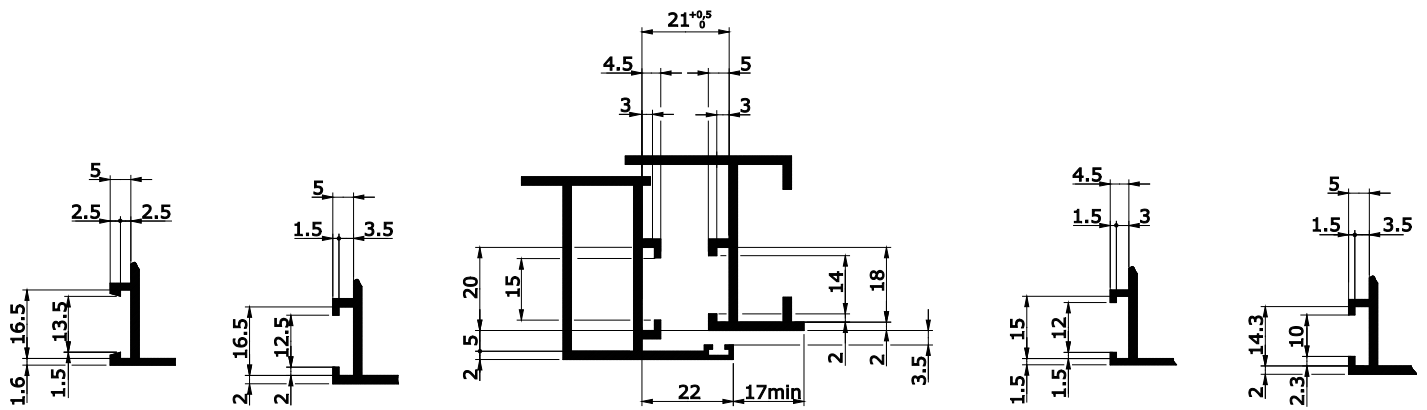
Casement max. weight 150 Kg.

2800	•	•	•	41	34	29	25	22	20	18	17	15	14	13	12
2700	•	•	•	43	35	30	26	23	21	19	17	16	15	14	13
2600	•	•	•	45	37	32	27	24	22	20	18	17	15	14	13
2500	•	•	•	46	39	33	29	25	23	21	19	17	16	15	14
2400	•	•	•	49	40	34	30	27	24	22	20	18	17	16	15
2300	•	•	•	42	36	31	28	25	23	21	19	18	16	15	14
2200	•	•	•	44	38	33	29	26	24	22	20	18	17	16	15
2100	•	•	•	47	40	35	31	28	25	23	21	19	18	17	16
2000	•	•	•	49	42	37	33	29	26	24	22	21	19	17	16
1900	•	•	•	45	39	34	31	28	26	23	22	21	19	17	16
1800	•	•	•	47	41	37	33	30	27	25	22	21	19	17	16
1700	•	•	•	44	39	35	32	29	26	22	21	19	17	16	15
1600	•	•	•	47	42	37	34	30	26	22	21	19	17	16	15
1500	•	•	•	45	40	36	31	26	22	19	17	16	15	14	13
1400	•	•	•	48	43	37	31	26	22	19	17	16	15	14	13
1300	•	•	•	44	37	31	26	22	19	17	16	15	14	13	12
1200	•	•	•	45	37	31	26	22	19	17	16	15	14	13	12
1100	•	•	•	45	37	31	26	23	18	15	14	13	12	11	10
1000	•	•	•	45	37	31	26	20	16	12	11	10	9	8	7
900	•	•	•	46	38	30	23	17	13	9	8	7	6	5	4
800	•	•	•	46	35	25	18	13	8	5	4	3	2	1	0
700	•	•	•	40	27	19	12	7	X	X	X	X	X	X	X
600	•	•	•	45	29	18	9	X	X	X	X	X	X	X	X
	350	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

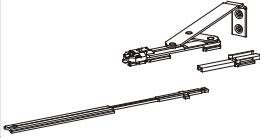
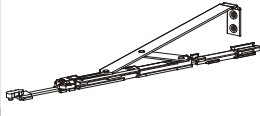
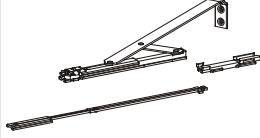

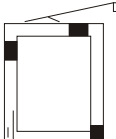
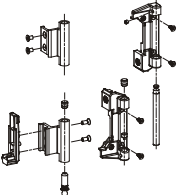

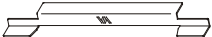



Casement max. weight 100 Kg. (without supplementary screws)

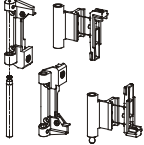

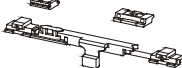
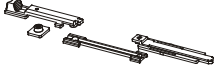


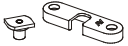





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2700	•	46	34	27	23	19	17	15	13	12	11	10	9	8	8
2600	•	48	36	29	24	20	17	15	14	12	11	10	10	9	8
2500	•	38	30	25	21	18	16	14	13	12	11	10	9	9	9
2400	•	39	31	26	22	19	17	15	14	12	11	11	10	9	9
2300	•	41	33	27	23	20	18	16	14	13	12	11	10	9	9
2200	•	43	35	29	25	22	19	17	15	14	13	12	10	9	9
2100	•	46	36	30	26	23	20	18	16	15	13	12	10	9	9
2000	•	48	38	32	28	24	21	19	17	15	14	12	10	9	9
1900	•	41	34	29	26	23	20	18	16	14	12	10	9	9	9
1800	•	43	36	31	27	24	21	18	17	14	12	10	8	8	8
1700	•	46	38	33	29	26	23	20	17	14	12	10	8	8	8
1600	•	49	41	35	31	27	25	23	17	15	12	9	7	7	7
1500	•	44	38	33	29	25	21	17	14	10	8	6	6	6	6
1400	•	48	41	35	31	25	21	17	12	9	6	5	5	5	5
1300	•	44	39	31	25	20	15	10	8	5	X	X	X	X	X
1200	•	48	39	31	25	18	12	8	5	X	X	X	X	X	X
1100	•	39	31	21	15	9	8	X	X	X	X	X	X	X	X
1000	•	40	27	17	11	8	X	X	X	X	X	X	X	X	X
900	•	34	21	14	8	X	X	X	X	X	X	X	X	X	X
800	•	45	26	14	8	X	X	X	X	X	X	X	X	X	X
700	•	34	16	5	X	X	X	X	X	X	X	X	X	X	X
600	•	44	18	5	X	X	X	X	X	X	X	X	X	X	X
	350	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700


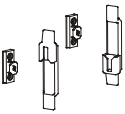

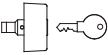

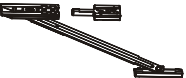
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 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space

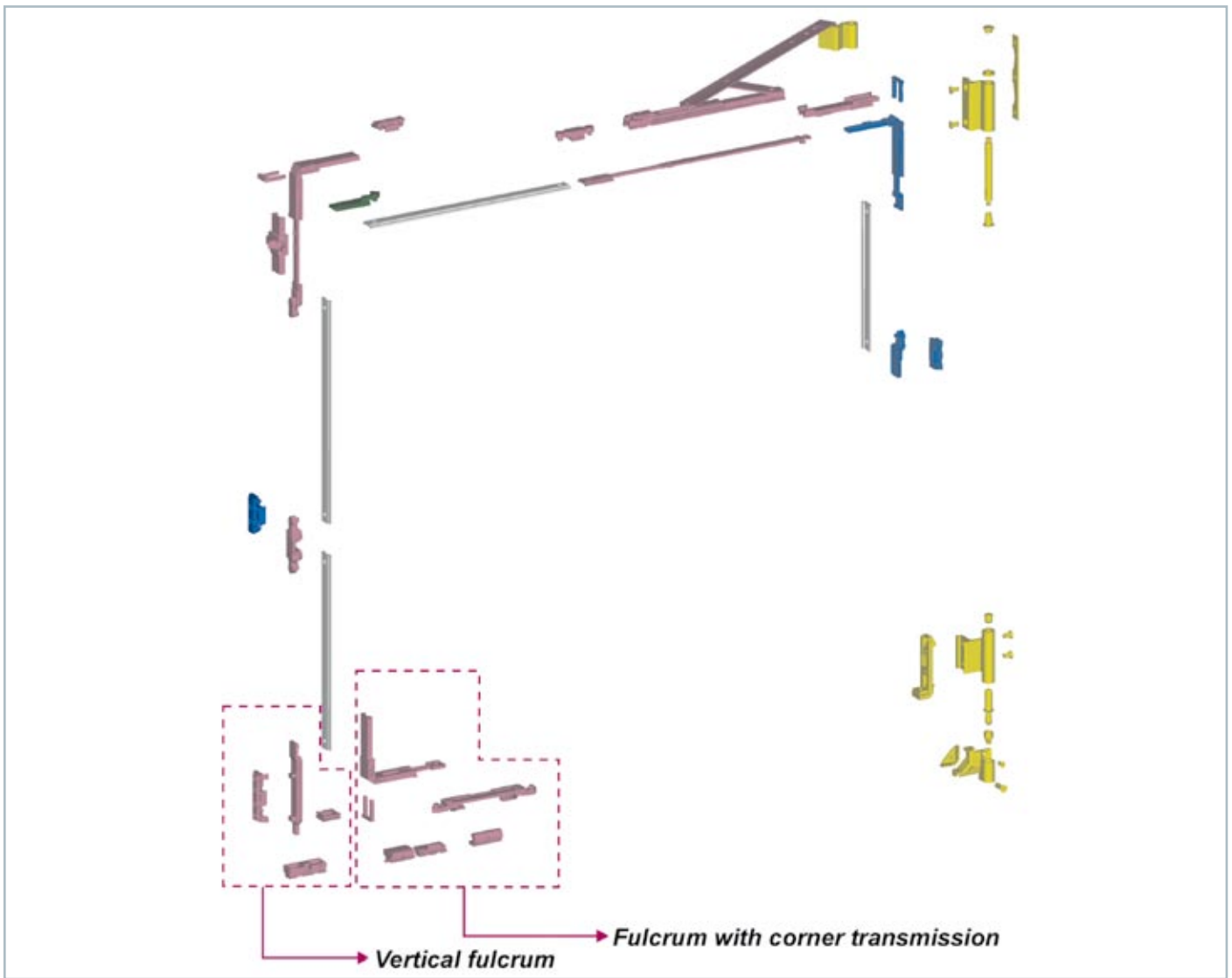




	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>3151.752</b> RIBANTATRE 150 Not preassembled short arm for tilt-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3151.772</b> RIBANTATRE 150 Like 3151.752 but 20 pcs. pack.		20
	<b>3151.750</b> RIBANTATRE 150 Preassembled standard arm for tilt-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3151.770</b> RIBANTATRE 150 Like 3151.750 but 20 pcs. pack.		20
	<b>3101.751</b> RIBANTATRE 150 Not preassembled standard arm for tilt-first function, in stainless steel 304, not-galvanized zamak, aluminium rod, rod-connection locking piece in black galvanized zamak, screws in stainless steel 304.		5
	<b>3101.771</b> RIBANTATRE 150 Like 3101.751 but 20 pcs. pack.		20
	<b>3151.800</b> Supplementary arm for tilt-first function, in stainless steel 304, black galvanized zamak and black nylon, 2 preanodized aluminium rods, 2 cap screws Ø 4,2x13 in stainless steel 304.		5
	<b>3151</b> (patented) Basic kit for tilt-first function, corner drive fulcrum and adjustable locking points in black galvanized zamak, 6 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3151.20</b> Like 3151 but 20 pcs. pack.		20
	<b>3150.701</b> (patented) Clamp in hinge kit for RIBANTATRE 150 in zamak and aluminium, preassembled counterplates in stainless steel 304, 4 countersunk head screws Ø 4.2x13, 4 countersunk head screws M5x8, 2 countersunk head screws M5x12 and 1 grub screw M5x6 in stainless steel 304, 2 preassembled countersunk head screws M5x16 and 2 preassembled countersunk head screws M5x9 in stainless steel 304 with unscrewing painting protection. Casement max weight of 150 Kg (100 Kg without supplementary screws included).	1013, 1015, 1247, 3001, 6005, 7032, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3150.721</b> Like 3150.701 but 20 pcs. pack.	1013, 9005, 9010	20
	<b>1243.730</b> (patented) Screw-hinge kit for RIBANTATRE 150, in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 2 countersunk head screws M5x8, 2 countersunk head screws M5x12 in stainless steel 304. Weight capacity: Max 100 Kg (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/7 - 3001.6/7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	DESCRIPTION Complementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS
	<b>3150.830</b> (patented) Clamp in hinge kit in zamak and aluminium for casement alongside RIBANTATRE 150, preassembled counterplates in stainless steel 304, 4 countersunk head screws Ø 4.2x13, 4 countersunk head screws M5x12 and 1 grub screw M5x6 in stainless steel 304, 2 preassembled countersunk head screws M5x16 and 2 preassembled countersunk head screws M5x9 in stainless steel 304 with unscrewing painting protection.	1013, 1015, 7032, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
 <i>complanare interno</i>	<b>1243.816</b> Screw-hinge kit for casement alongside RIBANTATRE 150 in zamak and aluminium, 8 countersunk head screws Ø 4,2x13, 4 countersunk head screws M5x12 in stainless steel 304 (internally flush profiles).	1013, 1015, 1247, 8019, 9001, 9005, 9010, 9016, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/B</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545</b> SERRO Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1</b> SERRO Like 1545.		20
	<b>1545.2</b> SERRO Like 1545.		20
	<b>1545.3</b> SERRO Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10



210 **RIBANTA 4**

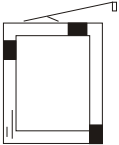
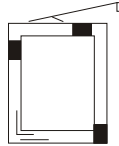

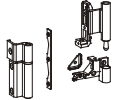
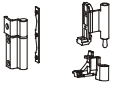
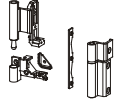
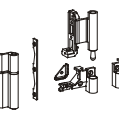
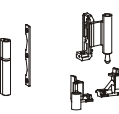

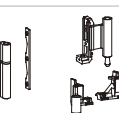
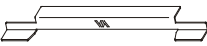
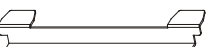
for Euro-grooves profiles and NC International





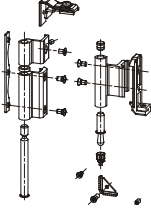

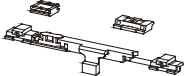
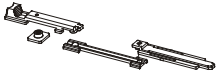




**TILT AND TURN GEARING**

Pieces needed for realizing a window/door, following L and H dimensions






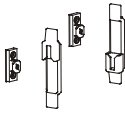
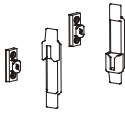


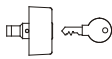

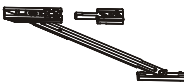
POS.	DESCRIPTION	Articles	One casement							Secondary casement									
			H		700		1401		1401		700		1401		1401				
			1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800			
			350	494	495	1200	1201	1400	1401	1500	400	545	456	1200	1201	1400	1401	1500	
5	(pat.) Basic kit with standard arm, vertical fulcrum, turn-first function	3000.4			1								1						
5	(pat.) Basic kit with short arm, vertical fulcrum, turn-first function	3000.5	1								1								
5	(pat.) Basic kit with standard arm, corner drive fulcrum, turn-first function	3000.6					1										1		
5	(pat.) Basic kit with short arm, corner drive fulcrum, turn-first function	3000.7	1																
5	Supplementary arm for turn-first function	3100.800						1										1	
5	(pat.) RH hinge kit for RIBANTA 4	3000.731	1																
5	(pat.) RH hinge kit for RIBANTA 4	3000.733																	
5	(pat.) Kit of LH hinges for RIBANTA 4	3000.734																	
5	Non-handed hinge Kit for RIBANTA 4	3000.739																	
5	Non-handed hinge Kit for internally flush profiles for RIBANTA 4	3000.740																	
5	LH transformation hinge pivot for tilt and turn	3000.742																	
5	Non-handed hinge Kit for RIBANTA 4, for internally flush profiles with 4 mm teeth.	3000.745																	
1	Mounting jig	3100.950																	
1	Mounting jig	3100.951					1												1
40	Adjustable keeper	1243.721									2								2
40	Locking piece	3000.800											1						
5	Kit for vertical supplementary locking points	3000.820		1		1				1			1						1
40	Locking piece	3100.821								1									1
5	(patented) Clamp in hinge kit for casement alongside RIBANTA 4	3000.830	2																
50	(pat.) Two-wing hinge	1121																	
50	(pat.) Two-wing hinge	1121.1																	
10	Lower bolt	3000.841	1																
20	Vertical clamp bolt	3000.850÷.854																	
20	Vertical clamp bolt	3000.896											1						2
20	Clamp-bolt	1243.830/8	1																
20	Clamp bolt	1545																	
20	Clamp bolt	1545.1																	
20	Clamp bolt	1545.2																	
20	Clamp bolt	1545.3																	
20	Sash stop device	1468																	
100	Keeper	1404																	
200	Adjustable keeper	1414	1																
100	Double keeper	1415																	
100	Double keeper	1416.5																	
40	Hinge-side supplementary closing point	1246.832											1			1			1

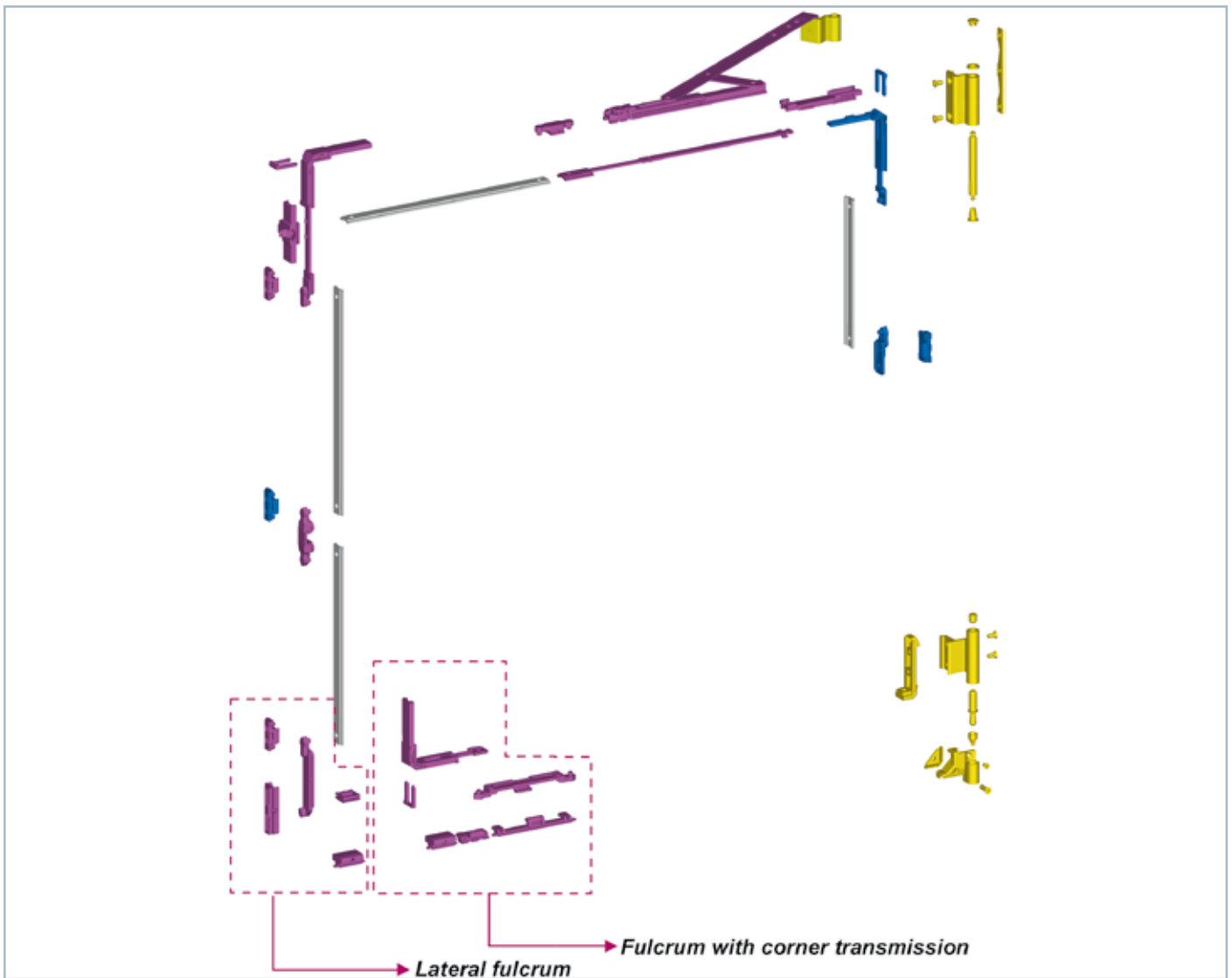


	DESCRIPTION Basic kit (4 locking points)	FINISHING	PCS.
	<b>3000.4</b> RIBANTA 4 (patented) 4-point locking device for turn-first function, vertical fulcrum. Basic kit with standard arm in stainless steel 304, corner drive and locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3000.5</b> RIBANTA 4 Like 3000.4 but with short arm (5 bushings).		5
	<b>3000.6</b> RIBANTA 4 (patented) 4-point locking device for turn-first function, corner drive fulcrum. Basic kit with standard arm in stainless steel 304, corner drive and locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3000.7</b> RIBANTA 4 Like 3000.6 but with short arm (5 bushings).		5
	<b>3100.800</b> Supplementary arm in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3000.731</b> (patented) Kit of RH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304. Casement max. weight 100 Kg.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3000.733</b> (patented) Kit of RH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304 (for internally flush profiles). Casement max. weight 70 Kg.	1013, 1015, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3000.734</b> (patented) Kit of LH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304.	9005, 9010, C, SILV	5
	<b>3000.739</b> Non-handed hinge Kit for RIBANTA 4. Casement max. weight 100 Kg.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.740</b> Non-handed hinge Kit for internally flush profiles. Casement max. weight 70 Kg.	1013, 1015, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.742</b> LH transformation hinge pivot for tilt and turn, for art. 3000.6/7.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3000.745</b> Non-handed hinge Kit for RIBANTA 4, for internally flush profiles with 4 mm teeth. Weight capacity: 70 Kg.	1013, 9005, 9010, BL10, BR5, C, GR51, HL, PVD H, PVD X, SILV	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/7 - 3001.6/7 - 3010/1/3/4 - 3011/1/3/4 - 3100/1 - 3101/1 - 3150/20 - 3151/20.		1
	<b>3100.951</b> Accessories mounting jig on fixed frame, for art. 3000.4/5 - 3100.2/3 - 3150.2/22.		1

	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.800</b> Locking piece (only for tilt and turn + semi-fixed casement), alternative to the upper bolt.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3000.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTATRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304. To be used with art. 3000.739.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>1121 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1035, 1247, 3003, 6002, 6005, 7016, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>1121.1 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1247, 3003, 6002, 6005, 7016, 7032, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, GREY, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100



	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10



216 **RIBANTA 4**

for Euro-grooves profiles and NC International

**TILT FIRST GEARING**

Pieces needed for realizing a window/door, following L and H dimensions

POS.	DESCRIPTION	Articles	One casement						Secondary casement							
			H		700		1401		700		1401		700		1401	
			1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800
			L	350 494	495 1200	1201 1400	1401 1500	400 545	546 1200	1201 1400	1401 1500					
5	(pat.) Basic kit with standard arm, RH vertical lateral fulcrum, tilt-first function	3001			1				1							
5	(pat.) Basic kit with standard arm, LH vertical lateral fulcrum, tilt-first function	3001.10														
5	(pat.) Basic kit with short arm, RH vertical lateral fulcrum, tilt-first function	3001.1		1					1							
5	(pat.) Basic kit with short arm, LH vertical lateral fulcrum, tilt-first function	3001.11														
5	(pat.) Basic kit with standard arm, corner drive fulcrum, tilt-first function	3001.6				1								1		
5	(pat.) Basic kit with short arm, corner drive fulcrum, tilt-first function	3001.7		1												
5	Supplementary arm, tilt-first function	3101.800					1								1	
5	(pat.) RH hinge kit for RIBANTA 4	3000.731	1													
5	(pat.) Left transformation kit for RIBANTA 4	3000.732														
5	(pat.) RH hinge kit for RIBANTA 4	3000.733														
5	(pat.) Kit of LH hinges for RIBANTA 4	3000.734														
5	Non-handed hinge Kit for RIBANTA 4	3000.739	1													
5	Non-handed hinge Kit for internally flush profiles for RIBANTA 4	3000.740														
5	LH transformation hinge pivot for tilt and turn	3000.742														
5	Non-handed hinge Kit for RIBANTA 4, for internally flush profiles with 4 mm teeth.	3000.745														
1	Mounting jig	3001.950		1					1							
1	Mounting jig	3100.950				1									1	
40	Adjustable keeper	1243.721													2	
40	Locking piece	3000.800							1							
5	Kit for vertical supplementary locking points	3000.820		1		1		1		1		1			1	
40	Locking piece	3100.821													1	
5	(patented) Clamp in hinge kit for casement alongside RIBANTA 4	3000.830	2													
50	(pat.) Two-wing hinge	1121														
50	(pat.) Two-wing hinge	1121.1														
10	Lower bolt	3000.841							1						2	
20	Vertical clamp bolt	3000.850÷.854							1						2	
20	Vertical clamp bolt	3000.896														
20	Clamp-bolt	1243.830/8							1						2	
20	Clamp bolt	1545							1	1	1	1	2	2	2	
20	Clamp bolt	1545.1							1	1	1	1	2	2	2	
20	Clamp bolt	1545.2							1	1	1	1	2	2	2	
20	Clamp bolt	1545.3							1	1	1	1	2	2	2	
20	Sash stop device	1468							1	1	1	1	2	2	2	
100	Keeper	1404	1													
200	Adjustable keeper	1414														
100	Double keeper	1415														
100	Double keeper	1416.5														
40	Hinge-side supplementary closing point	1246.832								1		1			1	

# APPLICATION FIELD

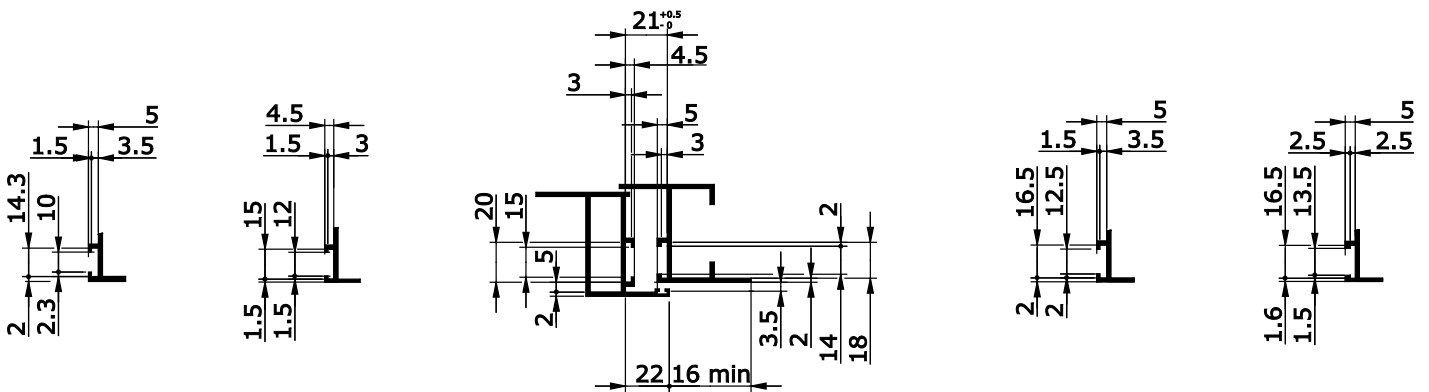
Casement max. weight 100 Kg.

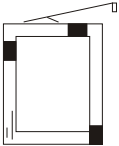
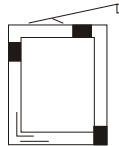

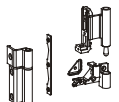

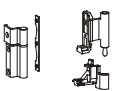

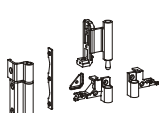
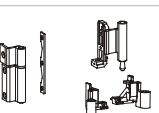

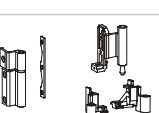


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2500	•	•	37	30	25	21	18	16	14	13	12	11	10	
2400	•	•	39	31	26	22	19	17	15	14	12	11	10	
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2200	•	•	43	34	28	24	21	19	17	15	14	13	12	
2100	•	•	46	36	30	26	22	20	18	16	14	13	12	
2000	•	•	48	38	32	27	24	21	19	17	15	14	13	
1900	•	•	•	41	34	29	25	22	20	18	16	15	14	
1800	•	•	•	43	36	31	27	23	21	19	17	16	14	
H 1700	•	•	•	46	38	33	28	25	22	20	18	16	14	
1600	•	•	•	49	41	35	30	27	24	22	19	16	14	
1500	•	•	•	•	44	38	33	29	26	23	20	16	14	
1400	•	•	•	•	48	41	35	31	28	23	20	16	14	
1300	•	•	•	•	•	44	38	34	29	24	20	16	14	
1200	•	•	•	•	•	48	42	36	29	24	20	17	13	
1100	•	•	•	•	•	•	45	36	29	24	20	15	11	
1000	•	•	•	•	•	•	46	36	29	24	17	12	8	
900	•	•	•	•	•	•	46	36	28	19	13	8	4	
800	•	•	•	•	•	•	47	34	22	14	18	3	X	
700	•	•	•	•	•	•	42	25	14	6	X	X	X	
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		L												





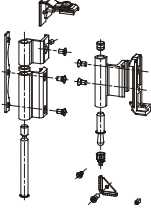

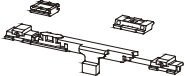
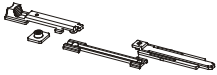




Casement max. weight 70 Kg (without supplementary screws)






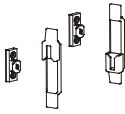
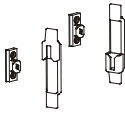
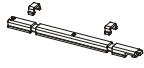
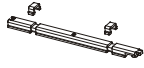
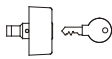

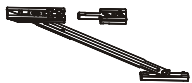
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2200	47	39	29	23	19	16	14	12	11	10	9	8	8	
2100	•	41	31	24	20	17	15	13	12	10	9	9	8	
2000	•	44	32	26	21	18	16	14	12	11	10	9	8	
1900	•	46	34	27	23	19	17	15	13	12	11	10	9	
1800	•	49	37	29	24	20	18	16	14	13	11	10	10	
H 1700	•	•	39	31	26	22	19	17	15	13	12	11	10	
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700	•	•	•	•	•	41	25	14	6	X	X	X	X	
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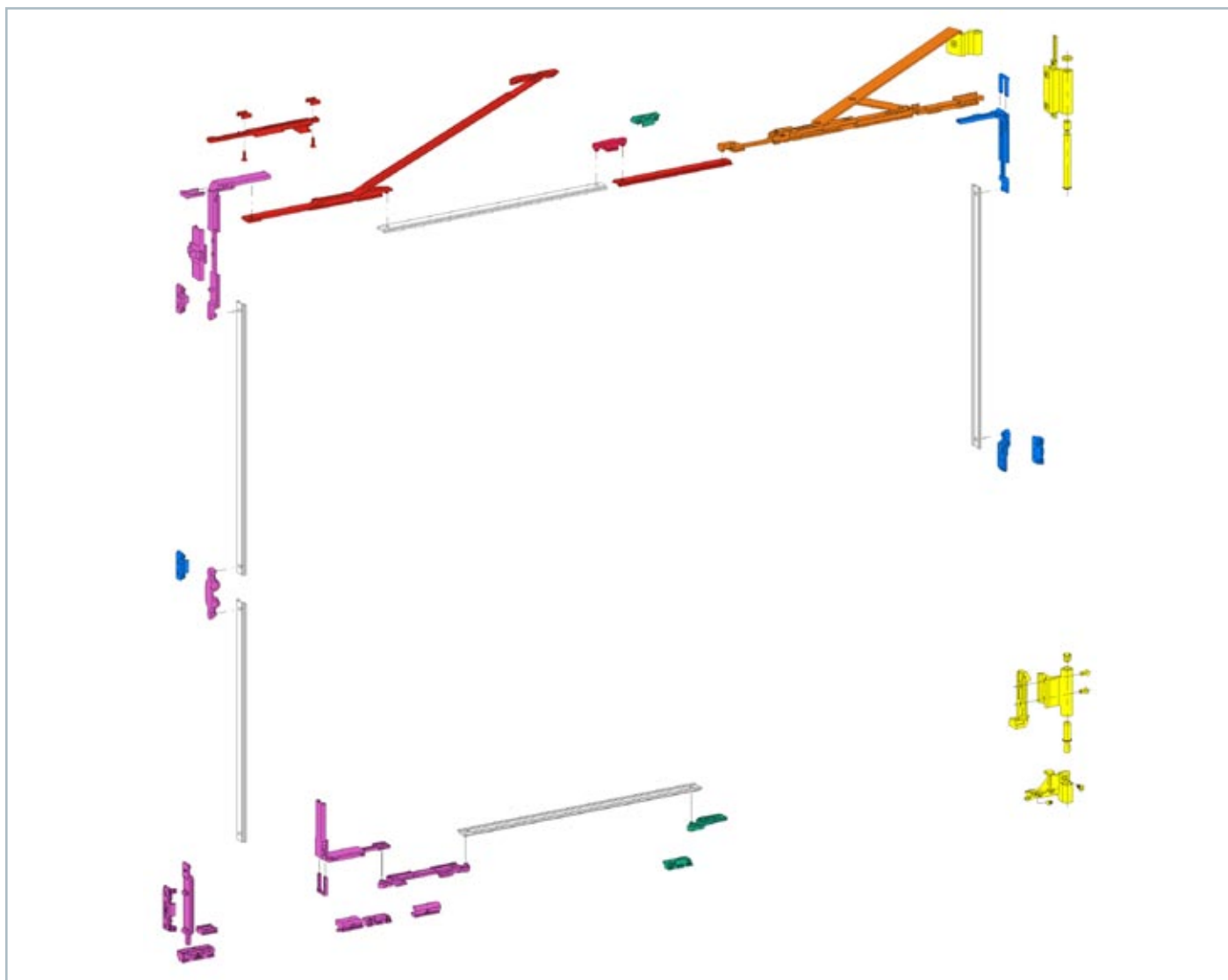
• Feasible with max. glass thickness of mm. 50  
 20: feasible with max. glass thickness indicated (ex. mm. 20)  
 X: Not feasible.  
 NOTE: glass thickness refers to the thickness of the material without air space



	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3001 RIBANTA 4</b> (patented) 4-point locking device for tilt-first function and with right vertical lateral fulcrum. Basic kit with standard arm in stainless steel 430, corner drive and locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3001.10 RIBANTA 4</b> (patented) 4-point locking device for tilt-first function and with vertical lateral fulcrum, left hand. Basic kit with standard arm in stainless steel 430, corner drive and locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3001.1 RIBANTA 4</b> Like 3001 but with short arm (5 bushings).		5
	<b>3001.11 RIBANTA 4</b> (patented) 4-point locking device for tilt-first function and with vertical lateral fulcrum, left hand. Basic kit with short arm in stainless steel 430, corner drive and locking points in black galvanized zamak, 5 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3001.6 RIBANTA 4</b> (patented) 4-point locking device for tilt-first function and with corner drive fulcrum. Basic kit with standard arm in stainless steel 304, corner drive and locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3001.7 RIBANTA 4</b> Like 3001.6 but with short arm (5 bushings).		5
	<b>3101.800</b> Supplementary arm tilt-first function in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3000.731</b> (patented) Kit of RH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304. Casement max. weight 100 Kg.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3000.732</b> (patented) Transformation kit in zamak, for RIBANTA 4 LH version.	1013, 1015, 8019, 9001, 9005, 9010, BL10, BR801, C, GR217, GR606, HL, RD501, SILV, WT005	5
	<b>3000.733</b> (patented) Kit of RH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304 (for internally flush profiles). Casement max. weight 70 Kg.	1013, 1015, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3000.734</b> (patented) Kit of LH hinges in zamak and aluminium, 1 countersunk head screw M5x8, 4 countersunk oval head screws M5x10, 1 countersunk head screw M5x16 and 1 countersunk head screw Ø 3,9x13 in stainless steel 304.	9005, 9010, C, SILV	5
	<b>3000.739</b> Non-handed hinge Kit for RIBANTA 4. Casement max. weight 100 Kg.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.740</b> Non-handed hinge Kit for internally flush profiles. Casement max. weight 70 Kg.	1013, 1015, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.742</b> LH transformation hinge pivot for tilt and turn, for art. 3000.6/7.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3000.745</b> Non-handed hinge Kit for RIBANTA 4, for internally flush profiles with 4 mm teeth. Weight capacity: 70 Kg.	1013, 9005, 9010, BL10, BR5, C, GR51, HL, PVD H, PVD X, SILV	5
	<b>3001.950</b> Accessories mounting jig on fixed frame, for RIBANTA 4 codes 3001/1 - 3041.2/.22/.3.		1
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/7 - 3001.6/7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1

	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.800</b> Locking piece (only for tilt and turn + semi-fixed casement), alternative to the upper bolt.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3000.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTATRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304. To be used with art. 3000.739.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>1121 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1035, 1247, 3003, 6002, 6005, 7016, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>1121.1 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1247, 3003, 6002, 6005, 7016, 7032, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, GREY, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10



## 222 RIBANTA 4 RESTYLING

for Euro-grooves profiles and NC International

**TILT AND TURN GEARING**



Pieces needed for realizing a window/door, following L and H dimensions

PCS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	700	1401	800	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	
				350		495		570		1201		1401		
				569		1200		1200		1400		1500		
5	Not preassembled short arm for turn-first function	3040.752												
20	Not preassembled short arm for turn-first function	3040.772	1											
5	Preassembled standard arm for turn-first function	3040.750												
20	Preassembled standard arm for turn-first function	3040.770								1				
5	Not preassembled standard arm for turn-first function	3000.751											1	
20	Not preassembled standard arm for turn-first function	3000.771			1								1	
5	Supplementary arm for turn-first function	3150.800											1	
5	(pat.) Basic kit with corner drive fulcrum for turn-first function	3150												
20	(pat.) Basic kit with corner drive fulcrum for turn-first function	3150.20								1				
5	(pat.) Basic kit with vertical fulcrum for turn-first function	3150.2												
20	(pat.) Basic kit with vertical fulcrum for turn-first function	3150.22								1				
5	(pat.) RH clamp in hinge kit for RIBANTA 4	3040.701												
20	(pat.) RH clamp in hinge kit for RIBANTA 4	3040.721												
5	(pat.) LH clamp in hinge kit for RIBANTA 4	3040.734												
5	(pat.) RH clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.703												
5	(pat.) Non-handed clamp in hinge kit for RIBANTA 4	3040.709												
20	(pat.) Non-handed clamp in hinge kit for RIBANTA 4	3040.729												
5	(pat.) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.710												
20	(pat.) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.730								1				
5	(pat.) Non-handed clamp in hinge kit with 4 mm tooth for RIBANTA 4 (for internally flush profiles)	3040.745												
5	LH transformation hinge pivot for tilt and turn	3000.742												
1	Mounting jig	3100.950											1	
1	Mounting jig	3100.951								1				
40	Adjustable keeper	1243.721												2
5	Kit for vertical supplementary locking points	3000.820		1		1		1		1			1	
40	Locking piece	3100.821											1	
50	(pat.) Two-wing hinge	1121												
50	(pat.) Two-wing hinge	1121.1												1
5	(patented) Clamp in hinge kit for casement alongside RIBANTA 4	3000.830												
10	Lower bolt	3000.841												1
20	Vertical clamp bolt	3000.850÷.854												2
20	Vertical clamp bolt	3000.896												2
20	Clamp-bolt	1243.830/8												1
20	Clamp bolt	1545												2
20	Clamp bolt	1545.1												2
20	Clamp bolt	1545.2												2
20	Clamp bolt	1545.3												2
20	Sash stop device	1468												2
100	Keeper	1404												
200	Adjustable keeper	1414												
100	Double keeper	1415												2
100	Double keeper	1416.5												
40	Hinge-side supplementary closing point	1246.832												1

# APPLICATION FIELD

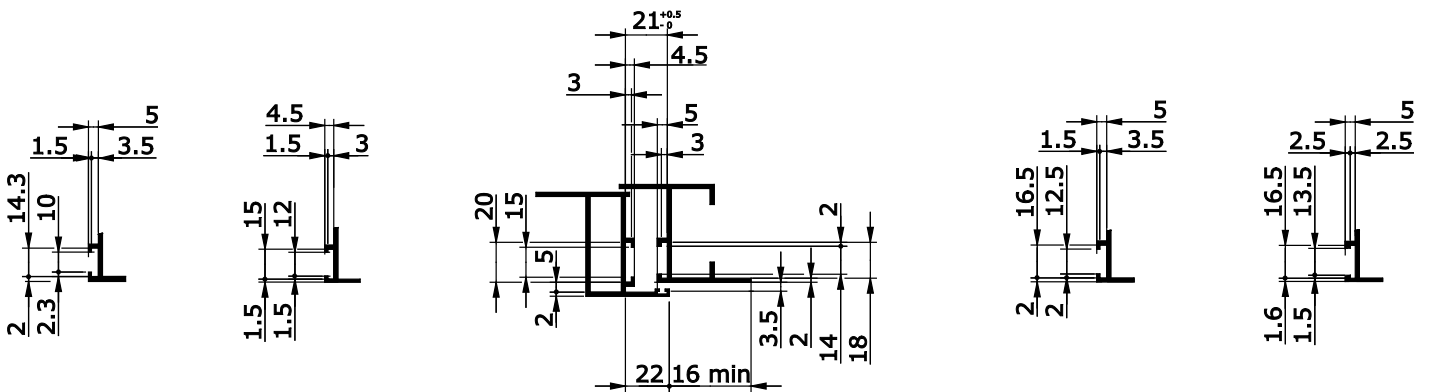
Casement max. weight 100 Kg.

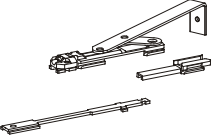

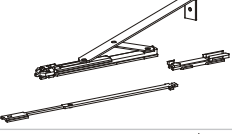
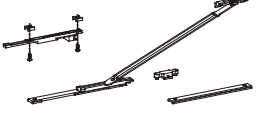
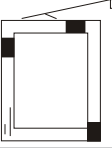
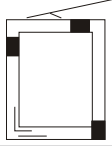
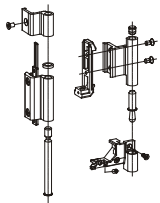
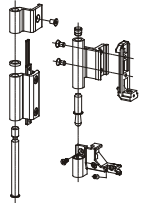
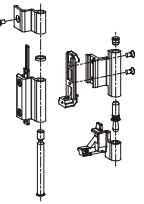
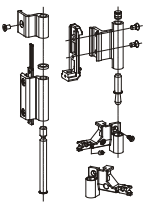
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H 1700	•	•	•	46	38	33	28	25	22	20	18	16	14	
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1400	•	•	•	•	48	41	35	31	28	23	20	16	14	
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900	•	•	•	•	•	•	46	36	28	19	13	8	4	
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700	•	•	•	•	•	•	42	25	14	6	X	X	X	
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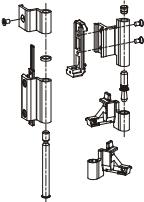
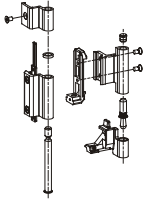






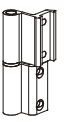
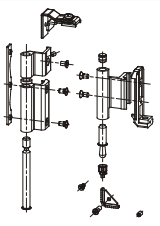
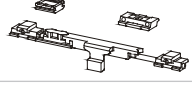
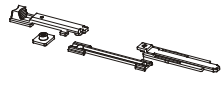
Casement max. weight 70 Kg (without supplementary screws)

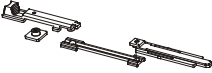

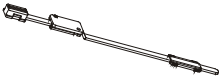
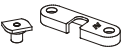






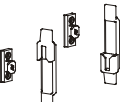

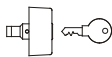

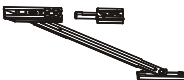
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700	•	•	•	•	•	•	41	25	14	6	X	X	X	
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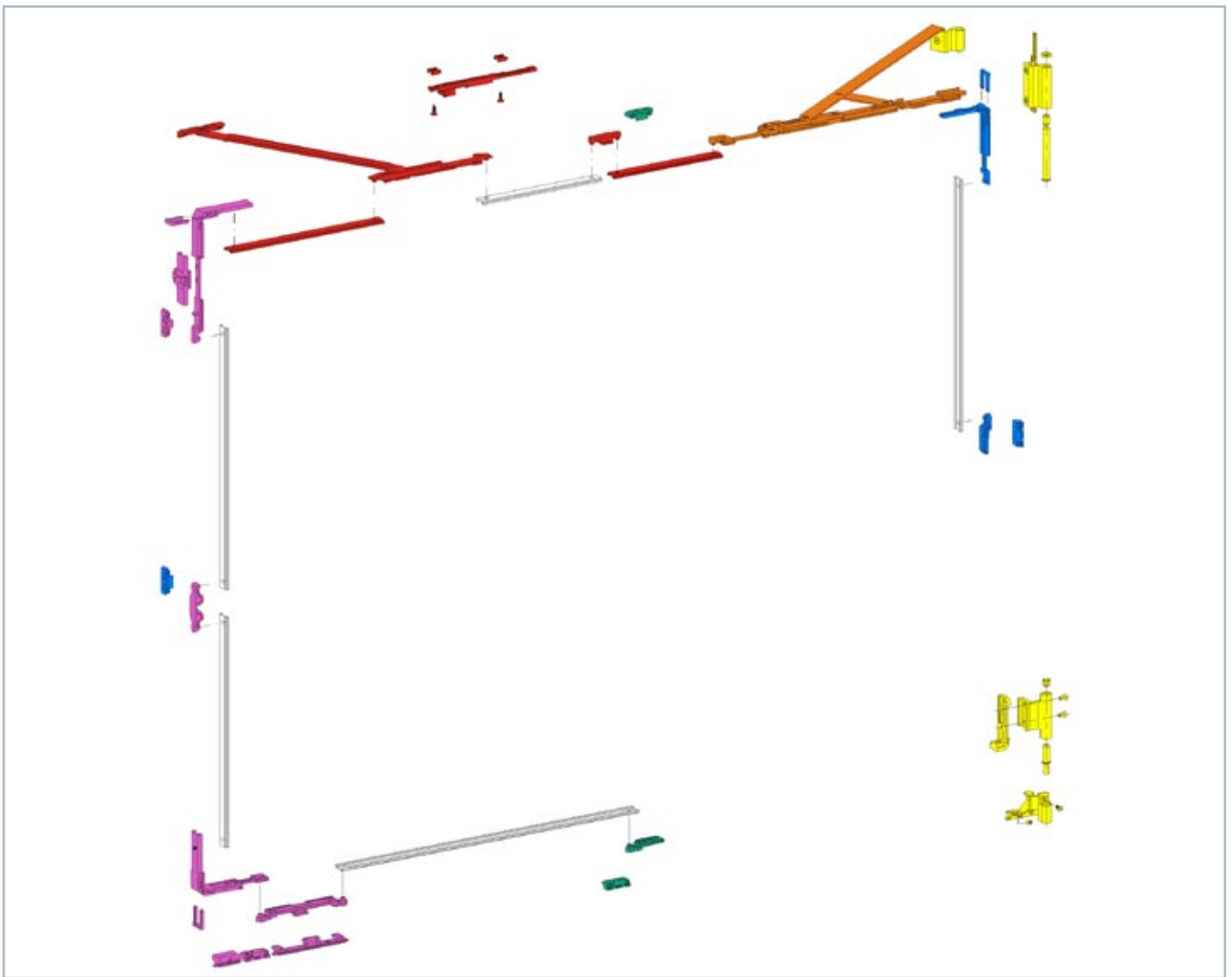
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 46: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible.  
 NOTE: glass thickness refers to the thickness of the material without air space



	DESCRIPTION Basic kit (4 locking points)	FINISHING	PCS.
	<b>3040.752</b> RIBANTA 4 Not preassembled short arm for turn-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3040.772</b> RIBANTA 4 Like 3040.752 but 20 pcs. pack.		20
	<b>3040.750</b> RIBANTA 4 Preassembled standard arm for turn-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3040.770</b> RIBANTA 4 Like 3040.750 but 20 pcs. pack.		20
	<b>3000.751</b> RIBANTA 4 Not preassembled standard arm for turn-first function, in stainless steel 304, not-galvanized zamak, aluminium rod, rod-connection locking piece in black galvanized zamak, screws in stainless steel 304.		5
	<b>3000.771</b> RIBANTA 4 Like 3000.751 but 20 pcs. pack.		20
	<b>3150.800</b> Supplementary arm for turn-first function, in stainless steel 304, black galvanized zamak and black nylon, preanodized aluminium rod, 2 cap screws Ø 4,2x13 in stainless steel 304.		5
	<b>3150</b> (patented) Basic kit for turn-first function, corner drive fulcrum and adjustable locking points in black galvanized zamak, 8 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3150.20</b> Like 3150 but 20 pcs. pack.		20
	<b>3150.2</b> (patented) Basic kit for turn-first function, vertical fulcrum and adjustable locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3150.22</b> Like 3150.2 but 20 pcs. pack.		20
	<b>3040.701</b> (patented) RH clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3040.721</b> Like 3040.701 but 20 pcs. pack.	1013, 9005, 9010	20
	<b>3040.734</b> (patented) LH clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	9005, 9010, C, SILV	5
	<b>3040.703</b> (patented) RH clamp in hinge kit for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 1015, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3040.709</b> (patented) Non-handed clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	1013, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3040.729</b> Like 3040.709 but 20 pcs. pack.	1013, 9005, 9010	20

	DESCRIPTION Basic kit (4 locking points)	FINISHING	PCS.
	<b>3040.710</b> (patented) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 1015, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3040.730</b> Like 3040.710 but 20 pcs. pack.	1013, 9005, 9010	20
	<b>3040.745</b> (pat.) Non-handed clamp in hinge kit with 4 mm tooth, for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 9005, 9010, BL10, HL	5
	<b>3000.742</b> LH transformation hinge pivot for tilt and turn, for art. 3000.6/.7.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/.7 - 3001.6/.7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	<b>3100.951</b> Accessories mounting jig on fixed frame, for art. 3000.4/.5 - 3100.2/.3 - 3150.2/.22.		1
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1121 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1035, 1247, 3003, 6002, 6005, 7016, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>1121.1 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1247, 3003, 6002, 6005, 7016, 7032, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, GREY, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>3000.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTA-TRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304. To be used with art. 3000.739.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3000.852</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10



228 **RIBANTA 4 RESTYLING**

for Euro-grooves profiles and NC International

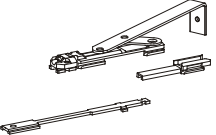

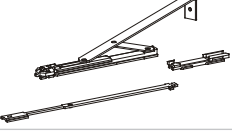

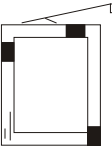
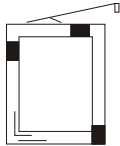
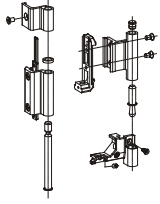
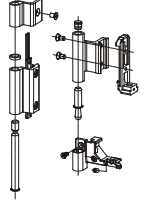
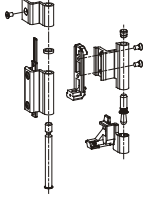
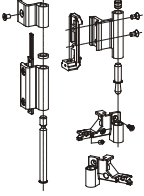
**TILT FIRST GEARING**

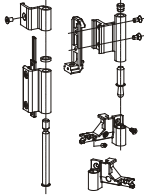
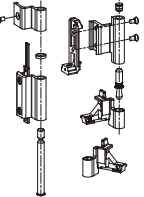
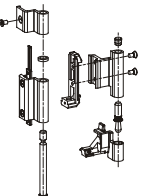







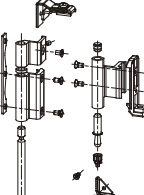
Pieces needed for realizing a window/door, following L and H dimensions

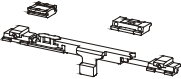
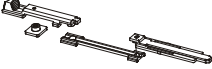

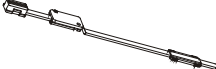







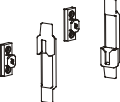
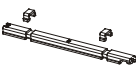
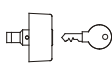
PCS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	700	1401	800	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	1400	2800	1400	2800	
				350		495		570		1201		1401		
				569		1200		1200		1400		1500		
5	Not preassembled short arm for tilt-first function	3041.752												
20	Not preassembled short arm for tilt-first function	3041.772												
5	Preassembled standard arm for tilt-first function	3041.750												
20	Preassembled standard arm for tilt-first function	3041.770												
5	Not preassembled standard arm for tilt-first function	3001.751												
20	Not preassembled standard arm for tilt-first function	3001.771												
5	Supplementary arm for tilt-first function	3151.800												
5	(pat.) Basic kit with corner drive fulcrum for tilt-first function	3151												
20	(pat.) Basic kit with corner drive fulcrum for tilt-first function	3151.20												
5	(pat.) Basic kit for RIBANTA 4 with RH vertical lateral fulcrum, tilt-first function	3041.2												
20	(pat.) Basic kit for RIBANTA 4 with RH vertical lateral fulcrum, tilt-first function	3041.22												
5	(pat.) Basic kit for RIBANTA 4 with LH vertical lateral fulcrum, tilt-first function	3041.3												
5	(pat.) RH clamp in hinge kit for RIBANTA 4	3040.701												
20	(pat.) RH clamp in hinge kit for RIBANTA 4	3040.721												
5	(pat.) LH clamp in hinge kit for RIBANTA 4	3040.734												
5	(pat.) RH clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.703												
5	(pat.) Non-handed clamp in hinge kit for RIBANTA 4	3040.709												
20	(pat.) Non-handed clamp in hinge kit for RIBANTA 4	3040.729												
5	(pat.) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.710												
20	(pat.) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles)	3040.730												
5	(pat.) Non-handed clamp in hinge kit with 4 mm tooth for RIBANTA 4 (for internally flush profiles)	3040.745												
5	LH transformation hinge pivot for tilt and turn	3000.742												
1	Mounting jig	3100.950												
1	Mounting jig	3001.950												
40	Adjustable keeper	1243.721												
5	Kit for vertical supplementary locking points	3000.820												
40	Locking piece	3100.821												
50	(pat.) Two-wing hinge	1121												
50	(pat.) Two-wing hinge	1121.1												
5	(patented) Clamp in hinge kit for casement alongside RIBANTA 4	3000.830												
10	Lower bolt	3000.841												
20	Vertical clamp bolt	3000.850÷.854												
20	Vertical clamp bolt	3000.896												
20	Clamp-bolt	1243.830/8												
20	Clamp bolt	1545												
20	Clamp bolt	1545.1												
20	Clamp bolt	1545.2												
20	Clamp bolt	1545.3												
20	Sash stop device	1468												
100	Keeper	1404												
200	Adjustable keeper	1414												
100	Double keeper	1415												
100	Double keeper	1416.5												
40	Hinge-side supplementary closing point	1246.832												







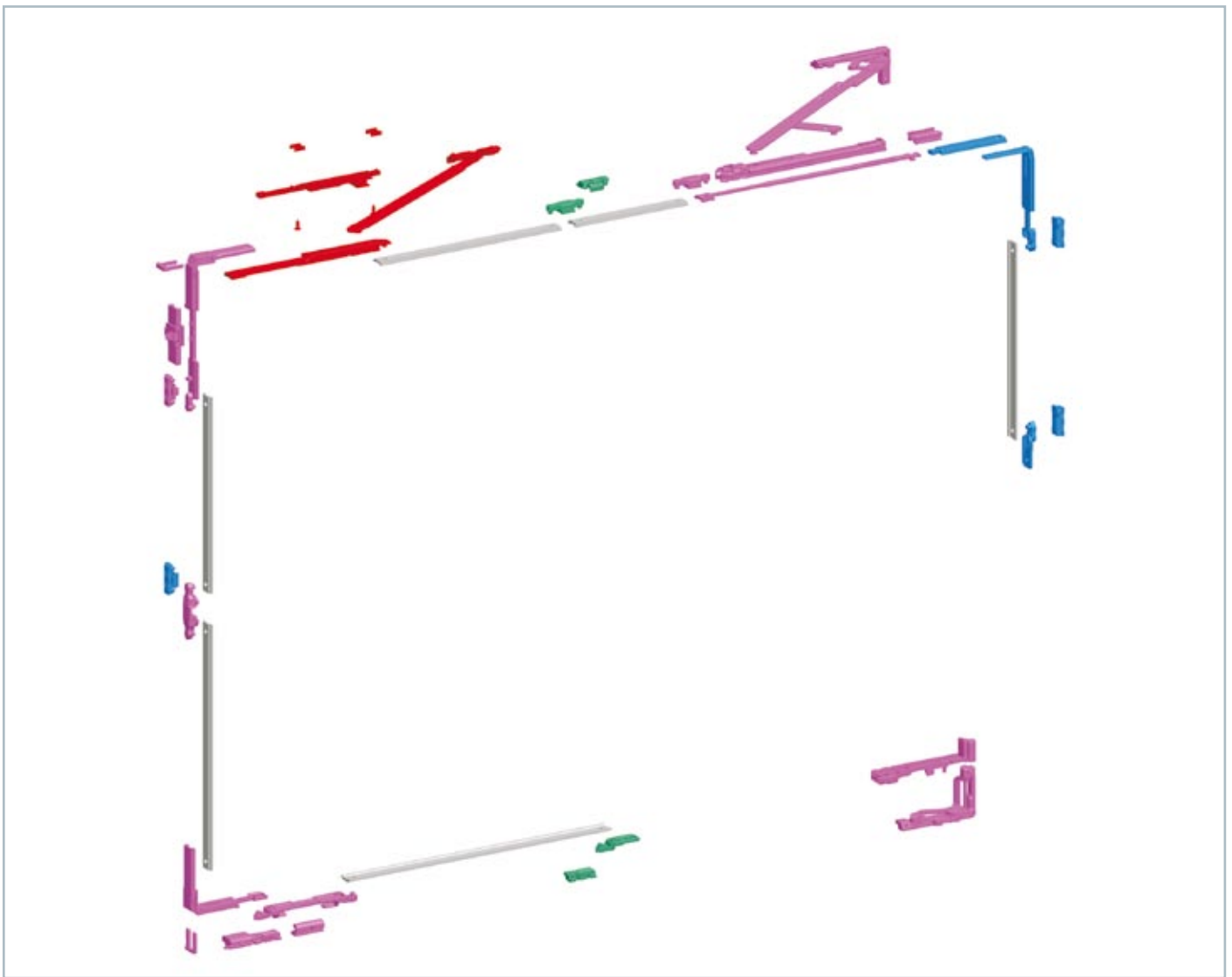
	DESCRIPTION Basic kit (4 locking points)	FINISHING	PCS.
	<b>3041.752</b> RIBANTA 4 Not preassembled short arm for tilt-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3041.772</b> RIBANTA 4 Like 3041.752 but 20 pcs. pack.		20
	<b>3041.750</b> RIBANTA 4 Preassembled standard arm for tilt-first function, in stainless steel 304, black galvanized zamak, preanodized aluminium rod, screws in stainless steel 304.		5
	<b>3041.770</b> RIBANTA 4 Like 3041.750 but 20 pcs. pack.		20
	<b>3001.751</b> RIBANTA 4 Not preassembled standard arm for tilt-first function, in stainless steel 304, not-galvanized zamak, aluminium rod, rod-connection locking piece in black galvanized zamak, screws in stainless steel 304.		5
	<b>3001.771</b> RIBANTA 4 Like 3001.751 but 20 pcs. pack.		20
	<b>3151.800</b> Supplementary arm for tilt-first function, in stainless steel 304, black galvanized zamak and black nylon, 2 preanodized aluminium rods, 2 cap screws Ø 4,2x13 in stainless steel 304.		5
	<b>3151</b> (patented) Basic kit for tilt-first function, corner drive fulcrum and adjustable locking points in black galvanized zamak, 6 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3151.20</b> Like 3151 but 20 pcs. pack.		20
	<b>3041.2</b> (patented) Basic kit for RIBANTA 4 tilt-first function, RH vertical lateral fulcrum and adjustable locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3041.22</b> Like 3041.2 but 20 pcs. pack.		20
	<b>3041.3</b> (patented) Basic kit for RIBANTA 4 tilt-first function, LH vertical lateral fulcrum and adjustable locking points in black galvanized zamak, 7 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3040.701</b> (patented) RH clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV	5
	<b>3040.721</b> Like 3040.701 but 20 pcs. pack.	1013, 9005, 9010	20
	<b>3040.734</b> (patented) LH clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	9005, 9010, C, SILV	5
	<b>3040.703</b> (patented) RH clamp in hinge kit for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 1015, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3040.709</b> (patented) Non-handed clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	1013, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5

	DESCRIPTION Basic kit (4 locking points)	FINISHING	PCS.
	<b>3040.729</b> (patented) Non-handed clamp in hinge kit for RIBANTA 4, in zamak and aluminium, preassembled counterplates in stainless steel 304 and stainless steel 430, 1 countersunk head screw Ø 3.9x13, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x6 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 and 1 preassembled countersunk head screws M5x16 in stainless steel 304 with unscrewing painting protection. Casement max weight of 100 Kg (70 Kg without supplementary screws included).	1013, 9005, 9010	20
	<b>3040.710</b> (patented) Non-handed clamp in hinge kit for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 1015, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005	5
	<b>3040.730</b> Like 3040.710 but 20 pcs. pack.	1013, 9005, 9010	20
	<b>3040.745</b> (pat.) Non-handed clamp in hinge kit with 4 mm tooth, for RIBANTA 4 (for internally flush profiles), in zamak and aluminium, preassembled counterplate in stainless steel 304, 1 countersunk head screw M5x8, 2 countersunk oval head screws M5x10, 1 preassembled grub screw M5x12 and 1 preassembled grub screw M5x5 in stainless steel 304, 2 preassembled countersunk oval head screws M5x10 in stainless steel 304 with unscrewing painting protection. Casement max weight of 70 Kg.	1013, 9005, 9010, BL10, HL	5
	<b>3000.742</b> LH transformation hinge pivot for tilt and turn, for art. 3000.6/.7.	1013, 1015, 7035, 8019, 9001, 9005, 9010, 9016, BL10, BR5, BR801, C, GR217, GR606, HL, SILV	5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/.7 - 3001.6/.7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	<b>3001.950</b> Accessories mounting jig on fixed frame, for RIBANTA 4 codes 3001/.1 - 3041.2/.22/.3.		1
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 2 nylon bushings Ø 6-Ø 8 mm, screws in stainless steel 304.		5
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1121 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1035, 1247, 3003, 6002, 6005, 7016, 7035, 7047, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>1121.1 MORSA+</b> (patented) Two-wing aluminium hinge, nylon bushing, pin, counterplates and 4 pre-assembled countersunk oval head screws M5x10 in stainless steel 430. Weight capacity: 2 hinges 80 Kg, 3 hinges 90 Kg (PVD H, PVD X, XSD=pack. 20 pcs.).	1013, 1015, 1247, 3003, 6002, 6005, 7016, 7032, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, F, GR217, GR50, GR51, GR606, GREY, HL, NE, PVD H, PVD X, RD501, SILV, U, WT005, XSD, ZE	50
	<b>3000.830</b> (patented) Clamp in hinge kit for casement alongside RIBANTA-TRE in zamak, aluminium and stainless steel 430, 2 countersunk head screws M5x8, 4 countersunk head screws M5x12, 2 countersunk head screws M5x16 and 4 countersunk head screws Ø 4,2x13 in stainless steel 304. To be used with art. 3000.739.	1013, 1015, 1247, 6005, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, RD501, SILV, WT005	5

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20
	<b>1545.2 SERRO</b> Like 1545.		20
	<b>1545.3 SERRO</b> Like 1545.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.2</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x8 in galvanized steel and 2 M5x12 in stainless steel 304.		10





236

## RIBANTA INCANTO

for Euro-grooves profiles and NC International

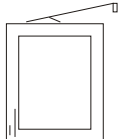






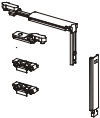
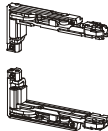

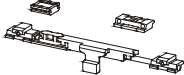
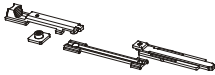

TILT AND TURN GEARING









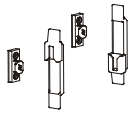
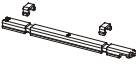
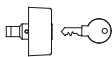


Pieces needed for realizing a window/door, following L and H dimensions

PCS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	1401	
				450		621		1301		1401	
				620		1300		1400		1700	
5	(pat.) Basic kit with standard arm and right concealed hinges for turn-first function	3010									
5	(pat.) Basic kit with standard arm and left concealed hinges for turn-first function	3010.1									
5	(pat.) Basic kit with short arm and right concealed hinges for turn-first function	3010.3									
5	(pat.) Basic kit with short arm and left concealed hinges for turn-first function	3010.4	1								
5	Supplementary arm for turn-first function	3100.800								1	
1	Mounting jig	3100.950								1	
1	Positioning jig	3010.950								1	
40	Locking piece	3100.821									1
5	Locking piece	1243.710									1
40	Adjustable keeper	1243.721									2
5	Kit for vertical supplementary locking points	3010.820			1		1			1	
5	(pat.) Kit of concealed hinges for leaf alongside RIBANTA INCANTO	3020									1
40	Hinge-side supplementary closing point	1246.832									1
10	Lower bolt	3000.841									1
20	Vertical clamp bolt	3000.850÷.854									
20	Vertical clamp bolt	3000.896									
20	Clamp bolt	1545									
20	Clamp bolt	1545.1									
20	Clamp bolt	1545.2									
20	Clamp bolt	1545.3									
20	Clamp-bolt	1243.830/8									
20	Sash stop device	1468									
100	Keeper	1404									
200	Adjustable keeper	1414									
100	Double keeper	1415									2
100	Double keeper	1416.5									2

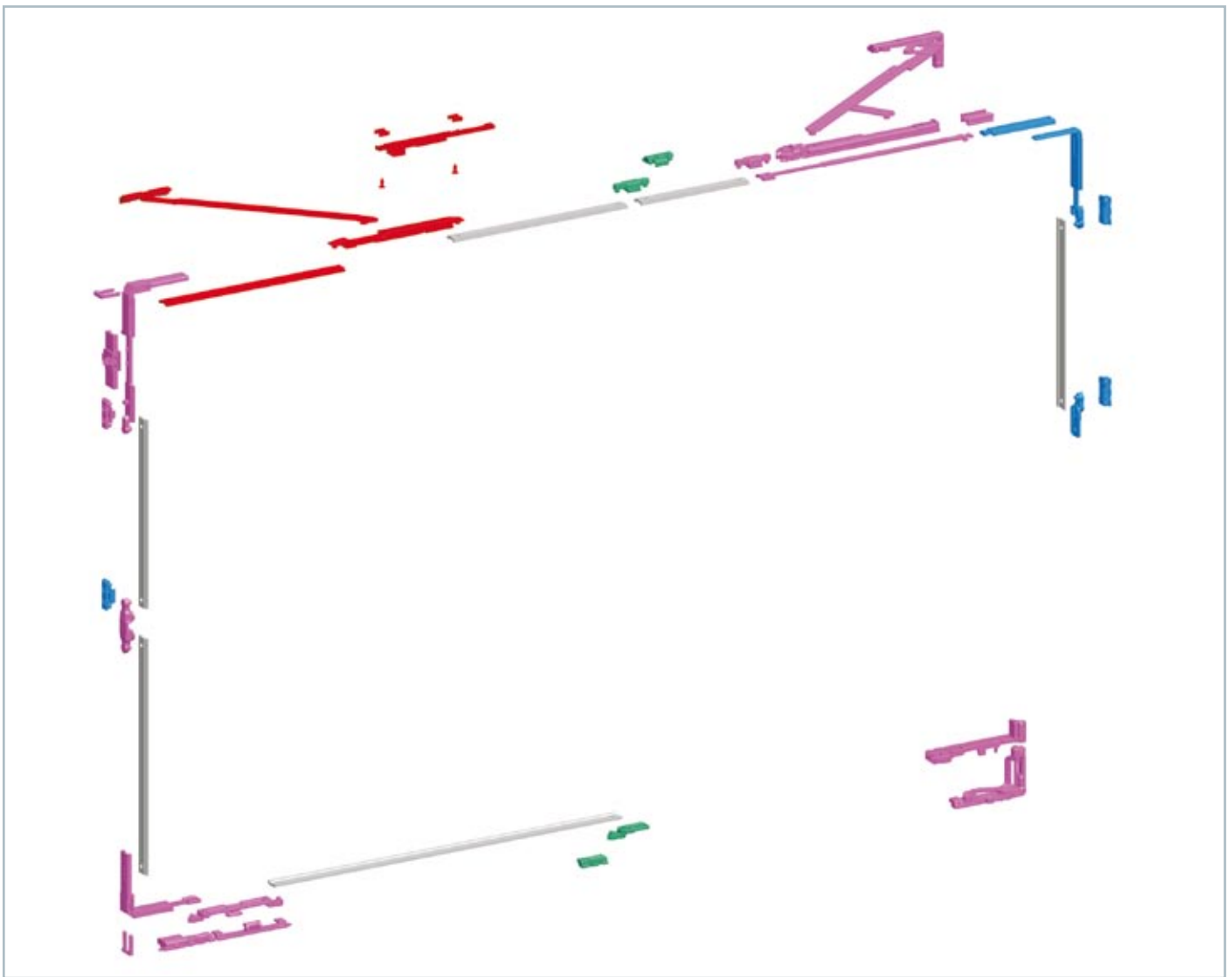




	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3010 RIBANTA INCANTO</b> (pat.) 4-point locking device for turn-first function, corner drive fulcrum. Basic kit with standard arm in galvanized steel, RH concealed hinges made in black galvanized zamak and high resistance white galvanized steel, corner drive and locking points in black galvanized zamak, 9 nylon bushings Ø 6-8 mm, screws in stainless steel AISI 304.		5
	<b>3010.1 RIBANTA INCANTO</b> Like 3010 but with left hinge.		5
	<b>3010.3 RIBANTA INCANTO</b> (pat.) 4-point locking device for turn-first function, corner drive fulcrum. Basic kit with short arm in galvanized steel, RH concealed hinges made in black galvanized zamak and high resistance white galvanized steel, corner drive and locking points in black galvanized zamak, 7 nylon bushings Ø 6-8 mm, screws in stainless steel AISI 304.		5
	<b>3010.4 RIBANTA INCANTO</b> Like 3010.3 but with left hinge.		5
	<b>3100.800</b> Supplementary arm in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/.7 - 3001.6/.7 - 3010/.1/.3/.4 - 3011/.1/.3/.4 - 3100/.1 - 3101/.1 - 3150/.20 - 3151/.20.		1
	<b>3010.950</b> Bottom hinge positioning jig for art. 3010/.1/.3/.4 - 3011/.1/.3/.4, made of nylon with preassembled magnets.		1
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.710</b> Locking piece in black galvanized zamak, 1 polyurethane cap.		5
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3010.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 6 preassembled grub screws M5x12 in stainless steel 304		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3020</b> (patented) Concealed hinges kit for RIBANTA INCANTO secondary casement in zamak and high resistance white galvanized steel. Casement max weight of 80 Kg.		5
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1545.2</b> SERRO Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.3</b> SERRO Like 1545.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7</b> MONO Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490</b> BLOCAL Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.4</b> Damping-effect opening limiter arm stay in black galvanized zamak, polyurethane and stainless steel 304, 2 grub screws M5x8 and 2 pre-assembled grub screws M5x12 in stainless steel 304.		10





242 **RIBANTA INCANTO**

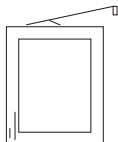






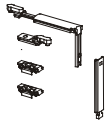
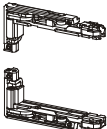

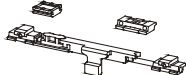
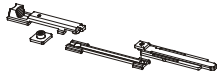

for Euro-grooves profiles and NC International









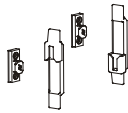
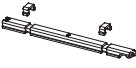
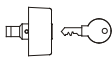


**TILT FIRST GEARING**

Pieces needed for realizing a window/door, following L and H dimensions

PCS	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	1401	Secondary casement
			L	1400	2800	1400	2800	1400	2800	2800	
				450		621		1301		1401	
				620		1300		1400		1700	
5	(pat.) Basic kit with standard arm and right concealed hinges, for tilt-first function	3011									
5	(pat.) Basic kit with standard arm and leaf concealed hinges, for tilt-first function	3011.1									
5	(pat.) Basic kit with short arm and right concealed hinges, for tilt-first function	3011.3									
5	(pat.) Basic kit with short arm and left concealed hinges, for tilt-first function	3011.4									
5	Supplementary arm, tilt-first function	3101.800								1	
1	Mounting jig	3100.950									
1	Positioning jig	3010.950									
40	Locking piece	3100.821									1
5	Locking piece	1243.710									1
40	Adjustable keeper	1243.721									2
5	Kit for vertical supplementary locking points	3010.820			1		1			1	
5	(pat.) Kit of concealed hinges for leaf alongside RIBANTA INCANTO	3020									1
40	Hinge-side supplementary closing point	1246.832									1
10	Lower bolt	3000.841									1
20	Vertical clamp bolt	3000.850+.854									
20	Vertical clamp bolt	3000.896									
20	Clamp bolt	1545									
20	Clamp bolt	1545.1									
20	Clamp bolt	1545.2									
20	Clamp bolt	1545.3									
20	Clamp-bolt	1243.830/8									
20	Sash stop device	1468									
100	Keeper	1404									
200	Adjustable keeper	1414									
100	Double keeper	1415									2
100	Double keeper	1416.5									2

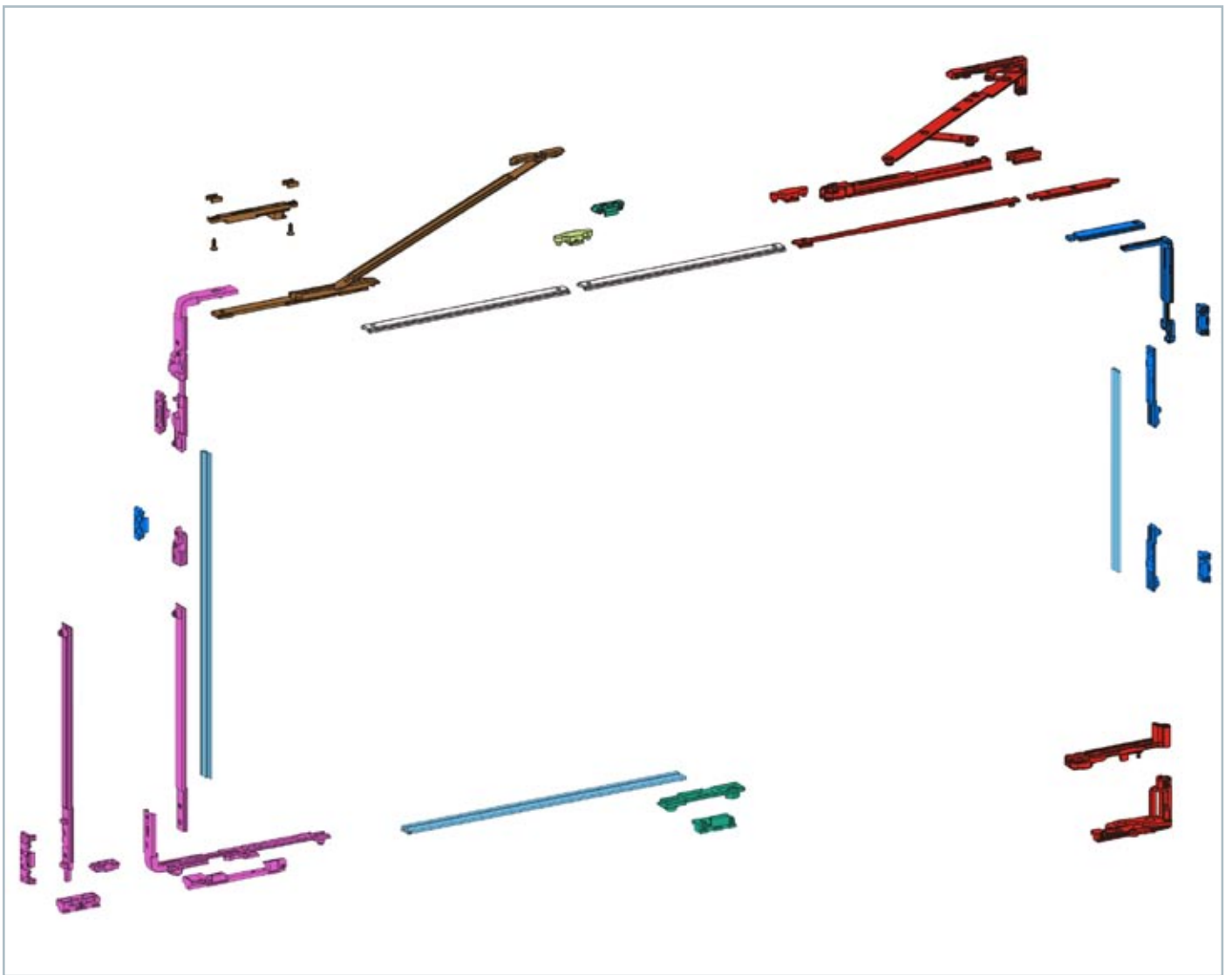


	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3011 RIBANTA INCANTO</b> (pat.) 4-point locking device for tilt-first function, corner drive fulcrum. Basic kit with standard arm in galvanized steel, RH concealed hinges made in black galvanized zamak and high resistance white galvanized steel, corner drive and locking points in black galvanized zamak, 9 nylon bushings Ø 6-8 mm, screws in stainless steel AISI 304.		5
	<b>3011.1 RIBANTA INCANTO</b> Like 3011 but with left hinge.		5
	<b>3011.3 RIBANTA INCANTO</b> (pat.) 4-point locking device for tilt and first manoeuvre, corner drive fulcrum. Basic kit with short arm in galvanized steel, RH concealed hinges made in black galvanized zamak and high resistance white galvanized steel, corner drive and locking points in black galvanized zamak, 7 nylon bushings Ø 6-8 mm, screws in stainless steel AISI 304.		5
	<b>3011.4 RIBANTA INCANTO</b> Like 3011.3 but with left hinge.		5
	<b>3101.800</b> Supplementary arm tilt-first function in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3100.950</b> Accessories mounting jig on fixed frame, for art. 3000.6/7 - 3001.6/7 - 3010/1/3/4 - 3011/1/3/4 - 3100/1 - 3101/1 - 3150/20 - 3151/20.		1
	<b>3010.950</b> Bottom hinge positioning jig for art. 3010/1/3/4 - 3011/1/3/4, made of nylon with preassembled magnets.		1
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>3100.821</b> Locking piece in black galvanized zamak, 1 cup in low density polyethylene (LDPE), 1 bushing Ø 6-Ø 8 mm.		40
	<b>1243.710</b> Locking piece in black galvanized zamak, 1 polyurethane cap.		5
	<b>1243.721</b> Adjustable keeper in black galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3010.820</b> Kit for vertical supplementary locking points in black galvanized zamak, 6 preassembled grub screws M5x12 in stainless steel 304		5
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3020</b> (patented) Concealed hinges kit for RIBANTA INCANTO secondary casement in zamak and high resistance white galvanized steel. Casement max weight of 80 Kg.		5
	<b>1246.832</b> Hinge-side supplementary closing point in black galvanized zamak, 3 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3000.841</b> Lower bolt with keeper and support in stainless steel, nylon and black galvanized zamak, screws in stainless steel 304.		10
	<b>3000.850</b> Clamp bolt in black nylon and galvanized steel, stroke-end block in zamak, 1 pre-assembled grub screw M5x6 in stainless steel 304. For groove 15x20 mm.		20
	<b>3000.851</b> Like 3000.850 but for groove 14X19,5 mm.		20
	<b>3000.852</b> Like 3000.850 but for groove 13,5X16,5 mm.		20
	<b>3000.853</b> Like 3000.850 but for groove 14X18 mm.		20
	<b>3000.854</b> Like 3000.853 but for groove 15x20 mm.		20
	<b>3000.896</b> Like 3000.850 but for groove 13,2x16,7 mm.		20
	<b>1545 SERRO</b> Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.1 SERRO</b> Like 1545.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1545.2</b> SERRO Clamp bolt 31.5 cm for semi-fixed casement, third casement and secondary casement (travel 22 mm) in black galvanized zamak, stainless steel 430 and nylon, 1 nylon stop block, 2 pre-assembled grub screws M5x6 in stainless steel.		20
	<b>1545.3</b> SERRO Like 1545.		20
	<b>1243.830/8</b> Clamp-bolt in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1468</b> Sash stop device in black galvanized zamak and nylon, 2 cap screws 4,2x19 in galvanized steel.		20
	<b>1404</b> Keeper in black galvanized zamak, wing nut and 1 pre-assembled countersunk head screw M5x10 in stainless steel 304.		100
	<b>1414</b> Adjustable keeper in black galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1415</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x10 in galvanized steel.		100
	<b>1416.5</b> Double keeper in black galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7</b> MONO Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1246.835</b> Non-handed anti-burglar device for grooves 13,5x16,5 and 14x18, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1246.838</b> Non-handed anti-burglar device for grooves 10x14,3, 12x15 and 12,5x16,5, in black galvanized zamak, 2 countersunk head screws M5x18 in stainless steel 304 (self-forming), 2 nylon bushings Ø 6-Ø 8 mm.		40
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490</b> BLOCAL Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1243.704</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1343.4</b> Damping-effect opening limiter arm stay in black galvanized zamak, polyurethane and stainless steel 304, 2 grub screws M5x8 and 2 pre-assembled grub screws M5x12 in stainless steel 304.		10







248 **RIBANTA INCANTO+**


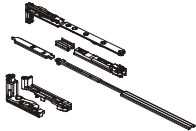
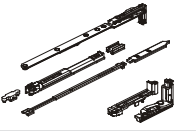

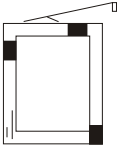
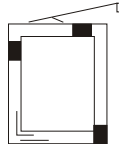




for Euro-grooves profiles and NC International



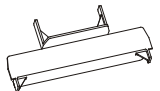
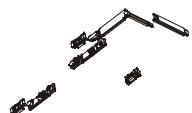




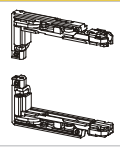
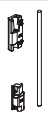

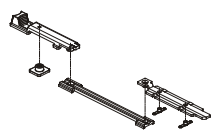

**TILT AND TURN GEARING**





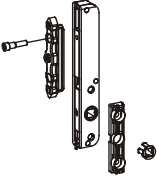




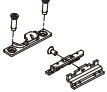
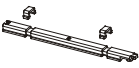
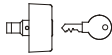

Pieces needed for realizing a window/door, following L and H dimensions

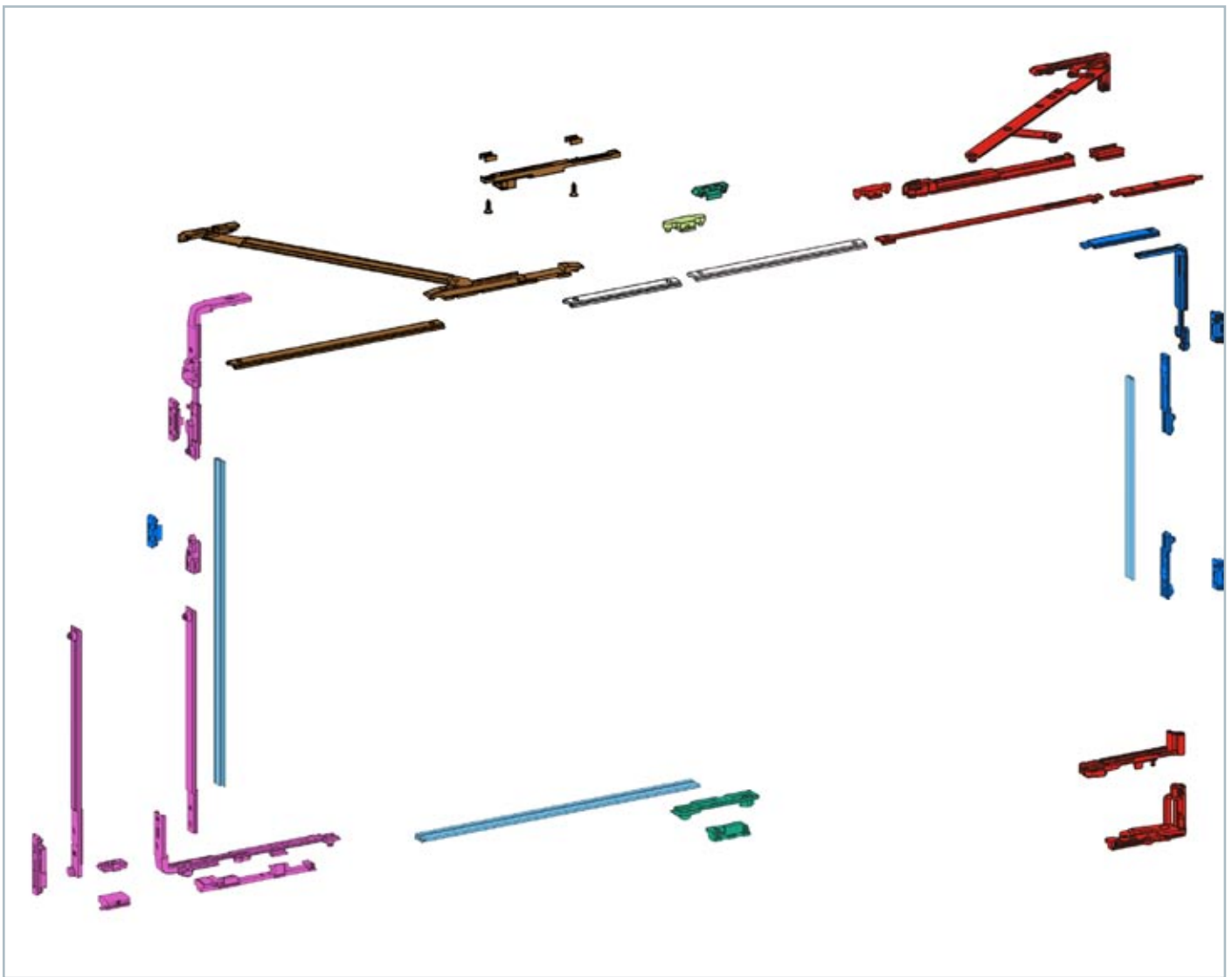
PCS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	1401	Secondary casement
			L	450	613	614	1300	1301	1400	1401	
5	Kit with short arm and right concealed hinges for turn-first function	3010.730									
5	Kit with short arm and left concealed hinges for turn-first function	3010.731									
5	Kit with standard arm and right concealed hinges for turn-first function	3010.732									
5	Kit with standard arm and left concealed hinges for turn-first function	3010.733									
5	(pat.) Basic kit with left vertical fulcrum for turn-first function (without support and hinge pivot)	3200.5L									
5	(pat.) Basic kit with right vertical fulcrum for turn-first function (without support and hinge pivot)	3200.5R									
20	(pat.) Basic kit with left vertical fulcrum for turn-first function	3200.20L									
20	(pat.) Basic kit with right vertical fulcrum for turn-first function	3200.20R									
5	(pat.) Left horizontal fulcrum Kit, turn-first function (without support and hinge pivot)	3200.6L									
5	(pat.) Right horizontal fulcrum Kit, turn-first function (without support and hinge pivot)	3200.6R									
20	(pat.) Right horizontal fulcrum Kit, turn-first function	3200.22L									
20	(pat.) Left vertical fulcrum Kit, turn-first function	3200.22R									
5	Supplementary arm for turn-first function	3100.800									
5	LH reinforcement kit 130 Kg	3010.708L									
5	RH reinforcement kit 130 Kg	3010.708R									
5	Left kit for 6 closing points	3010.822L									
5	RH kit for 6 closing points	3010.822R									
5	(pat.) Left Kit for 8 closing points	3200.825L									
5	(pat.) Right Kit for 8 closing points	3200.825R									
40	Locking piece	1243.710W									
5	(pat.) Kit of concealed hinges for leaf alongside RIBANTA INCANTO+	3020W									
5	LH reinforcement kit 130 Kg	3010.708L									
5	RH reinforcement kit 130 Kg	3010.708R									
20	Vertical clamp bolt	3200.850+.854									
20	Vertical clamp bolt	3200.896									
20	(pat.) Lever bolt	1551.6									
200	Adjustable Keeper	1414W									
200	Adjustable Keeper	1414.1W									
100	Double keeper	1416.5W									
40	Hinge-side supplementary closing point	1246.832W									



	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3010.730 RIBANTA INCANTO+</b> Kit for turn-first function with short arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3010.731 RIBANTA INCANTO+</b> Kit for turn-first function with short arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3010.732 RIBANTA INCANTO+</b> Kit for turn-first function with standard arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3010.733 RIBANTA INCANTO+</b> Kit for turn-first function with standard arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3200.5L RIBANTA 5 (patented)</b> Left vertical fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).		5
	<b>3200.5R RIBANTA 5</b> Like 3200.5L but RH version.		5
	<b>3200.20L RIBANTA 5 (patented)</b> Left vertical fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3200.20R RIBANTA 5</b> Like 3200.20L but right hand.		20
	<b>3200.6L RIBANTA 5 (patented)</b> Left horizontal fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).		5
	<b>3200.6R RIBANTA 5</b> Like 3200.6L but RH version.		5
	<b>3200.22L RIBANTA 5 (patented)</b> Left horizontal fulcrum Kit, turn-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3200.22R RIBANTA 5</b> Like 3200.22L but right hand.		20
	<b>3100.800</b> Supplementary arm in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3010.708L</b> LH reinforcement kit 130 Kg with supports in white galvanized zamak, top end and preassembled grub screws in stainless steel.		5
	<b>3010.708R</b> RH reinforcement kit 130 Kg with supports in white galvanized zamak, top end and preassembled grub screws in stainless steel.		5
	<b>3205/25 (patented)</b> 250 mm transmission rod in silver pre-oxidized extruded aluminum.		100
	<b>3205/40</b> Like 3205/25 but of 400 mm.		100
	<b>3205/60</b> Like 3205/25 but of 600 mm.		100
	<b>3205/80</b> Like 3205/25 but of 800 mm.		100
	<b>3205/100</b> Like 3205/25 but of 1000 mm.		100
	<b>3205/120</b> Like 3205/25 but of 1200 mm.		100
	<b>3205/140</b> Like 3205/25 but of 1400 mm.		100
	<b>3205/160</b> Like 3205/25 but of 1600 mm.		50

	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3205/180</b> (patented) 1800 mm transmission rod in silver pre-oxidized extruded aluminum.		50
	<b>3205/200</b> Like 3205/25 but of 2000 mm.		50
	<b>3205/220</b> Like 3205/25 but of 2200 mm.		50
	<b>3205/300</b> Like 3205/25 but of 3000 mm.		50
	<b>3010.950</b> Bottom hinge positioning jig for art. 3010/.1/.3/.4 - 3011/.1/.3/.4, made of nylon with preassembled magnets.		1
	<b>3200.952</b> Accessories positioning jig in black nylon, for frame elements.		5
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>3010.822L</b> Left kit for 6 closing points in white galvanized zamak, pre-mounted screws in stainless steel.		5
	<b>3010.822R</b> Like 3010.822L but right hand.		5
	<b>3200.825L</b> (patented) Left Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.825R</b> Like 3200.825L but RH version.		5
	<b>1243.710W</b> Locking piece in white galvanized zamak, 1 polyurethane cap.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3020W</b> (patented) Concealed hinges kit for RIBANTA INCANTO secondary casement in white galvanized zamak and high resistance white galvanized steel. Casement max weight of 80 Kg.		5
	<b>3010.708L</b> LH reinforcement kit 130 Kg with supports in white galvanized zamak, top end and preassembled grub screws in stainless steel.		5
	<b>3010.708R</b> Like 3010.708L but right hand.		5
	<b>3200.850</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.		20
	<b>3200.851</b> Like 3200.850 but for groove 14x19.5 mm.		20
	<b>3200.852</b> Like 3200.850 but for groove 13,5X16,5 mm.		20
	<b>3200.853</b> Like 3200.850 but for groove 14x18 mm.		20
	<b>3200.854</b> Like 3200.850 but for groove 15x20 mm.		20
	<b>3200.896</b> Like 3200.850 but for groove 13,2x16,7 mm.		20
	<b>1551.6 REVERTO</b> (patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.		20

	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1414W</b> Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1414.1W</b> Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).		200
	<b>1416.5W</b> Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832W</b> Additional closure hinge side in white galvanized zamak, 3 pre-mounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.		40
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1210/7 MONO</b> Mono directional movement mechanism for RIBANTA 5 with 14,5 mm backset, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1243.721W</b> Adjustable keeper in white galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3200.805L</b> (patented) Left locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.		40
	<b>3200.805R</b> Like 3200.805L but right hand.		40
	<b>3200.810</b> (patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.		40
	<b>3200.835</b> Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1343.4</b> Damping-effect opening limiter arm stay in black galvanized zamak, polyurethane and stainless steel 304, 2 grub screws M5x8 and 2 pre-assembled grub screws M5x12 in stainless steel 304.		10



254 **RIBANTA INCANTO+**

for Euro-grooves profiles and NC International

**TILT FIRST GEARING**



Pieces needed for realizing a window/door, following L and H dimensions

PCS.	DESCRIPTION	Articles	H	700	1401	700	1401	700	1401	1401	Secondary casement
			L	450	613	614	1300	1301	1400	1401	
5	Kit with short arm and right concealed hinges, tilt-first function	3011.730									
5	Kit with short arm and left concealed hinges for tilt-first function	3011.731	1								
5	Kit with standard arm and right concealed hinges for tilt-first function	3011.732									
5	Kit with standard arm and left concealed hinges for tilt-first function	3011.733				1					
20	(pat.) Basic kit with left vertical lateral fulcrum for tilt-first function	3201.20L									
20	(pat.) Basic kit with right vertical lateral fulcrum for tilt-first function	3201.20R				1					
20	(pat.) Left horizontal fulcrum Kit, tilt-first function	3201.22L									
20	(pat.) Right vertical fulcrum Kit, tilt-first function	3201.22R									
5	Supplementary arm, tilt-first function	3101.800						1	1	1	
5	LH reinforcement kit 130 Kg	3010.708L									
5	RH reinforcement kit 130 Kg	3010.708R									
5	Left kit for 6 closing points	3010.822L		1		1				1	
5	RH kit for 6 closing points	3010.822R									
5	(pat.) Left Kit for 8 closing points	3200.825L									1
5	(pat.) Right Kit for 8 closing points	3200.825R									
40	Locking piece	1243.710W									1
5	(pat.) Kit of concealed hinges for leaf alongside RIBANTA INCANTO+	3020W									1
5	LH reinforcement kit 130 Kg	3010.708L									1
5	RH reinforcement kit 130 Kg	3010.708R									
20	Vertical clamp bolt	3200.850÷.854									
20	Vertical clamp bolt	3200.896									2
20	(pat.) Lever bolt	1551.6									
200	Adjustable Keeper	1414W									
200	Adjustable Keeper	1414.1W									2
100	Double keeper	1416.5W									
40	Hinge-side supplementary closing point	1246.832W									1

# APPLICATION FIELD

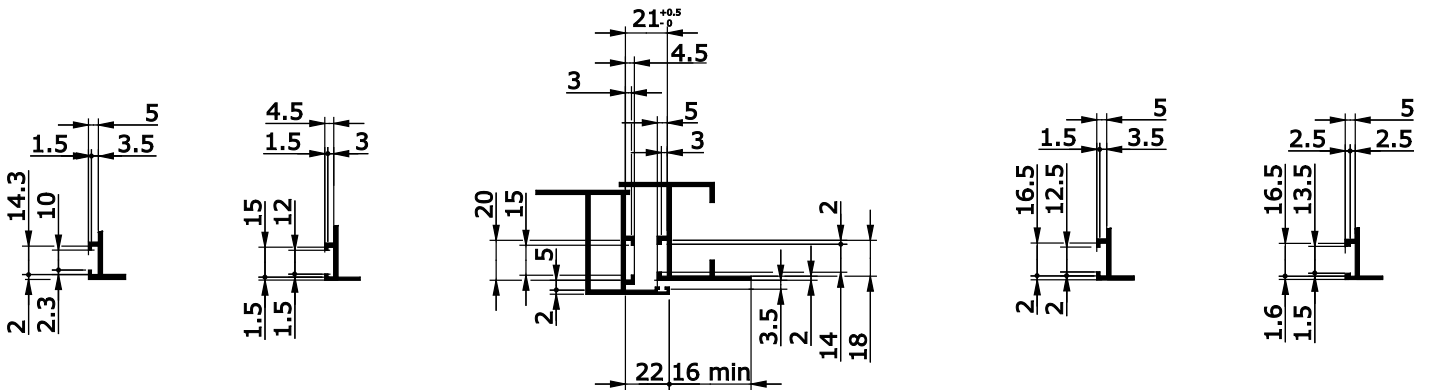
Casement max. weight 130 Kg with reinforcement kit (art. 3010.708R/L)

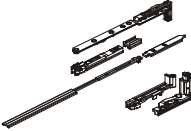
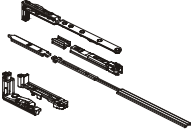

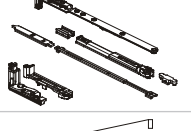
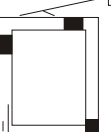
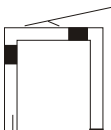





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2500	•	•	40	38	33	28	24	22	19	18	16	15	14	12	11	
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2200	•	•	46	44	38	32	28	25	22	20	19	16	14	12	11	
2100	•	•	48	47	40	34	30	26	24	21	19	16	14	12	11	
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1900	•	•	•	45	38	33	29	26	23	19	16	14	12	11		
1800	•	•	•	•	47	40	35	31	28	23	19	16	14	12	11	
1700	•	•	•	•	43	38	33	28	23	19	16	14	12	11		
1600	•	•	•	•	46	40	35	28	23	19	16	14	12	11		
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1200	•	•	•	•	•	45	35	29	24	20	16	13	10	7		
1100	•	•	•	•	•	45	36	29	24	20	15	11	7	5		
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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		
		450	500	600	614	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

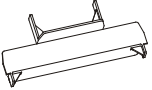





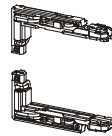
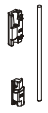

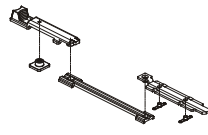





Casement max. weight 100 Kg.

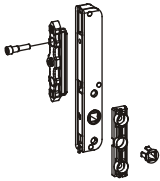




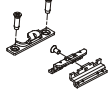
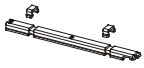
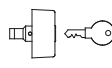

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900	•	•	•	•	•	46	36	28	19	13	8	4	X	X		
800	•	•	•	•	•	46	34	22	13	7	X	X	X	X		
700	•	•	•	•	•	41	25	14	6	X	X	X	X	X		
		450	500	600	614	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

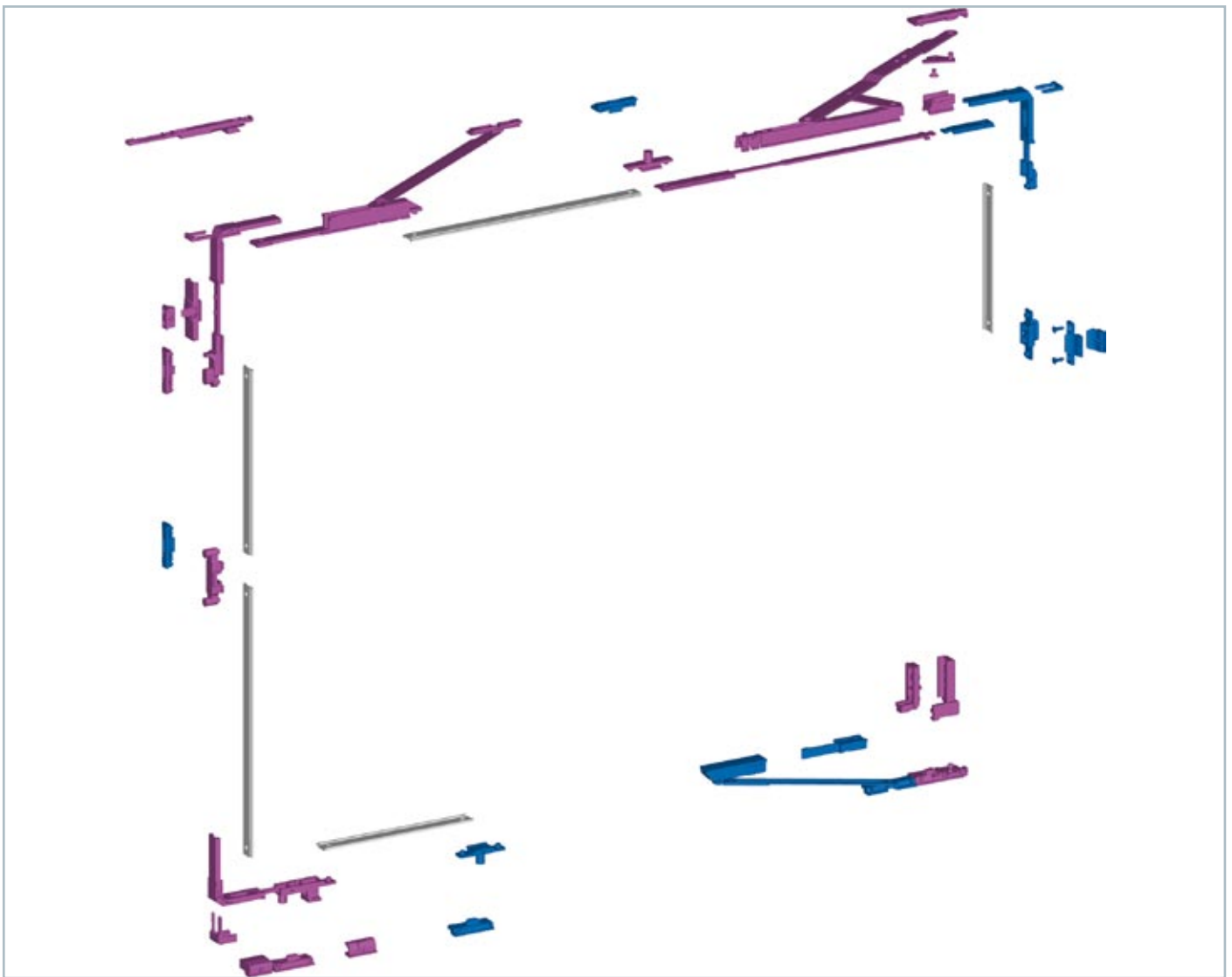
• Feasible with max. glass thickness of mm. 50  
 20: feasible with max. glass thickness indicated (ex. mm. 46)  
 X: Not feasible  
 NOTE: glass thickness refers to the thickness of the materials without air space



	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3011.730</b> RIBANTA INCANTO+ Kit for tilt-first function with short arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3011.731</b> RIBANTA INCANTO+ Kit for tilt-first function with short arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3011.732</b> RIBANTA INCANTO+ Kit for tilt-first function with standard arm in white galvanized steel, RH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3011.733</b> RIBANTA INCANTO+ Kit for tilt-first function with standard arm in white galvanized steel, LH concealed hinges made in zamak and white galvanized steel, pre-assembled grub screws in stainless steel.		5
	<b>3201.20L</b> RIBANTA 5 (patented) Left vertical lateral fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3201.20R</b> RIBANTA 5 Like 3201.20L but right hand.		20
	<b>3201.22L</b> RIBANTA 5 (patented) Left horizontal fulcrum Kit, tilt-first function, in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.		20
	<b>3201.22R</b> RIBANTA 5 Like 3201.22L but right hand.		20
	<b>3101.800</b> Supplementary arm tilt-first function in stainless steel, zamak and nylon, 2 self-tapping countersunk head screws Ø 4,2x13 in galvanized steel.		5
	<b>3010.708L</b> LH reinforcement kit 130 Kg with supports in white galvanized zamak, top end and preassembled grub screws in stainless steel.		5
	<b>3010.708R</b> Like 3010.708L but right hand.		5
	<b>3205/25</b> (patented) 250 mm transmission rod in silver pre-oxidized extruded aluminum.		100
	<b>3205/40</b> Like 3205/25 but of 400 mm.		100
	<b>3205/60</b> Like 3205/25 but of 600 mm.		100
	<b>3205/80</b> Like 3205/25 but of 800 mm.		100
	<b>3205/100</b> Like 3205/25 but of 1000 mm.		100
	<b>3205/120</b> Like 3205/25 but of 1200 mm.		100
	<b>3205/140</b> Like 3205/25 but of 1400 mm.		100
	<b>3205/160</b> Like 3205/25 but of 1600 mm.		50
	<b>3205/180</b> Like 3205/25 but of 1800 mm.		50
	<b>3205/200</b> Like 3205/25 but of 2000 mm.		50
	<b>3205/220</b> Like 3205/25 but of 2200 mm.		50
	<b>3205/300</b> Like 3205/25 but of 3000 mm.		50
	<b>3010.950</b> Bottom hinge positioning jig for art. 3010/.1/.3/.4 - 3011/.1/.3/.4, made of nylon with preassembled magnets.		1

	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>3200.952</b> Accessories positioning jig in black nylon, for frame elements.		5
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>3010.822L</b> Left kit for 6 closing points in white galvanized zamak, pre-mounted screws in stainless steel.		5
	<b>3010.822R</b> Like 3010.822L but right hand.		5
	<b>3200.825L</b> (patented) Left Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.		5
	<b>3200.825R</b> Like 3200.825L but RH version.		5
	<b>1243.710W</b> Locking piece in white galvanized zamak, 1 polyurethane cap.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>3020W</b> (patented) Concealed hinges kit for RIBANTA INCANTO secondary casement in white galvanized zamak and high resistance white galvanized steel. Casement max weight of 80 Kg.		5
	<b>3010.708L</b> LH reinforcement kit 130 Kg with supports in white galvanized zamak, top end and preassembled grub screws in stainless steel.		5
	<b>3010.708R</b> Like 3010.708L but right hand.		5
	<b>3200.850</b> Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.		20
	<b>3200.851</b> Like 3200.850 but for groove 14x19.5 mm.		20
	<b>3200.852</b> Like 3200.850 but for groove 13,5x16,5 mm.		20
	<b>3200.853</b> Like 3200.850 but for groove 14x18 mm.		20
	<b>3200.854</b> Like 3200.850 but for groove 15x20 mm.		20
	<b>3200.896</b> Like 3200.850 but for groove 13,2x16,7 mm.		20
	<b>1551.6 REVERTO</b> (patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.		20
	<b>1414W</b> Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.		200
	<b>1414.1W</b> Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).		200
	<b>1416.5W</b> Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x10 in galvanized steel.		100
	<b>1246.832W</b> Additional closure hinge side in white galvanized zamak, 3 pre-mounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.		40

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1210/7 MONO</b> Mono directional movement mechanism for RIBANTA 5 with 14,5 mm backset, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1243.721W</b> Adjustable keeper in white galvanized zamak, 2 preassembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.		40
	<b>3200.805L</b> (patented) Left locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.		40
	<b>3200.805R</b> Like 3200.805L but right hand.		40
	<b>3200.810</b> (patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.		40
	<b>3200.835</b> Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.		20
	<b>1541.800</b> Extension part in black nylon for art. 1541/.6/.7 and art. 3000.850/.851/.852/.853/.854.		50
	<b>1541.801</b> Extension part in black nylon for art. 1541.1/3000.852.		50
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1343.4</b> Damping-effect opening limiter arm stay in black galvanized zamak, polyurethane and stainless steel 304, 2 grub screws M5x8 and 2 pre-assembled grub screws M5x12 in stainless steel 304.		10



260

## RIBANTATRE

for profiles with clearance 31.5 mm

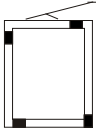
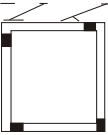
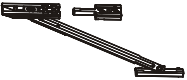





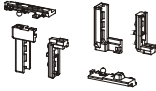



TURN FIRST GEARING




Pieces needed for realizing a window/door L and H dimensions.

PCS.	DESCRIPTION	Articles	H	600 1400	1401 2400	600 1400	1401 2400	1401 2400	Secondary casement
			L	500 1200	1201 1400	1401 1700			
5	(pat.) R.h. basic kit with standard arm	1247.7							
5	(pat.) L.h. basic kit with standard arm	1247.8							
5	(pat.) R.h. basic kit with standard and supplementary arm	1247.9							
5	(pat.) L.h. basic kit with supplementary and standard arm	1247.10							
10	Damping-effect opening restrictor arm	1343.1				1			1
10	Upper corner drive	1246.728			1			1	
40	Locking piece	1246.741							1
40	Adjustable keeper	1246.743			1		1	3	
40	Hinge-side supplementary closing point	1246.834							
40	Hinge-side supplementary closing point	1246.840			1			1	1
5	(pat.) Clamp in hinge kit for secondary casement	1247.703							1
100	Inox grub screw	1247.702		2	4	2		4	
20	Clamp in bolt	1246.827							2
100	Double keeper	1246.828							2

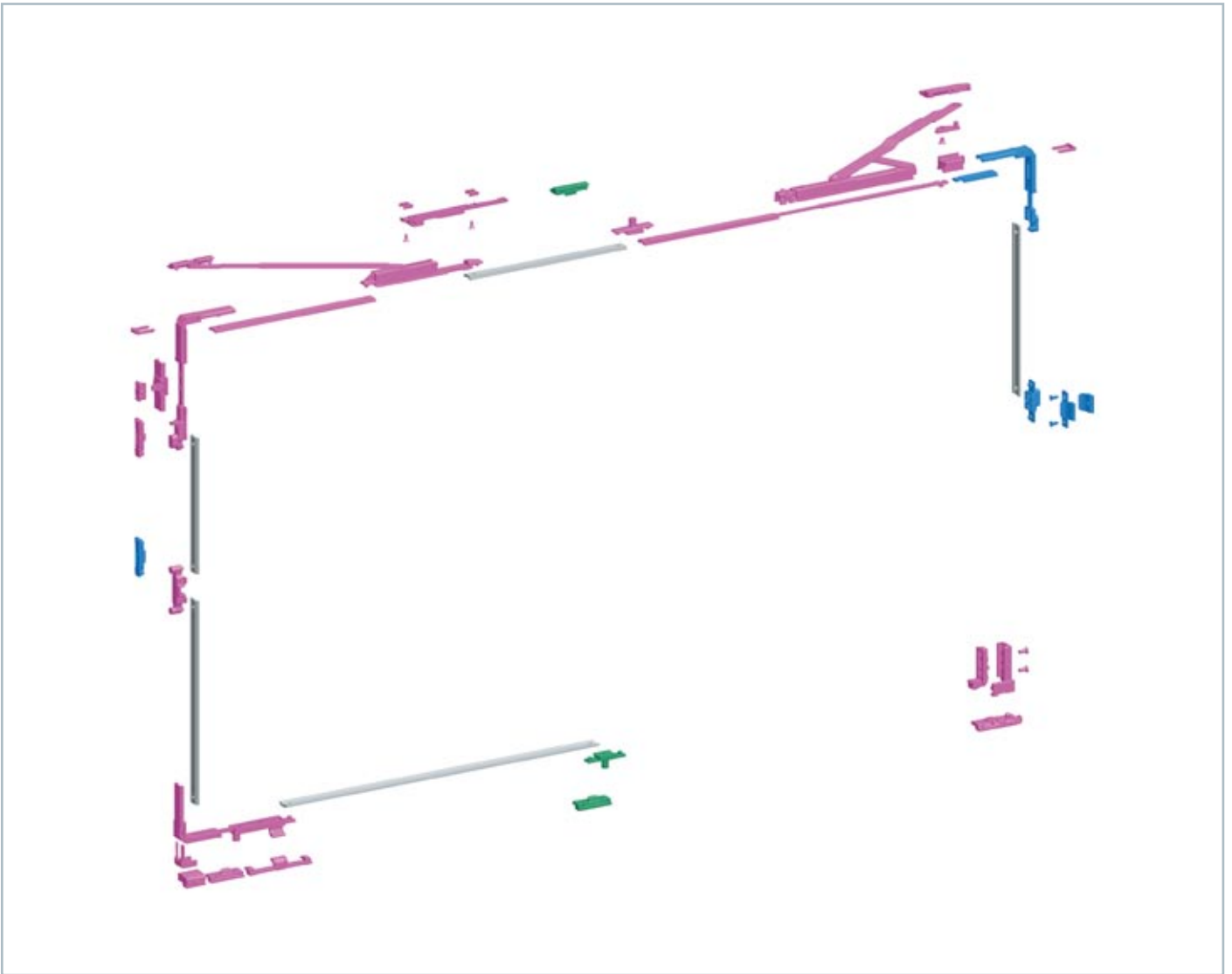




	DESCRIPTION Basic Kit (4 locking points)	FINISHING	PCS.
	<b>1247.7</b> RIBANTATRE (patented) 4-point locking device with concealed hinges. Right hand basic kit with standard arm in stainless steel 304, hinges, corner drives and locking points in black galvanized zamak, screws in stainless steel 304.		5
	<b>1247.8</b> RIBANTATRE Like 1247.7 but LH version.		5
	<b>1247.9</b> RIBANTATRE (patented) 4-point locking device with concealed hinges. Right hand basic kit with standard arm and supplementary arm in stainless steel 304, hinges, corner drives and locking points in black galvanized zamak, screws in stainless steel 304.		5
	<b>1247.10</b> RIBANTATRE Like 1247.9 but LH version.		5
	<b>1343.1</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x10 and M5x12, pre-assembled, in stainless steel 304.		10
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1246.728</b> Upper corner drive in black galvanized zamak.		10
	<b>1246.741</b> Locking piece in black galvanized zamack, 1 polyurethane cap.		40
	<b>1246.743</b> Adjustable keeper in black galvanized zamak, 2 grub screws M5x12 and 1 countersunk head screw M4x8, pre-assembled, in stainless steel 304.		40
	<b>1246.834</b> Hinge-side supplementary closing point in black galvanized zamak, 1 polyurethane cap, 1 grub screw M5x10 and 1 grub screw M5x8 in stainless steel 304.		40
	<b>1246.840</b> Hinge-side supplementary closing point in black galvanized zamak, 1 polyurethane cap, 2 countersunk head screws Ø 4,2x13 and 1 grub screw M5x10 in stainless steel 304.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1247.703</b> (patented) Concealed clamp in hinge kit for casement alongside RIBANTATRE in black galvanized zamak, 4 countersunk head screws M5x12 and 6 pre-assembled grub screws M5x12.		5
	<b>1247.702</b> Stainless steel grub screw M5x16.		100
	<b>1246.827</b> Clamp in bolt with security-keeper function, in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1246.828</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel 304.		100

	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1246.747</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10
	<b>1247.951</b> Assembly instructions for "STOPPER PG 31.5" profiles.		1





266

## RIBANTATRE

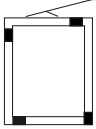
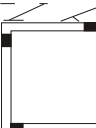
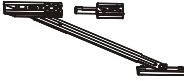





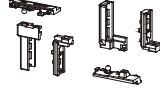

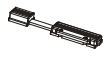


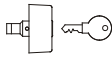

for profiles with clearance 31.5 mm

TILT FIRST GEARING

Pieces needed for realizing a window/door L and H dimensions.

PCS.	DESCRIPTION	Articles	H	600	1401	600	1401	1401	Secondary casement
			L	1400	2400	1400	2400	2400	
				500		1201		1401	
				1200		1400		1700	
5	(pat.) R.h. basic kit with standard arm and concealed hinges, tilt-first function	1247.37							
5	(pat.) L.h. basic kit with standard arm and concealed hinges, tilt-first function	1247.38		1					
5	(pat.) R.h. basic kit with standard and supplementary arm, concealed hinges, tilt-first function	1247.39				1			
5	(pat.) L.h. basic kit with standard and supplementary arm, concealed hinges, tilt-first function	1247.40							
10	Damping-effect opening restrictor arm	1343.1			1				1
10	Upper corner drive	1246.728		1				1	
40	Locking piece	1246.741						1	
40	Adjustable keeper	1246.743		1		1		3	
40	Hinge-side supplementary closing point	1246.834					1		1
40	Hinge-side supplementary closing point	1246.840		1					
5	(pat.) Clamp in hinge kit for secondary casement	1247.703							1
100	Inox grub screw	1247.702	2	4	2		4		
20	Clamp in bolt	1246.827							
100	Double keeper	1246.828							2



	DESCRIPTION Basic Kit (for 4 locking points)	FINISHING	PCS.
	<b>1247.37</b> RIBANTATRE (patented) 4-point locking device with concealed hinges, tilt-first function. Right hand basic kit with standard arm in stainless steel 304, hinges, corner drives and locking points in black galvanized zamak, screws in stainless steel 304.		5
	<b>1247.38</b> RIBANTATRE Like 1247.37 but LH version.		5
	<b>1247.39</b> RIBANTATRE (patented) 4-point locking device with concealed hinges, tilt-first function. Right hand basic kit with standard arm and supplementary arm in stainless steel 304, hinges, corner drives and locking points in black galvanized zamak, screws in stainless steel 304.		5
	<b>1247.40</b> RIBANTATRE Like 1247.39 but LH version.		5
	<b>1343.1</b> Damping-effect opening restrictor arm in zamak, nylon, polyurethane and stainless steel 304, 2 grub screws M5x10 and M5x12, pre-assembled, in stainless steel 304.		10
	DESCRIPTION Supplementary locking points	FINISHING	PCS.
	<b>1246.728</b> Upper corner drive in black galvanized zamak.		10
	<b>1246.741</b> Locking piece in black galvanized zamack, 1 polyurethane cap.		40
	<b>1246.743</b> Adjustable keeper in black galvanized zamak, 2 grub screws M5x12 and 1 countersunk head screw M4x8, pre-assembled, in stainless steel 304.		40
	<b>1246.834</b> Hinge-side supplementary closing point in black galvanized zamak, 1 polyurethane cap, 1 grub screw M5x10 and 1 grub screw M5x8 in stainless steel 304.		40
	<b>1246.840</b> Hinge-side supplementary closing point in black galvanized zamak, 1 polyurethane cap, 2 countersunk head screws Ø 4,2x13 and 1 grub screw M5x10 in stainless steel 304.		40
	DESCRIPTION Accessories for secondary casement	FINISHING	PCS.
	<b>1247.703</b> (patented) Concealed clamp in hinge kit for casement alongside RIBANTATRE in black galvanized zamak, 4 countersunk head screws M5x12 and 6 pre-assembled grub screws M5x12.		5
	<b>1247.702</b> Stainless steel grub screw M5x16.		100
	<b>1246.827</b> Clamp in bolt with security-keeper function, in black galvanized zamak and stainless steel 430, 2 pre-assembled grub screws M5x6 in stainless steel 304.		20
	<b>1246.828</b> Double keeper in black galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel 304.		100
	DESCRIPTION Complementary accessories	FINISHING	PCS.
	<b>1200/7 MONO</b> Mono directional gearbox with 8 mm backset for tilt and turn gearing, in black galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.		5
	<b>1490 BLOCAL</b> Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV	10
	<b>1246.747</b> Handle connection piece in black galvanized zamak, 2 polyurethane caps.		10