



**CATALOGUE FOR
WINDOW & DOOR
HARDWARE**

An ASSA ABLOY Group brand

ASSA ABLOY

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ASSA ABLOY IN BRIEF

ASSA ABLOY is the largest global supplier of intelligent lock and security solutions. Our products constitute one tenth of worldwide turnover share on the installed locks and security products. Since its formation in 1994, ASSA ABLOY has grown from a regional company into an international

billion RMB).

In the fast growing security segment, the Group has taken the leading position in fields of access control, identification technology, entrance automation and hotel security etc.

We operate in mature and emerging markets all over the world, with holding the leading position in much of Europe, North America and the Asia-Pacific region.

YALE BRAND INTRODUCTION

The American brand "Yale" was originated from Newport, New York in 1840, after several generations of great efforts and elaborate cultivation, Yale becomes America's most prestigious experts of locks. Yale & Towne company was founded in 1868, with 35 employees. Yale started its globalization development in the beginning of 20th century, through joint ventures, mergers and acquisitions and rapid expansion. Up to now, it has 12,000 staff.

In 2000, Yale was acquired by ASSA ABLOY, a listed company in Sweden. Combined Yale's advantage in technology and R&D with ASSA ABLOY's global marketing, "YALE" brand is soaring and has made it a well-known brand in the world. Following Yale's philosophy of "The smarter way to protect your home", Yale is dedicated to develop high end of window and door hardware.

ADVANTAGE |

Durable

Inner parts adopt non-polluted mat zinc electroplating; It has good corrosion resistance-1000 hour salt spray test (NSS) without white rust.

Exposed handle provides three kinds of surface treatment; The non-polar oxidation components would never fade; PVD electroplating that have high hardness, strong wear resistance and chemical stability; The antibacterial polyester electrostatic powder spraying satisfy the international standards JISZ2801: 2000≥2.0.

Safety

It has mishandling function; Multiple adjustable lock points; Good air tightness, water tightness, resistance to wind pressure and other capabilities.

Convenient

The hinges can realize three-dimensional direction adjustment of doors and windows; More convenient for installation.

Attractive

The style and color of the exposed handle can be selected in a variety of ways, which can be selected according to the interior design

comprehensive

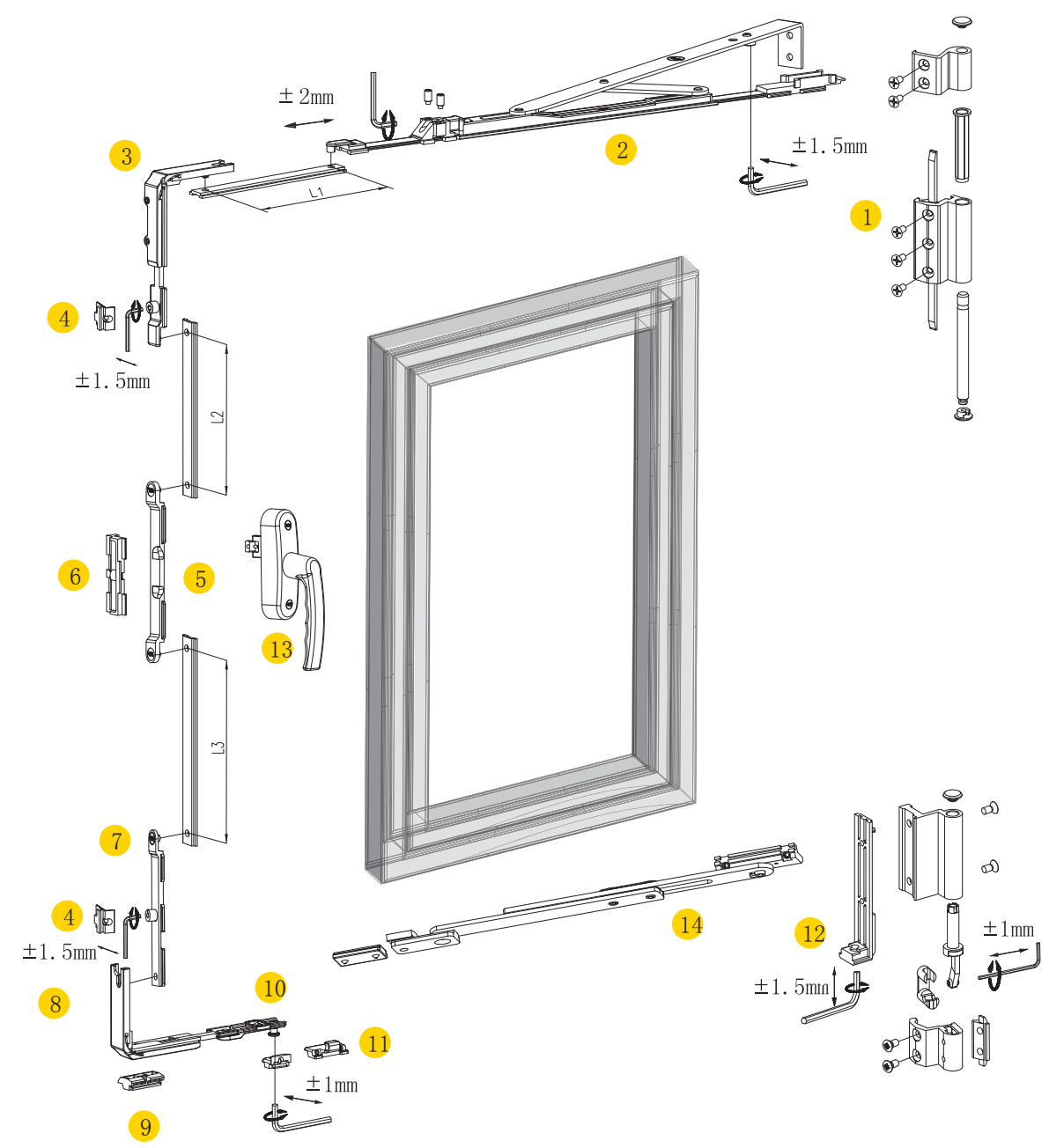
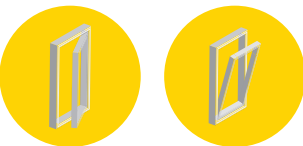
The doors and windows are fully equipped, covering the inside hardware and the exposed handle.



**HARDWARE FOR
ALUMINUM
DOOR & WINDOW**



HARDWARE FOR ALUMINUM TILT&TURN WINDOW



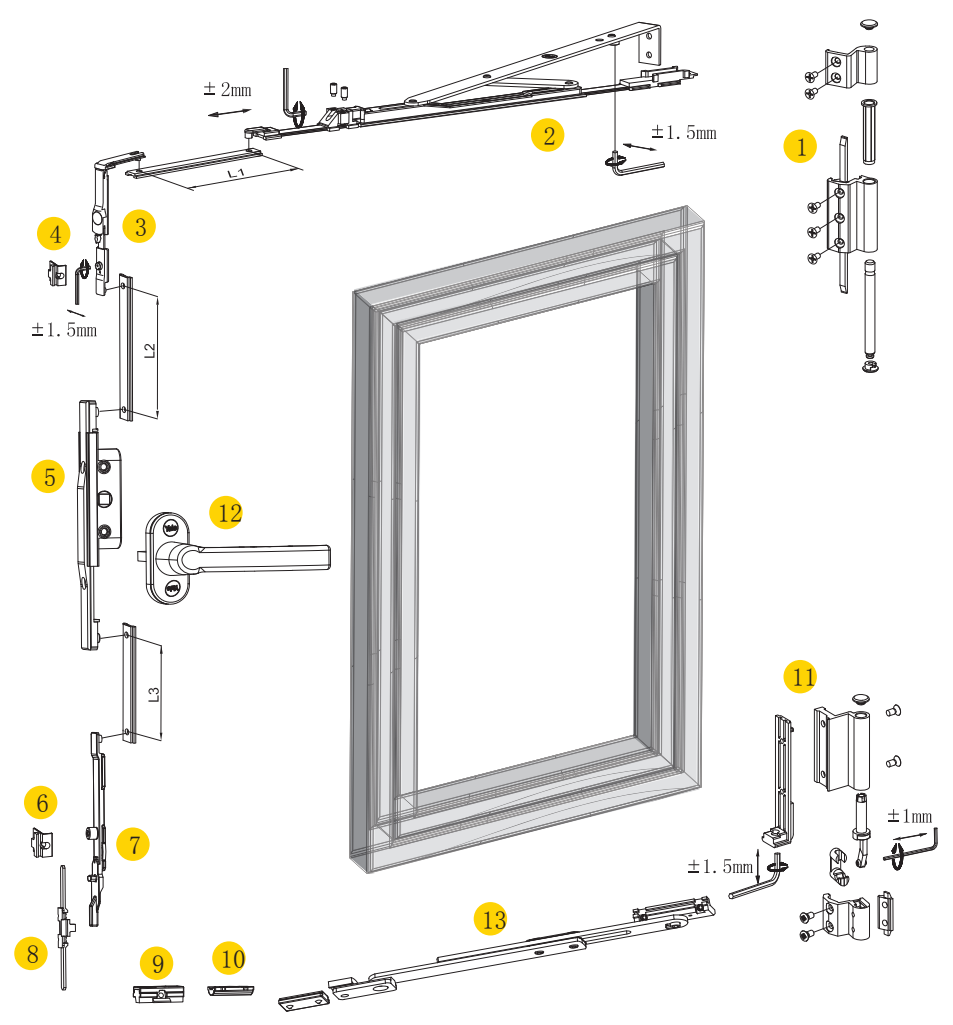
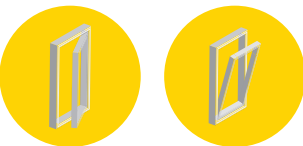
HARDWARE FOR
ALUMINUM
DOOR & WINDOW



No.	Item Name	Spec.	Item No.
1	Top Hinge Parts		YLSJ2004
2	Scissor	420-550	Y LX2001370
		520-700	Y LX2001500
		620-1200	Y LX2001600
3	Corner		YLZJ2001
4	Keeper		YLSK01
5	Drive Bar		YLG01
6	Mis-handling Device Keeper		YLDK01
7	Locking Bolt		YXK01
8	Bottom Corner		Y LXZ2001
9	Lift Support		YZSK01
10	Rotary Locking Bolt		YXK02
11	Support Cushion		YLZC01
12	Bottom Hinge Parts		Y LXJ2004
13	Handle	Optional	YBZ0322
14	Adjustable wind stay		YCD04

Suitable for aluminum window with 15x20/14x18 Euro- slot.
Available sash width FFB:420mm-1200mm and height FFH: 580mm-2400mm.

HARDWARE FOR ALUMINUM TILT&TURN WINDOW WITH SPINDLE HANDLE



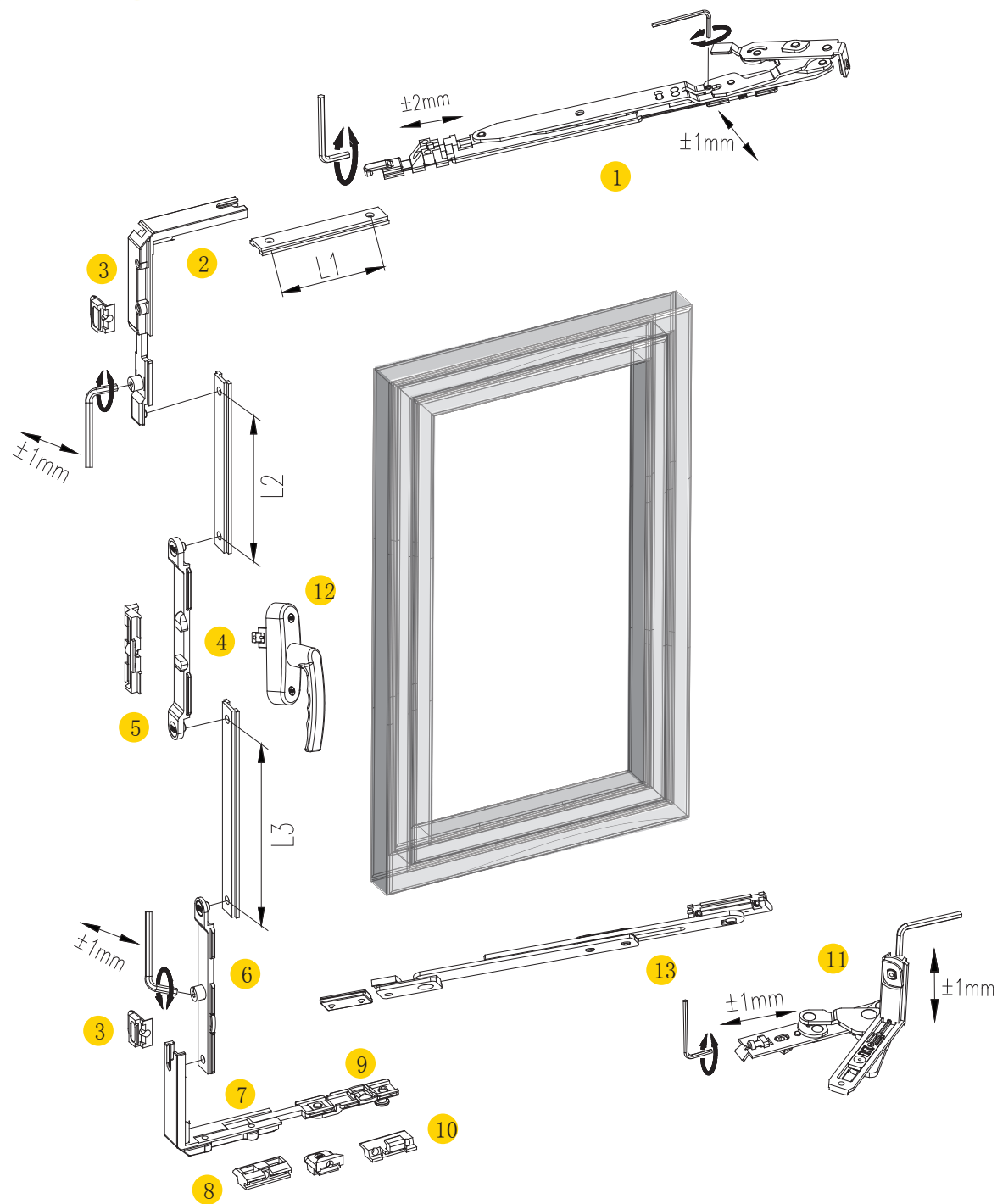
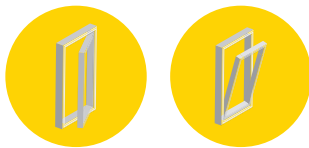
No.	Item Name	Spec.	Item No.
1	Top Hinge Parts		YLSJ2004
2	Scissor	420-550	YLX2001370
		520-700	YLX2001500
		620-1200	YLX2001600
3	Corner		YLZJ2013
4	Keeper		YLSK01
5	Drive Box		YLH0910
6	Keeper		YLSK01
7	Tilt Part		YLZC011
8	Tilt Stay		YLFT011
9	Support Cushion		YLCZ010
10	Lift Support		YZSD010
11	Bottom Hinge Parts		YLXJ2004
12	Handle	(optional)	YFZ0725
13	Adjustable Wind Stay		YCD04

Suitable for aluminum window with 15x20/14x18 Euro- slot.
Available sash width FFB:420mm-1200mm and height FFH: 580mm-2400mm.

The listed parts are fitted with column locking pin.
But mushroom pin is optional.



CONCEALED HARDWARE FOR ALUMINUM TILT&TURN WINDOW

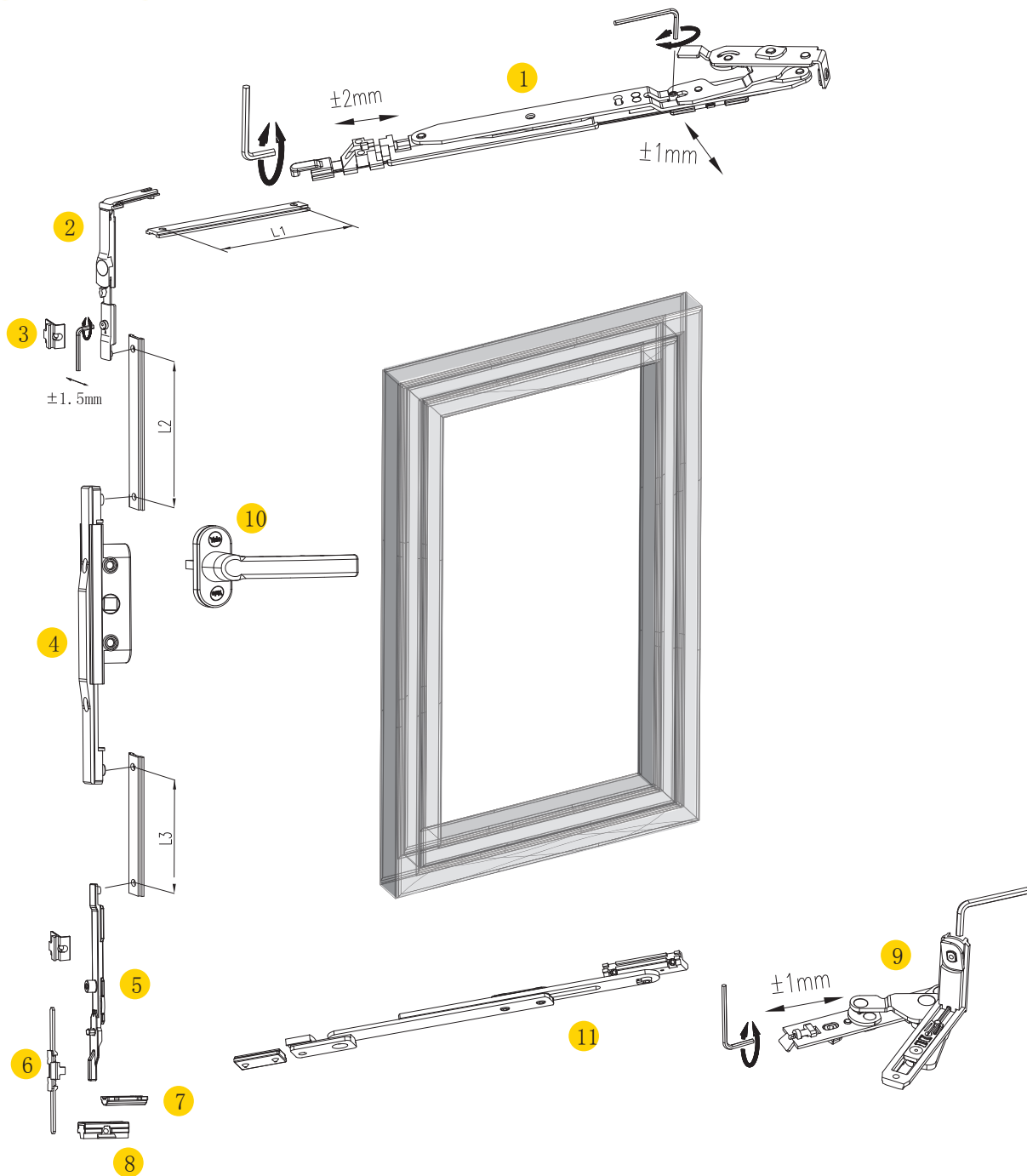
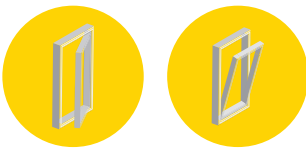


No.	Item Name	Spec.	Item No.
1	Concealed Top Hinge Parts		YLSJ2001L/R
2	Corner		YLZJ2001
3	Keeper		YLSK01
4	Drive Bar		YLG01
5	Mis-handling Device Keeper		YLDK01
6	Locking Bolt		YXK01
7	Bottom Corner		YLYZ2001
8	Lift Support		YZSK01
9	Rotary Locking Bolt		YXK02
10	Support Cushion		YLZC01
11	Concealed Bottom Hinge Parts		YLYJ2001L/R
12	Handle	Optional	YBZ0322
13	Adjustable Wind Stay		YCD04

Suitable for aluminum window with 15x20/14x18 Euro- slot.
Available sash width FFB:500mm-750mm and height FFH: 580mm-2400mm.

HARDWARE FOR
ALUMINUM
DOOR & WINDOW

CONCEALED HARDWARE FOR ALUMINUM TILT&TURN WINDOW WITH SPINDLE HANDLE



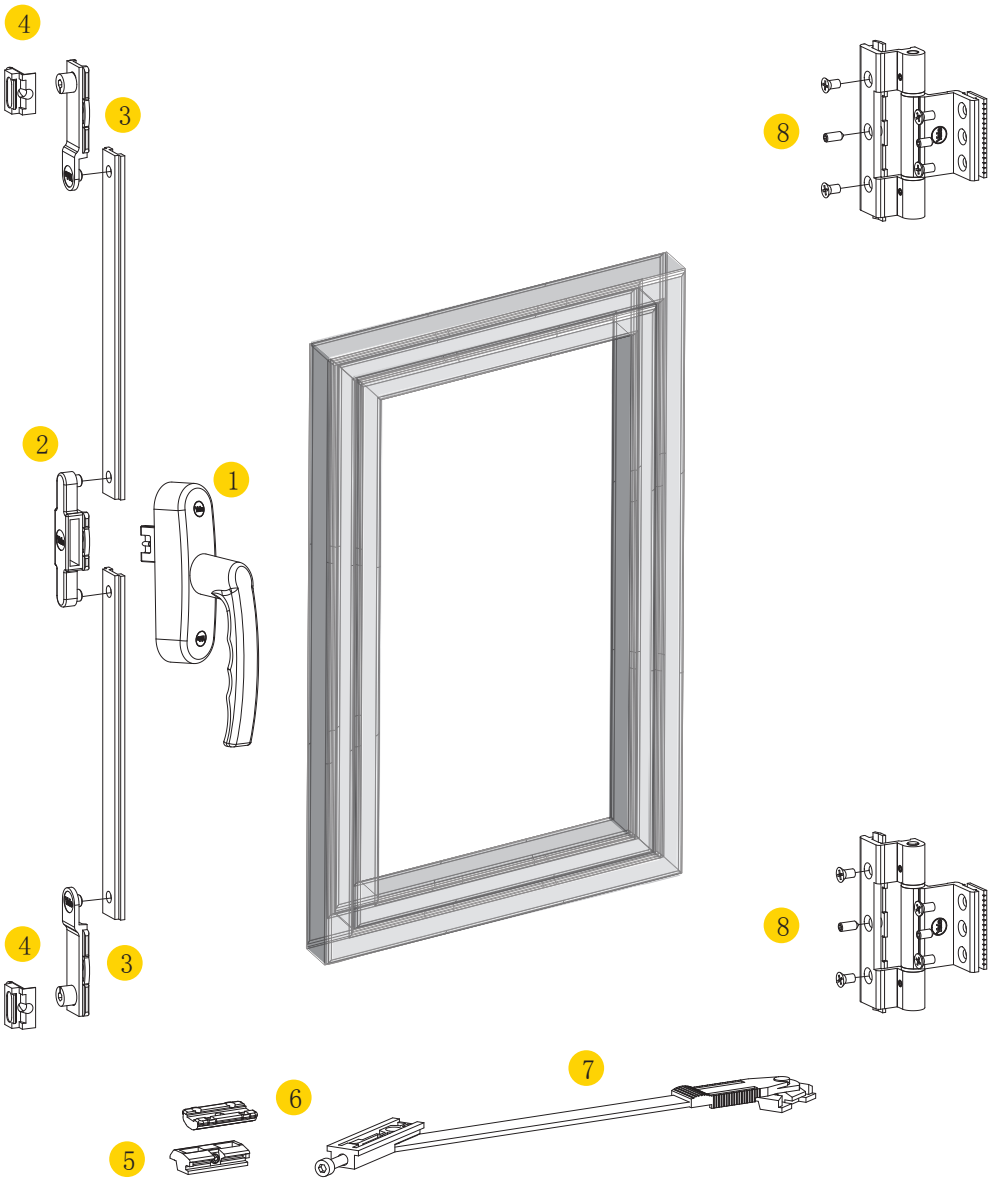
No.	Item Name	Spec.	Item No.
1	Concealed Top Hinge Parts		YLSJ2001L/R
2	Corner		YLZJ2013
3	Keeper		YLSK01
4	Drive Box		YLH0910
5	Tilt Part		YLZC011
6	Tilt Stay		YFLT011
7	Lift Support		YZSD010
8	Support Cushion		YLCZC010
9	Concealed Bottom Hinge Parts		YLYJ2001L/R
10	Handle		YFZ0725
11	Adjustable Wind Stay		YCD04

Suitable for aluminum window with 15x20/14x18 Euro- slot.
Available sash width FFB:500mm-750mm and height FFH: 580mm-2000mm.

The listed parts are fitted withcolumn locking pin.
But mushroom pin is optional.

HARDWARE FOR
ALUMINUM
DOOR & WINDOW

HARDWARE FOR ALUMINUM INWARD-OPEN WINDOW



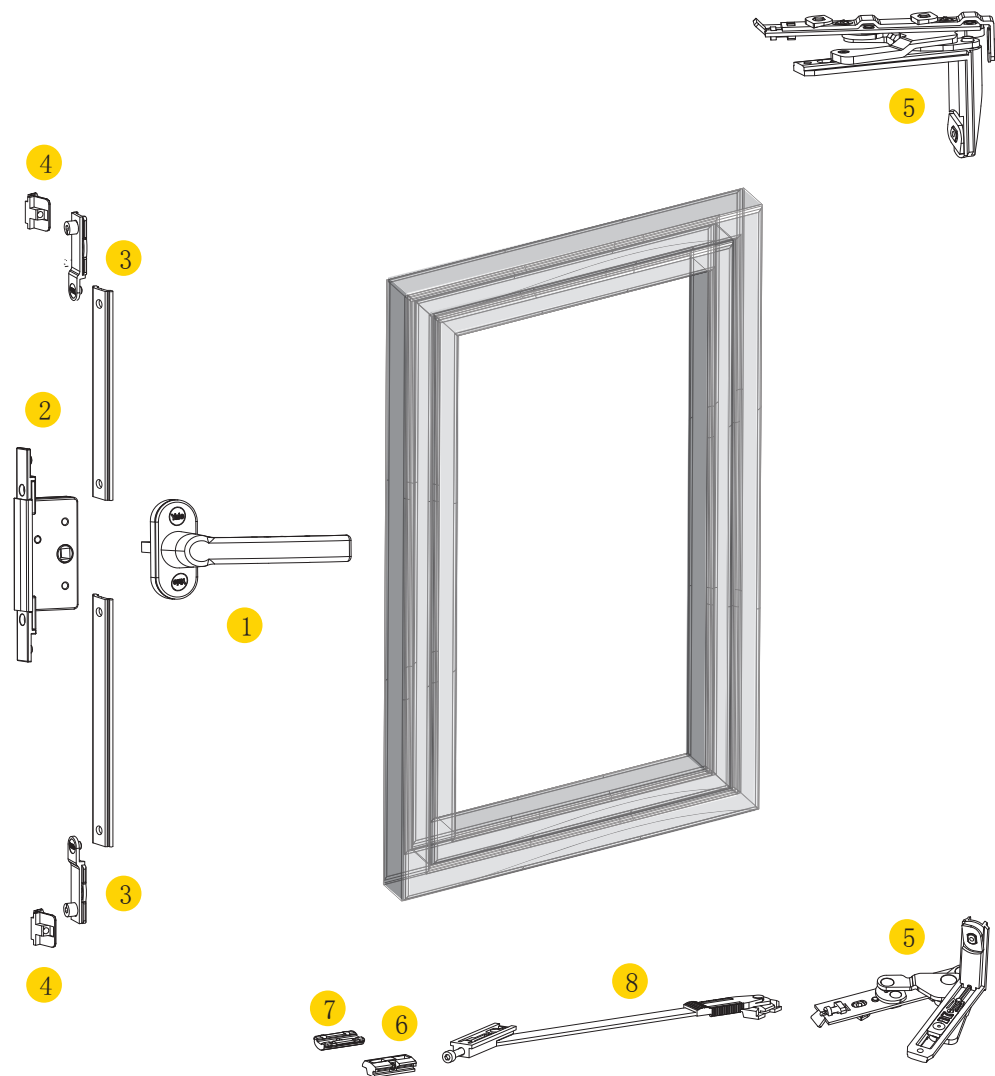
HARDWARE FOR
ALUMINUM
DOOR & WINDOW



No.	Item Name	Spec.	Item No.
1	Handle	Optional	YBZ0522
2	Drive Bar		YLK01
3	Locking Bolt		YXK03
4	Keeper		YLSK01
5	Lift Support		YZSK01
6	Support Cushion		YZSD01
7	Wind Stay		YCD01
8	Hinge	Anodizing	YLPJ2001
		Powder coating	YLPJ2002

Suitable for aluminum window with 15x20/14x18 Euro- slot.

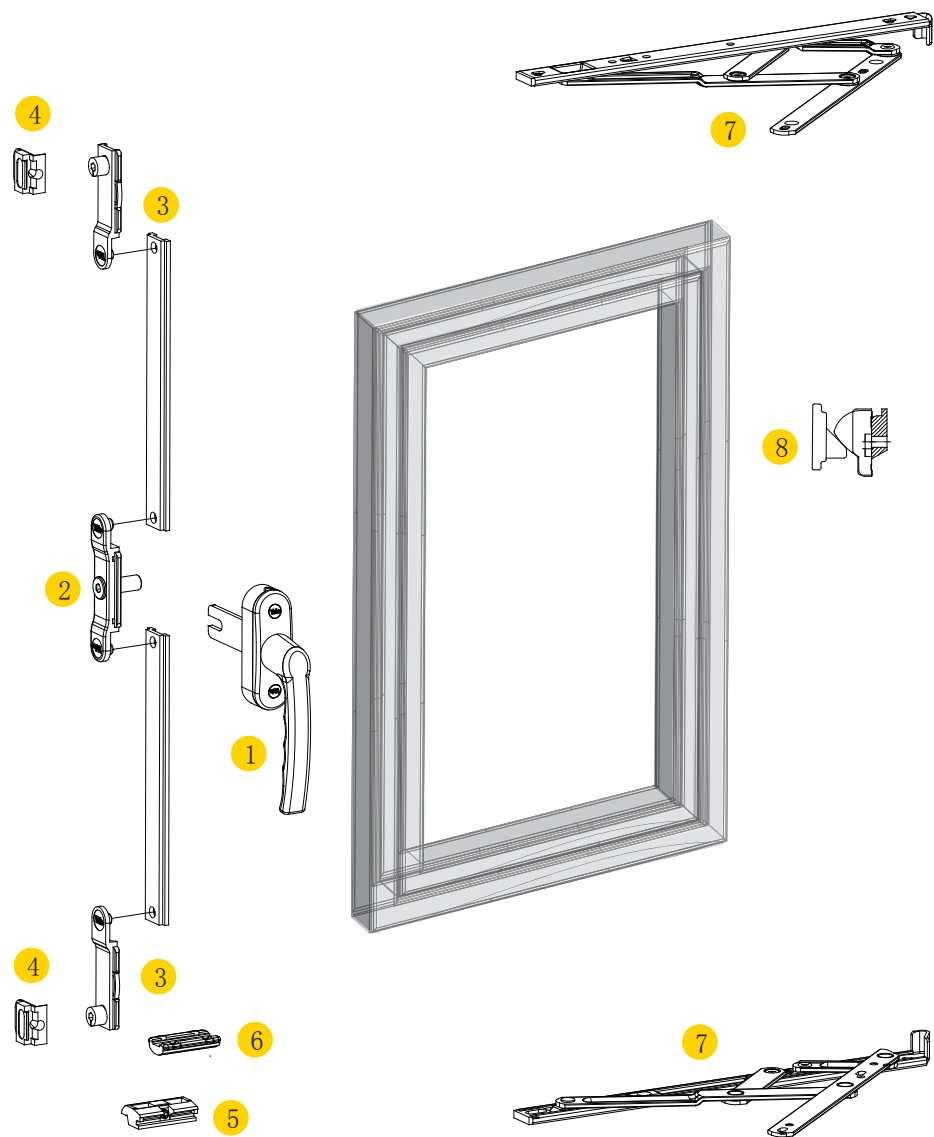
CONCEALED HARDWARE FOR ALUMINUM INWARD-OPEN WINDOW WITH SPINDLE HANDLE



No.	Item Name	Spec.	Item No.
1	Handle	Optional	YFZ0130
2	Gearbox		LZLH01
3	Locking Bolt		YXK03
4	Keeper		YLSK01
5	Concealed Hinge		YLXJ2001L/R
6	Lift Support		YZSK01
7	Support Cushion		YZSD01
8	Wind Stay		YCD01

Suitable for aluminum window with 15x20/14x18 Euro- slot.

HARDWARE FOR ALUMINUM OUTWARD-OPEN WINDOW



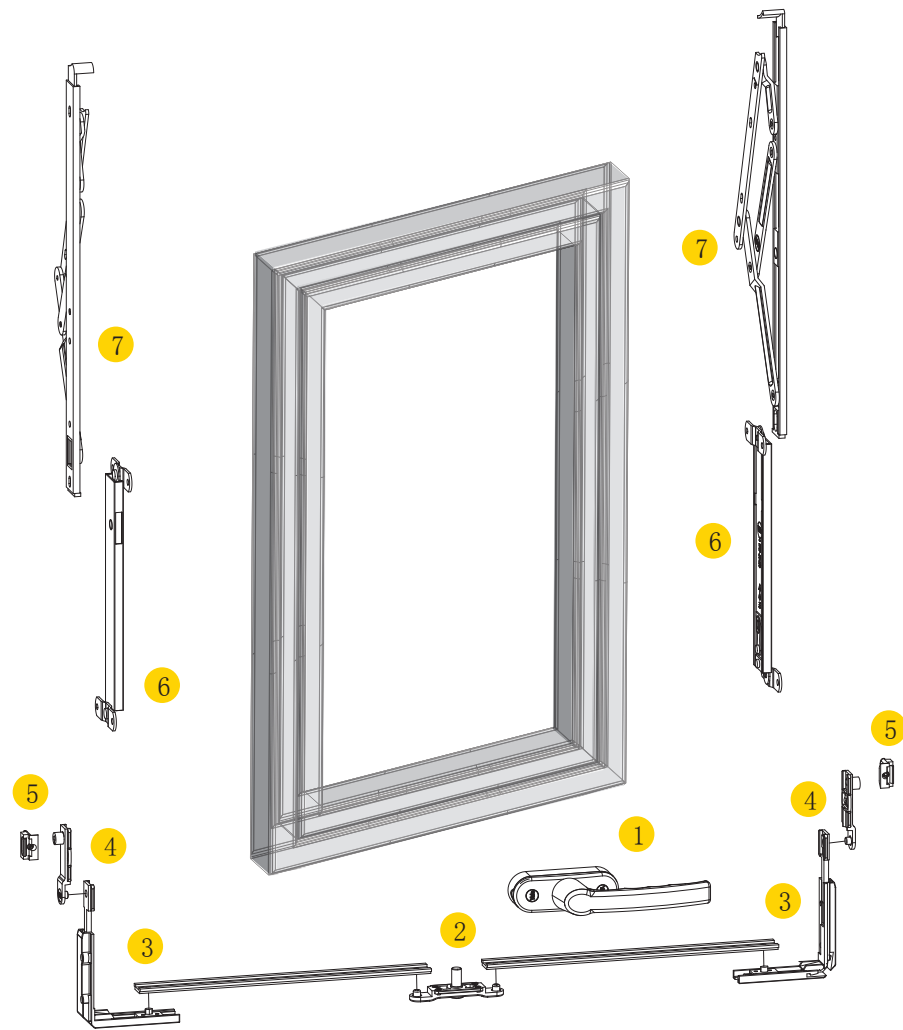
HARDWARE FOR
ALUMINUM
DOOR & WINDOW



No.	Item Name.	Spec.	FFH. (mm)	FFB. (mm)	Max weight.(kg)	Opening angle.	Item No.
1	Handle	Optional					YBZW02 □ □ L/R
2	Drive Bar	with 16mm pin					YLK0216
		with 18mm pin					YLK0218
		with 20mm pin					YLK0220
		with 22mm pin					YLK0222
		with 24mm pin					YLK0224
3	Locking Bolt						YXK03
4	Keeper						YLSK01
5	Lift Support						YZSK01
6	Support Cushion						YZSD01
7	Friction Hinge SS304	10"	1500	500	23	90°	YP22302510L/R
		12"	1500	600	28	45/90°	YP22302512L/R
		14"	1500	700	33	45/90°	YP22302514L/R
		16"	1800	800	38	45/90°	YP22302516L/R
		18"	1800	900	43	45/90°	YP22302518L/R
		20"	1800	1000	45	30/60°	YP22302520L/R
		24"	1800	1100	50	30/45°	YP22302524L/R
8	Middle Hinge						YLZTK01

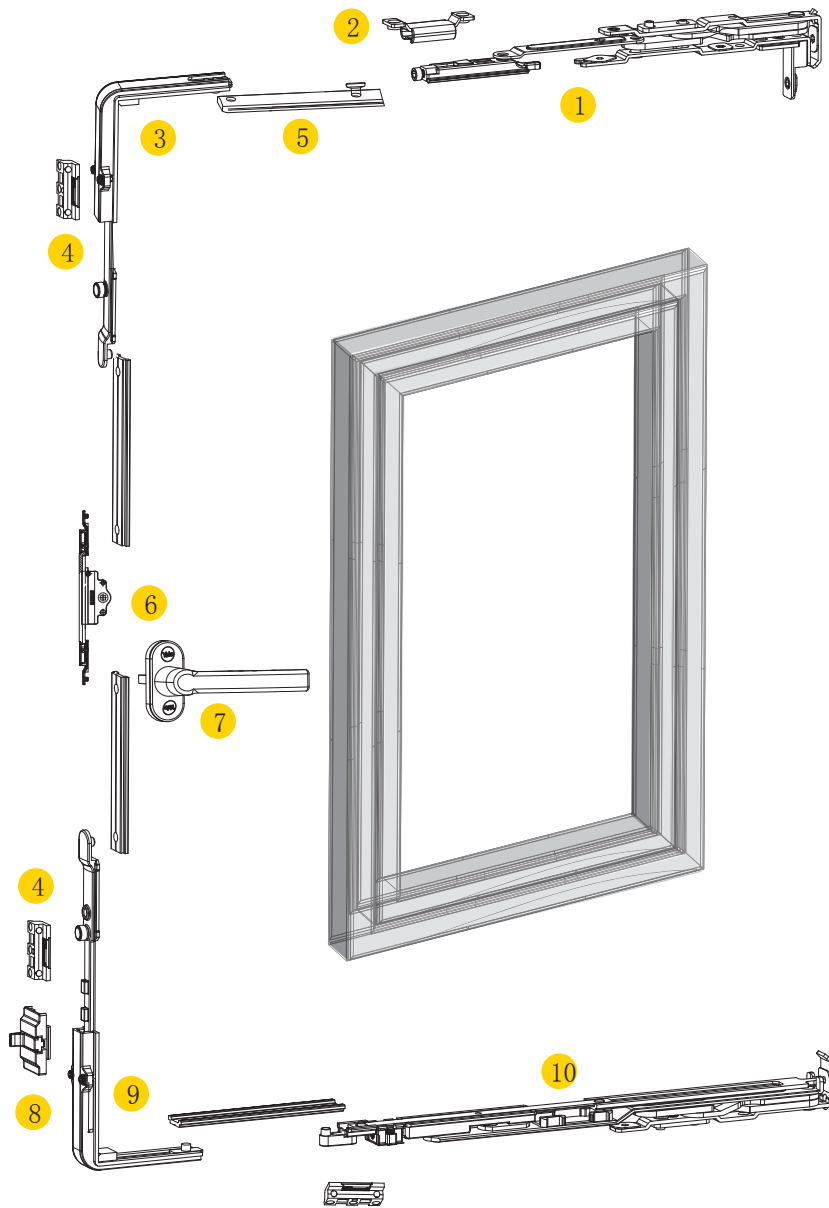
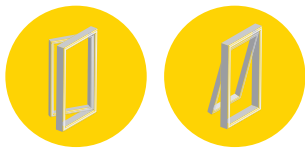
Suitable for aluminum window with 15x20/14x18 Euro- slot.

HARDWARE FOR ALUMINUM TOP HUNG WINDOW



No.	Item Name.	Spec.	FFH. (mm)	FFB. (mm)	Max weight.(kg)	Opening angle.	Item No.
1	Handle	Optional					YBZW02 □ □ L/R
2	Drive Bar	with 16mm pin					YLK0216
		with 18mm pin					YLK0218
		with 20mm pin					YLK0220
		with 22mm pin					YLK0222
		with 24mm pin					YLK0224
3	Bottom Corner						YXLZ2001
4	Locking Bolt						YXK03
5	Keeper						YLSK01
6	Support Arm SS304	6"					YSB016304L/R
		8"					YSB018304L/R
7	Friction Hinge SS304	10"	650	1100	43	35°	YS22302510L/R
		12"	800	1200	60	30/35°	YS22302512L/R
		14"	1000	1300	68	30/35°	YS22302514L/R
		16"	1200	1400	85	25/30°	YS22302516L/R
		18"	1400	1400	95	25/30°	YS22302518L/R
		20"	1600	1500	108	20/25°	YS22302520L/R
		24"	1800	1600	125	20/25°	YS22302524L/R

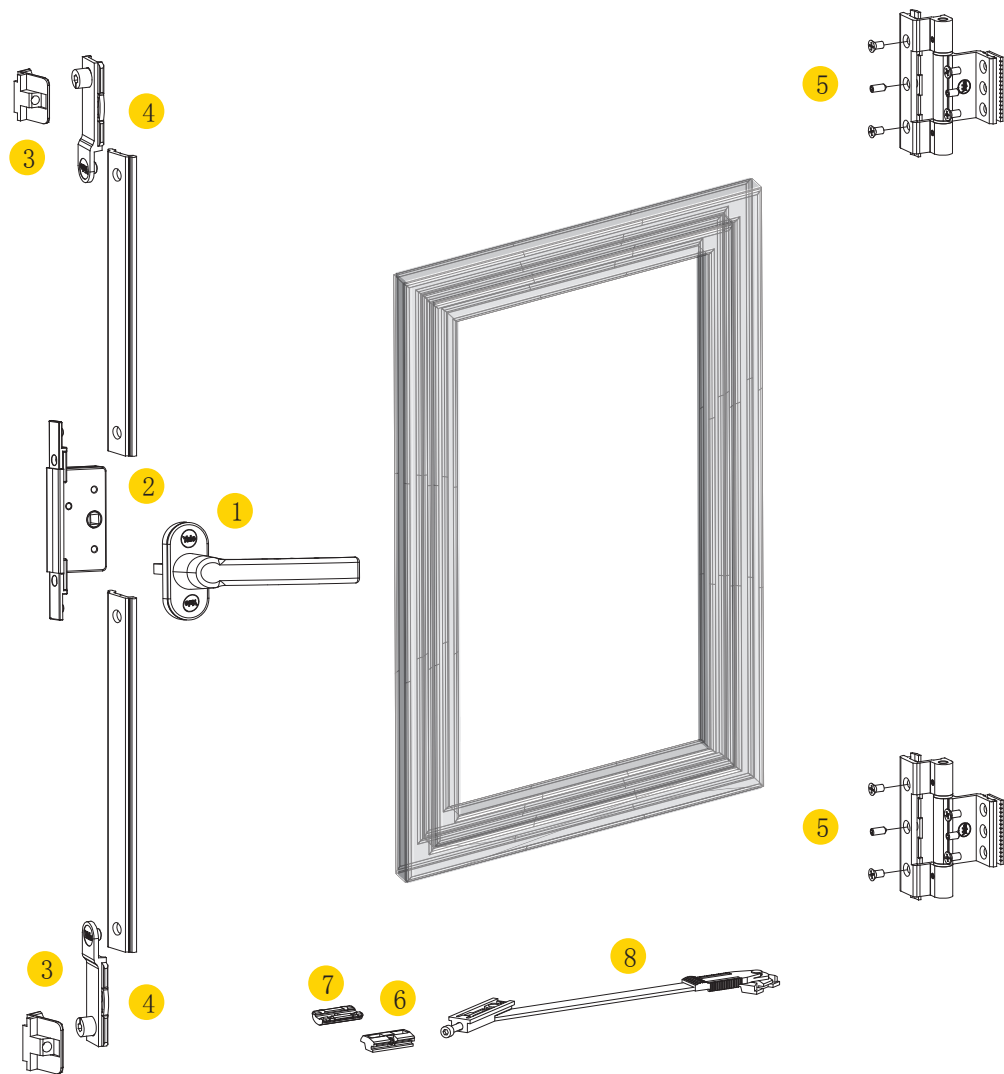
Suitable for aluminum window with 15x20/14x18 Euro- slot.



No.	Item Name	Spec.	Item No.
1	Top hinge Parts	Optional for left or right	VV-WKSX01-SJL
2	Overturn Lock Keeper		SZJ-03-09
3	Top Corner		VV-WKSX03-SZJ
4	Adjustable Lock Keeper		VV-SK180502J
5	Connecting Rod		SZJ-03-10
6	Driver Gearbox		CDQ-26
7	Handle	Optional	YFZ0630
8	Mishandling Device		ISX010-00A-00
9	Bottom Corner Parts		XZJ-10
10	Bottom Hinge Parts	Optional for left or right	VV-WKSX11-XLG

Suitable for aluminum window with 15x20/14x18 Euro- slot.
Available sash width FFB:550-800mm and height FFH: 600-1800mm.

HARDWARE FOR INWARD-OPEN STEEL NETTING WINDOW

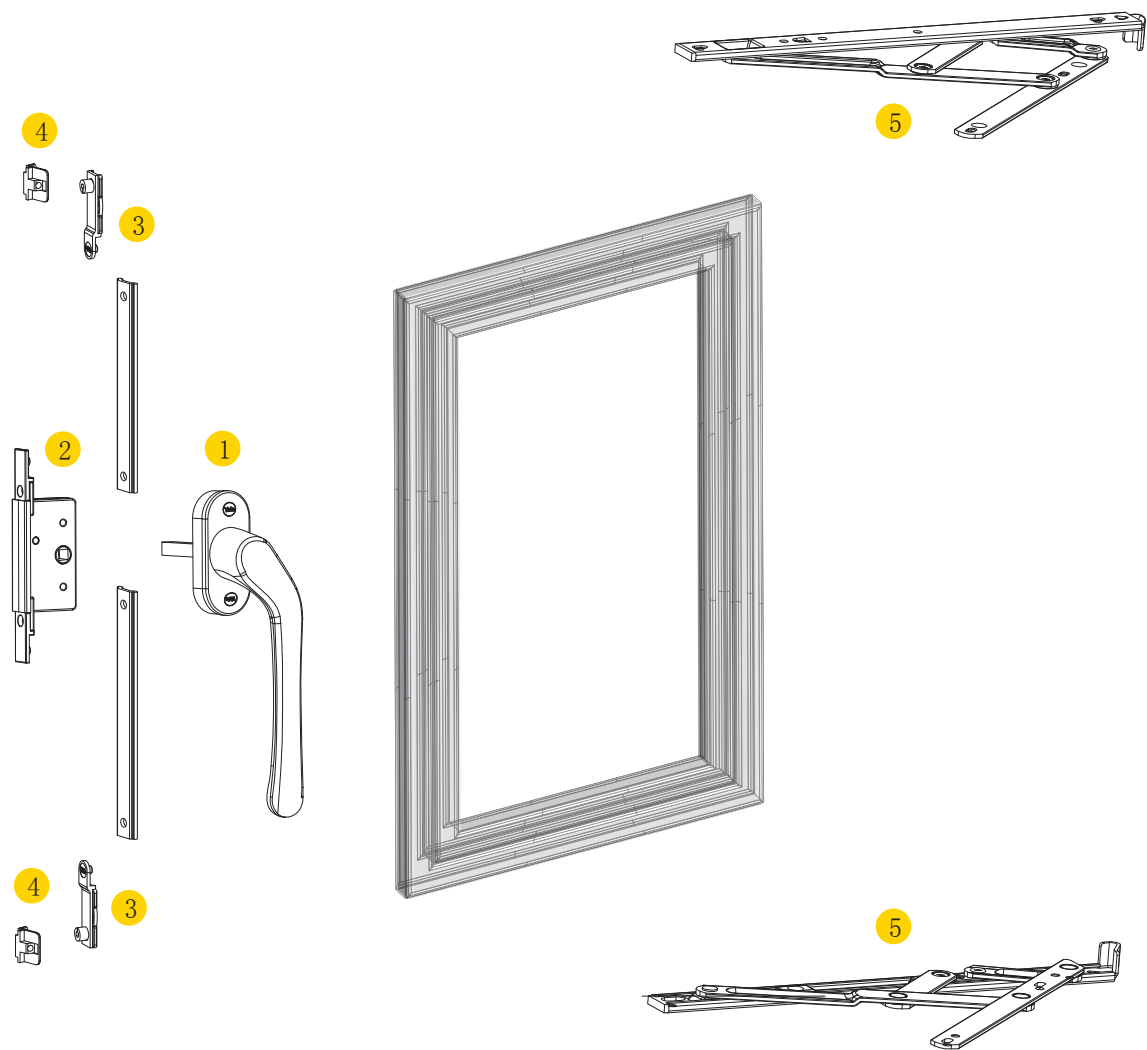


No.	Item Name	Spec.	Item No.
1	Handle	Optional	YFZ0630
2	Gearbox		LHLZ01
3	Locking Bolt		YXK03
4	Keeper		YLSK01
5	Hinge	(Anodizing)	YLPJ2001
		(Powder coating)	YLPJ2002
6	Lift Support		YZSK01
7	Support Cushion		YZSD01
8	Wind Stay		YCD01

Suitable for aluminum window with 15x20/14x18 Euro- slot.

HARDWARE FOR
ALUMINUM
DOOR & WINDOW

HARDWARE FOR OUTWARD-OPEN STEEL NETTING WINDOW

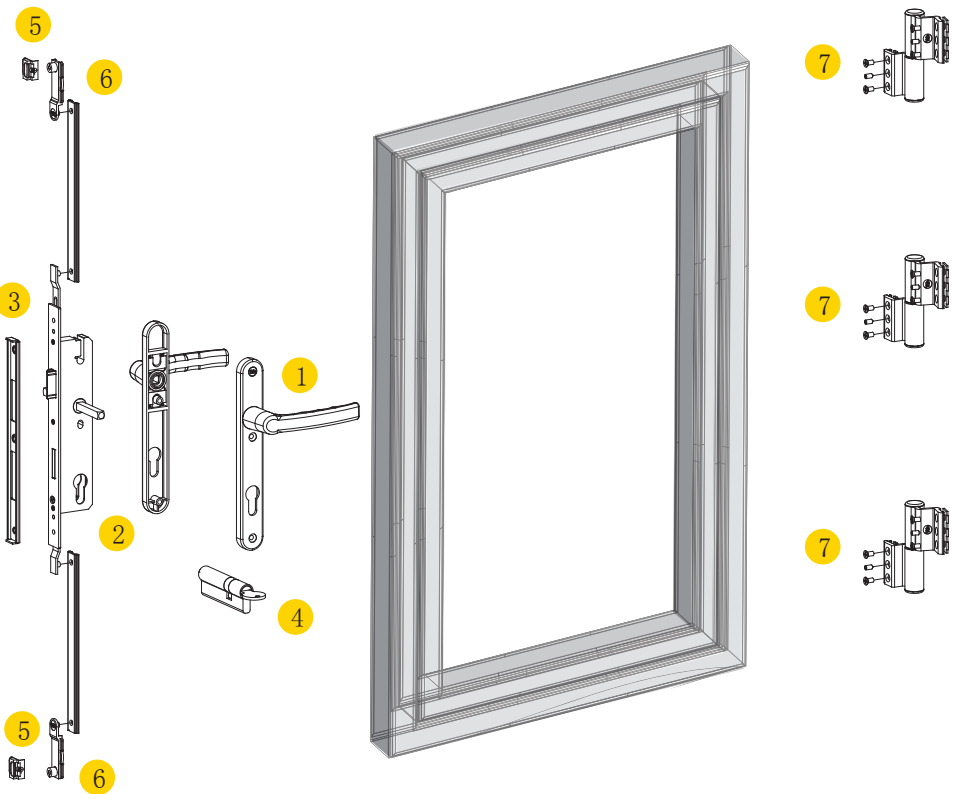
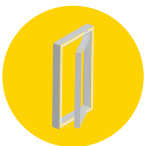


HARDWARE FOR
ALUMINUM
DOOR & WINDOW



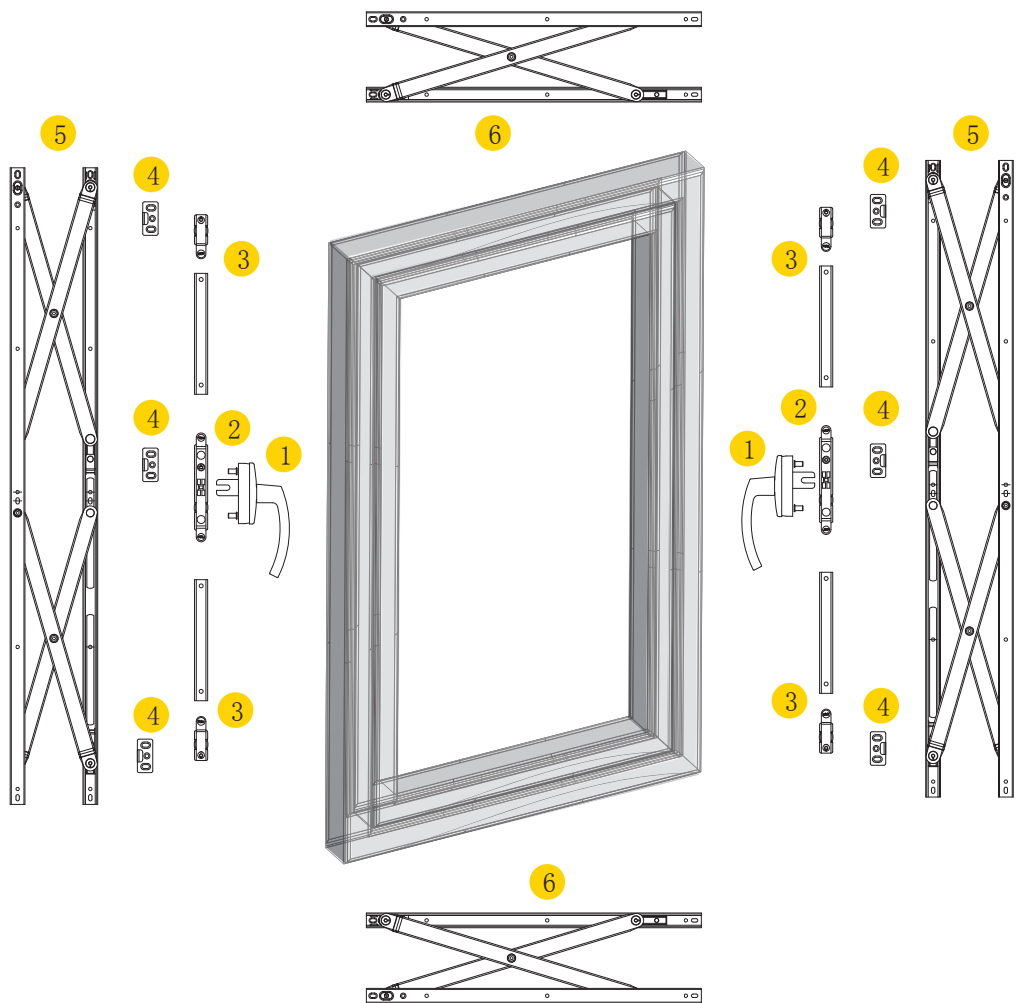
No.	Item Name	Spec.	FFH. (mm)	FFB. (mm)	Max weight.(kg)	Opening angle.	Item No.
1	Handle	Optional					YFZS0130L/R
2	Gearbox						LHLZ01
3	Locking Bolt						YXK03
4	Keeper						YLSK01
5	Friction Hinge SS304	10"	1500	500	23	90°	YP22302510L/R
		12"	1500	600	28	45/90°	YP22302512L/R
		14"	1500	700	33	45/90°	YP22302514L/R
		16"	1800	800	38	45/90°	YP22302516L/R
		18"	1800	900	43	45/90°	YP22302518L/R
		20"	1800	1000	45	30/60°	YP22302520L/R
		24"	1800	1100	50	30/45°	YP22302524L/R

Suitable for aluminum window with 15x20/14x18 Euro- slot.



No.	Item Name	Series.	Spec.	Item No.
1	double Handle	Optional		YMSZ9203100
2	Door Lock	Electric motor multi-point Lock	Backset 35mm	Mediator MVP-set
		Mortise Lock	Backset 25mm	YDS0125
			Backset 35mm	N15000008520008
		Multi-point Lock	Backset 30mm	YFS0130
			Backset 30mm	YL-ST0030ZB-32
			Backset 35mm	319NE0010504000
3	Striker	Optional	Only for locks of YDS and YFS types	YL30348
4	Cylinder		Optional	YMDD45*45
5	Keeper			YLSK01
6	Locking Bolt			YXK03
7	Hinge		Anodizing	YLPJ2004
			Powder coating	YLPJ2005

HARDWARE FOR ALUMINUM PARALLEL-OPEN WINDOW

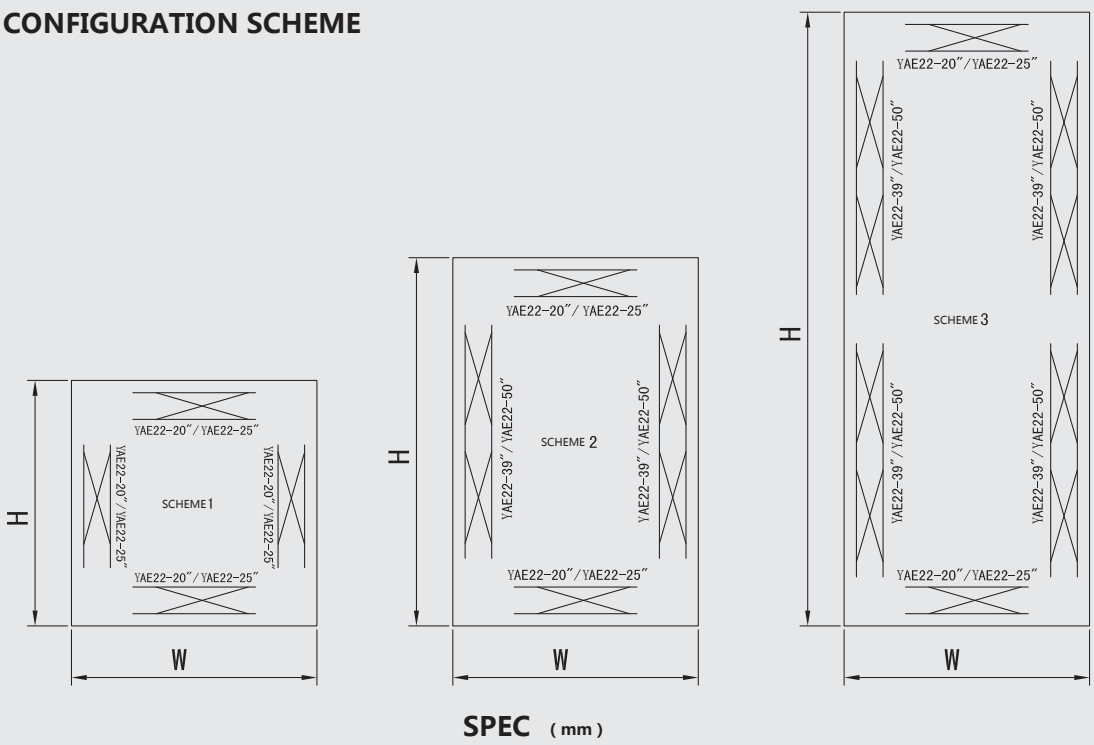


HARDWARE FOR
ALUMINUM
DOOR & WINDOW



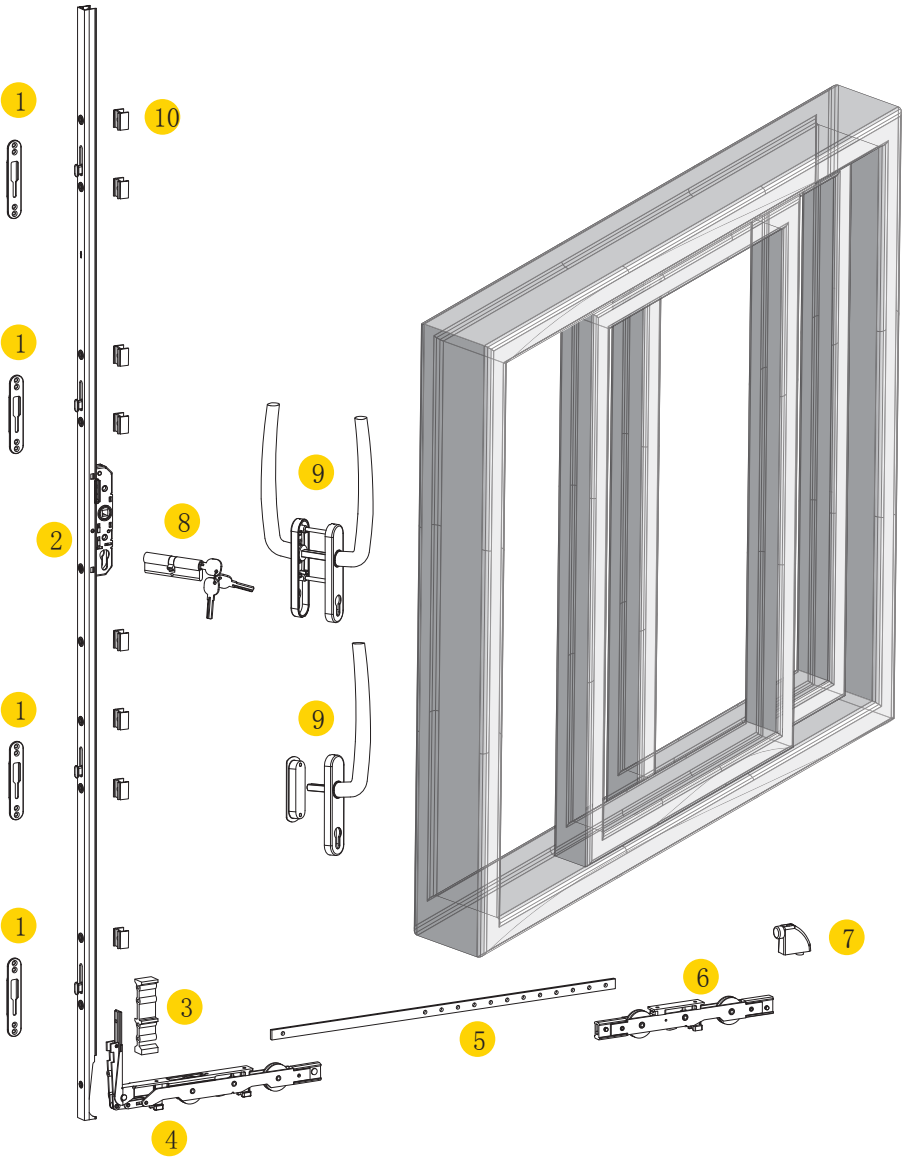
No.	Item Name	Spec.	Item No.
1	Handle	Optional	YBZW02
2	Drive Bar		YLG02
3	Locking Bolt		YXK03
4	Keeper		YLSK02
5	Paralled-open Friction Stay		YAE22-39
6	Paralled-open Friction Stay		YAE22-20

CONFIGURATION SCHEME



Item No.	Solutions	Min. Height	Max. Height	Min. Width	Max. Width	Opening distance	Max. Sash Weight(Kg)
YAE22-20	SCHEME 1	650	1000	650	1000	250	55
YAE22-25	SCHEME 1	800	1200	800	1200	300	75
YAE22-39	SCHEME 2	1100	1500	1100	1500	250	100
YAE22-50	SCHEME 2	1400	1800	800	1200	300	120
YAE22-39*2	SCHEME 3	2200	3100	800	1200	250	150
YAE22-50*2	SCHEME 3	2800	3700	800	1200	300	180

HARDWARE FOR ALUMINUM LIFT& SLIDING DOOR



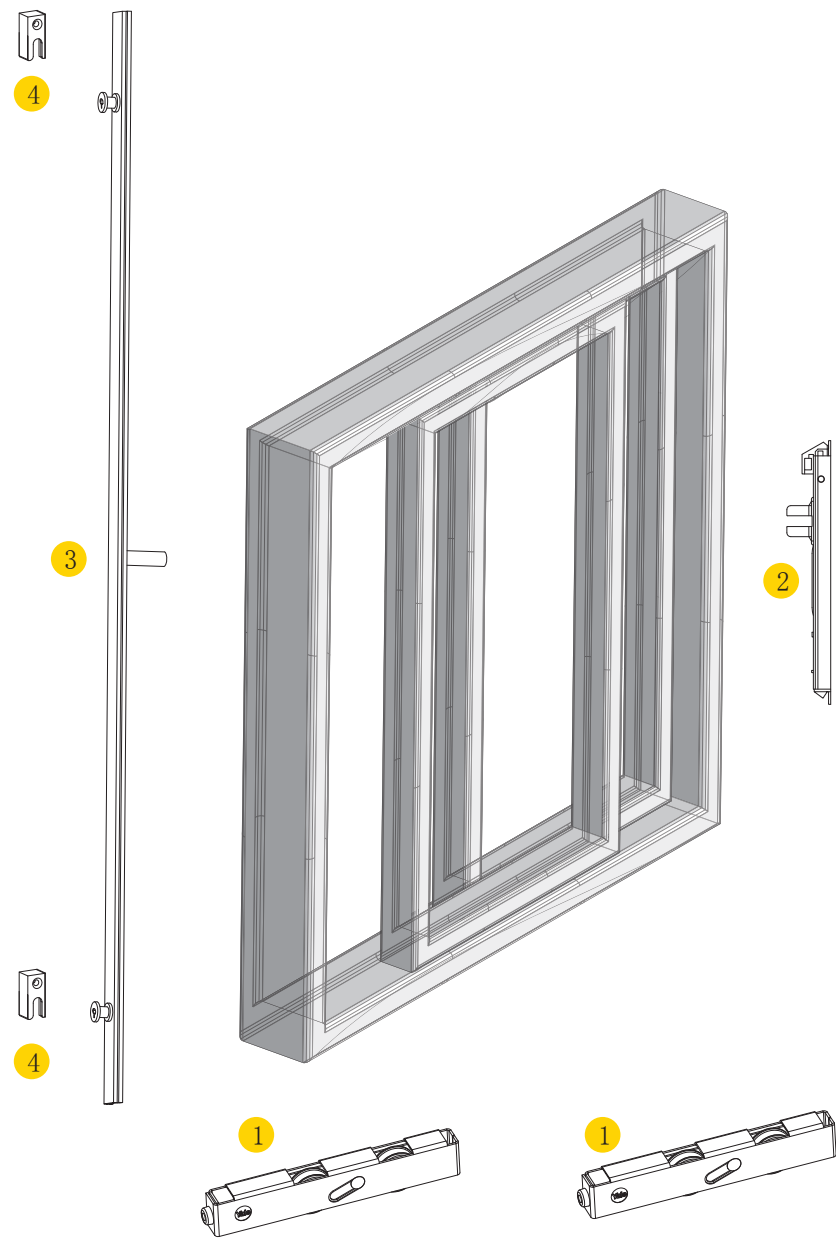
HARDWARE FOR
ALUMINUM
DOOR & WINDOW



No.	Item Name	Spec.	Item No.
1	Keeper		YSK024
2	Multi-point Door Lock		YTS690223004
3	I Supporting Block I		YTSZC01-02
4	Front Roller		YTSLQ202
5	Connecting Rod		074620
6	Back Roller		YTSLH202
7	Bumper Block		074620
8	Cylinder	(Optional)	YMDD45*45
9	Handle	Double Side	YTSMZ3502120
		Single Side	YTSMZ3502120. 1
10	Supporting Block		YTSZC01-03

Less space occupied and max sash open area is up to 3m²
The hidden striker design can effectively prevent the lock pins from scratching users.
The Max load bearing for one unit of front roller and back roller is 300kgs. Extra roller, Carriage is available for heavy loading doors.
Material SS304 and Matti-zinc surface treatment make sure good anti-corrosion performance.
Used as balcony door, partition door and sun-shine hut door.
Part No. 2-7 are sepreatly used for system No. YTSTL300.

HARDWARE FOR ALUMINUM PATIO DOOR

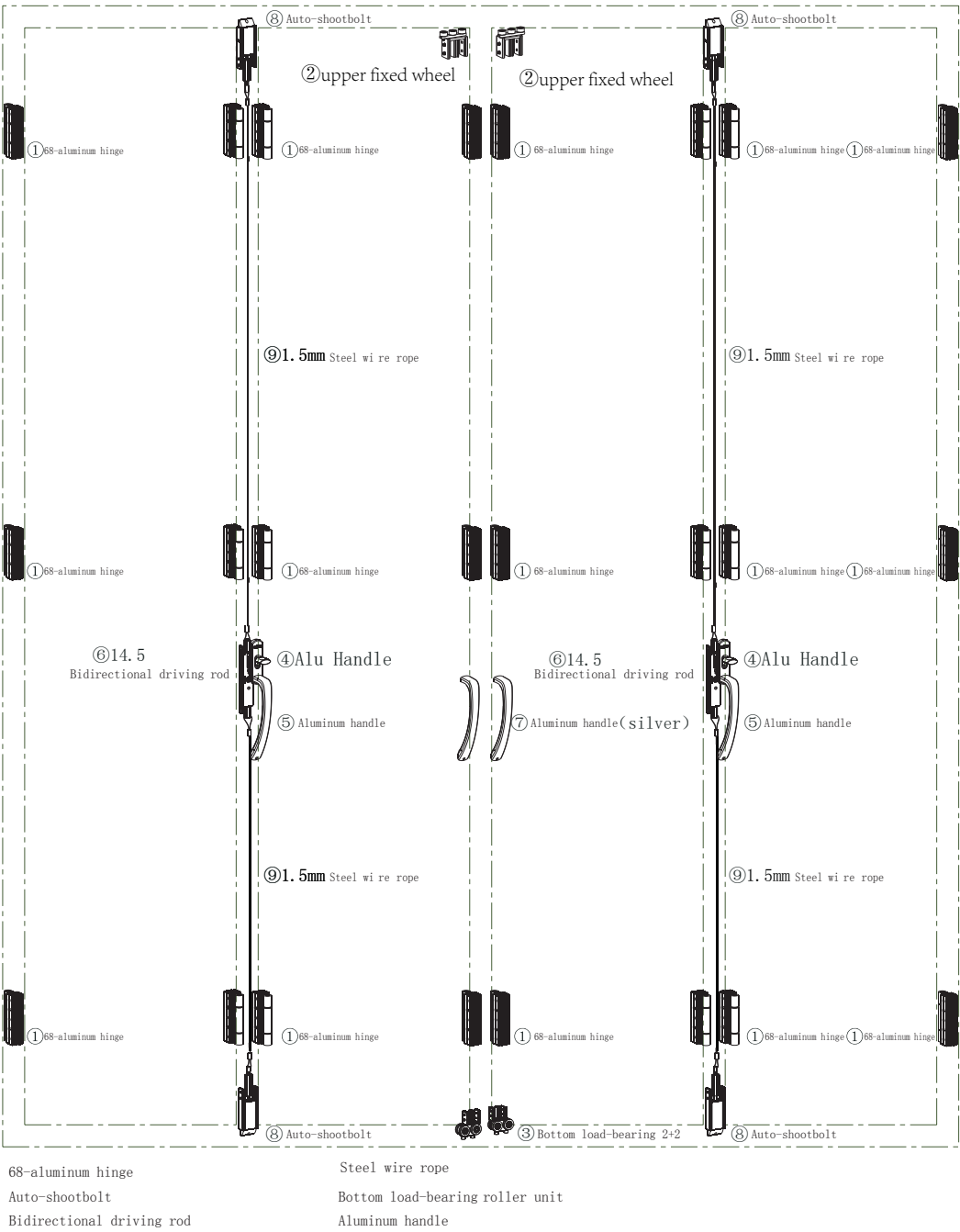


No.	Item Name	Spec.	Item No.
1	Door Roller	(optional)	YSL2U15001
2	Touch Lock		YBZ30126
3	Door Drive	(optional)	YLQ2Z10270602
4	Keeper		YLSK08

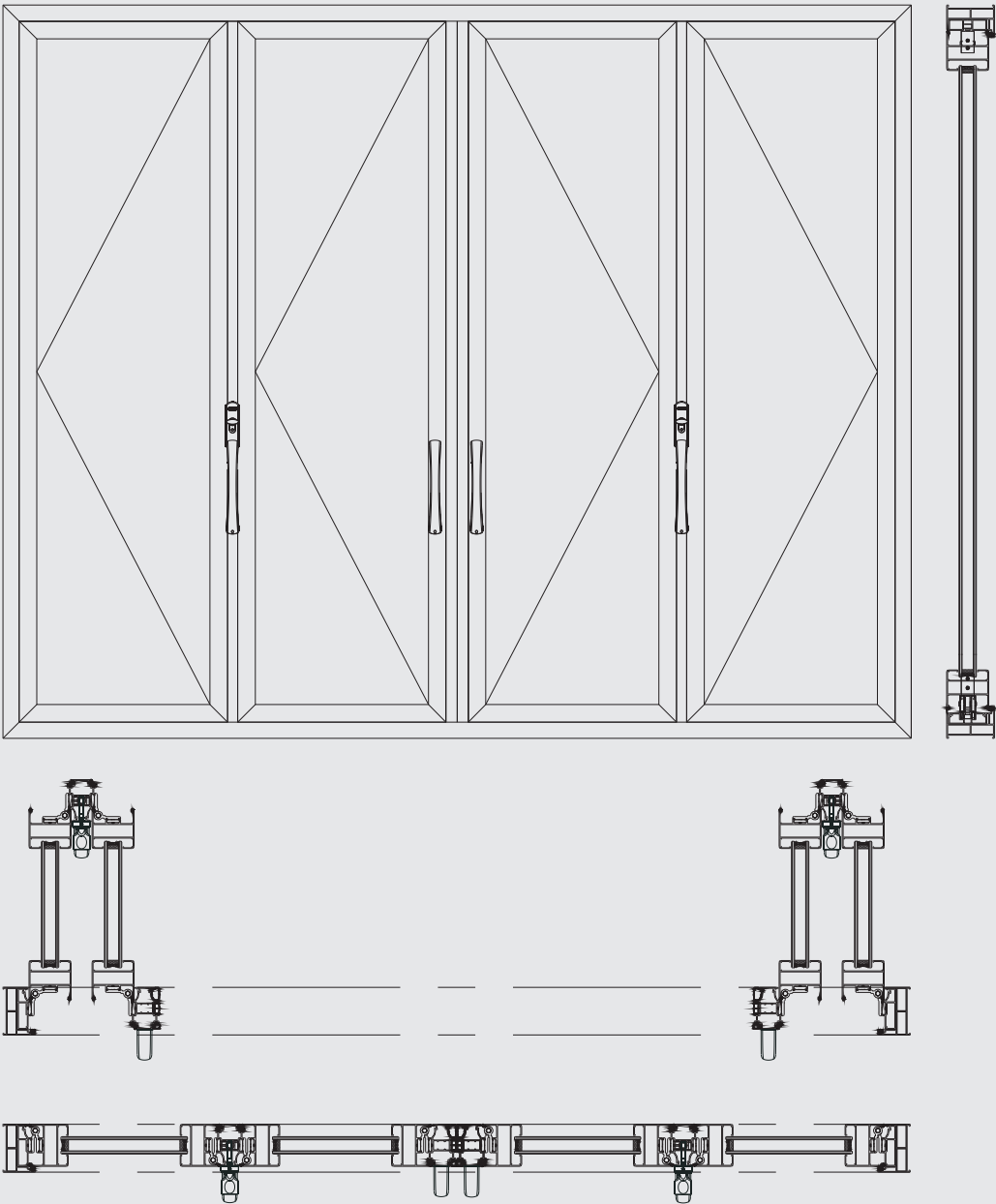


Model No. : YL-HEAVY-68-1

heavy duty, max weight of door sash: 80kgs, suitable for 68 series profile.



422 Hardware Profile configuration

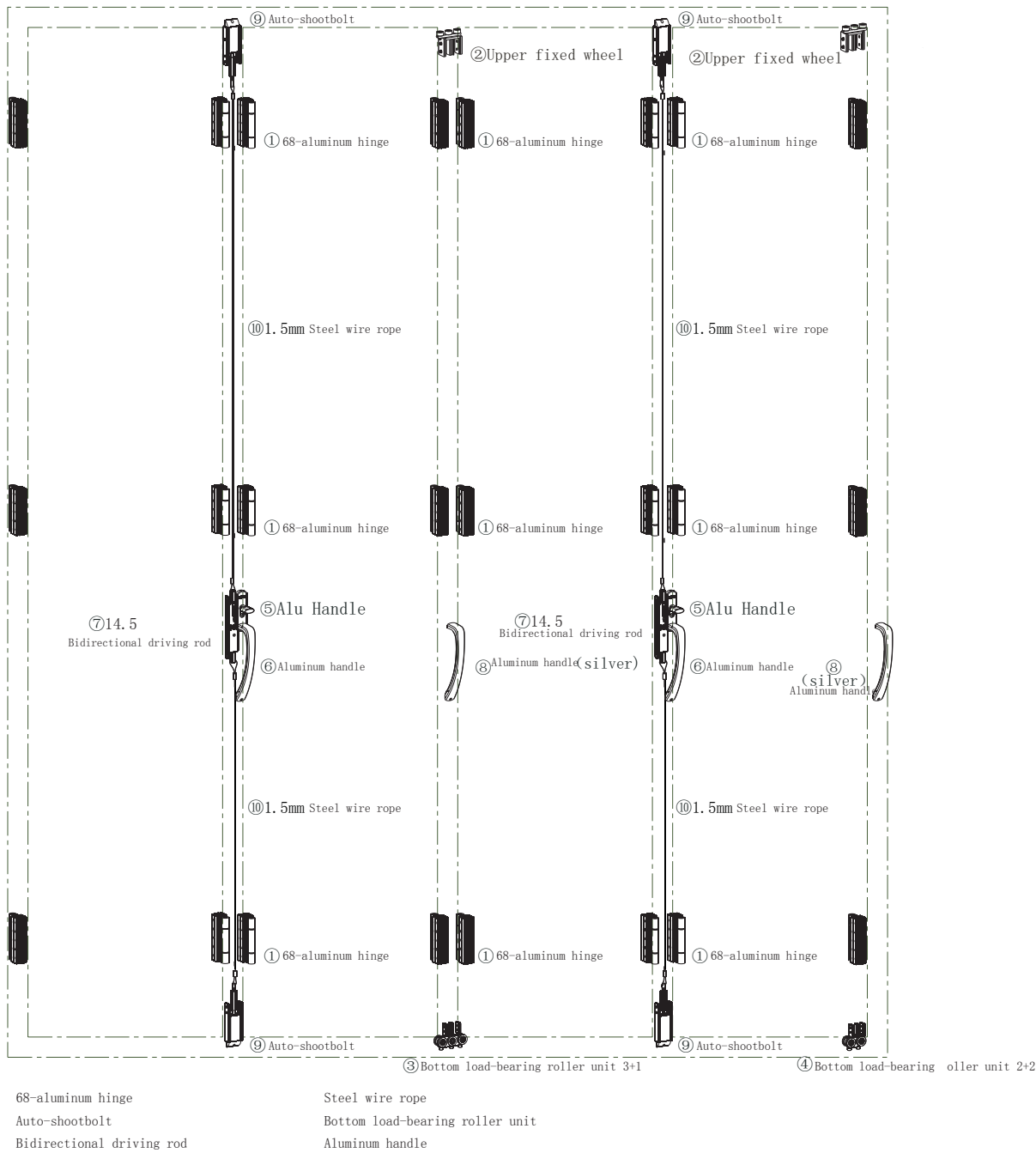


This sliding-folding system is suitable for 68 series thermal break aluminum extrusions.
The surface of aluminum handles can be treated as gold or silver color. The surface of copper handles can be treated as oil sealed gold color.

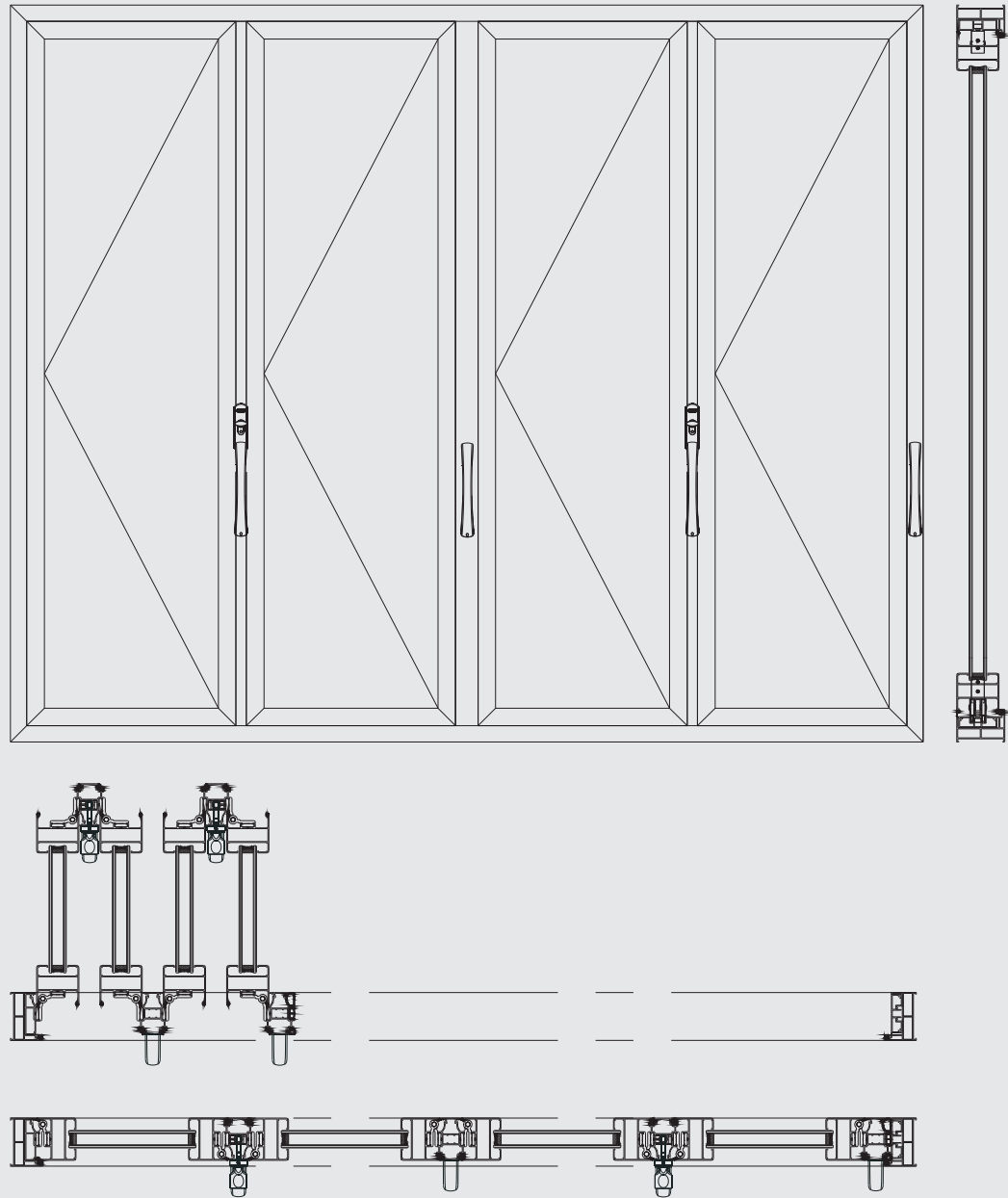


Model No. : YL-HEAVY-68-2

heavy duty, max weight of door sash: 80kgs, suitable for 68 series profile.



440 Hardware Profile configuration

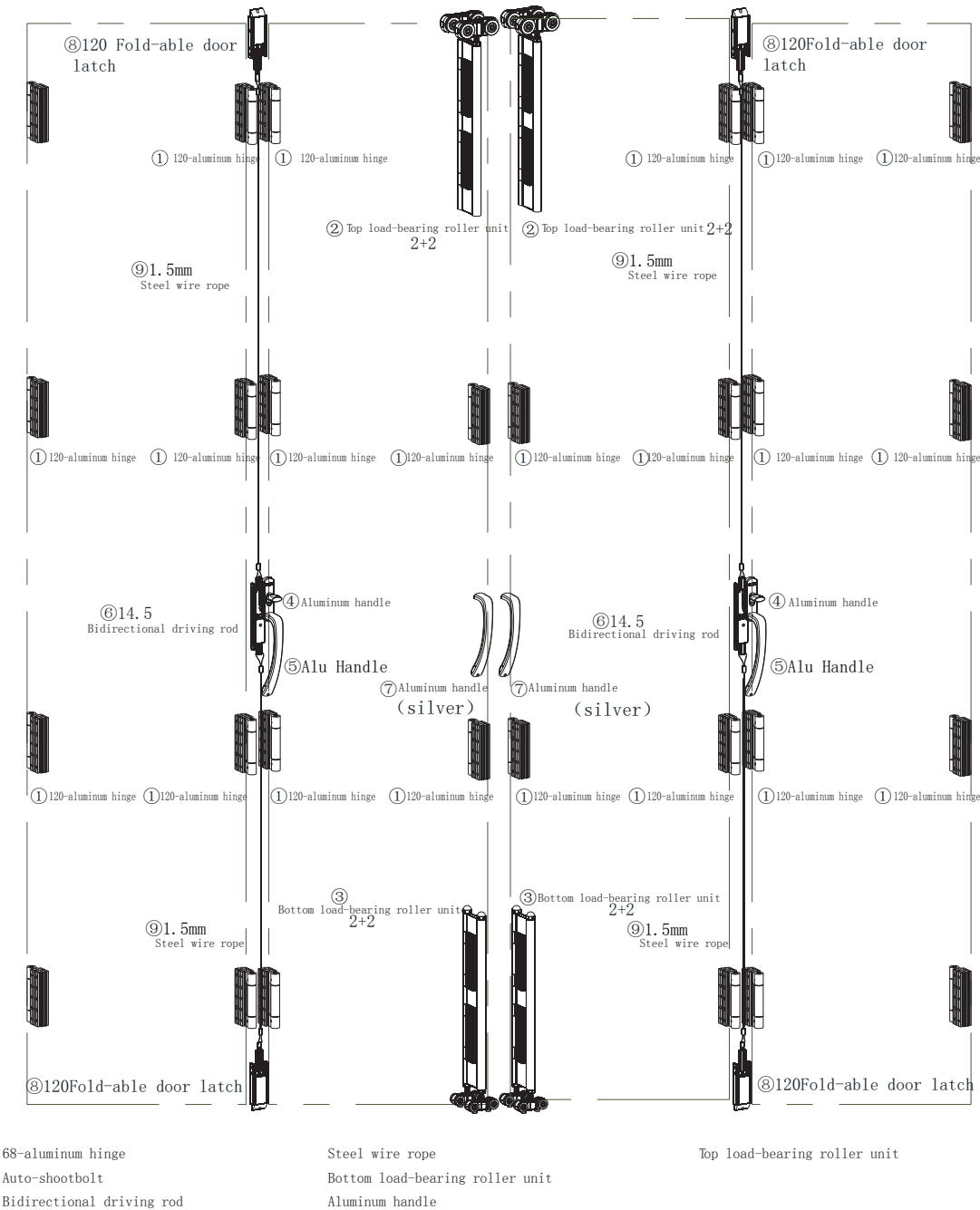


This sliding-folding system is suitable for 68 series thermal thermal break aluminum extrusions.
The surface of aluminum handles can be treated as gold or silver color. The surface of copper handles
can be treated as oil sealed gold color.

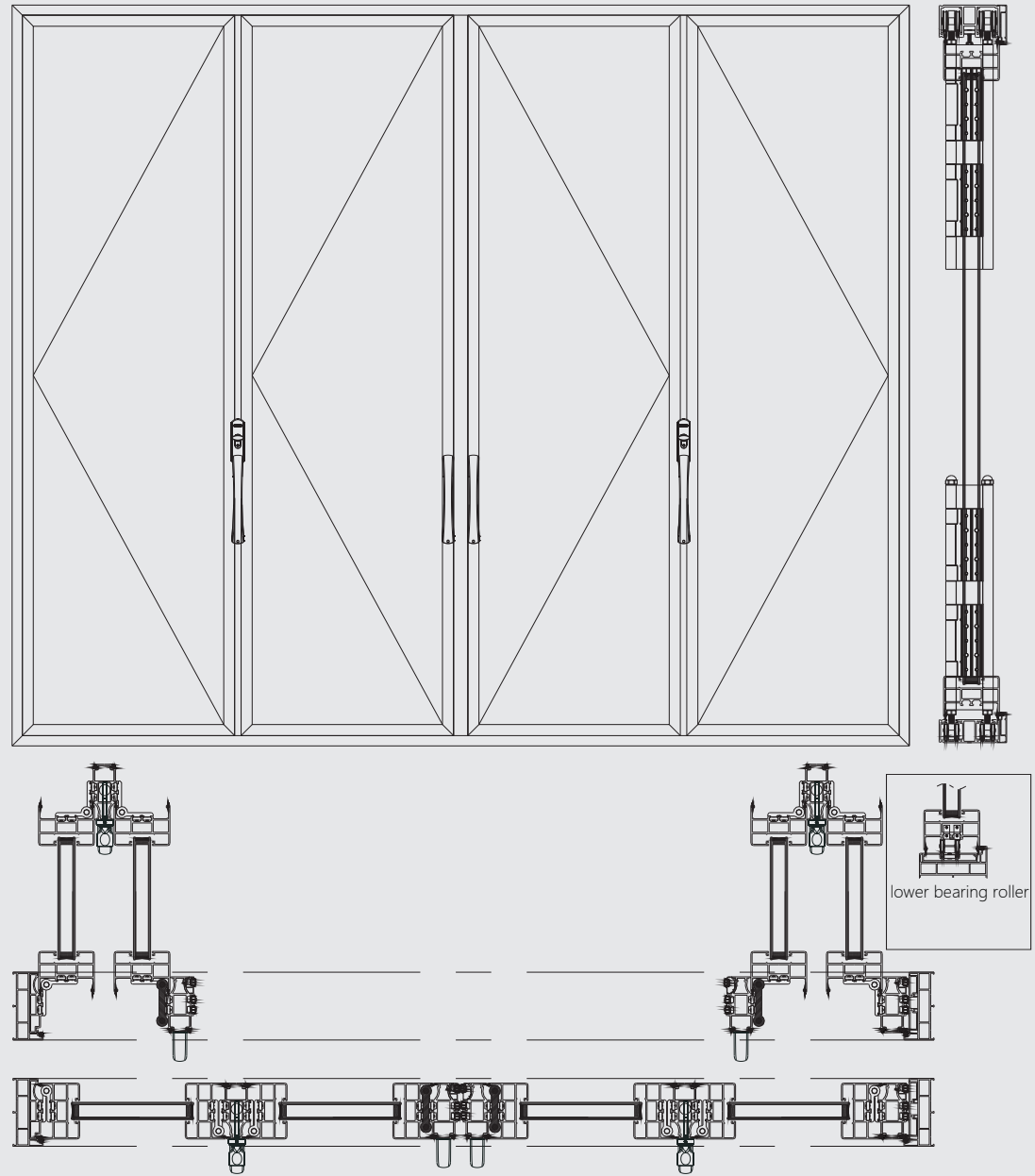


Model No. : YL-HEAVY-120-1

extra heavy duty, max weight of door sash: 200kgs



422 Hardware Profile configuration

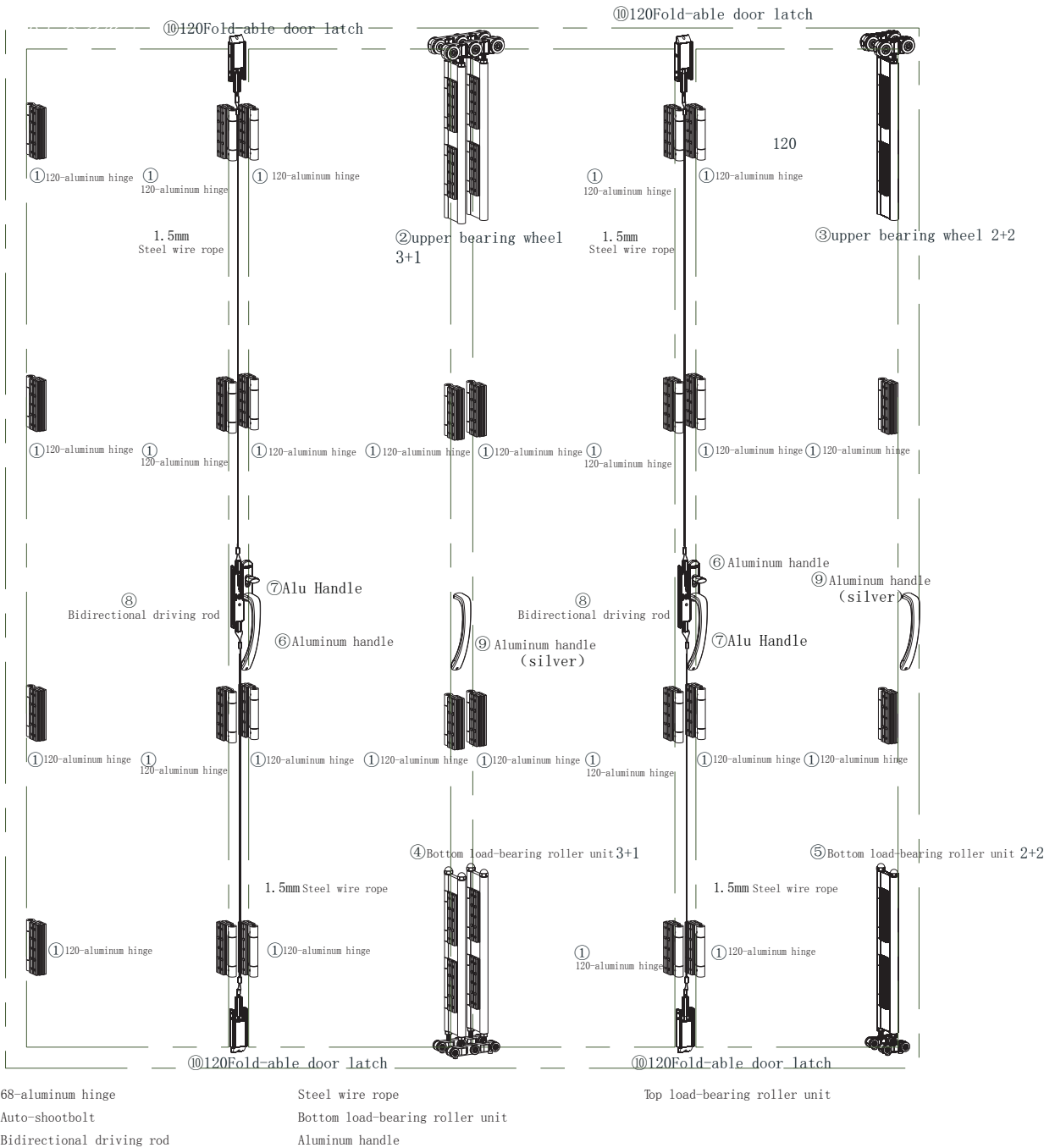


This sliding-folding system is suitable for 120 series thermal break aluminum extrusions. The surface of aluminum handles can be treated as gold or silver color. The surface of copper handles can be treated as oil sealed gold color.

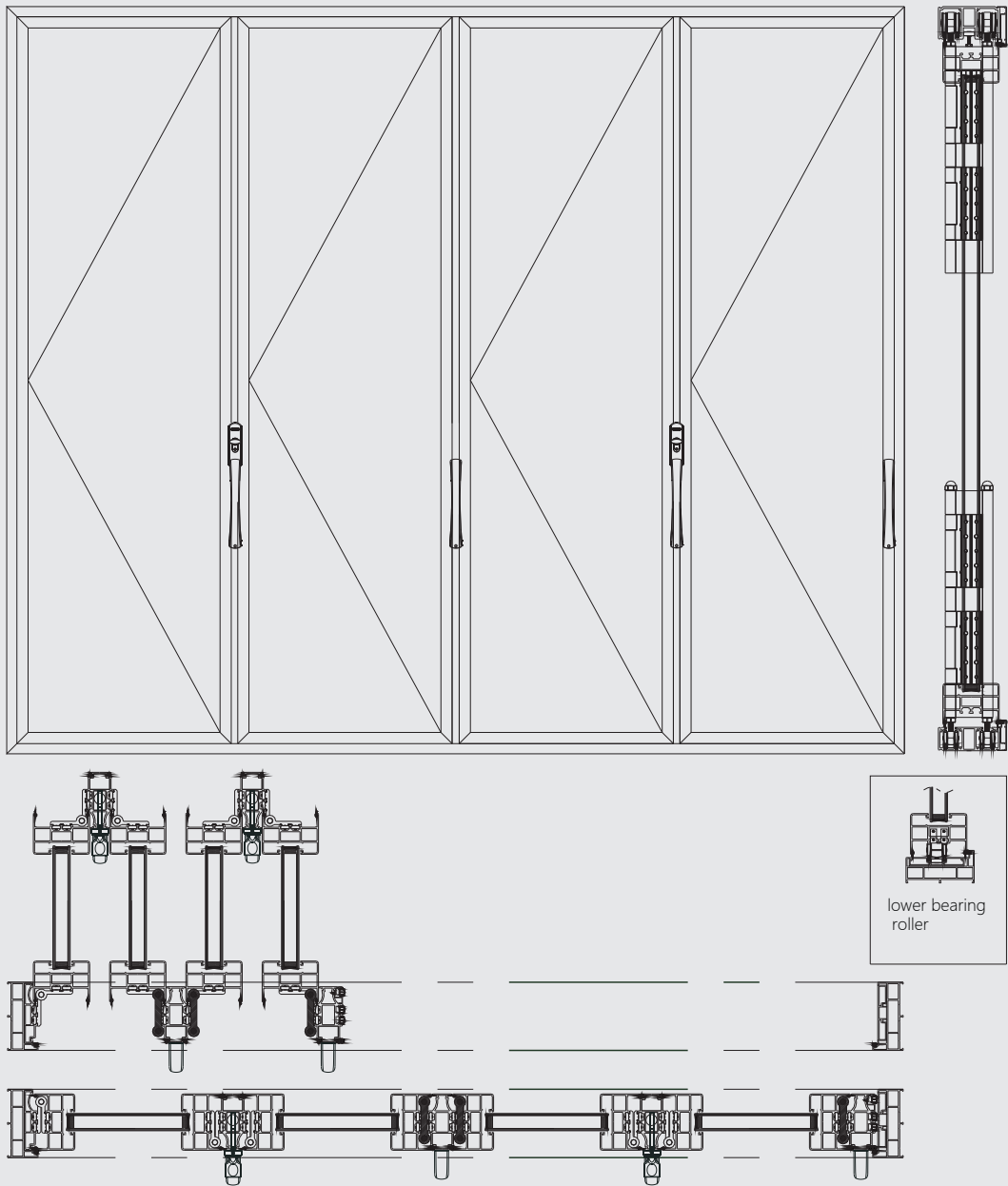


Model No. : YL-HEAVY-120-2

extra heavy duty, max weight of door sash: 200kgs

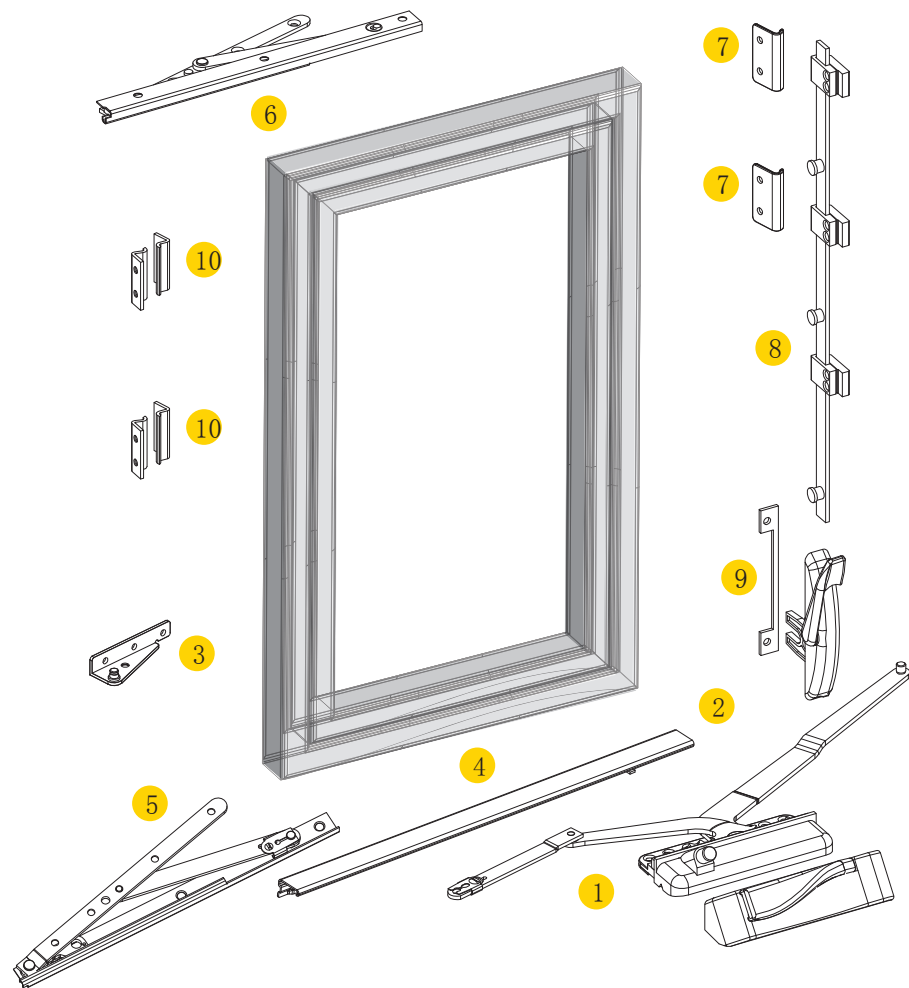


440 Hardware profile configuration



This sliding-folding system is suitable for 120 series thermal thermal break aluminum extrusions.
The surface of aluminum handles can be treated as gold or silver color. The surface of copper handles can be treated as oil sealed gold color.

HARDWARE FOR AMERICAN STYLE CASEMENT WINDOW

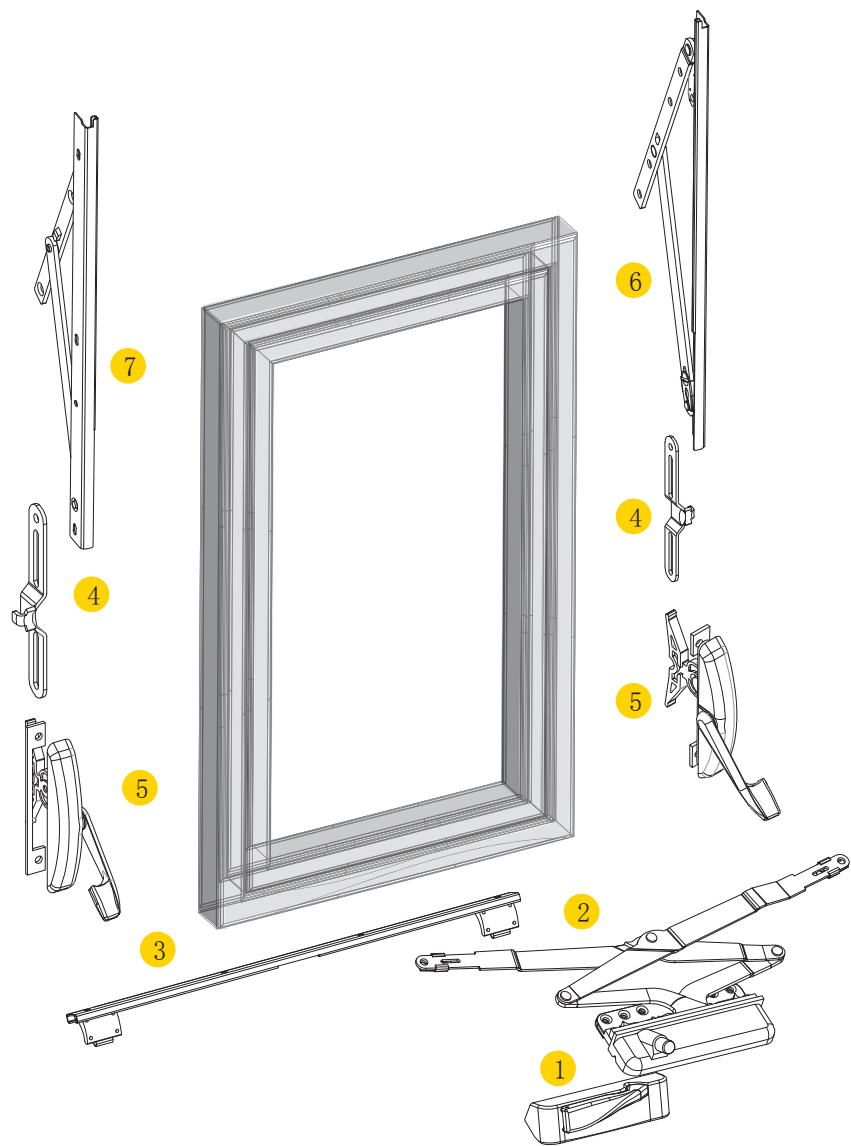


HARDWARE FOR
ALUMINUM
DOOR & WINDOW



No.	Item Name	Spec.	Item No.
1	Trim Cover Crank		WYB01L/R
		R	WYB02
		L	WYB03
2	Window Operator	18.6 “	WYP0116L/R
		15.9 “	WYP0216L/R
		18.9 “	WYP0219L/R
3	Support Bracket		WZJ01L/R
4	Channel Sliding Block	368	WHC02-368
		224	WHC04-224
		289	WHC04-289
		320	WHC04-320
		368	WHC04-368
5	Friction Stay (left)	10 “	W18210-1L
6	Friction Stay (Right)	10 “	W18210-1R
7	Transmission Bar Guide		WZ01
8	Transmission Bar	380mm	WC01700
		581mm	WC01900
		886mm	WC011200
9	Locking Handle	39.7mm	WYBZ0118
		34.3mm	WYBZ0334
		40.7mm	WYBZ0341
		47.1mm	WYBZ0347
10	Keeper		WM01

HARDWARE FOR AMERICAN STYLE AWNING WINDOW



HARDWARE FOR
ALUMINUM
DOOR & WINDOW



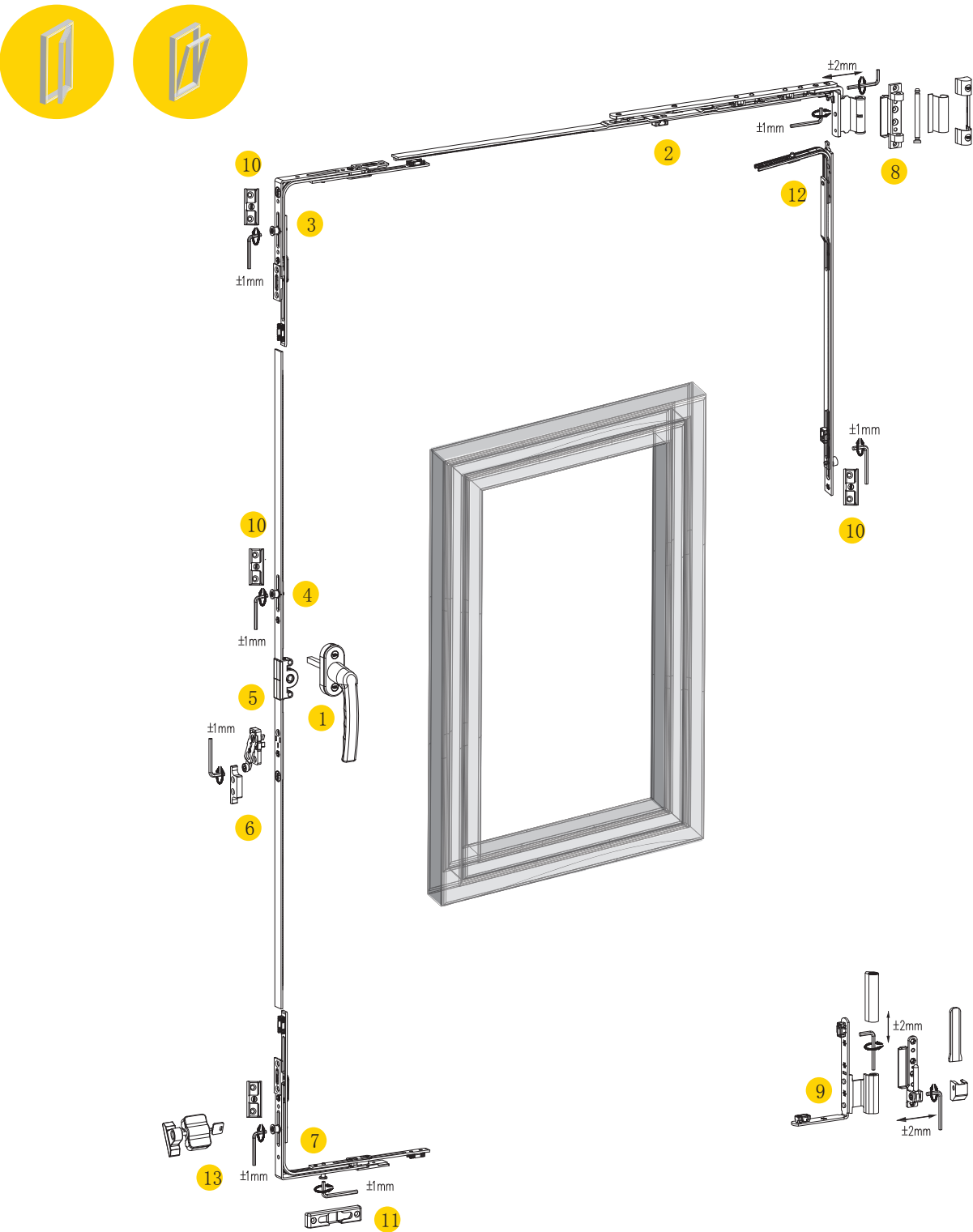
No.	Item Name	Spec.	Item No.
1	Trim Cover Crank		WYB01L/R
2	Window Operator	14.4 “	WYX0116R
3	Channel sliding block	WHC01	
		Chute	WHC03-241
			WHC03-349
			WHC03-406
			WHC03-352
		Sliding block	WHK03
4	Single-point Fix Base		WZ03
5	Locking Handle	39.5mm	WYBZ0241
		37.5mm	WYBZ0441
6	Three Bar Hinge(left)	10 “	W18210-1R
		13 “	W18213-1R
7	Three Bar Hinge(Right)	10 “	W18210-1L
		13 “	W18213-1L



**HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW**



HARDWARE FOR TIMBER TILT&TURN WINDOW



HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW

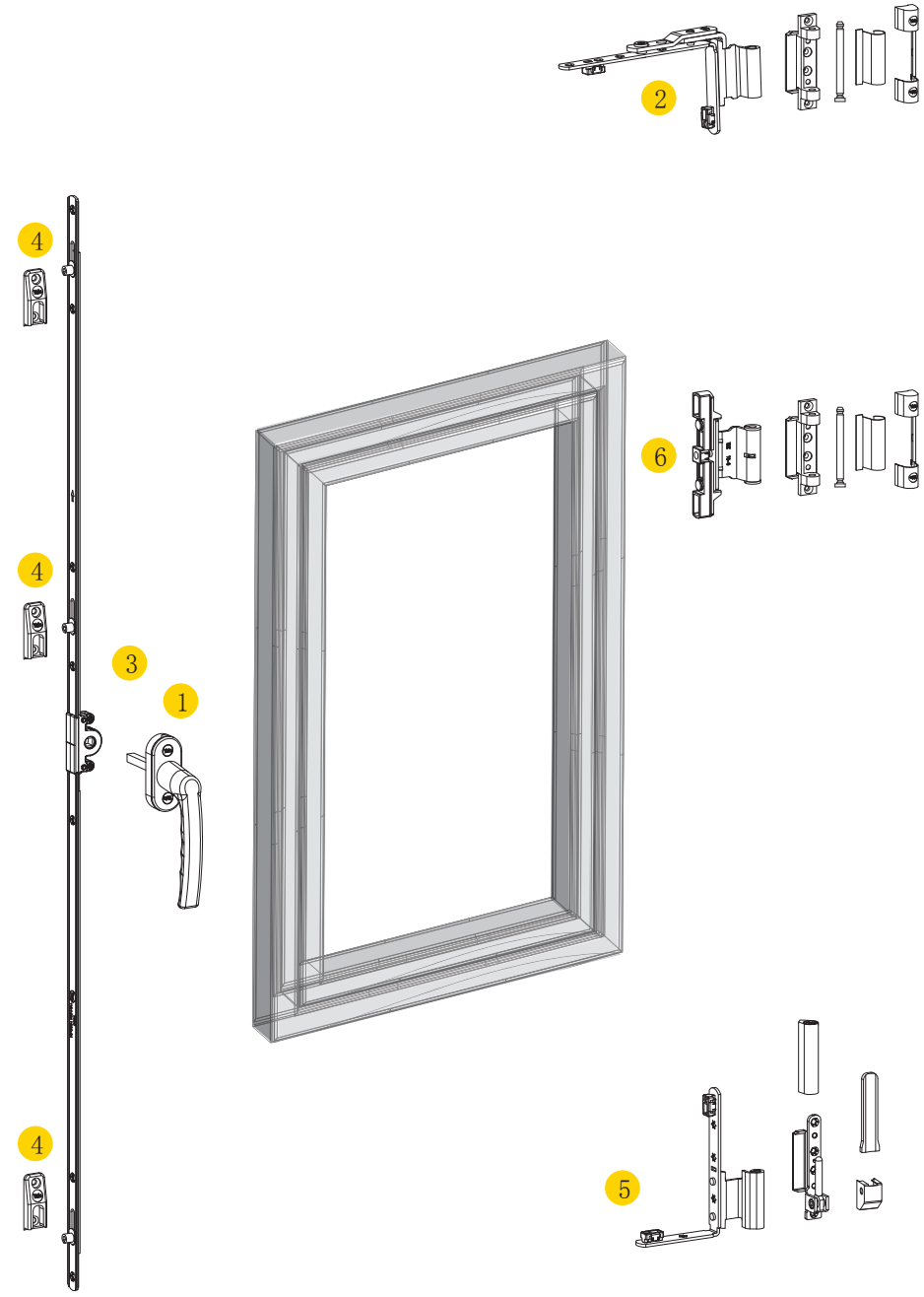
No.	Item Name	Series	Spec.	Item No.
1	Handle	Optional		YFZ0630
2	Tilt&Turn Hinge L/R	12/18-13	385-570	YX1306570
			571-790	YX1306790
			791-1000	YX13061000
		12/18-9with mushroom locking pin	1001-1300	YX13061300
			385-570	YX904570
			571-790	YX904790
3	Corner	12/18-13	160×160	YZJ1001. 1
		12/18-9with mushroom locking pin	160×160	YZJ1003. 1
4	Transmission Gear	12/18-13	501-700	YL1501700
			701-1200	YL15011200
			1201-1700	YL15011700
			1701-2000	YL15012000
		12/18-9with mushroom locking pin	2001-2300	YL15012300
			501-700	YL1501700
			701-1200	YL15011200. 1
			1201-1700	YL15011700. 1
5	Mis-handling Device			YWC001L/R
6	Mis-handling Device Keeper		(Width) 19mm	YDK0902
7	Sash Lifting Parts	12/18-13	160×160	YTQ1003
		12/18-9with mushroom locking pin		YTQ1003. 1
8	Top Hinge Parts			YSJ02
9	Bottom Hinge (L/R)		9	YXJ902L/R
10	Keeper	12/18-13	(Width) 19mm	YSK08
		12/18-9with mushroom locking pin		YSK18
11	Sash Lifting Seat		(Width) 18.5mm	YTQZ05
12	Center Lock(optional)	12/18-13	300	YZS02300
			500	YZS02500
			700	YZS02700
		12/18-9with mushroom locking pin	300	YZS03300
			500	YZS03500
			700	YZS03700
13	Children Safety Lock(optional)			AQS06



Suitable for timber window with 12/18-9 ,12/18-13 Euro-slot.
Available sash width FFB: 385mm-1300mm and height FFH: 501mm-2300mm.

Two opening ways cover the function of turn open and tilt open.
The ventilation degree is adjustable.

HARDWARE FOR TIMBER INWARD-OPEN WINDOW



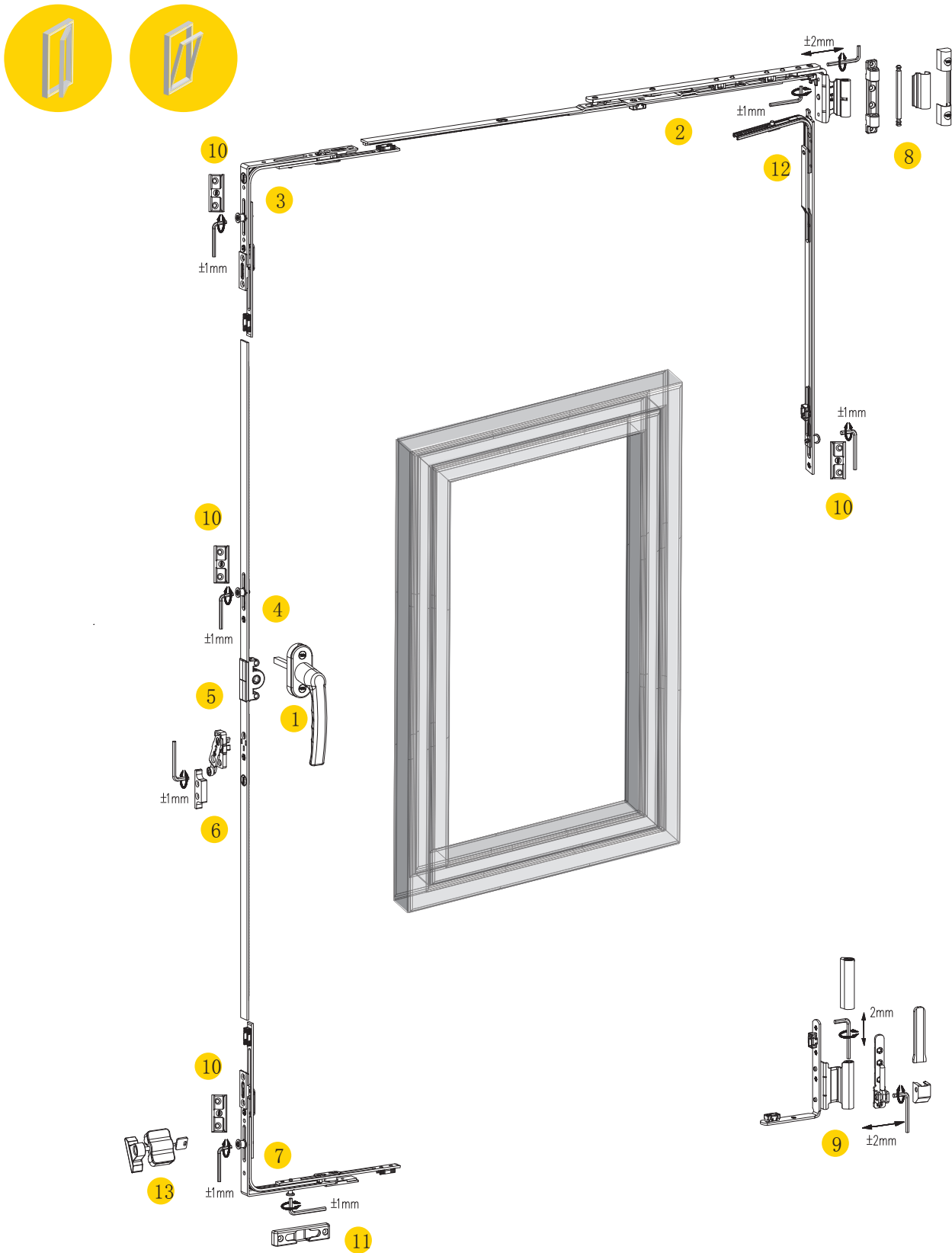
HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW



No.	Item Name	Spec.		Item No.
1	Handle	Optional		YFZ0630
2	Top Hinge	12/18-13		YPJ1306
		12/18-9		YPJ902
3	Espagnolette	Backset 15mm	400	YQ1501400
			600	YQ1501600
			800	YQ1501800
			1000	YQ15011000
			1200	YQ15011200
			1400	YQ15011400
4	Keeper	(Width) 16mm		YSK09
		(Width) 19mm		YSK10
5	Bottom Hinge (L/R)	12/18-13		YXJ1304L/R
		12/18-9		YXJ902L/R
6	Center Hinge	12/18-13		YSZJ1302
		12/18-9		YSZJ902

Suitable for timber inward open window with standard 12/18-9,12/18-13 U type Euro-slot.
Available sash width FFB400mm-1200mm and height FFH 400mm-1500mm

HARDWARE FOR ALU-WOOD TILT&TURN WINDOW



HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW

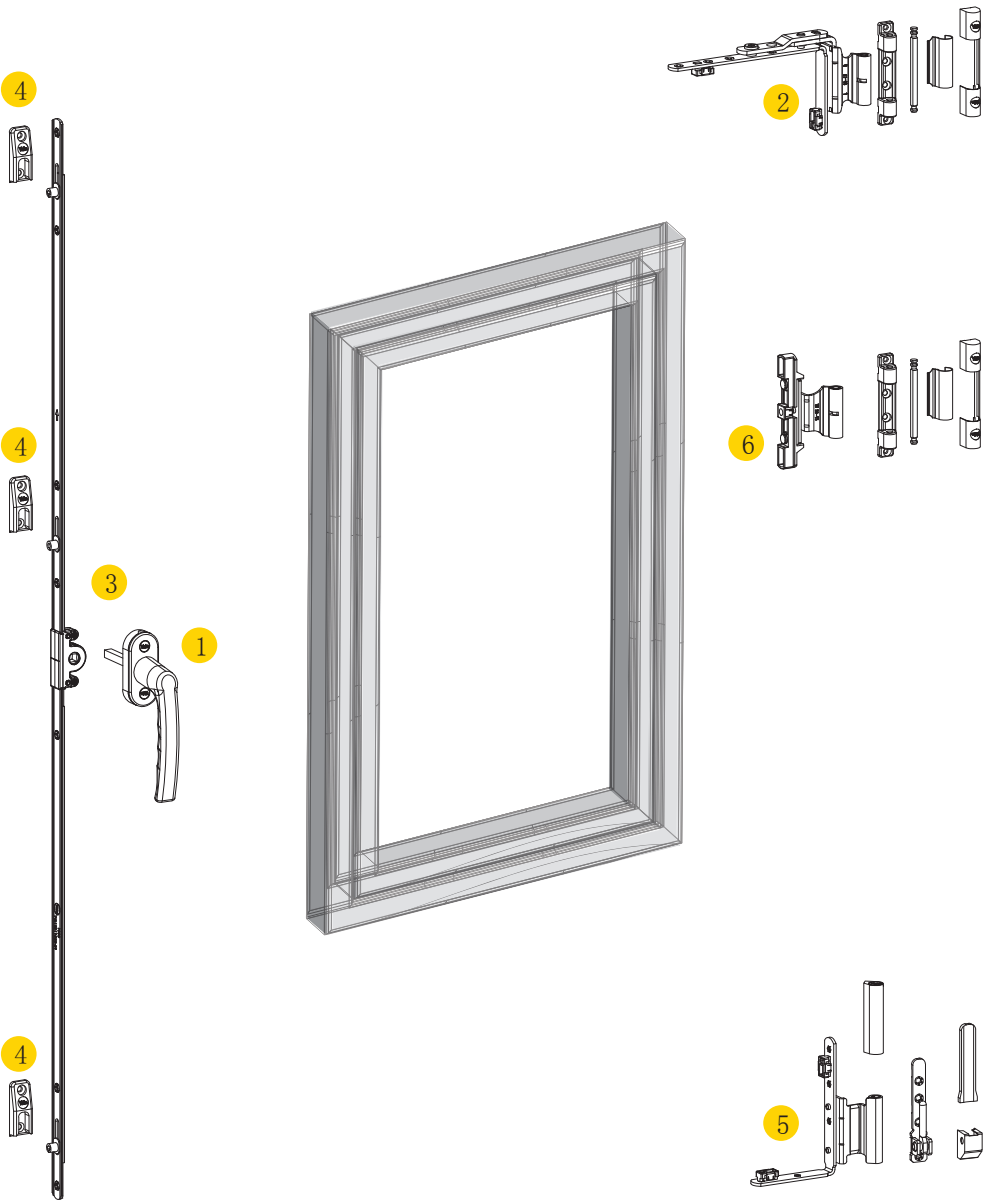
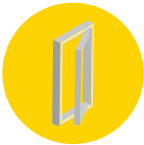


No.	Item Name	Series	Spec.	Item No.
1	Handle	Optional		YFZ0630
2	Tilt&Turn Hinge L/R	12/18-13 with mushroom locking pin	385-570	YX1303570
			571-790	YX1303790
			791-1000	YX13031000. 1
			1001-1300	YX13031300. 1
3	Corner	12/18-13 with mushroom locking pin		YZJ1003. 1
4	Transmission Gear	12/18-13 with mushroom locking pin	501-700	YL1501700
			701-1200	YL15011200. 1
			1201-1700	YL15011700. 1
			1701-2000	YL15012000. 1
			2001-2300	YL15012300. 1
5	Mis-handling Device			YWC001L/R
6	Mis-handling Device Keeper		12/18-13 with mushroom locking pin	YDK1301
7	Sash Lifting Parts	12/18-13 with mushroom locking pin		YTQ1003. 1
8	Top Hinge Parts			YSJ01
9	Bottom Hinge (L/R)		12/18-13 with mushroom locking pin	YXJ1301L/R
10	Keeper	12/18-13 with mushroom locking pin		YSK19
11	Sash Lifting Seat		(Width)18.5mm	YTQZ14
12	Center Lock	12/18-13 with mushroom locking pin	300	YZS03300
			500	YZS03500
			700	YZS03700
13	Children Safety Lock(optional)			AQS06

Suitable for ALUM-WOOD window with standard 12/20-13 U type Euro-slot.
Available sash width FFB: 385mm-1300mm and height FFH: 501mm-2300mm.

Two opening ways: Turn or Tilt open. The ventilation degree is adjustable.

HARDWARE FOR ALU-WOOD INWARD-OPEN WINDOW



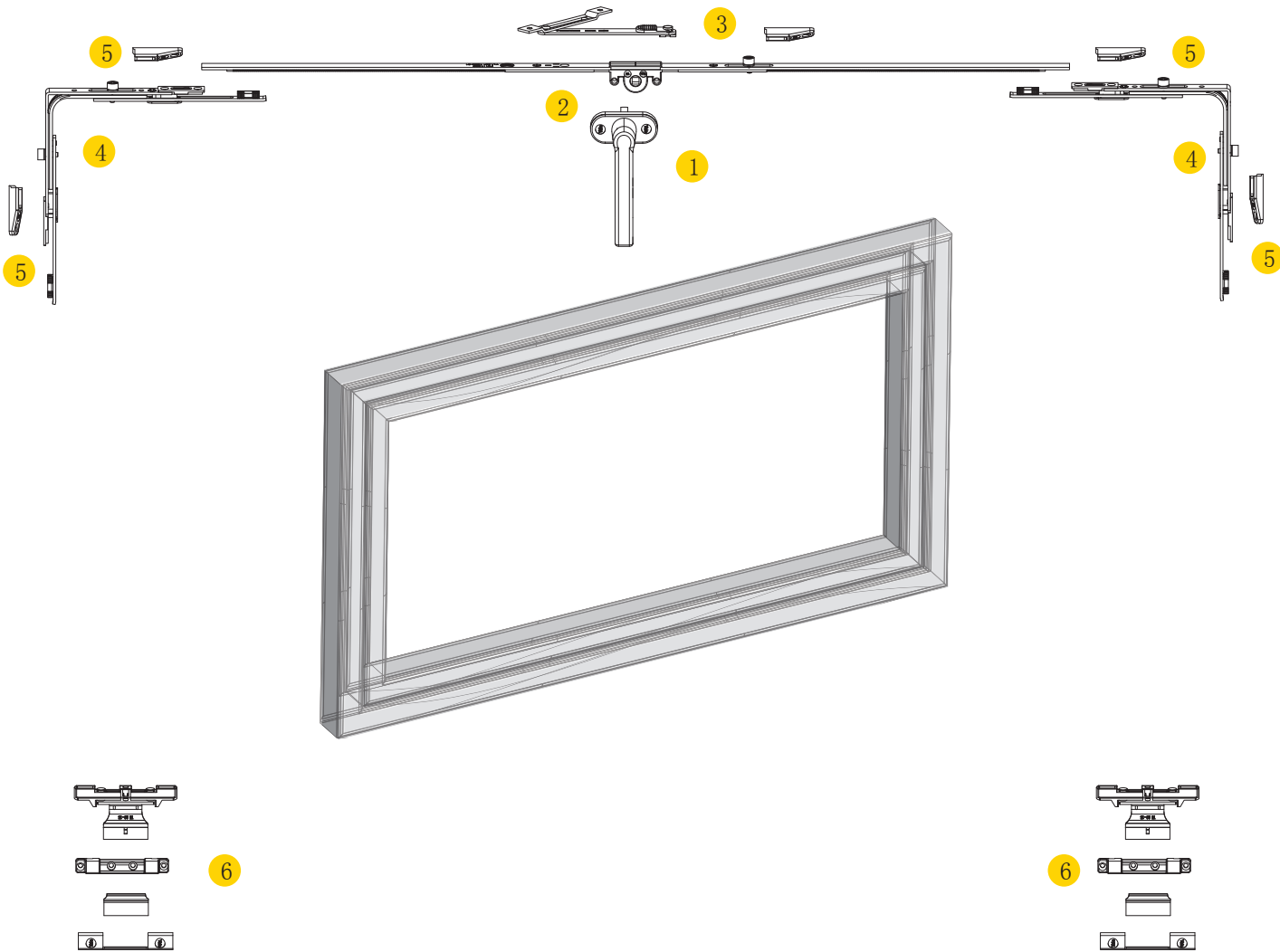
HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW



No.	Item Name	Spec.		Item No.
1	Handle	Optional		YFZ0630
2	Top Hinge	12/18-13		YPJ1304
3	Espagnolette	Backset 15mm	400	YQ1501400
			600	YQ1501600
			800	YQ1501800
			1000	YQ15011000
			1200	YQ15011200
			1400	YQ15011400
4	Keeper	(Width) 16mm		YSK09
		(Width) 19mm		YSK10
5	Bottom Hinge (L/R)	12/18-13		YXJ1301L/R
6	Center Hinge	12/18-13		YSZJ1301

Suitable for ALUM-WOOD window with standard 12/20-13 Euro-slot.
Available sash width FFB: 400mm-1200mm and height FFH: 400mm-1500mm.

HARDWARE FOR ALU-WOOD INWARD TILT-OPENING WINDOW



HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW

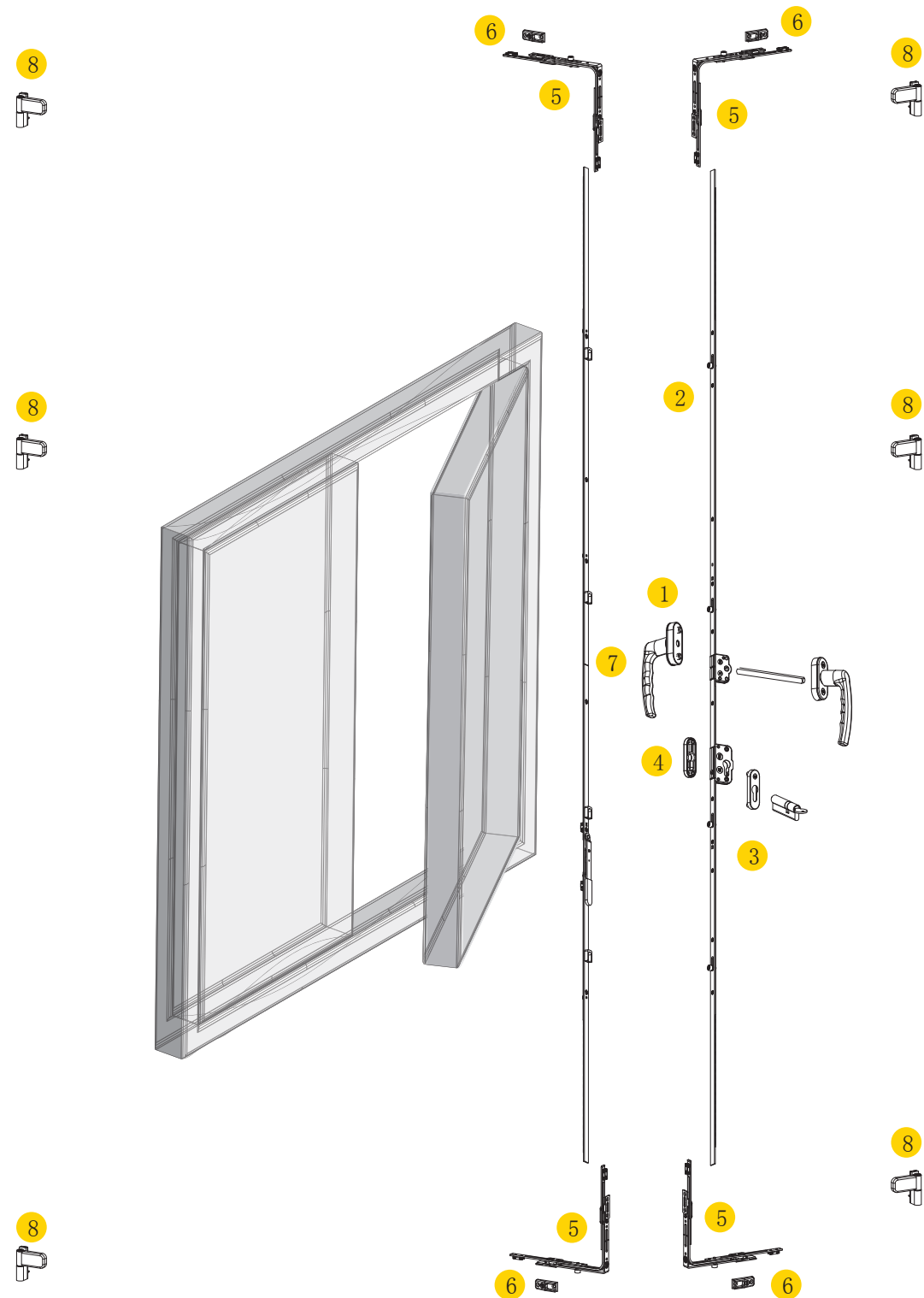


No.	Item Name	Spec.	Item No.
1	Handle	Optional	YFZ0130
2	Transmission Gear	501-700	YL1501700
		701-1200	YL15011200
		1201-1700	YL15011700
3	Friction Stay		Y064100
4	Corner	160*160	YZJ001
5	Keeper		YSK08
6	Middle Hinge		YSZJ1301

Suitable profile: ALU-WOOD inward open window with 12/20-13 eruo-slot
Available sash width FFB: 470mm-1700mm and height FFH: 420mm-1200mm.

Open style: Tilt open makes window in safe ventilation.

HARDWARE FOR ALU-WOOD DOUBLE SASH DOOR



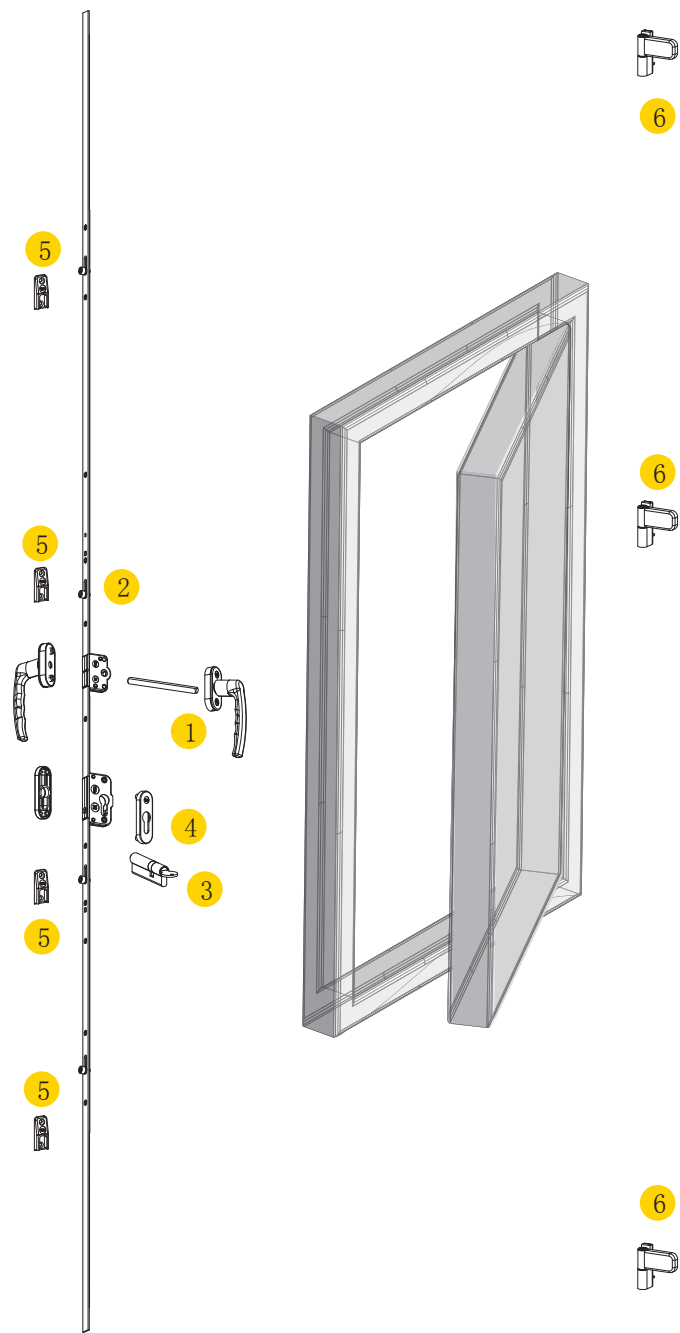
HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW



No.	Item Name	Spec.	Item No.
1	Door Handle	Optional	YSMZ04100
2	Multi-point door Lock	1900-2400	YSZLD35012400
		1900-2400	YSZLD40012400
		1900-2400	YSZLD45012400
3	Cylinder	(Optional)	YMDD45*45
4	Cylinder Cover	(Anodizing)	YSSB02
		(Powder coating)	YSSB01
5	Corner	160×160	YZJ1001.1
6	Keeper	width19mm	YSK08
		width16mm	YSK07
7	Transmission Bolt	1900-2400	YSLCD012400
8	Hinge	(Anodizing)	YPJ01
		(Powder coating)	YPJ02

1. Transmission Multi-point door lock meets the high requirements on airtight, watertight and wind pressure resistance.
2. Door hinge is 3D adjustable.

HARDWARE FOR ALU-WOOD SWING DOOR



6



6



6

HARDWARE FOR
TIMBER / ALU-WOOD
DOOR & WINDOW

No.	Item Name	Spec.	Item No.
1	Double Side Door Handle	(Optional)	YSMZ04100
2	Multi-point Door Lock	Backset 30mm	YQS30021600/ YQS30021800/ YQS30022000
		Backset 35mm	YQS35011600/ YQS35011800/ YQS35012000
		Backset 40mm	YQS40011600/ YQS40011800/ YQS40012000
		Backset 45mm	YQS45011600/ YQS45011800/ YQS45012000
3	Cylinder	(Optional)	YMDD45*45
4	Cover Plat	(Anodic oxidization)	YSSB02
		(Powder coating)	YSSB01
5	Keeper	width19mm	YSK08
		width16mm	YSK07
6	Hinge	(Anodic oxidization)	YPJ01
		(Powder coating)	YPJ02
		(Electroplating)	VS60-3D

Yale® **HANDEL**
FOR DOOR & WINDOW



YFZ05 ☐☐
Inward-open spindle handle



YBZW03 ☐☐ L/R
Outward-open fork handle



YBZ0625
T&T open handle



YSMZ05 ☐☐☐
Separated Door handle



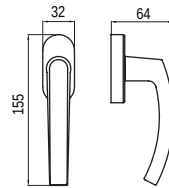
YMSZ9203 ☐☐☐ / YMSZ8503 ☐☐☐
Integrated Door handle

ALUMINUM

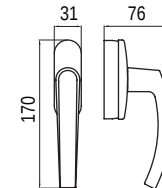
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- BROWN
- LIGHT BROWN
- GOLD
- SILVER

ALUMINUM

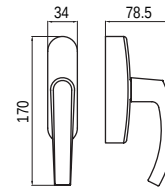
- BLACK
- BROWN
- LIGHT BROWN
- GOLD
- SILVER



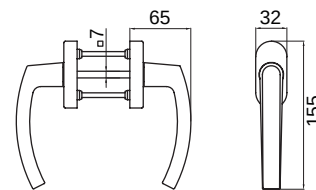
YFZ06 ☐☐
Inward-open spindle handle



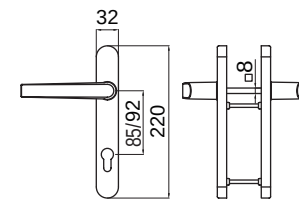
YBZW04 ☐☐ L/R
Outward-open fork handle



YBZ0725
T&T open handle



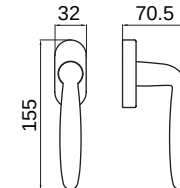
YSMZ06 ☐☐
Separated Door handle



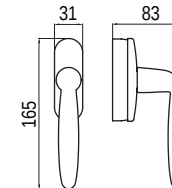
YMSZ9204 ☐☐ / YMSZ8504 ☐☐
Integrated Door handle

ALUMINUM

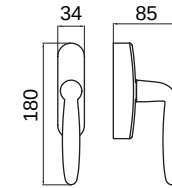
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- BROWN
- LIGHT BROWN
- GOLD
- SILVER



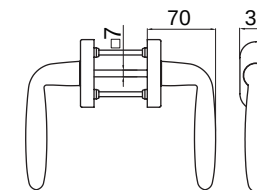
YFZ07 ☐☐
Inward-open spindle handle



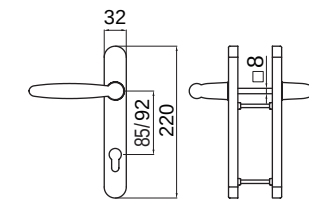
YBZW05 ☐☐ L/R
Outward-open fork handle



YBZ0825
T&T open handle



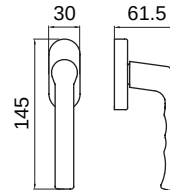
YSMZ07 ☐☐
Separated Door handle



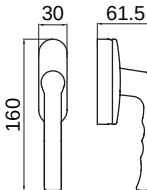
YMSZ9205 ☐☐ / YMSZ8505 ☐☐
Integrated Door handle

ALUMINUM

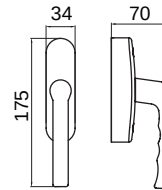
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- LIGHT BROWN
- GOLD
- SILVER



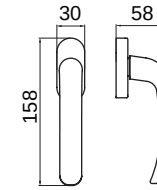
YFZ01 ☐☐
Inward-open spindle handle



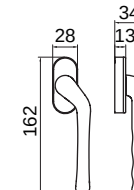
YBZW02 ☐☐ L/R
Outward-open fork handle



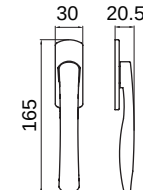
YBZ0322 | YBZ0522
T&T open handle
IN-open shifting fork handle



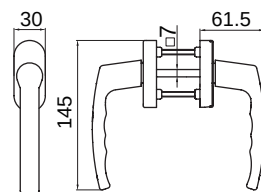
YFZ04 ☐☐
Inward-open spindle handle



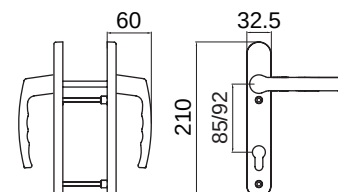
YFZS01 ☐☐ L/R
Inward-open for spindle handle



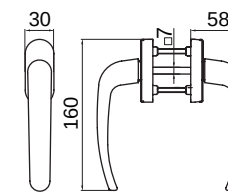
YFZ302 ☐☐
Inward-open for spindle handle



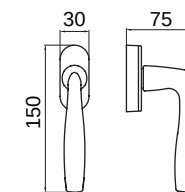
YSMZ04 ☐☐☐
Separated Door handle



YMSZ9202 ☐☐☐ | YMSZ8502 ☐☐☐
Integrated Door handle



YSMZ02 ☐☐☐
Separated Door handle



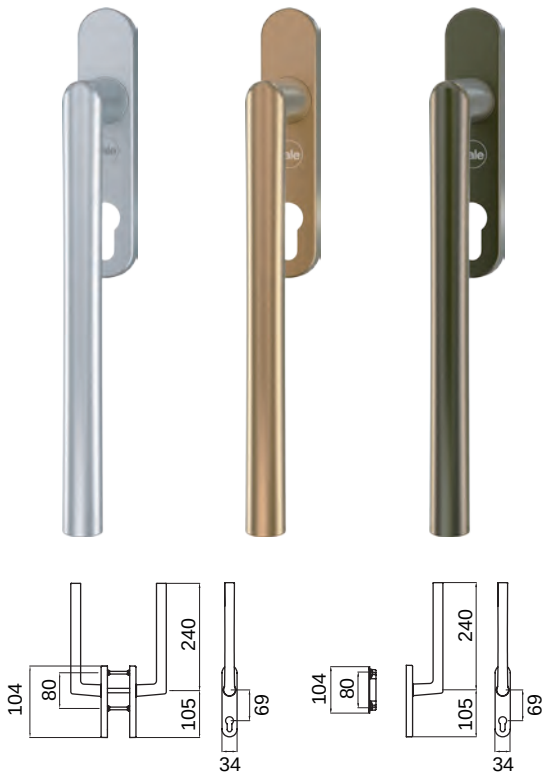
YFZ13 ☐☐
Inward-open spindle handle

ALUMINUM

- BLACK
- BROWN
- LIGHT BROWN
- GOLD
- SILVER

ALUMINUM

- BLACK
- BROWN
- LIGHT BROWN
- GOLD
- SILVER



YTMSZ6901100 | YTMSZ6902060
Lifting & sliding door handle

ALUMINUM

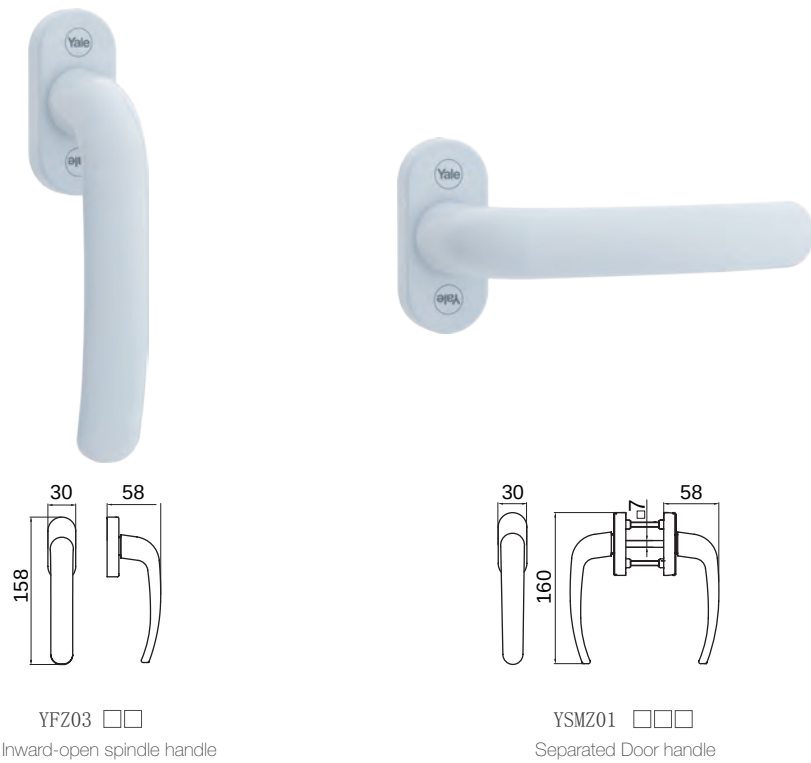
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- BROWN
- LIGHT BROWN
- GOLD
- SILVER



YTSMZ3502120 | YTSMZ3502070. 1
Lifting & sliding door handle

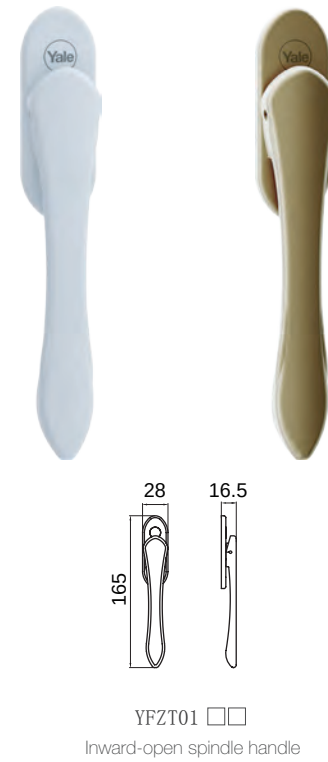
ALUMINUM

WHITE



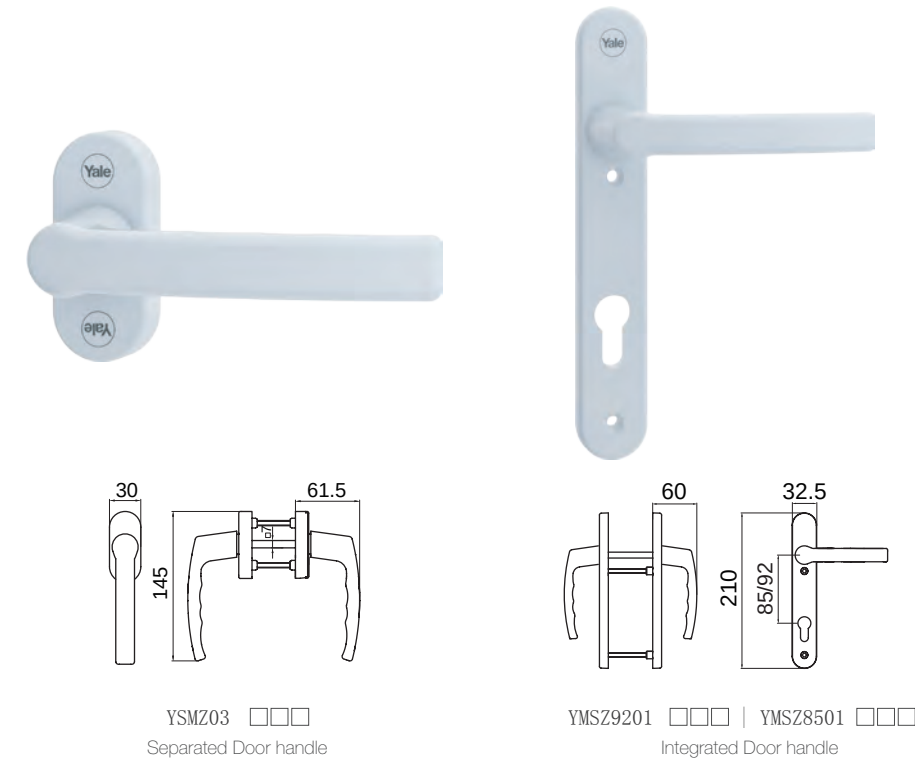
ZAMAK

GOLD
CHROME



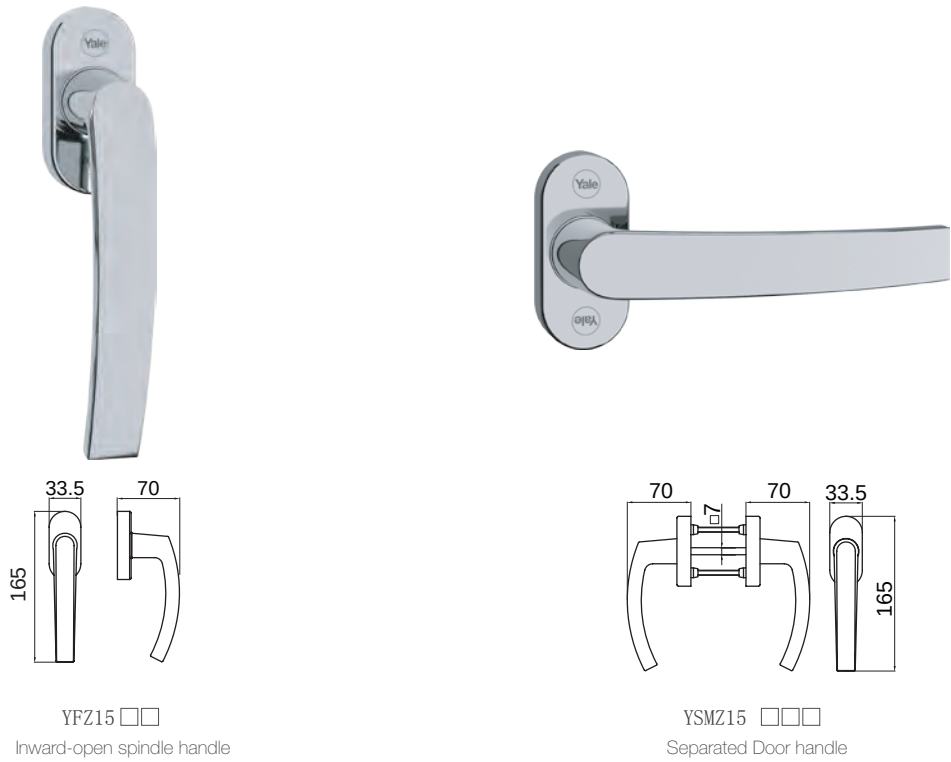
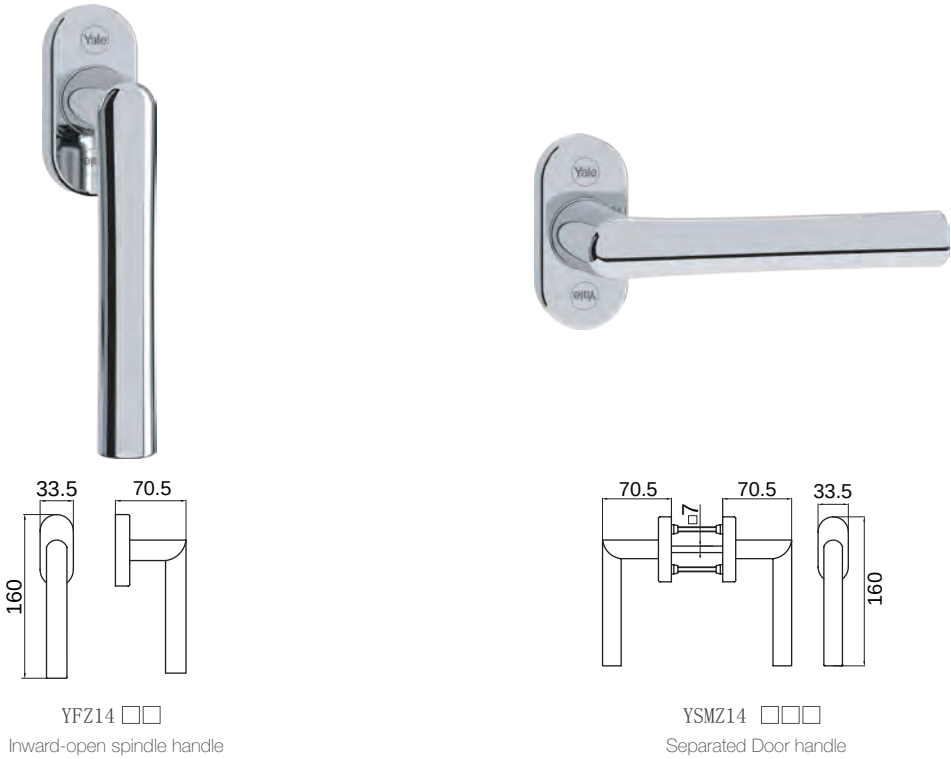
ALUMINUM

WHITE



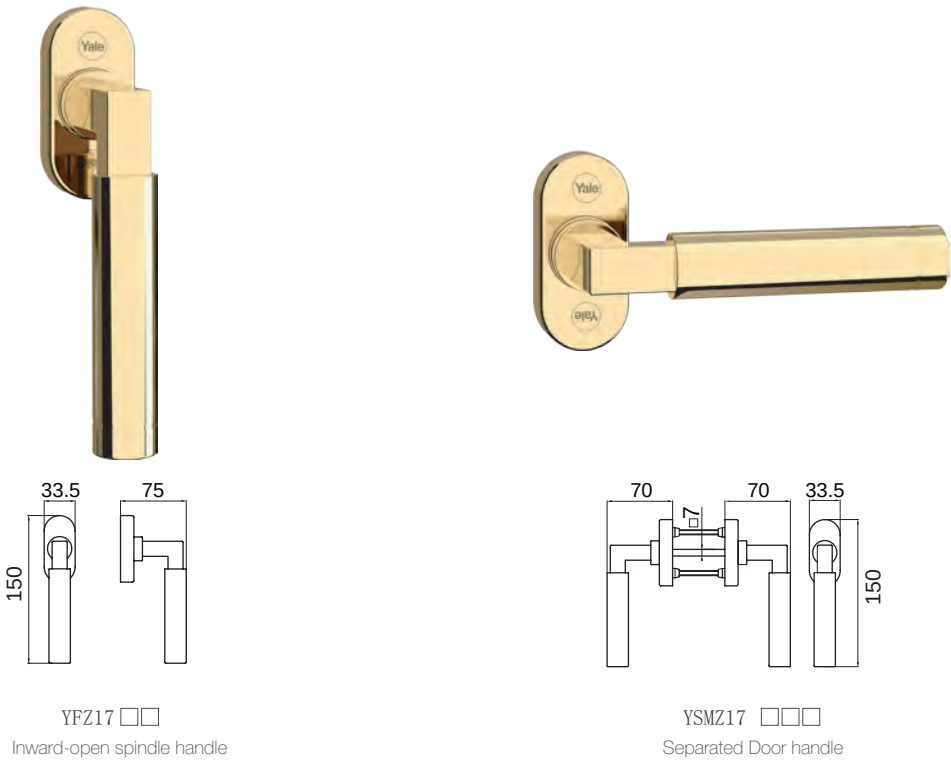
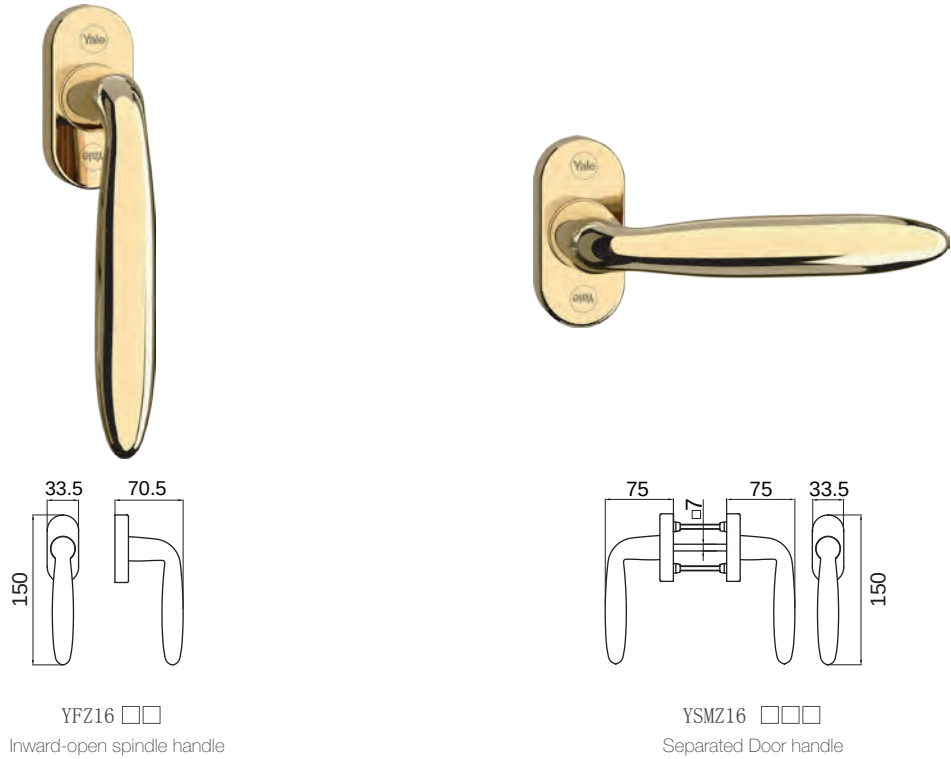
STAINLESS STEEL

- PVD GOLD
- SATIN
- POLISHED



STAINLESS STEEL

- PVD GOLD
- SATIN
- POLISHED



Yale CODE HANDLE
FOR WINDOW

CODE HANDLE

The world's favorite lock



ADVANTAGE



Open and lock easily without keys.



Effectively protect your privacy with 6 secret code.



Protect children from mishandling operations.



Use standard battery, no need to access DC power.



High grade anti-burglar, 10 minutes

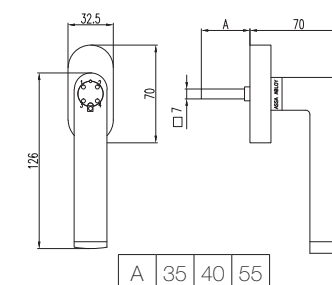


Security and protection

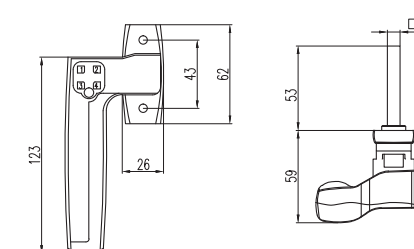
The handle will be locked in three minutes with light warning if the you type the wrong password for five times.



YFZ19



YFZ18L/R



Material : Zamak

Suitable for window, please keep the password well.

3D ADJUSTABLE CONCEALED HINGE

Yale® VS60-3D

Material: Zamak Opening angle: 180°

Item Name & Surface treatment

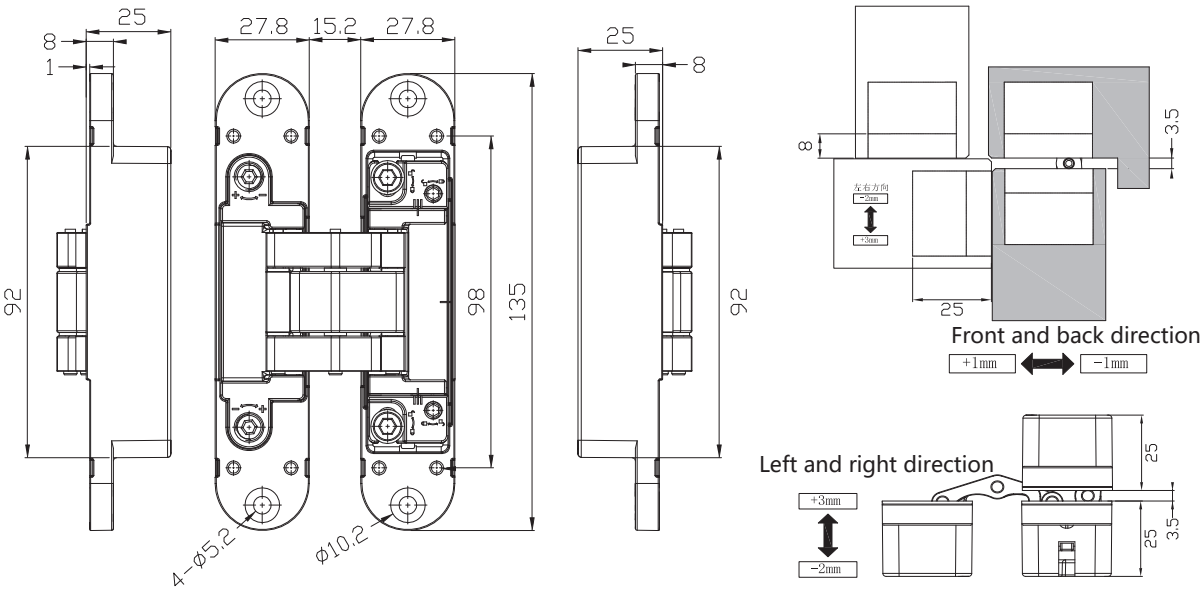
Item Name	Surface treatment
VS60-DC	Matt chrome plated
VS60-DN	Matt nickel plated
VS60-BL	Electrophoresis black

Applicable door specification

Max Door weight	60kg (2PCS)
Thickness	Above 38mm
Door size	Below 1000 width Below 2100 high

Adjustable range

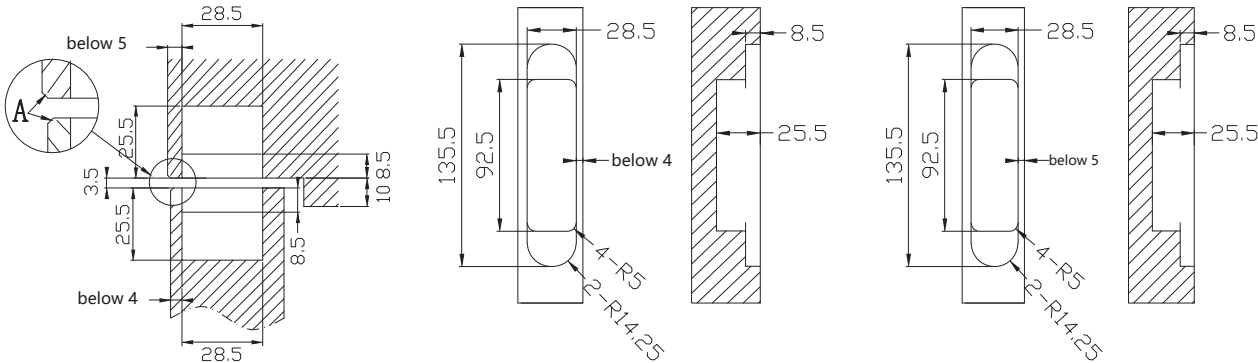
up and down	±2.5mm
left and right	±2.0mm
front and rear	Above ±1.0mm



Note: The A and the corner should be processed by C1 or R1

Door fan drawing

Door frame drawing



3D ADJUSTABLE CONCEALED HINGE

Yale® VS80-3D

Material: Zamak Opening angle: 180°

Instruction:

1. No use in the place which directly touch with snow and rain.
2. There is the possibility that door closer made the hinge damaged or abnormal operation of door closer didn't make the door close tightly. Please check door closer relatively.
3. If 3D hinge is found dropped, please don't close door strongly to avoid damage the hinges.
4. If door is out of shape or bending, the hinges fail on smooth operation and the door cannot be closed tightly.
5. Checking if fixing screws and adjustable rollers loosen at regular time.

Item Name & Surface treatment

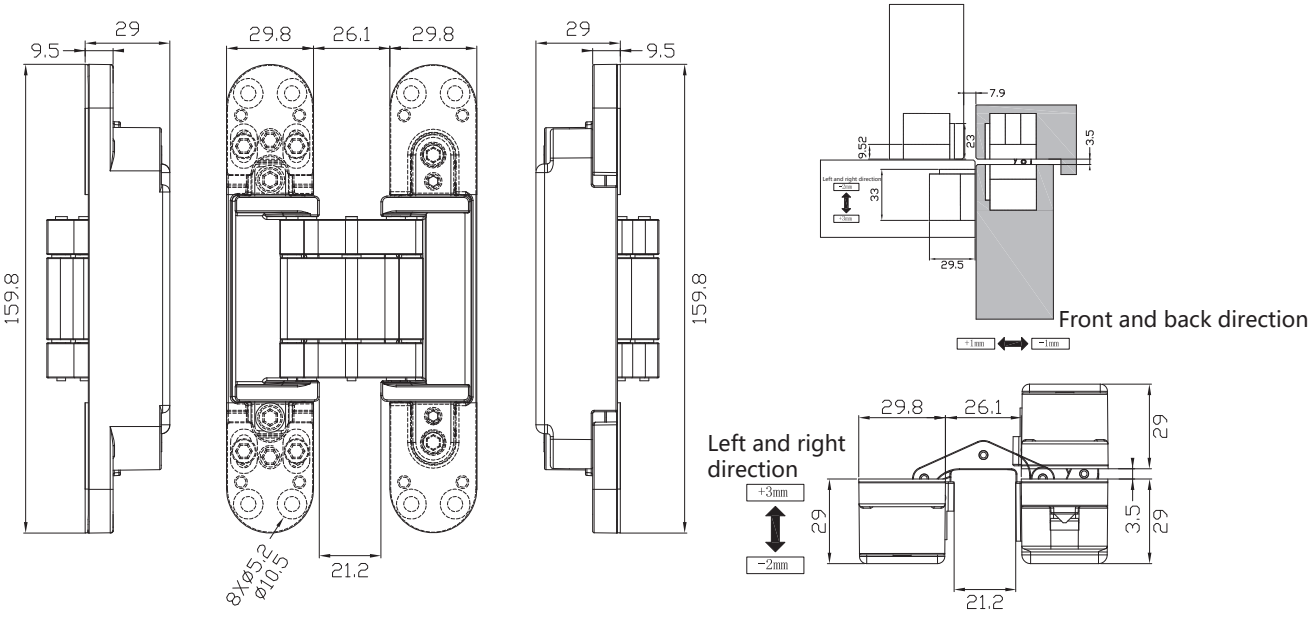
Item Name	Surface treatment
VS80-DC	Matt chrome plated
VS80-DN	Matt nickel plated
VS80-BL	Electrophoresis black

Applicable door specification

Max Door weight	80kg (2PCS)
Thickness	Above 48mm
Door size	Below 1000 width Below 2100 high

Adjustable range

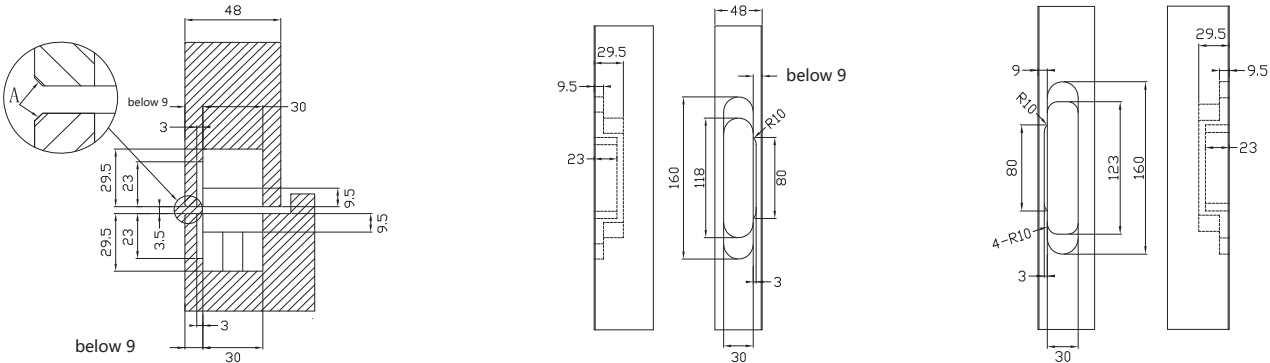
up and down	±3mm
left and right	+3mm, -2mm
front and rear	±1.0mm



Note: The A and the corner should be processed by C1 or R1

Door fan drawing

Door frame drawing



3D ADJUSTABLE CONCEALED HINGE

Yale® VS160-3D

Material: Zamak +aluminium Opening angle: 100°

Item Name & Surface treatment

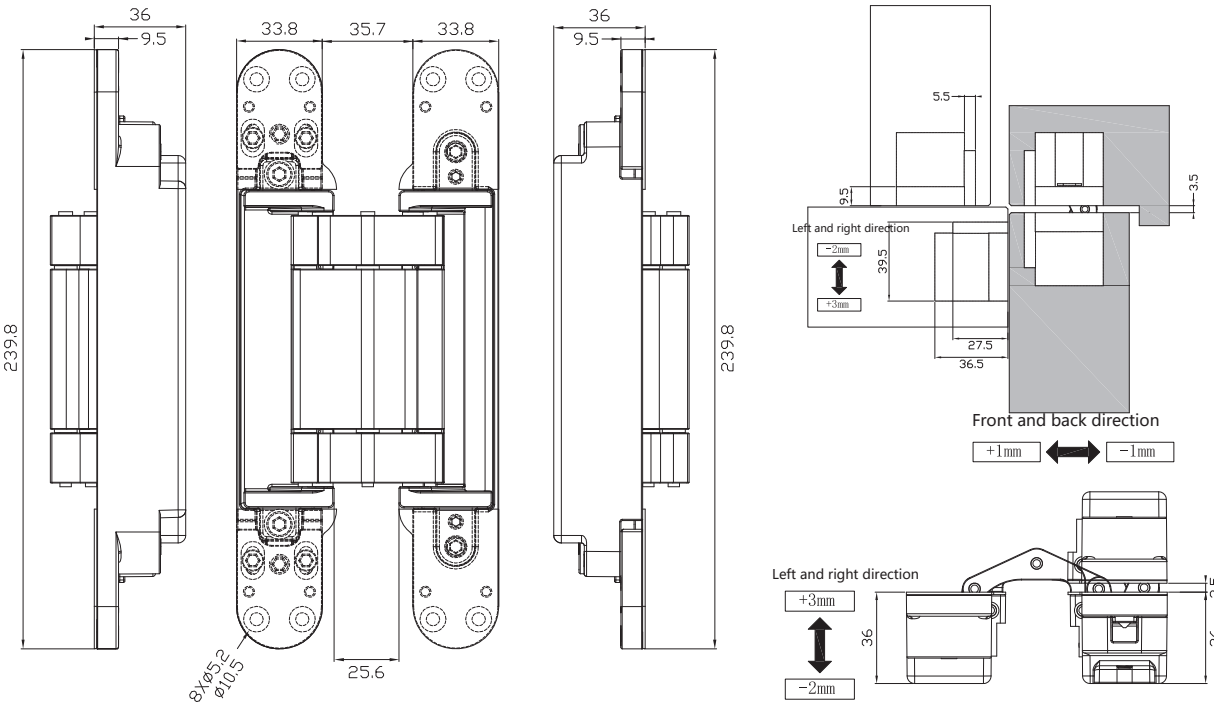
Item Name	Surface treatment
VS160-DC	Matt chrome plated
VS160-DN	Matt nickel plated
VS160-BL	Electrophoresis black

Applicable door specification

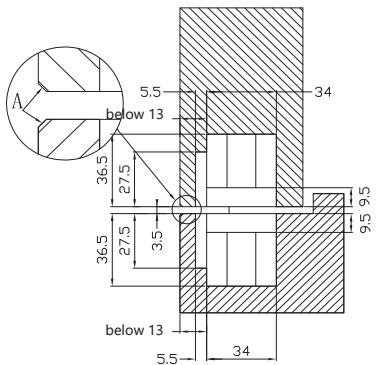
Max Door weight	160kg (2 pcs)
Thickness	Above 60mm
Door size	Below 1200mm width Below 2400mm height

Adjustable range

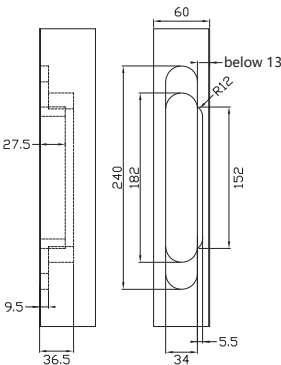
up and down	± 2.5mm
left and right	+3mm, -2mm
front and rear	± 1.0mm



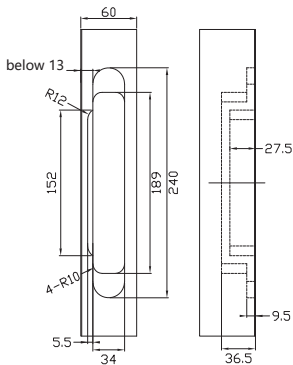
Note: The A and the corner should be processed by C1 or R1



Door fan drawing



Door frame drawing



Instruction:

1. No use in the place which directly touch with snow and rain.
2. There is the possibility that door closer made the hinge damaged or abnormal operation of door closer didn't make the door close tightly. Please check door closer relatively.
3. If 3D hinge is found dropped, please don't close door strongly to avoid damage the hinges.
4. If door is out of shape or bending, the hinges fail on smooth operation and the door cannot be closed tightly.
5. Checking if fixing screws and adjustable rollers loosen at regular time.

3D ADJUSTABLE CONCEALED HINGE

DH150-3D Yale®

Material: Zamak + aluminium Opening angle: 100°

Item Name & Surface treatment

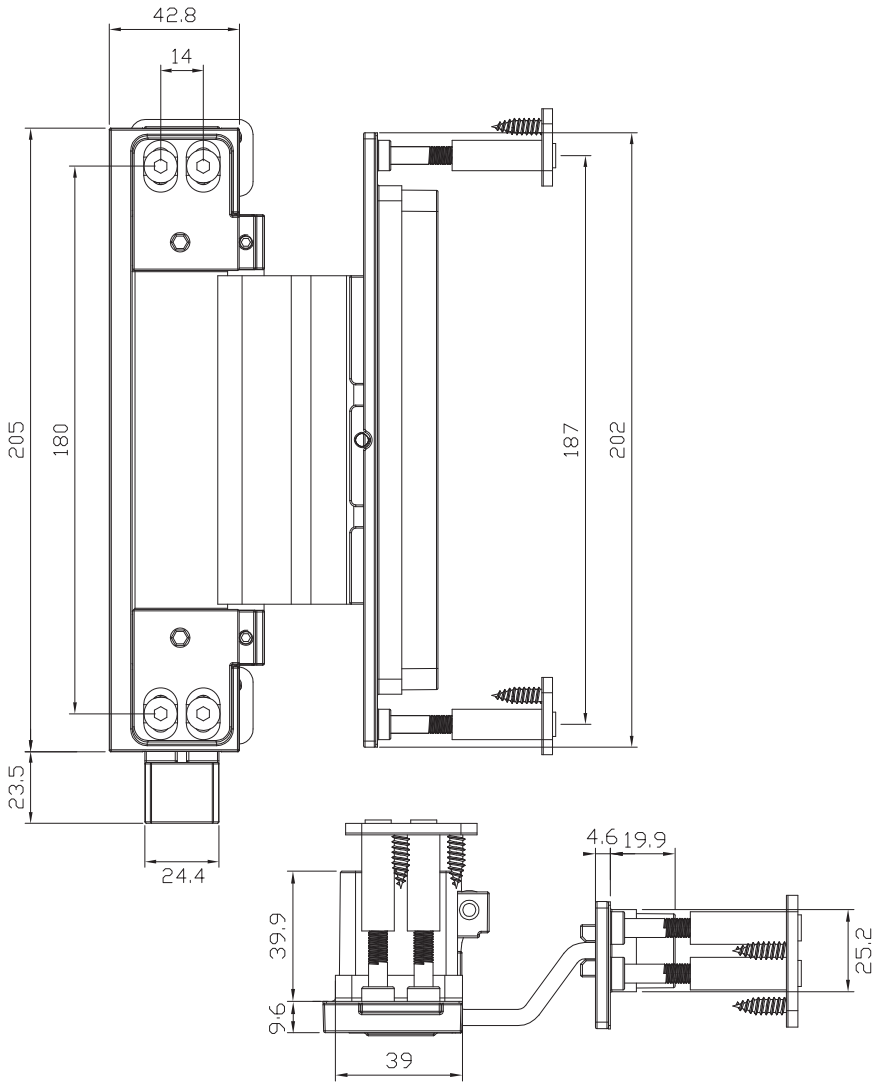
Item Name	Surface treatment
DH150-DC	Matt chrome plated
DH150-DN	Matt nickel plated
DH150-BL	Electrophoresis black

Applicable door specification

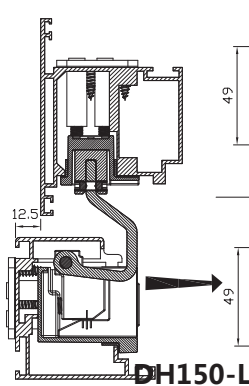
Max Door weight	150kg (2 pcs)
Thickness	Above 60mm
Door size	Below 1200mm width Below 2400mm height

Adjustable range

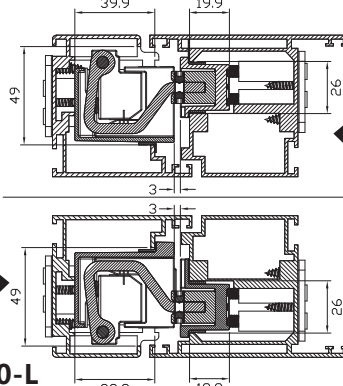
up and down	± 3mm
left and right	± 1.5mm
front and rear	± 1.0mm



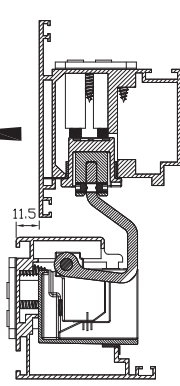
DH150-L



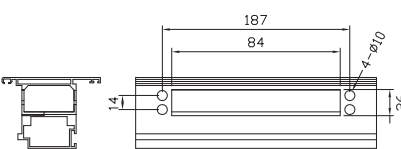
DH150-R



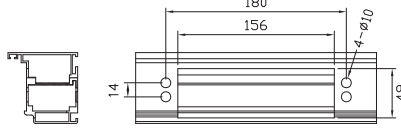
DH150-R



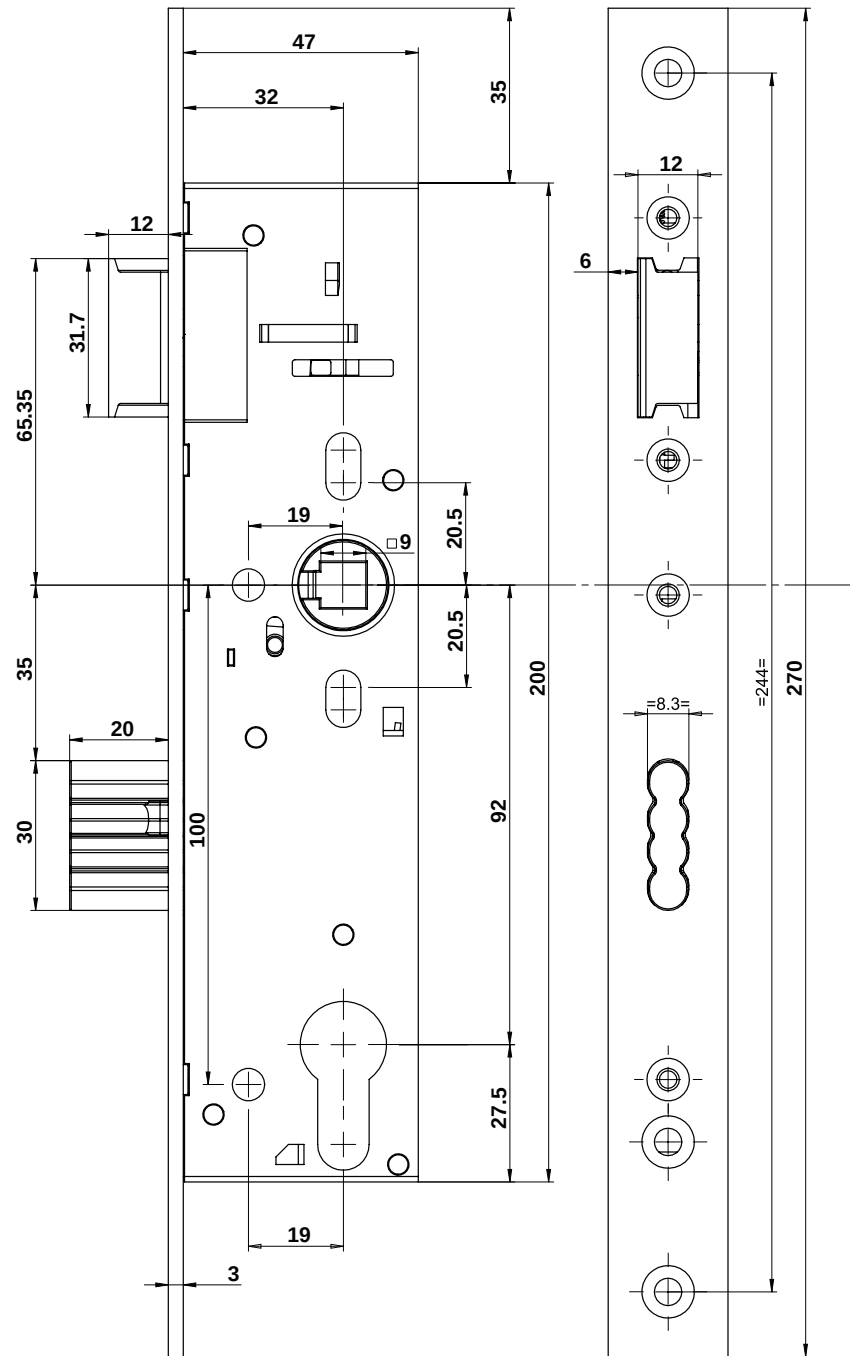
Door frame drawing



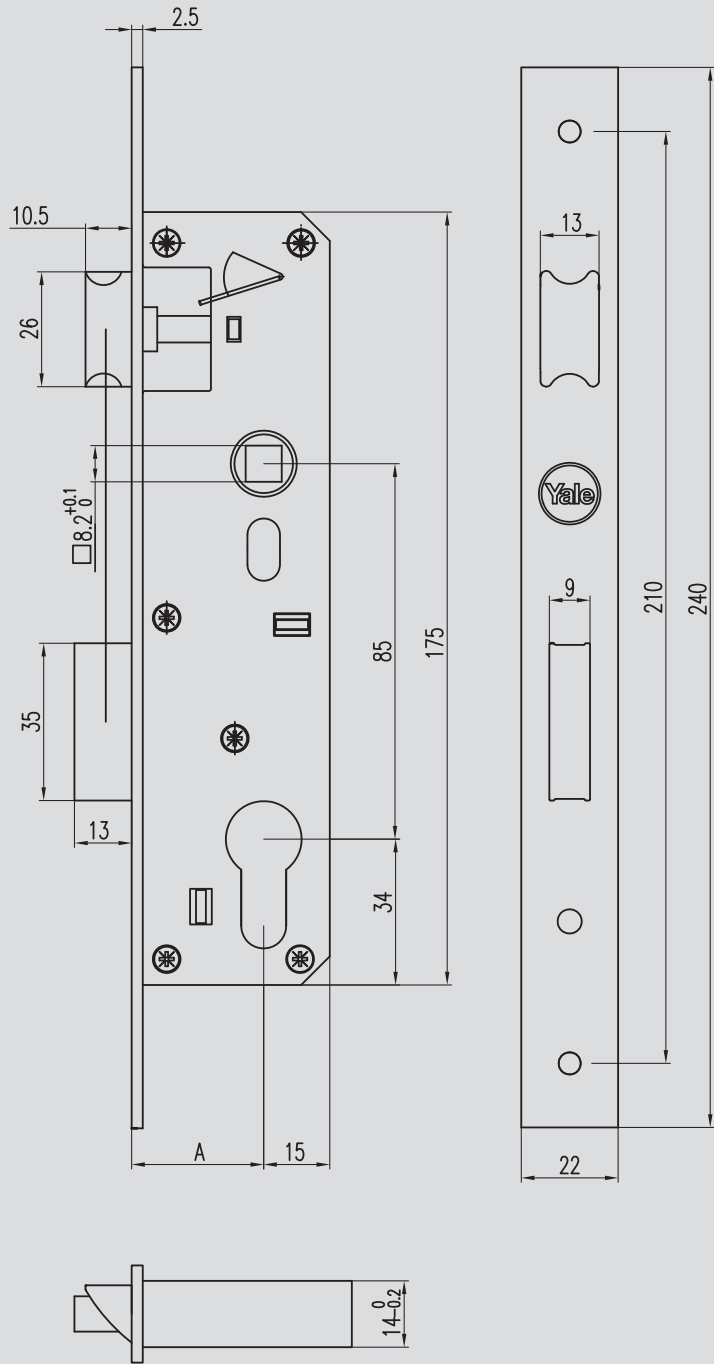
Door fan drawing



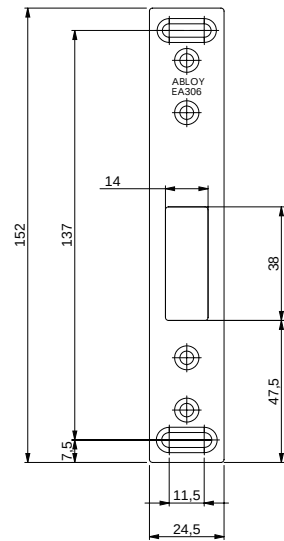
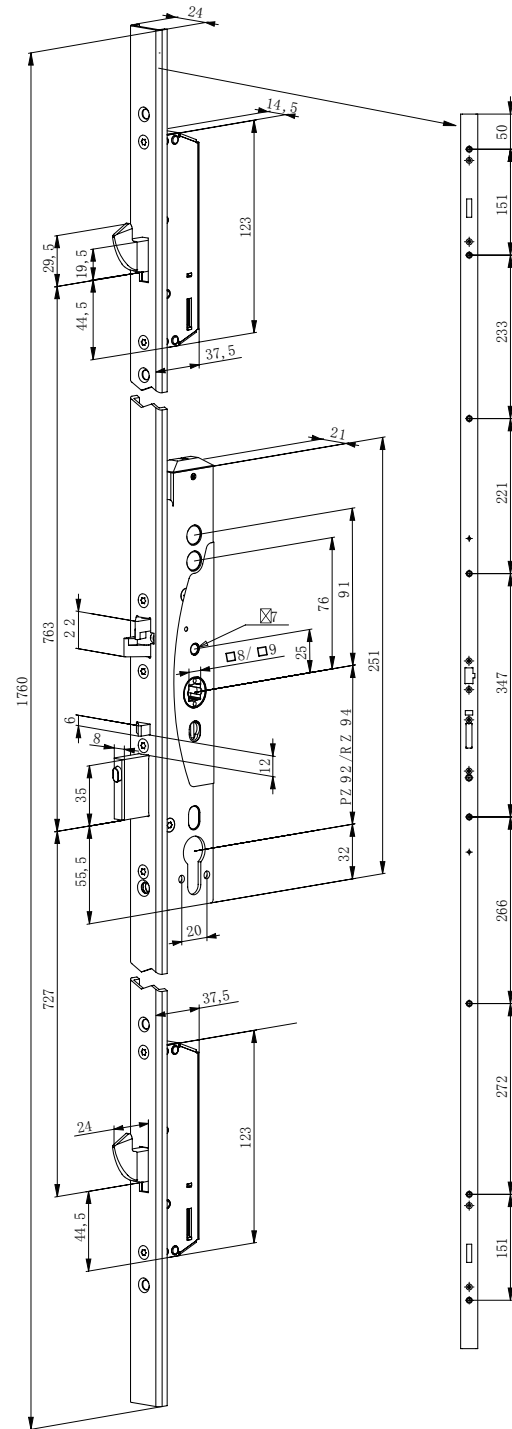
Model No. : N15000008520008
Backset : 30/35/40mm



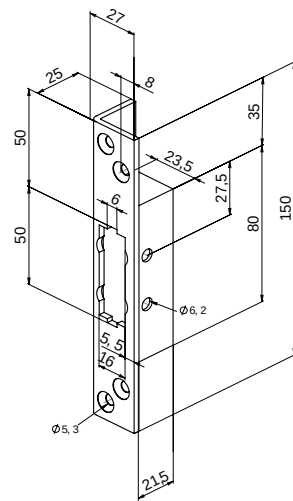
Model No. : YDS0125/YDS0130/YDS0135
Backset : 25/30/35mm



Model No. : 319NE0010504000
Backset : 30/35/40/45mm

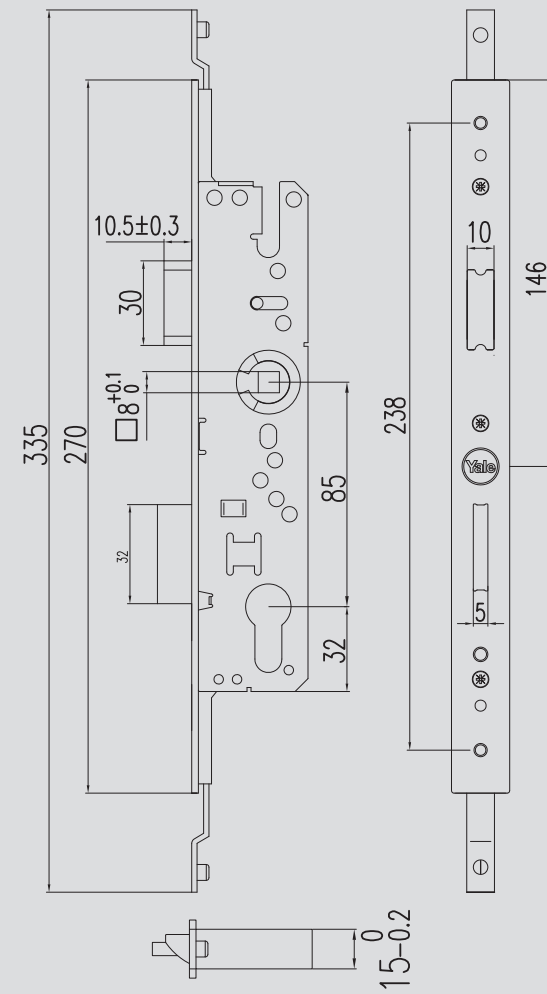


Flatstriking plate

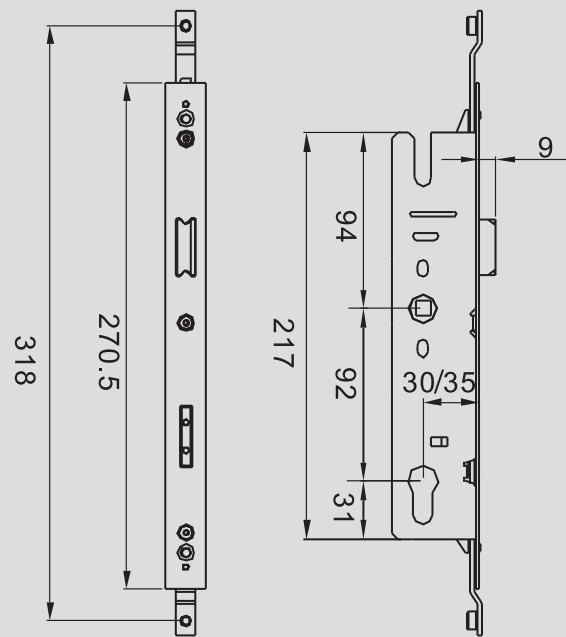


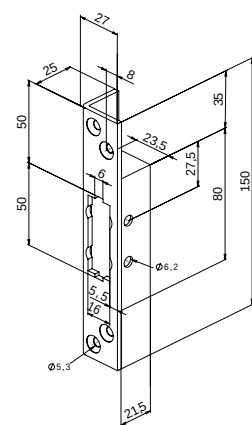
Angled striking plate

Model No. : YDS0125/YDS0130/YDS0135
Backset : 25/30/35mm



Model No. : YL-ST0030ZB-32/YL-ST0035ZB-32
Backset : 30/35mm





Angled striking plate

Technical data

Rated operating voltage	12 V DC (controlled DC voltage) -10% / +20%
Control voltage (release)	5 V to 48 V AC/DC
Rated current consumption	500 mA
Possible Bolt throw	20 mm
Time until complete unlocking / locking	Model 65... approx. 0.8 Sec. Model 65M... approx. 1.3 Sec.
Period of time system unlocked	3 s
Resistance to forced entry	6,000 N
Operating temperature	– 20 °C to + 60 °C
Spacing between faceplate and striking plate	min. 2 mm to max. 4 mm
Monitoring contact door locked/closed	Max. 30 VDC, 500 mA
Monitoring contact door unlocked/accessible	Max. 30 VDC, 500 mA
Dimensions without striking plate	206 mm x 20 mm x 29,5 mm (L x W x H)
Fix adjustment	Yes
Fix adjustment range	3 mm
Preload	Max. 80 N
Permanent release	Yes
ApprovalDIN EN 179	EC Certificate of Conformity 0432 CP D-001
ApprovalDIN EN 1125 (without Fix adjustment)	EC Certificate of Conformity 0432 CP D-017
VdS approval as lock monitoring means	Class C, G 109 032
VdS approval as an electromechanical actuator	Class C, G 109 001
VdS approval as a mechanical locking means	ClassA, M 109 314



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YALE with its unique global reach and range of products, is the world's favourite lock— the preferred solution for securing your home, family and personal belongings.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

