

* All rights reserved.
* The copyright is owned by KINLONG Company.
Reproduction and photocopying are strictly prohibited.
* The company's products have applied for Chinese patents,
and prevention is strictly prohibited. Violators shall bear legal responsibility.
* Printed in April 2025



CIFIAL



Hardcover Decoration Door and
Window Hardware Products Catalogue



广东坚朗五金制品股份有限公司
Guangdong Kinlong Hardware Products Co., Ltd.

No.3, Jian Lang Rd., Tangxia Town,
Dongguan City, China.

T:0086-769-82166666 82136666
F:0086-769-82955240 82955241
E:mail@kinlong.com
H:www.kinlong.com

CIFIAL, S.A.
Apartado 413
4524-907 Riomeão
PORTUGAL
40°57' 29.20" N
8°35' 11.40"W
Tel: +351 256 780 100
Fax: +351 256 783 395
cifial@cifial.pt
www.cifial.pt

CIFIAL UK, Ltd.
7 Faraday Court
Park Farm Industrial Estate
Wellingborough,
Northants NN8 6XY
UK
Phone: +44 1933 402 008
Fax: +44 1933 402 063
sales@cifial.co.uk
www.cifial.co.uk

Hardcover Decoration Door and Window Hardware Products Catalogue



www.cifialhardware.cn

CIFIAL brand introduction

CIFIAL, founded in 1904 in Porto, Portugal, has been continuously innovating in technology and enhancing management for a century. It spares no effort in pursuing perfection in product innovation and process engineering. With years of commitment to quality, its technology and products have embodied the craftsmanship spirit in the construction field, gained international recognition, and won world - renowned design awards.



Production Scenarios of CIF Factory in 1904



Group photo of all CIFIAL personnel in the 1940s

Everything of CIFIAL stems from continuous innovation. From product design to manufacturing, it embodies human - centered design, green energy - saving concepts, and craftsmanship spirit. For years, CIFIAL's product design and quality have won international recognition, securing world - renowned design awards such as the Reddot Award, iF Design Award, Japan G - Mark, European Design Prize (EDP), and American International Design Award (ADEX). Through years of dedication to quality, CIFIAL's technology and products have come to represent the craftsmanship spirit in the construction field.

Having withstood the trials of World War I and World War II, CIFIAL maintained its vitality during multiple global economic crises and achieved a phoenix - like rebirth through corporate transformation. Throughout its over - century - long history, by adhering to meticulous craftsmanship, CIFIAL has won customer recognition over the years and established itself as a well - known brand in the global construction industry.

In 2019, King Long, a company dedicated to globalization, fully acquired CIFIAL Group. This brought authentic European architectural hardware products into Chinese market and initiated a new journey for applying CIFIAL products in Chinese refined - decoration housing and home section .



German Red Dot Design Award



German IF Design Award



In 2019, KIN LONG and CIFIAL signed an acquisition agreement

CIFIAL products are widely used in villas, high-end residential buildings, high-end apartments, hotels, furnished rooms, and upgrade and renovation projects. Using CIFIAL brings you a different experience for European brands!!

CIFIAL hardware instructions

Selected configurations

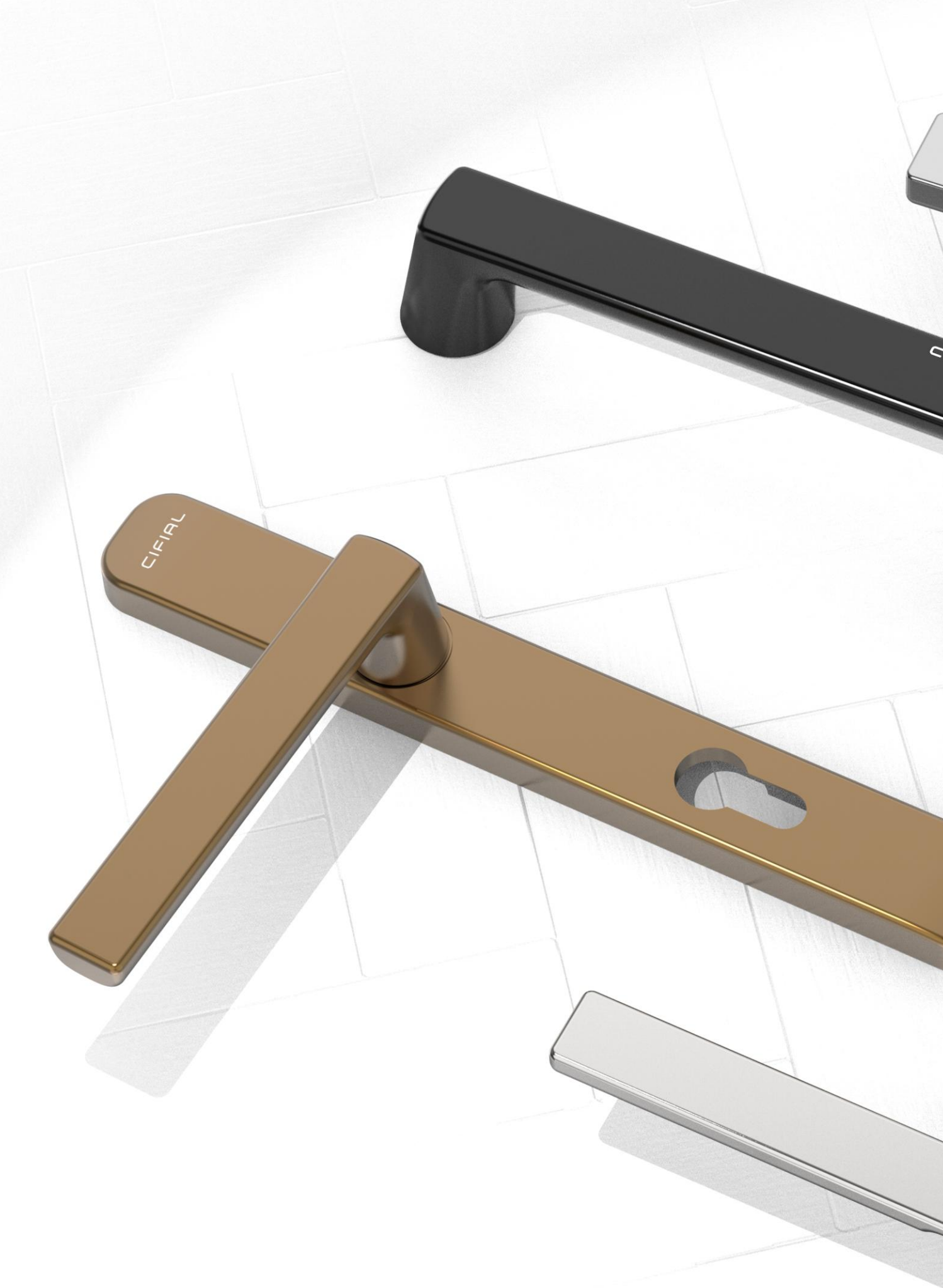
- 1.The technical parameters and pictures of the products in the catalogue are for reference only, and the actual application shall be subject to the real object. We will not be responsible for the quality of the application beyond the use limit or the mixed use of other products that are not recognized by the commitment, with the upgrading and progress of product technology, the parameters of some products will change without further notice;
- 2.The product application in the catalogue is based on the conventional application environment. In the unconventional use environment, such as high salt, high humidity, high corrosion and offshore areas, please communicate with the technicians in advance;
- 3.Please ensure that the fittings are configured as a complete set. When using a single product, it is necessary to confirm the compatibility and feasibility of fittings;
- 4.The bearing capacity of the hardware in the Catalogue related to the parameters such as door and window materials, glass thickness, width and height ratio. When selecting non-standard door and window types, please contact our technical service personnel;
- 5.The suitable window type parameters mentioned in the brochure are determined based on laboratory testing and application experience. Please conduct trial installation and confirmation according to the actual application conditions, We will not be responsible for the quality of the application beyond the use limit or the mixed use of other products that are not recognized by the commitment.
- 6.The dimensions of the profiles used in CIFIAL products must be in accordance with the "Standard Notch Schematic" on the previous page of the catalog. If there is a difference between the dimensions of the profiles and the requirements, it is necessary to confirm with the technicians.

Installation and Use

- 1.The product storage environment should be kept dry and ventilated. Storage in the open air is prohibited. Avoid exposure to the sun, rain, etc.
- 2.Please install and debug the product correctly according to the product installation instructions to ensure the product can be used normally.
- 3.Keep the doors and windows clean during on - site product installation to prevent foreign objects from affecting the normal use of the hardware.
- 4.Due to processing accuracy or long - term use, doors and windows may experience problems such as sagging and excessive gaps. The product can be adjusted to improve performance.
- 5.After the hardware installation is completed, before delivery and use, protective measures should be taken (such as closing doors and windows, using handle protectors, etc.) to prevent the hardware from being damaged and affecting normal use.

Maintenance

- 1.To ensure the products are in optimal condition, please conduct regular inspections, maintenance, and servicing (the general maintenance cycle is 6 months). In cold or windy areas, inspections, maintenance, and servicing should be carried out before the onset of winter or the arrival of windy seasons.
2. In accordance with relevant standards, close doors and windows during rain, snow, or when the wind force reaches level four or above to prevent damage to hardware caused by wind pressure and rain, which may pose safety hazards.
3. Components with opening and closing functions such as handles, hinges, and pivots should be regularly cleaned and dusted. (Chemicals with corrosive properties are strictly prohibited for cleaning the product.)
- 4.For parts of moving and friction mechanisms, lubricating oil should be appropriately added, and they should be kept clean, lubricated, and free from blockages.
5. For hardware connection parts such as screws and rivets, conduct regular inspections. If abnormal conditions such as loose connections or wobbling are found, repair or replace them in a timely manner to avoid potential safety hazards or affecting normal use.



Nordic Simplicity

Quiet, simple and extraordinary



The picture is for reference only, and the product is subject to the real object

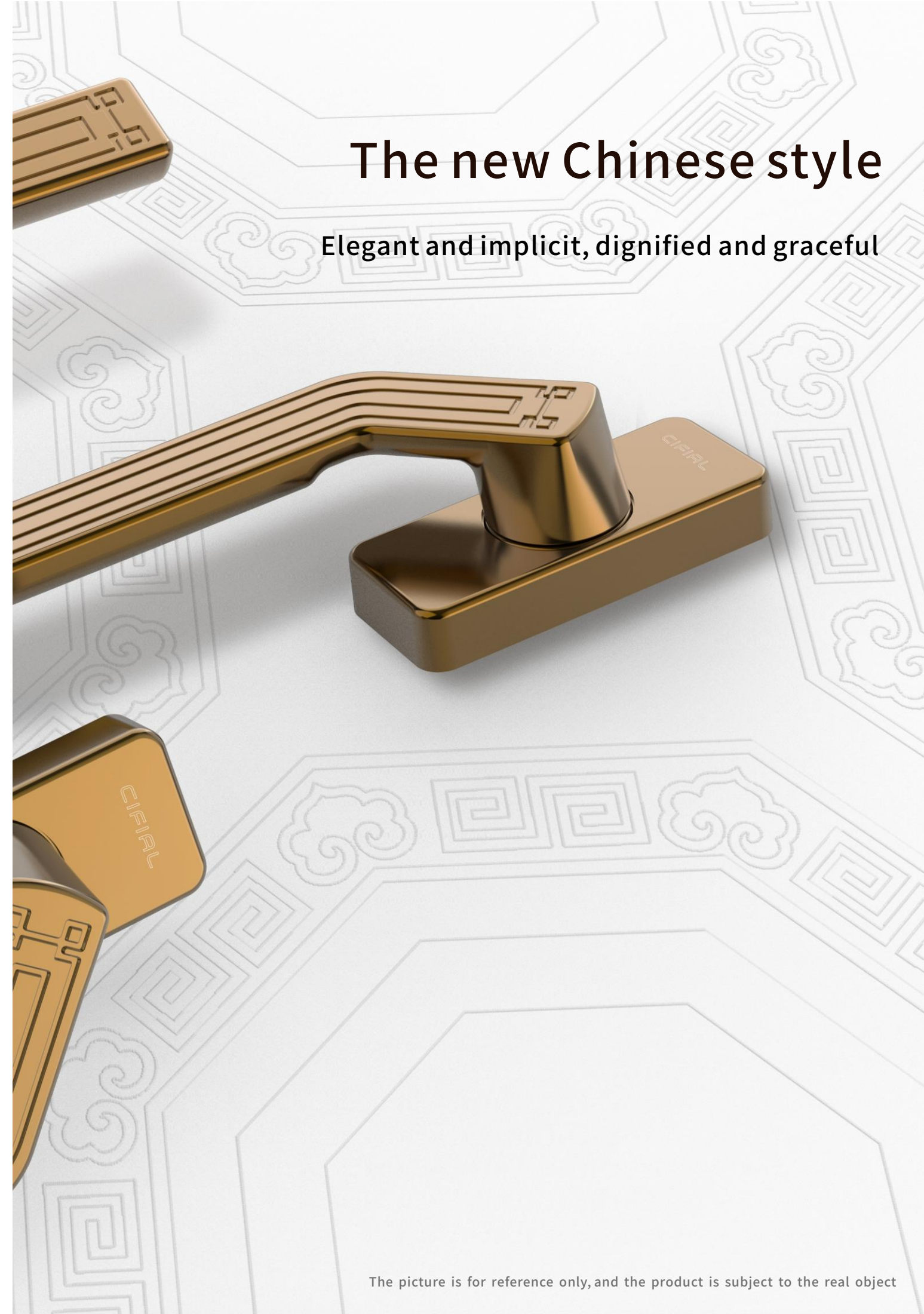


Luxury and fashion

Concise and elegant
luxurious but not ostentatious



The picture is for reference only, and the product is subject to the real object



The new Chinese style

Elegant and implicit, dignified and graceful

The picture is for reference only, and the product is subject to the real object



Product Selection Instructions

- Products are provided as sets (handles are excluded).
- The product package is fixed, and components cannot be replaced.
- The handle color is the standard color.
- The functional part and lock cylinder are not available for color customization.

90° Turn&Tile Window Hardware System

The picture is for reference only, and the product is subject to the real object

Note: Changing upper and bottom hinges to switch 90 degree to 180 degree



Product Selection Instructions

- Products are provided as sets (handles are excluded).
- The product package is fixed, and components cannot be replaced.
- The handle color is the standard color.
- The functional part and lock cylinder are not available for color customization.

Integrated Screen Window System

The picture is for reference only, and the product is subject to the real object

Note: 180° switching 90° screen fan opening - just replace the screen fan hinge



Product Selection Instructions

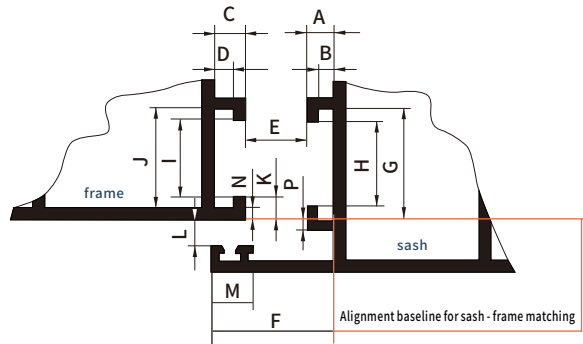
- Products are provided as sets (handles are excluded).
- The product package is fixed, and components cannot be replaced.
- The handle color is the standard color.
- The functional part and lock cylinder are not available for color customization.

Open-in Casement Window System

The picture is for reference only, and the product is subject to the real object

Standard Notch Diagram

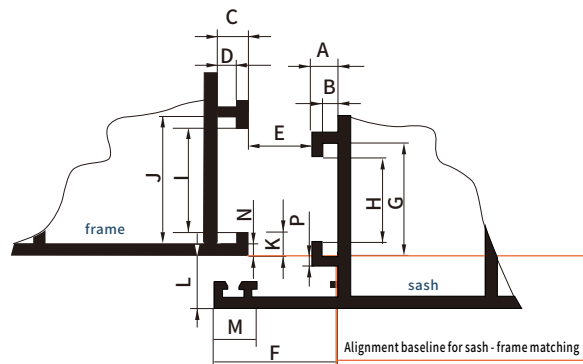
- Hardware system for inward - opening windows and turn and tilt system.



20C standard groove dimension schematic diagram

Dimension

A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
4.5	3	5	3	11.5	22	20 ^{+0.3 -0.1}	15 ^{+0.3 -0.1}	14 ^{+0.3 -0.1}	18 ^{+0.3 -0.1}	4	5	7.5	2	2

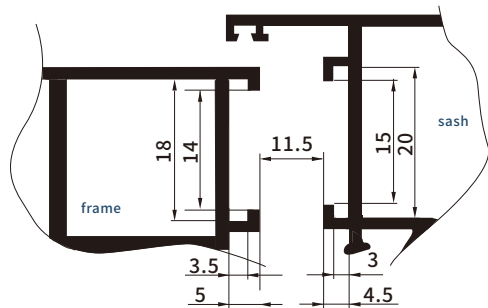


23/27 groove dimension schematic diagram

Dimension

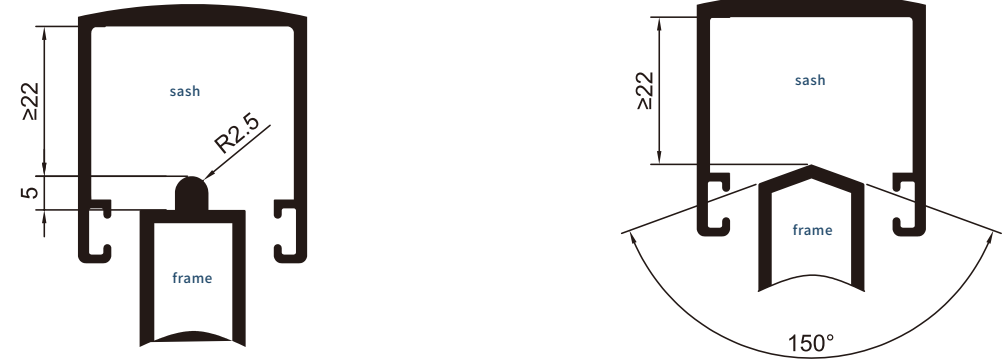
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
4.5	3	5	3	11.5	22	20 ^{+0.3 -0.1}	15 ^{+0.3 -0.1}	23 ^{+0.3 -0.1}	27 ^{+0.3 -0.1}	4	5	7.5	2	2

- Open-out window hardware system

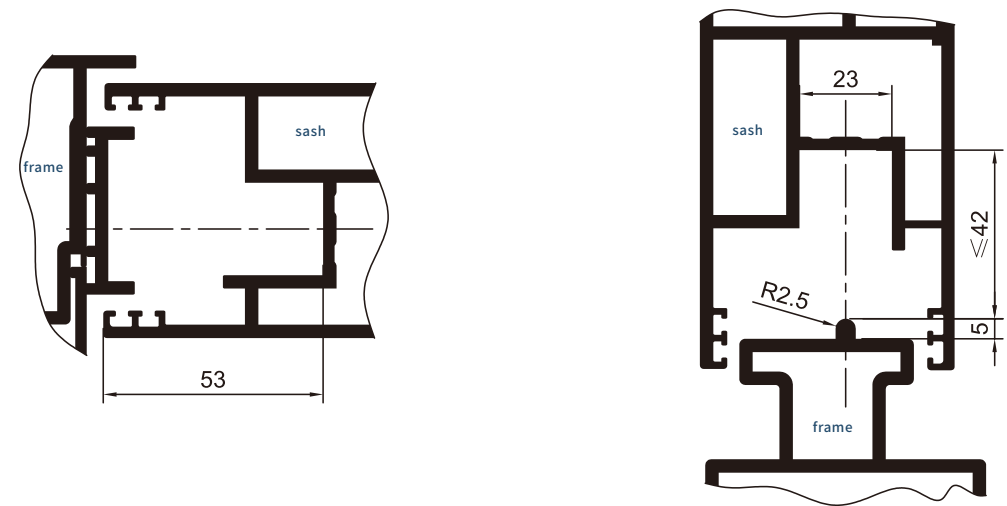


20C standard groove dimension schematic diagram

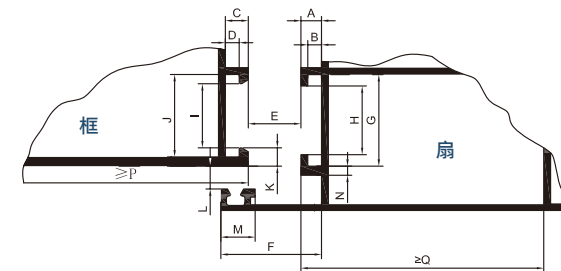
- Size Requirements for the matching of hardware and sliding doors and windows profile



- Size Requirements for the matching of hardware and lift - sliding doors and windows profile



- Size Requirements for the matching of hardware and wing doors profile



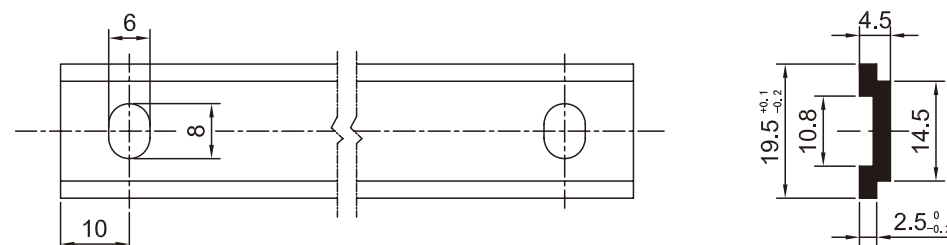
20C standard groove dimension schematic diagram

Dimension

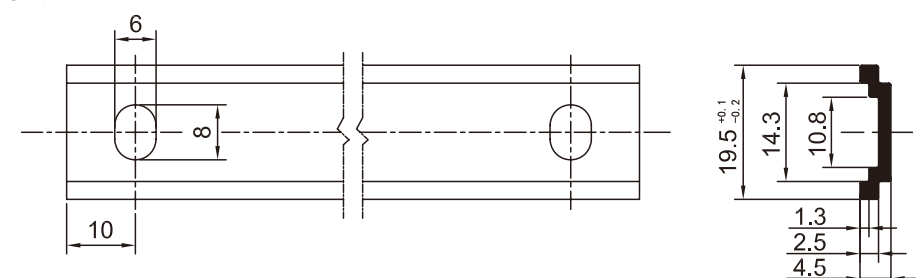
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q
4.5	3	5	3	11.5	22	20 ^{+0.3 -0.1}	15 ^{+0.3 -0.1}	14 ^{+0.3 -0.1}	18 ^{+0.3 -0.1}	4	5	7.5	2	45	53

● Size specifications for transmission rods of standard 20C slot window and door profiles

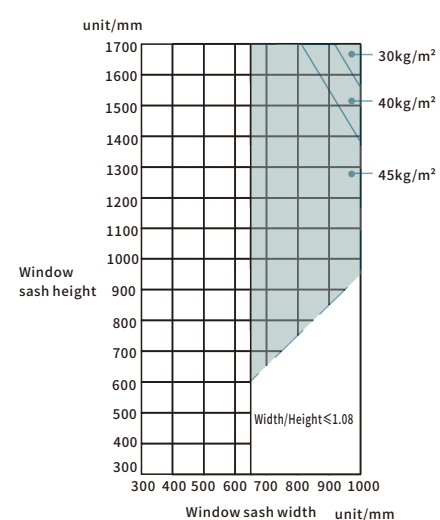
■ Type 1:



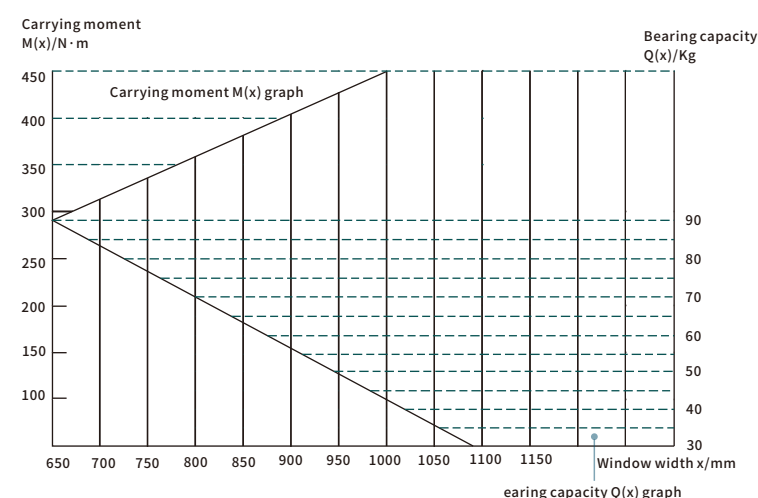
■ Type 2:



Hinge load curve chart



90kg hinge load capacity curve diagram



90kg hinge moment curve diagram

- ◆ The curve in the hinge bearing curve diagram represents the weight of glass per square meter. When selecting hinges, the width and height of the sash should be selected within the corresponding range on the left side of the curve and diagonal line based on the weight of glass per square meter. When the window sash width is ≥ 650 mm, it is recommended that the width/height of the window sash be ≤ 1.08 ;
- ◆ When the width of the window sash is ≥ 650 mm, that is, when it is in the shaded part of the hinge bearing curve, it is necessary to perform torque verification on the hinge according to the hinge torque curve. As the window width increases, the combined load-bearing capacity gradually decreases;
- ◆ The total weight of sash $Q \approx \text{sash width } B \times \text{sash height } h \times \text{glass thickness} \times \text{glass specific gravity } \gamma \times \text{profile proportion coefficient}$;
- ◆ Calculation of hinge bearing moment: The hinge bearing moment $M(x) = (\text{window weight } G \times \text{sash width } x) / 2$ should be selected and used within the allowable range.

Hardware system

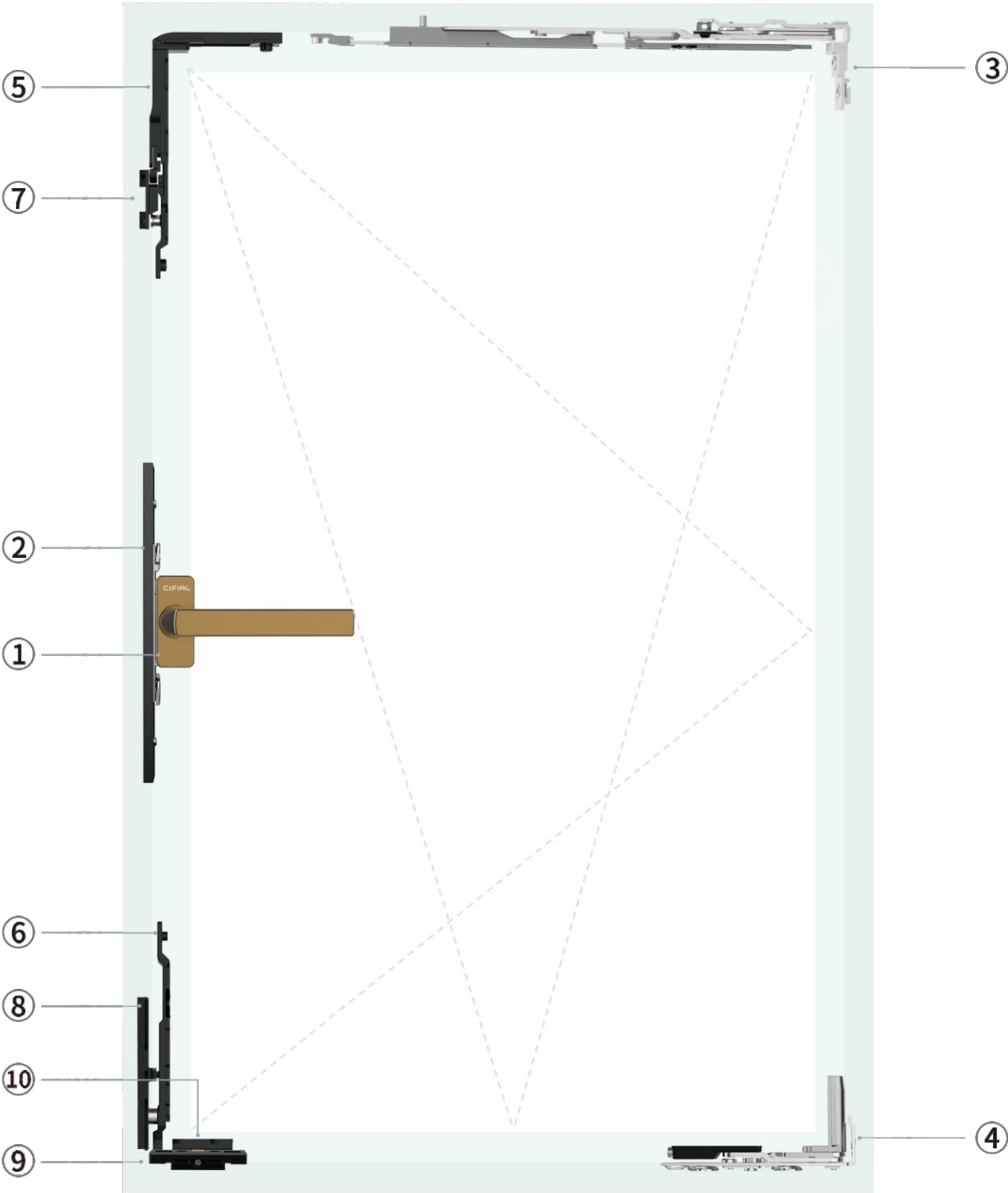
Open-in top hung window system	001-004
Window screen integrated system	005-008
Open-in casement system	009-010
Narrow-framed swing door system	011-012
Side hung Door system	013-014
Ultra-narrow overhead sliding door system	015-016
Ground-guided narrow-framed sliding doorsystem	017-018
Heavy duty sliding door system	019-020
Lifting sliding door system	021-022
Sliding folding system system	023-024
Door and window integrated system	025-026

Product range

Window handle series	027-038
Door handle series	039-046
Hinge series	047-058
Transmitter series	059-062
Door lock&Cover plate series	063-066
Handle&sliding lock series	067-070
Pulley series	071-076
Transmission locking series	077-087
Other series	087-089
Auxiliary accessories series	090-092

ZND100

TURN AND TILT WINDOW HARDDWARE SYSTEM



ZND100 Concealed turn and tilt hardware system

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance, mechanical sound and oxidation treatment ①
2	Transmitter	ZDA212	1	Center distance 12mm
3	Hidden Top Right Hinge	ZHY612A-R	1	left or right
4	Hidden Bottom Right Hinge	ZHY620A-R	1	left or right
5	Anti-Misoperation corner device	ZJ110AT	1	T-type roller lock points
6	Tipping Support	ZCX10B	1	
7	Lock block	ZLP126-R	1	left or right
8	Anti-Detachment Block	ZFK10	1	
9	Support base	ZLC15	1	
10	Support block	ZLC11A	1	
	Limiter	ZFX10	1	Specification depends on window type, optional ②

Recommended handle



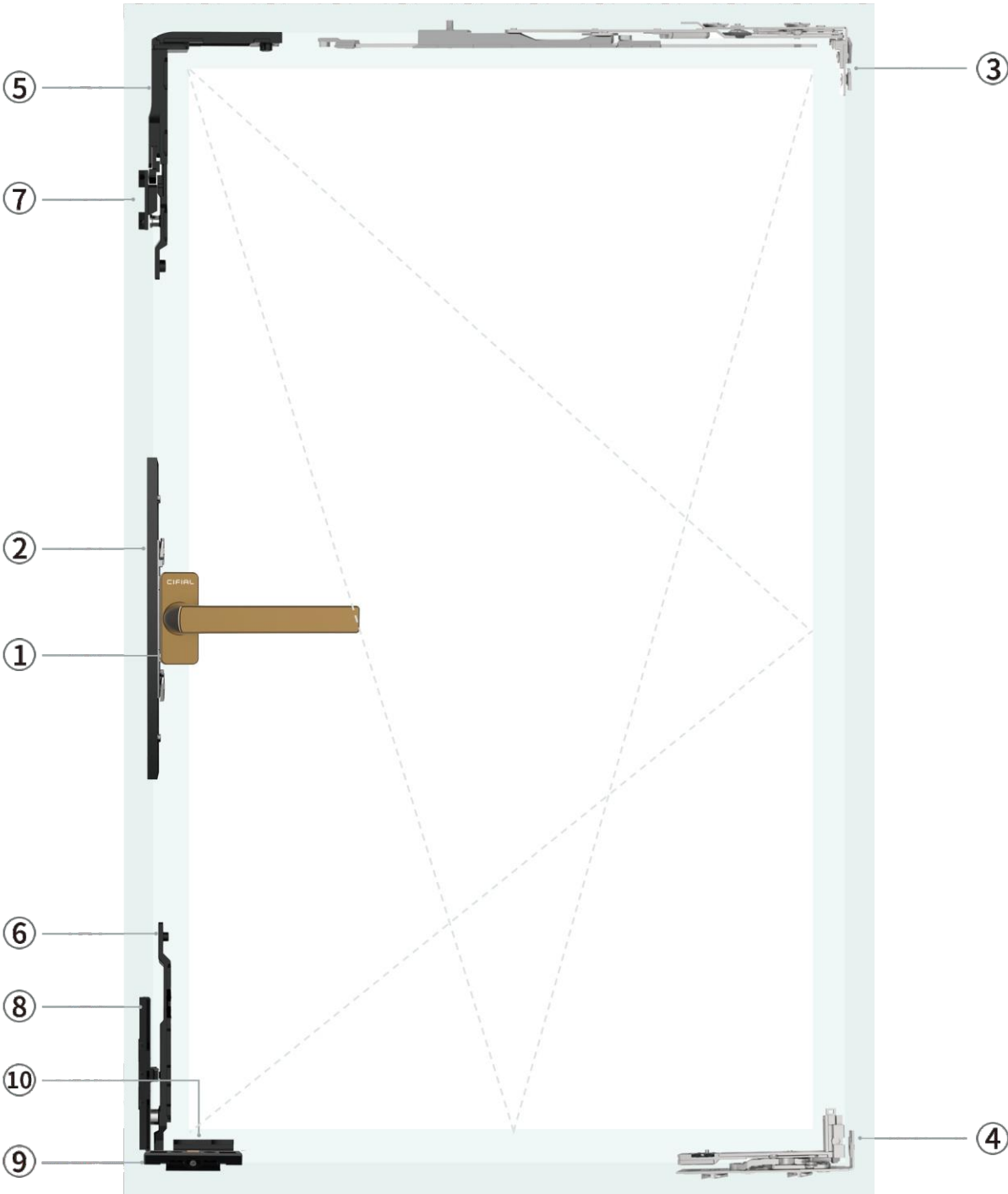
CONFIGURATION SPECIFICATION

- System specification:
- 1.This system is compatible with standard 20C groove profiles. As for 23/27K groove - type profile adaptation, please contact KIN LONG technical department to check.
 - 2.Windows within the width range of 470 - 750mm and height range of 880 - 1500mm are applicable. It is recommended that window aspect ratio (height/width) be maintained at 1.5:1. When the window width is within 405 - 470mm, Item ③ accessory can be replaced by ZHY632 - L/R. When the window width is 750 - 1000mm and the height is 1500 - 2000mm, change item ③ accessory to ZHY616 - L/R. Other cases depend on both party agreement and suggest sample trail.
 3. The maximum load - bearing capacity of the hinge is 90kg. In actual applications, please refer to the "Hinge Load - Bearing Curve Diagram" on the catalogue's content page for matching and verification.
 4. For multi - point locks, please add ZJ320 , ZLP125 , ZGB10G , and change the upper - hung hinge to ZHY610 - R. Refer pages P86 - P94 for products details.
 5. For opening-in screen windows configuration , please refer to page P6 ; for opening-out screen windows configuration , refer page P8.
 6. Please stick to catalogue instrument of hardwares

- Remarks:
- ① The style of the handle is optional. For details, please refer to pages P28 - P38.
 - ② This product is an optional accessory. It is recommended to use it with a limiter to achieve the best effect. The specific specifications are selected according to the window type. For details, please refer to page P88.

ZND200

TURN AND TILE WINDOW HARDWARE SYSTEM(180° opening)



ZND200 Concealed turn and tilt hardwares system (180 opening)

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance, mechanical sound and oxidation treatment ①
2	Transmitter	ZDA212	1	Center distance 12mm
3	Hidden Top Right Hinge	ZHY672-R	1	left or right ,180° opening
4	Hidden Bottom Right Hinge	ZHY680-R	1	left or right 180° opening
5	Anti-Misoperation corner device	ZJ110AT	1	T-type roller lock points
6	Tipping Support	ZCX10B	1	
7	Lock block	ZLP126-R	1	left or right
8	Anti-Detachment Block	ZFK10	1	
9	Support base	ZLC15	1	
10	Support block	ZLC11A	1	
	Limiter	ZFX10-12	1	Specification depends on window type, optional ②

Recommended handle



CONFIGURATION SPECIFICATION

- System specification:
1. This system is compatible with standard 20C groove profiles

2. Windows within the width range of 480- 750mm and height range of 880 - 1500mm are applicable. It is recommended that window aspect ratio (height/width) be maintained at 1.5:1. Other cases depend on both party agreement and suggest sample trail.

3. The maximum load - bearing capacity of the hinge is 80kg.

4. For multi - point locks, please add ZJ320 , ZLP125 , ZGB10G , and change the upper - hung hinge to ZHY670 - R. Refer pages P86 - P94 for products details.

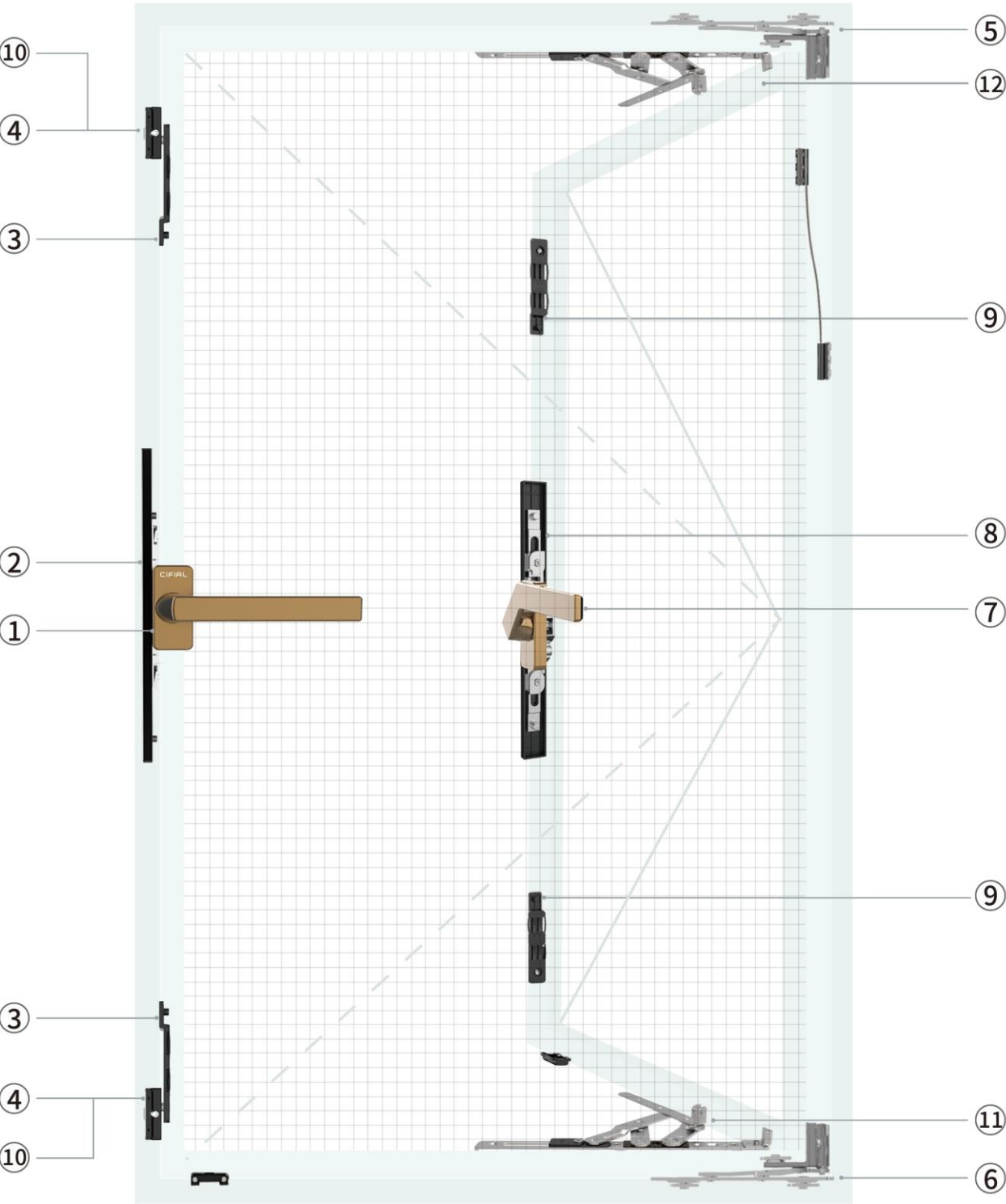
5. For opening-in screen windows configuration , please refer to page P6; for opening-out screen windows configuration , refer page P8.

6. Please stick to catalogue instrument of hardwares
- Remarks:
- ① : The style of the handle is optional. For details, please refer to pages P28 - P38.

② : This product is an optional accessory. It is recommended to use it with a limiter to achieve the best effect. The specific specifications are selected according to the window type. For details, please refer to page P88.

ZWT100

INTEGRATED SCREEN WINDOW SYSTEM



ZWT100 WINDOW SCREEN INTEGRATED HARDWARE SYSTEM

OPEN-IN CASEMENT SCREEN WINDOW CONFIGURATION

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance, mechanical sound and oxidation treatment ①
2	Transmitter	ZDA110N	1	Center distance 11mm, black , optional ②
3	Side transmission rod	ZGB10M	2	Anti theft lock point
4	Lock block	ZLP110	2	Anti theft lock block
5	Screen hinge	ZHY510A-L	1	Left or right ③
6	Screen hinge	ZHY510A-R	1	Left or right ③
Wire mesh accessories	wire mesh	Apennine alloy invisible yarn mesh	0.8—2.5	Wire mesh products, optional ⑤

OPEN-OUT CASEMENT SCREEN WINDOW CONFIGURATION

Item	Name of accessories	Code	Quantity	Remark
7	Square steel handle	ZSW10-R	1	Left or right , Code handle appearance, mechanical sound and oxidation treatment ①
8	Transmitter	ZDA130	1	Center distance 30mm, optional microcrystalline plating surface treatment ②
9	Side transmission rod	ZGB10M	2	Anti theft lock point
10	Lock block	ZLP110	2	Anti theft lock block
11	Concealed hinge	ZHJ17-R	1	Left or right ④
12	Concealed hinge	ZHJ17-L	1	Left or right ④
	Support base	ZLC10	1	Options ⑤
	Support block	ZLC11A	1	Options ⑤
	Anti-Detachment Block	ZFT13	1	Options ⑤

CONFIGURATION SPECIFICATION

● System specification :

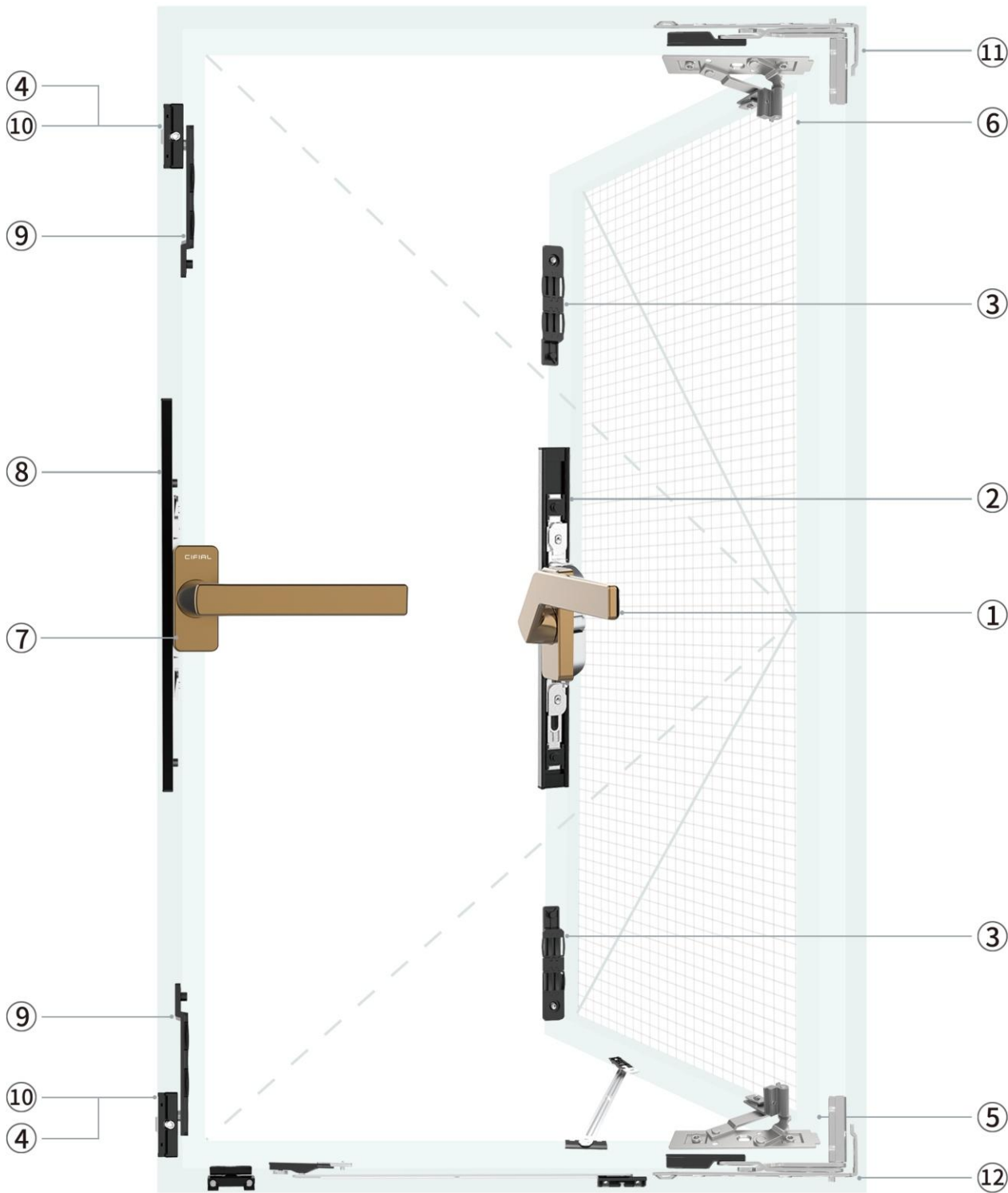
1. This system is applicable to standard 20C groove profiles.
For the adaptation of 23/27K groove profiles, please contact technical depart.
2. Above fittings are suitable for window size not bigger than 600*1200mm.
It is recommended that window aspect ratio (height/width) be maintained at 1.5:1.
Other cases depend on both party agreement and suggest sample trail.
3. The maximum load - bearing capacity of the hinge is 60kg.
4. Please stick to catalogue instrument of hardwares usage

● Remarks:

- ① : The style of the handle is optional. For details, please refer to pages P28 - P38.
- ② Code, refer to P60-62
- ③ : TOptional : ZHY516-L/R, 180 degree opening
- ④ : When wind load reaches level 4 or above, close the windows in time to prevent accidents.
- ⑤ : This product is an optional accessory. It is recommended to use it with a limiter to achieve the best effect.
- The specific specifications are selected according to the window type. For details, please refer to page P88.

ZNT100

INTEGRATED SCREEN WINDOW SYSTEM



ZNT100 WINDOW SCREEN INTEGRATED HARDWARE SYSTEM

OPEN-OUT CASEMENT SCREEN WINDOW CONFIGURATION ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZSW10-R	1	Code handle appearance,mechanical sound and oxidation treatment ①
2	Transmitter	ZDA110N	1	Center distance 11mm,black , optional ②
3	Side transmission rod	ZGB10M	2	Anti theft lock point
4	Lock block	ZLP110	2	Anti theft lock block
5	Screen hinge	ZHY510A-L	1	Left or right
6	Screen hinge	ZHY510A-R	1	Left or right
	Limiter	ZFX10	1	Wire mesh products,optional ③
Wire mesh accessories	wire mesh	Apennine alloy invisible yarn mesh	0.8—2.5	Specification depends on window type, optional③

OPEN-IN WINDOW SASH CONFIGURATION ACCESSORIES LIST

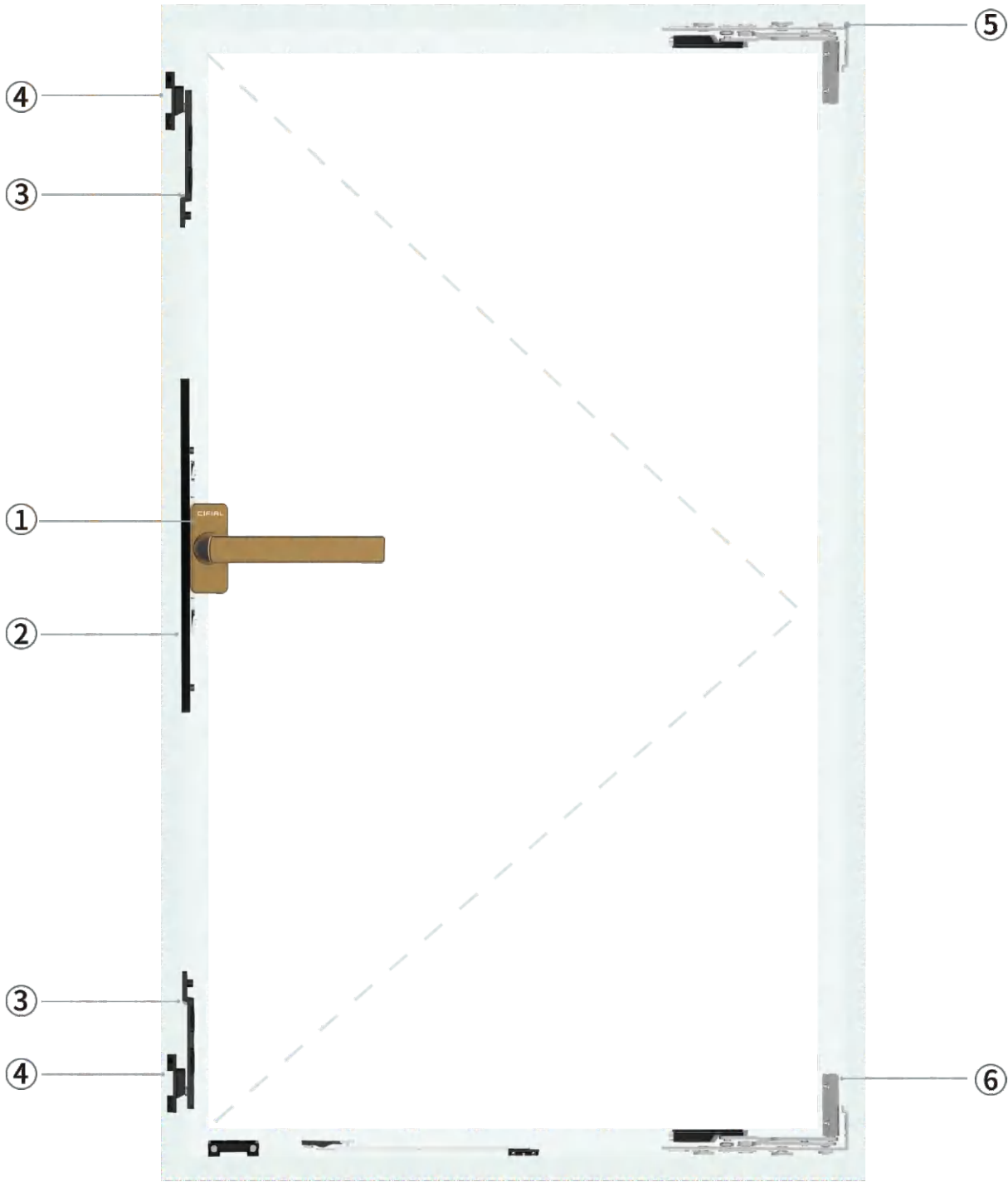
Item	Name of accessories	Code	Quantity	Remark
7	Square steel handle	ZS10	1	Code handle appearance,mechanical sound and oxidation treatment ①
8	Transmitter	ZDA120T	1	Center distance 30mm,optional microcrystalline plating surface treatment ②
9	Side transmission rod	ZGB10M	2	Anti theft lock point
10	Lock block	ZLP110	2	Anti theft lock block
11	Concealed hinge	ZHY621A-L	1	It can be divided into left or right parts,and can bear 60KG
12	Concealed hinge	ZHY621A-R	1	It can be divided into left or right parts,and can bear 60KG
	Support base	ZLC10	1	Options ③
	Support block	ZLC11A	1	Options ③
	Limiter	ZFX10	1	Specification depends on window type,optional ③

CONFIGURATION SPECIFICATION

- System specification:
- 1、This system is applicable to standard 20C groove profiles. For the adaptation of 23/27K groove profiles, please contact technical depart.
 - 2、The window type is applicable to windows within the range of (width × height) 750 × 1200mm. It is recommended that window aspect ratio (height/width) be maintained at 1.5:1. Other cases depend on both party agreement and suggest sample trail.
 - 3、Hardware for double - inward - opening window sashes:
 - ① Replace the No. ① with ZSQ20S .
 - ② Replace the No. ③ with ZGZ10 .
 - 4、The maximum load - bearing capacity of sash hinge is 60kg, and the screen sash hinge loading is 20kg.
 - 5、Please stick to catalogue instrument of hardwares usage
- Remarks:
- ①The handle style is optional. Please refer to P28 - P38.
 - ②For product adaptation, please refer to P60 - P62.
 - ③The product is an optional component. It is recommended to use it in combination for the best experience. For specific details, see P88 - P92.

ZNT200

OPEN IN WINDOW SYSTEM



ZNT200 OPEN IN WINDOW SYSTEM

OPEN-IN CASEMENT SCREEN WINDOW CONFIGURATION ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance,mechanical sound and oxidation treatment ①
2	Transmitter	ZDA202	1	Center distance 12mm,black , optional ②
3	Side transmission rod	ZGB10T	2	T - shaped Roller Lock Point
4	Lock block	ZLP126-R	2	Left or right , anti theft lock block
5	Concealed hinge	ZHY630-L	1	Left or right ③
6	Concealed hinge	ZHY630-R	1	Left or right ③
	Support base	ZLC10	1	Code ④
	Lock block	ZLC11A	1	Code ④
	Anti drop device	ZFX10	1	Specification depends on window type,optional④

OPTIONAL TABLE

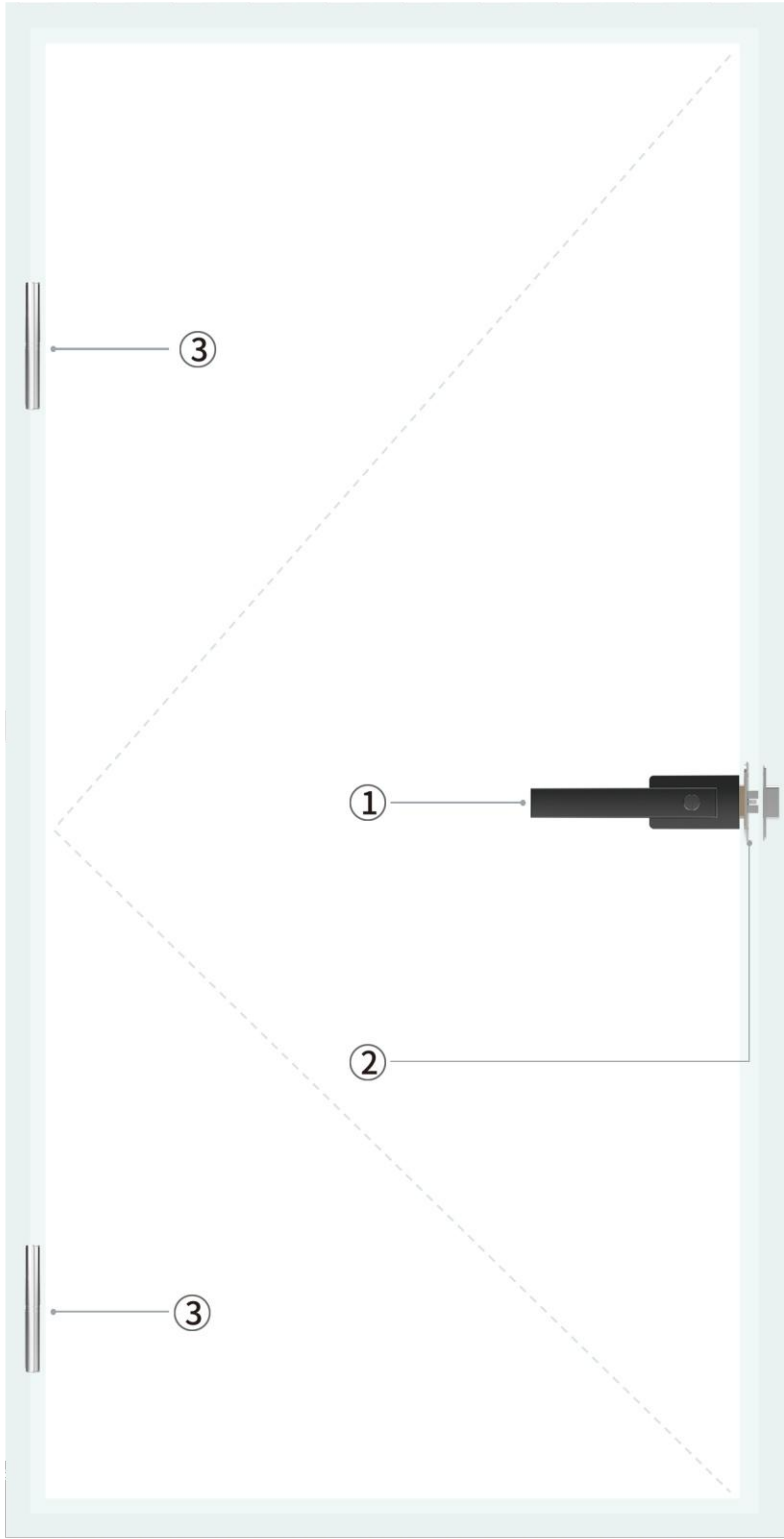
Item	Name of accessories	Code	Quantity	Remark
7	Concealed hinge	ZS638-L	1	Left or right,180° opening
8	Concealed hinge	ZS638-R	1	Left or right,180° opening
9	Micro-ventilation	ZW10-R	1	Left or right, Child-resistant

CONFIGURATION SPECIFICATION

- System specification:
- 1、This system is compatible with standard 20C groove profiles. For the adaptation of 23/27K groove profiles, please contact the technical depart.
 - 2、The window type is suitable for windows size within (width × height) 750×1200mm. It is recommended that the window aspect ratio (height/width) be maintained at 1.5:1. Other cases depend on both party agreement and suggest sample trail.
 - 3、The maximum load - bearing capacity is 60kg.
 - 4、Please stick to catalogue instrument of hardwares usage
- Notes:
- ① handle style is optional. Refer to pages P28 - P38.
 - ② optional, refer to pages P60 - P62.
 - ③ optional code : ZHY638 - L/R, 180° opening .
 - ④ Products are optional. It is recommended to use them in combination for the best experience. For details, see pages P88 - P92.
 - ⑤ Child- resistant devices can effectively protect children's home safety.

ZBM100

HARDWARE SYSTEM OF NARROW SIDE HUNG DOOR



ZBM100 Narrow side swing door hardware system

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Door handle	ZSQ210	1	Code ①
2	Locking bolt	ZML210	1	The center distance between locking bolts is 48mm ②
3	Hinge	ZHQ110	2	Options

CONFIGURATION SPECIFICATION

● System specification:

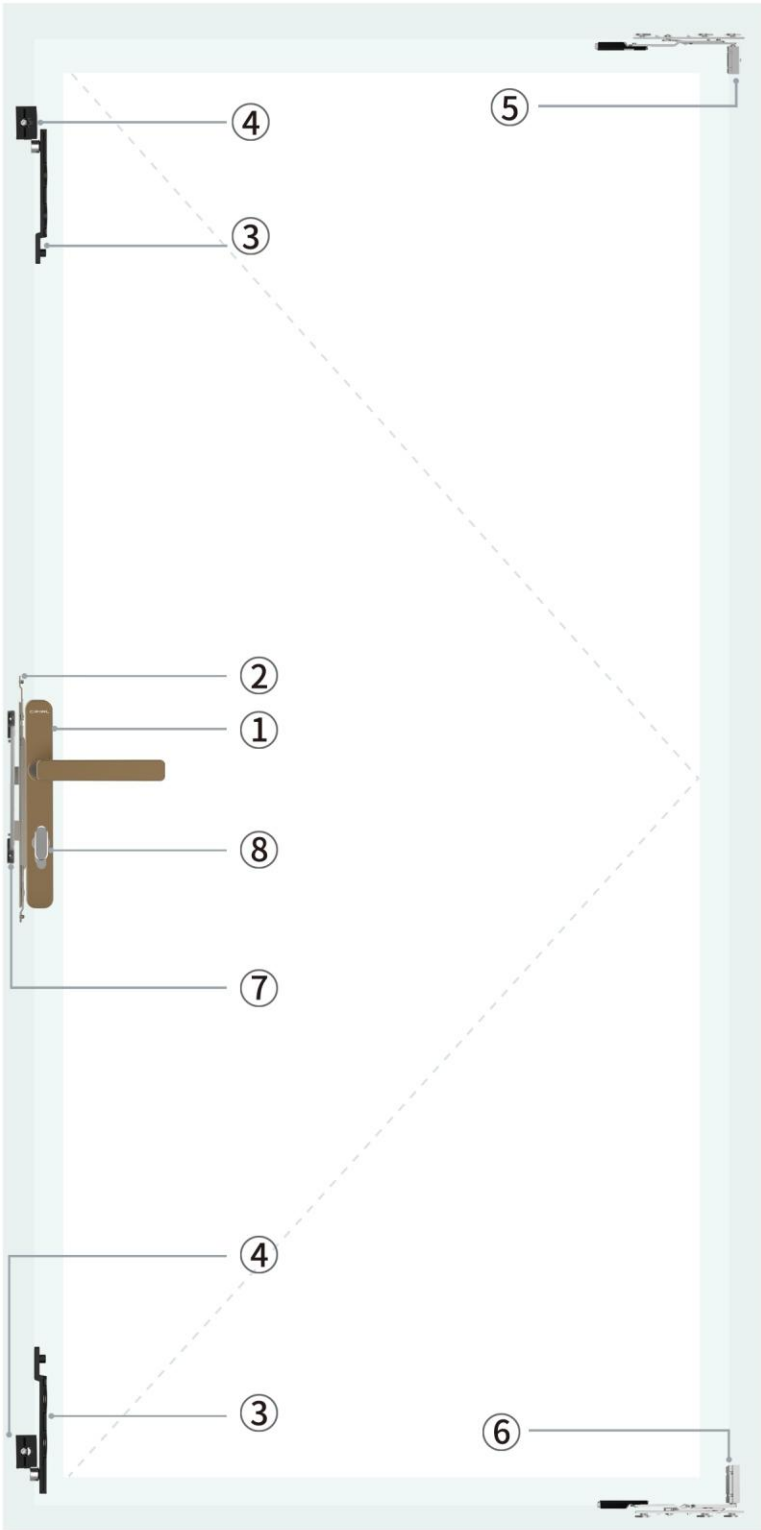
- 1、The maximum load-bearing capacity of the hinge is 40kg;
- 2、The usage requirements for hardware refer to the instructions on the front page of catalog.

● Remarks:

- ①: The product can be selected according to specific circumstances (glass thickness 5-12mm) , with ZSQ210 for single glass use and ZSQ211 for hollow glass (glass thickness 12-35mm) .
- ②: above hardwares are suitable for narrow profile with 16mm. other profile thickness need check with technicians.

ZPM100

SIDE HUNG DOOR INTEGRATED HARDWARE SYSTEM

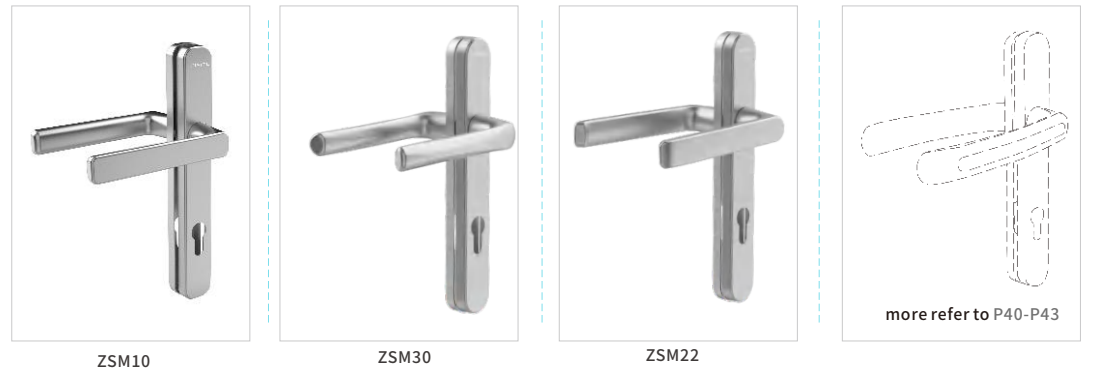


ZPM100 Side hung door integrated hardware system

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	DOOR HANDLE	ZSM10	1	baking varnish. Code ①
2	Door lock	ZMS3292/I	1	Center distance 32mm
3	Side transmission rod	ZGB10G	2	Rolling Locking Points
4	Lock block	ZLP125	2	
5	Concealed door hinge	ZHY622-SR	1	Left or right ② optional . visible hinge ZH262-R
6	Concealed door hinge	ZHY622-XR	1	Left or right ② optional . visible hinge ZH262-R
7	Cover plate	ZMK12	1	
8	Lock cylinder	ZMXAB/T	1	Specification depends on profile thickness

RECOMMENDED HANDLE

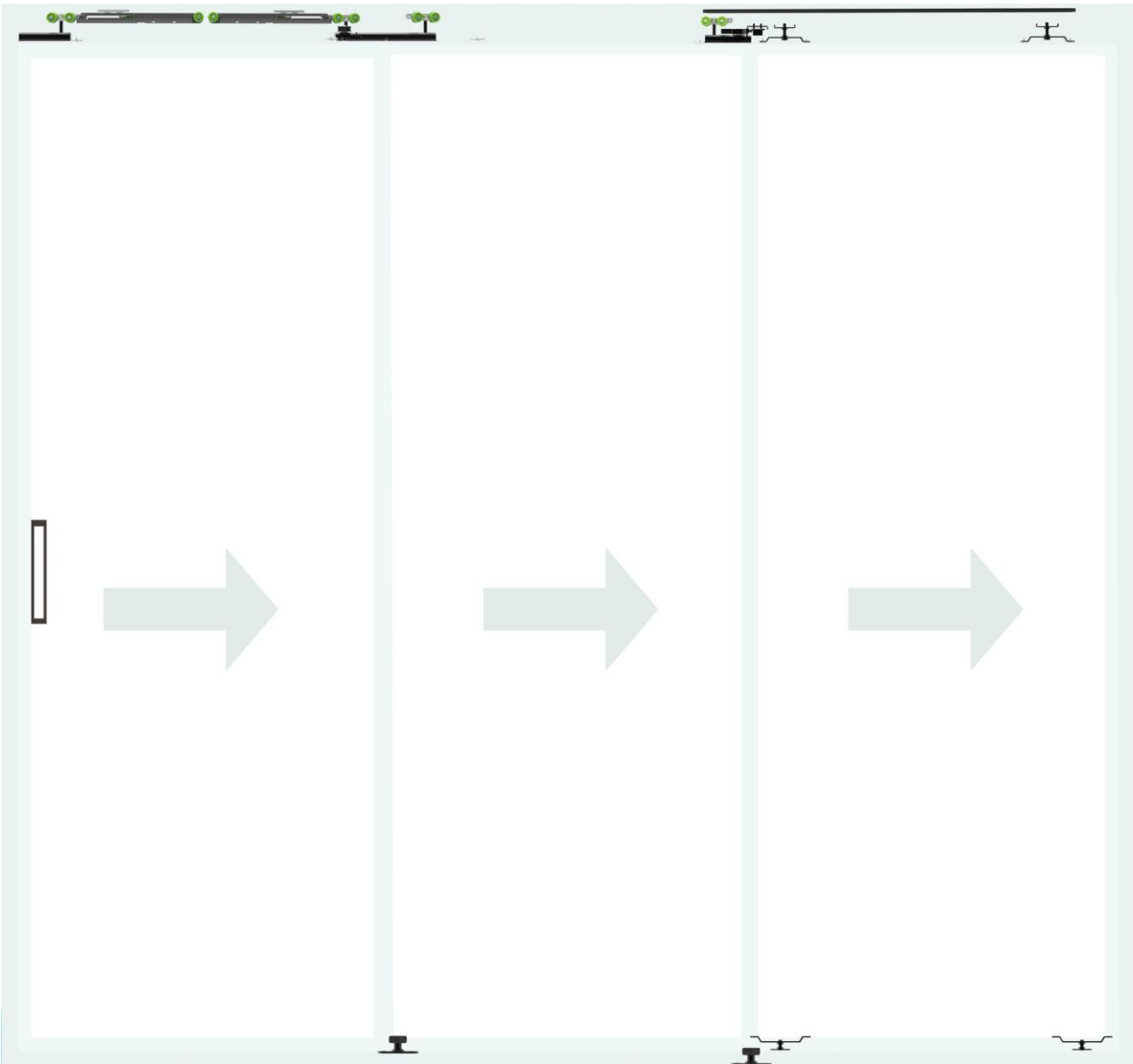


CONFIGURATION SPECIFICATION

- System specification:
- 1、The window type can meet the window type within the range of (leaf width x leaf height) 900 x 2300mm,It is recommended that the window type ratio (height/width) be kept at 1.5:1,If it exceeds the usage specifications, the sample shall prevail according to the agreement between both parties;
 - 2、The maximum load-bearing capacity of the hinge is 120kg;
 - 3、The usage requirements for hardware refer to the instructions on the front page of catalog.
- Remarks:
- ①: The style of the handle is optional, please refer to P40-P43;
 - ②: ZH262-L/R is surface mounted hinge, It can replace concealed hinge. More products details can be referred to P48-58
 - ③: For lock cylinder options, please refer to page P65 of the catalog for cylinder specifications.

ZDT100 SERIES

HARDWARE SYSTEM OF EXTREMELY NARROW SLIDING DOOR



ZDT100 HARDWARE SYSTEM OF EXTREMELY NARROW SLIDING DOOR

ACCESSORIES LIST

Buffered Hanging Sliding Door System

Item	Name of accessories	Code	Product pictures (the quantity is subject to the drawing)
1	C-Type Quick-Release Bidirectional Buffered Hanging Wheel System (recommended)	ZDTK10	
2	Universal One - way Buffered Hanging Sliding System	ZDTC10	
3	Universal Bidirectional Buffered Hanging Sliding System	ZDTC20	

Linkage Buffered Hanging Sliding Door System

Item	Name of accessories	Code	Product pictures (the quantity is subject to the drawing)	Door Type Schematic
1	2+0 Types Co-directional Synchronous Double-Leaf Linkage Fittings	ZDTL20		
2	2+1 Types Co-directional Synchronous Double-Leaf Linkage Fittings	ZDTL21		
3	3+0 Types Co-directional Synchronous Double-Leaf Linkage Fittings	ZDTL30		
4	3+1Types Co-directional Synchronous Double-Leaf Linkage Fittings	ZDTL31		
5	2+2 Opposite-Directional Synchronous Double-Leaf Linkage Fittings	ZDTL22		

Handle

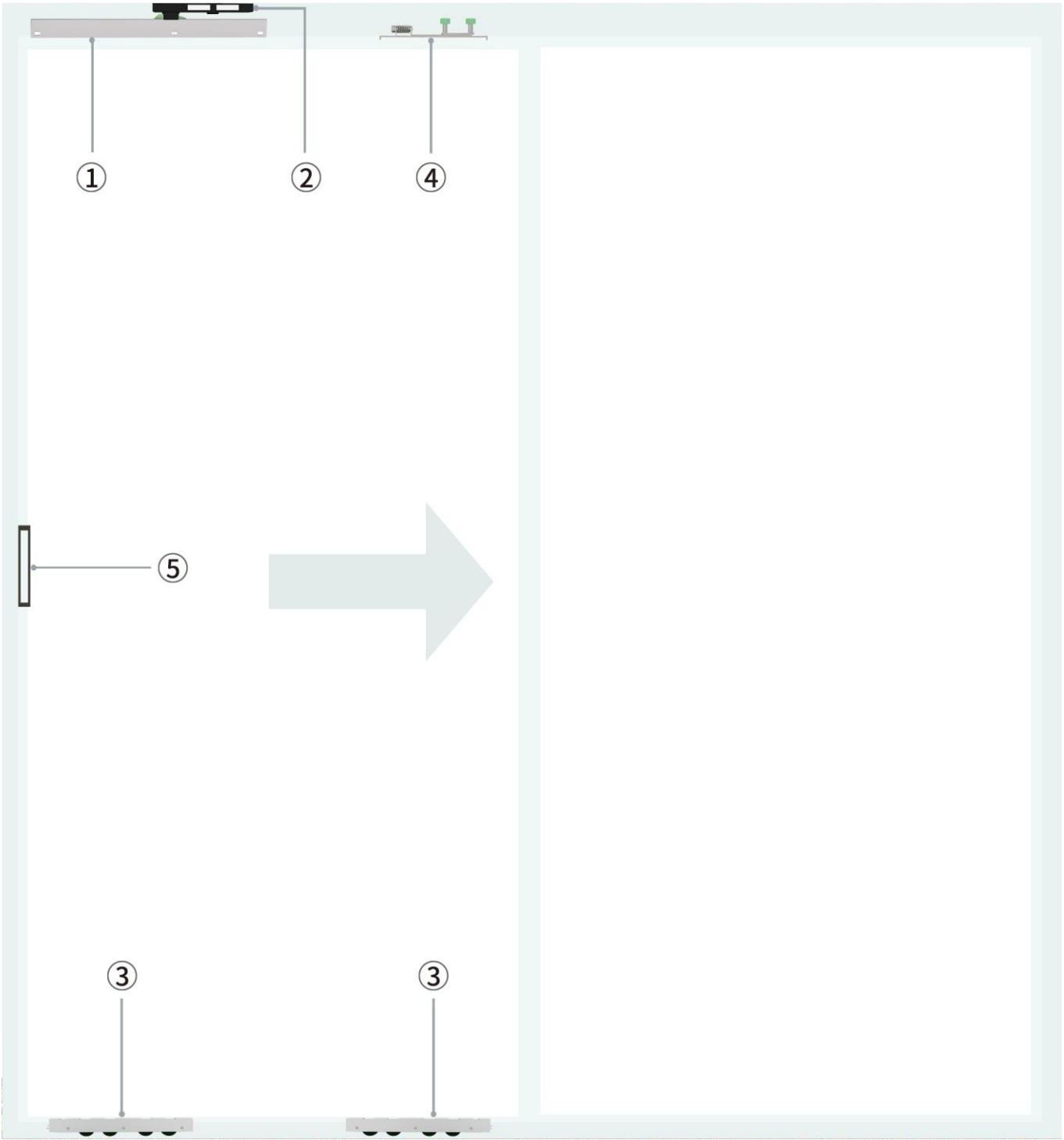
1	Handle	ZDTS10	
---	--------	--------	--

CONFIGURATION SPECIFICATION

- System specification:
- For the buffered hanging sliding system, the applicable door thickness is $\geq 30\text{mm}$, and the applicable door width is $\geq 610\text{mm}$, with a height adjustment of $\pm 2.5\text{mm}$.
For the linkage buffered system, the applicable door thickness is $\geq 30\text{mm}$, and the applicable door width is $\geq 770\text{mm}$, with a height adjustment of $\pm 2.5\text{mm}$.
 - The maximum load - bearing capacity of the buffered hanging sliding system is 50 - 80kg.
The maximum load - bearing capacity of the linkage buffered system is 60 - 80kg.
 - For the usage requirements of hardware, refer to the front page of the catalog.
 - The buffered hanging sliding system qty is considered per sash, each sash with 2 handles as recommendation.
The linkage buffered hanging sliding system Each sash is equipped with 1 functional part (functions can be selected according to requirements), and 2 handles as recommendation (selected according to the number of door sashes).





ZDT200 SERIES

FLOOR - MOUNTED NARROW - FRAMED SLIDING DOOR HARDWARE SYSTEM




ACCESSORIES LIST

Functional parts

Item	Name of accessories	Code	Quantity	Product pictures
1	Buffer	ZDT10-01	2	
2	Buffering Trigger	ZDT10-02	2	
3	Pulley	ZDT10-03	4	 ①
4	Guide roller	ZDT10-04	2	

Appearance parts

Item	Name of accessories	Code	Quantity	Product pictures
5	Handle	ZDTS10	4	

CONFIGURATION SPECIFICATION

- System specification:
1.

The load capacity of the rollers is 80-100kg;
2.

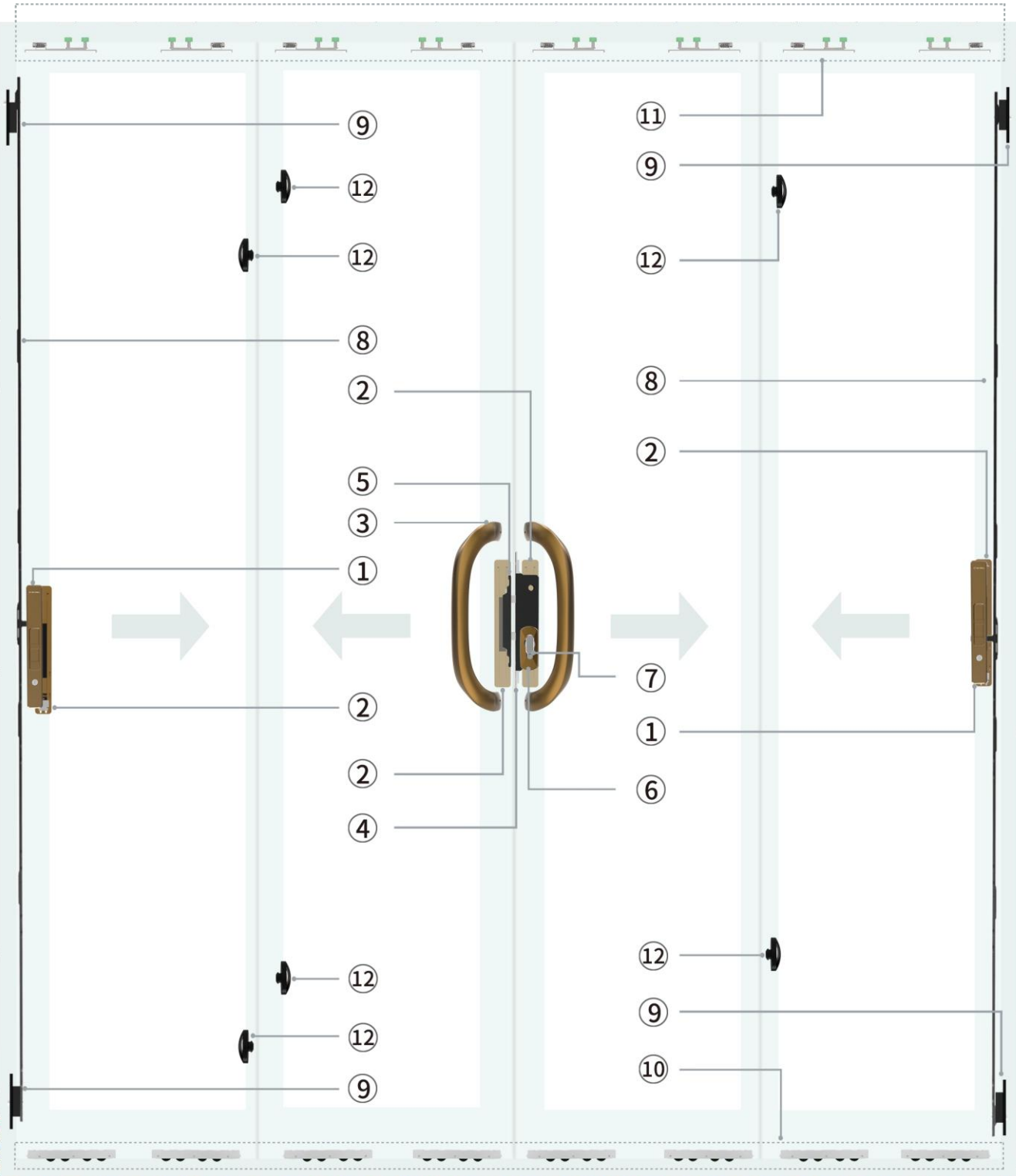
For the usage requirements of hardware, refer to the front page of the catalog.
3.

The complete configuration includes: 2 sets of functional parts, and 4 pieces of appearance parts are recommended.
- Remarks:
- ①

More pulley options can be found in P72-P75.

ZTM200 系列

HEAVY DUTY SLIDING DOOR HARDWARE SYSTEM

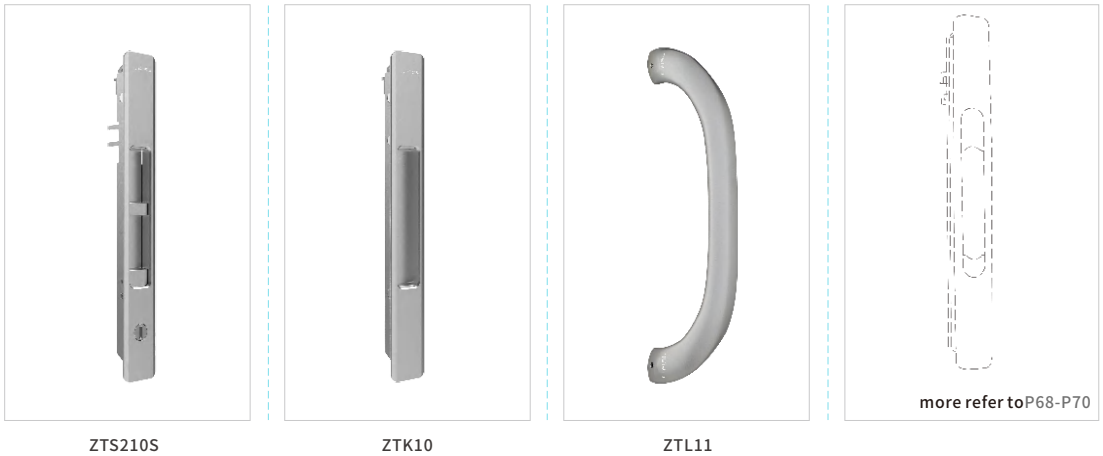


ZTM200 HEAVY DUTY SLIDING DOOR HARDWARE SYSTEM

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Sliding lock	ZTS210S	2	Baking varnish, optional ①
2	Latch handle	ZTK10	4	Baking varnish, optional ①
3	Handle	ZTL11Y	2	Baking varnish, optional ①
4	Lock hook	ZMSG2820/II	1	
5	Coverplate	ZMK10	1	
6	Lock cylinder box	ZMH10	1	Baking varnish
7	Lock cylinder	ZMX3737/T	1	Depending on the thickness of the profile
8	Transmission rod	ZGS10M-L	2	The length specification depends on the door type
9	Latch	ZLM214	4	Other forms can be selected
10	Pulley	ZRM410	8	Depending on the profile
11	Guide pulley	ZDL110	8	Depending on the profile
12	Bumper block	ZFZ11	6	

RECOMMENDED HANDLE



CONFIGURATION SPECIFICATION

● System specification:

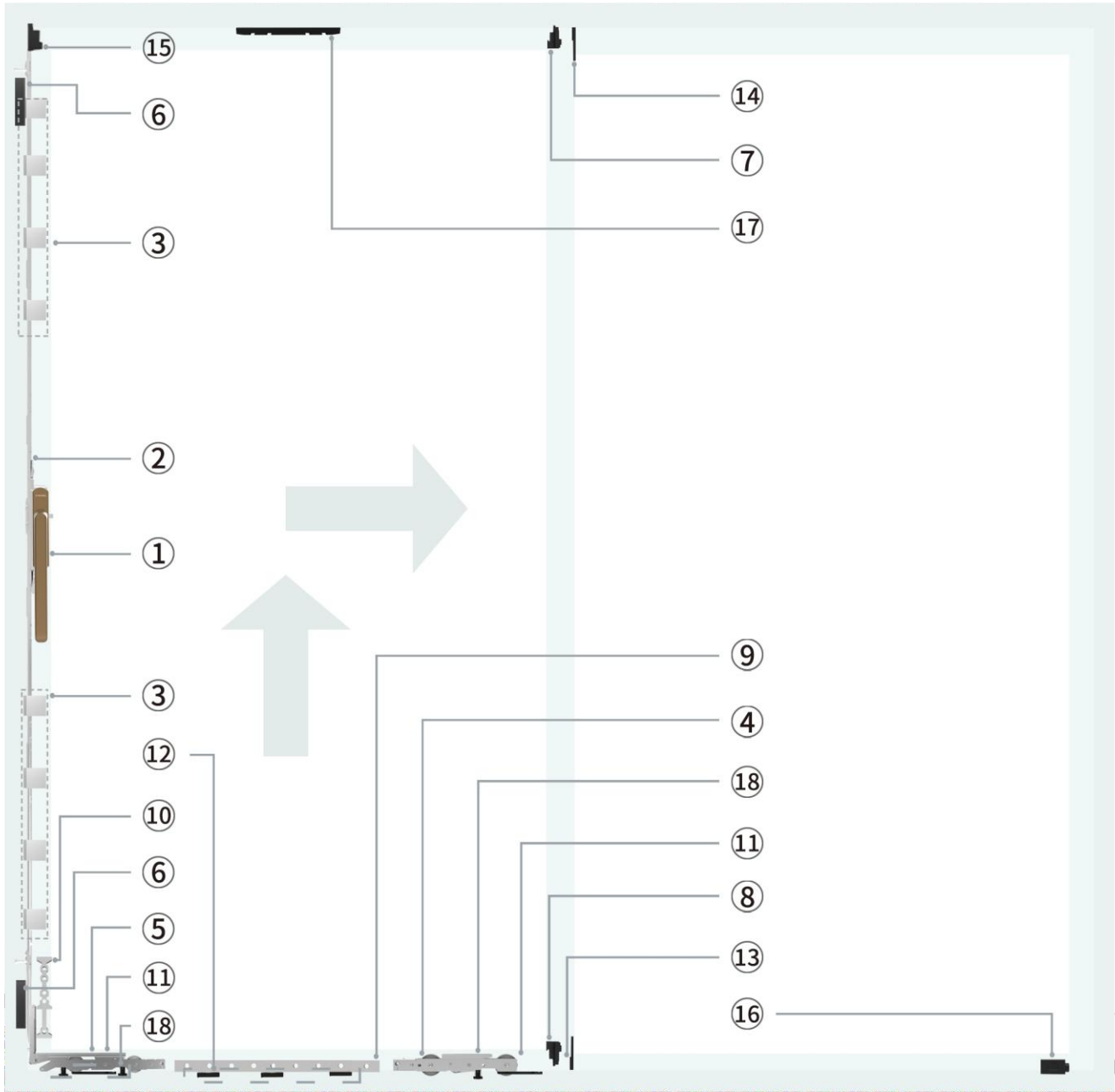
1. The maximum load-bearing capacity of the pulley is 120kg, which is determined by the specifications of the pulley group;
2. For the usage requirements of hardware, refer to the front page of the catalog.

● Remarks:

① There are other options for Door handle and sliding lock. more choice refer to P68-70

ZTL100 系列

LIFTING SLIDING DOOR HARDWARE SYSTEM



ZTL100 LIFTING SLIDING DOOR HARDWARE SYSTEM

ACCESSORIES LIST				
Item	Name of accessories	Code	Quantity	Remark
1	Door handle	ZST10	1	Baking varnish, optional ①
2	Transmission lock	ZTL100-01	1	The t otal length can be customized
3	Support block	ZTL100-02	8	Height c an be customized
4	Rear pulley	ZTL100-03	1	
5	Front pulley	ZTL100-04	1	
6	Latch	ZTL100-05	2	Code
7	Left positioning block	ZTL100-06L	1	Left or right
8	Right positioning block	ZTL100-06R	1	Left or right
9	Connecting rod	ZTL100-07-400	1	The specification depends on the door type
10	Support base	ZTL100-08	1	Height can be customized
11	Waterproof cover	ZTL100-09	2	
12	Support block	ZTL100-10	3	
13	Left cover plate	ZTL100-11L	1	Left or right
14	Upper cover plate	ZTL100-12	1	
15	Right blocking end	ZTL100-13R	1	Left or right
16	Bumper block	ZFZ13	1	
17	Anti-theft block	ZFD20	1	
18	Plastic Spacer	ZTL100-15	3	

RECOMMENDED HANDLE



ZST10S



more refer to P44-P46

CONFIGURATION

● System specification:

1. The door type can meet the requirements of (leaf width x leaf height) within the range of 3000mm x 2675mm, and the maximum opening can reach 2800mm;

2. The maximum load-bearing capacity of the pulley is 300kg. Please contact the technical personnel for specific applications;

3. When the width of a single door is 1600-2000mm, please make a clear judgment based on the actual situation whether to add a middle pulley; It is recommended to use a middle pulley if it exceeds 2000mm;;

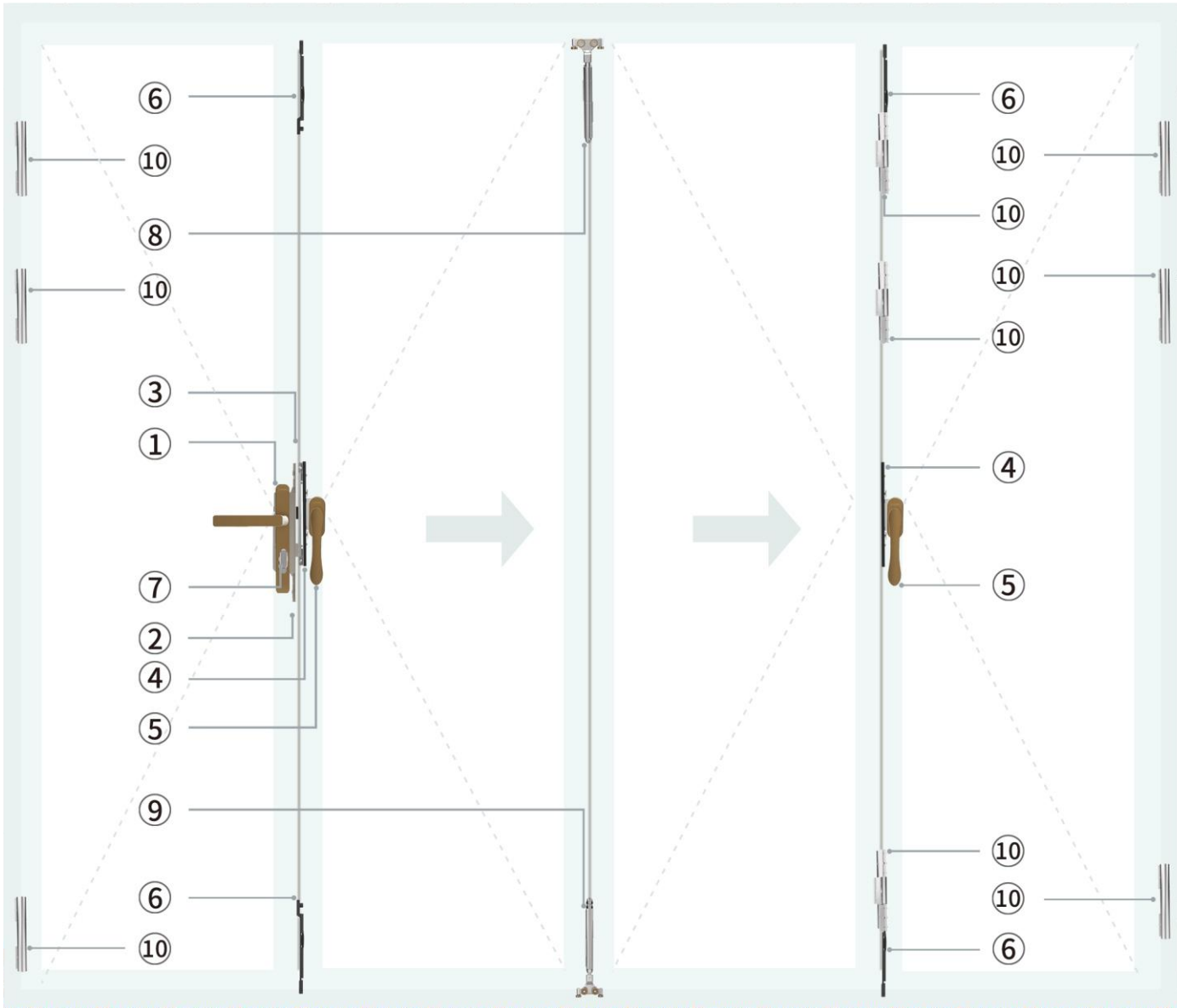
4. For the usage requirements of hardware, refer to the front page of the catalog.

● Remarks:

①The handle style is optional, please refer to P44-P46.

ZTD100 系列

SLIDING AND FOLDING DOOR HARDWARE SYSTEM

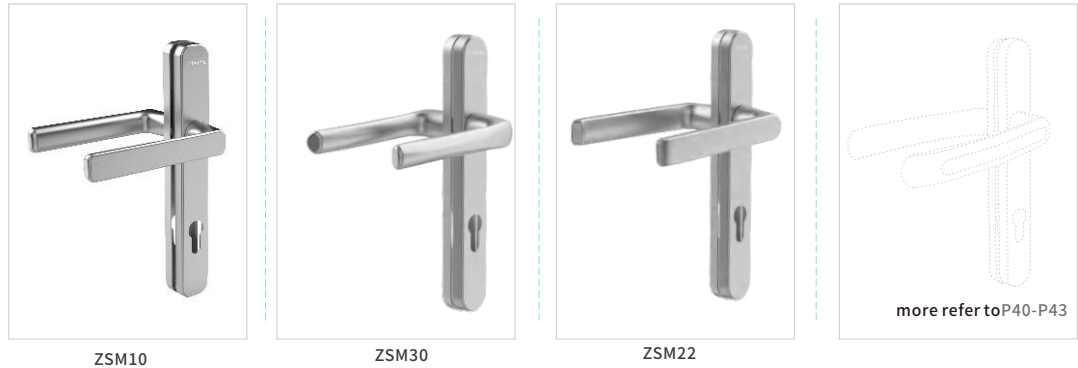


ZTD100 SLIDING AND FOLDING DOOR HARDWARE SYSTEM

ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Door handle	ZSM10	1	Baking varnish, optional ①
2	Door lock	ZMS3292/II	1	Center distance 32mm
3	Coverplate	ZMK12	1	
4	Transmitter	ZDB130	2	Center distance 30mm
5	Handle	ZSH20	2	Baking varnish, optional
6	Bolt rod	ZCX12	4	
7	Lock cylinder	ZMXAB/T	1	Depending on the thickness of the profile
8	Upper hinge system	ZTD100-01	1	Baking varnish
9	Bottom hinge system	ZTD100-02	1	Baking varnish
10	Edge hinge	ZTD100-05	9	Baking varnish

RECOMMENDED HANDLE



CONFIGURATION SPECIFICATION

● System specification:

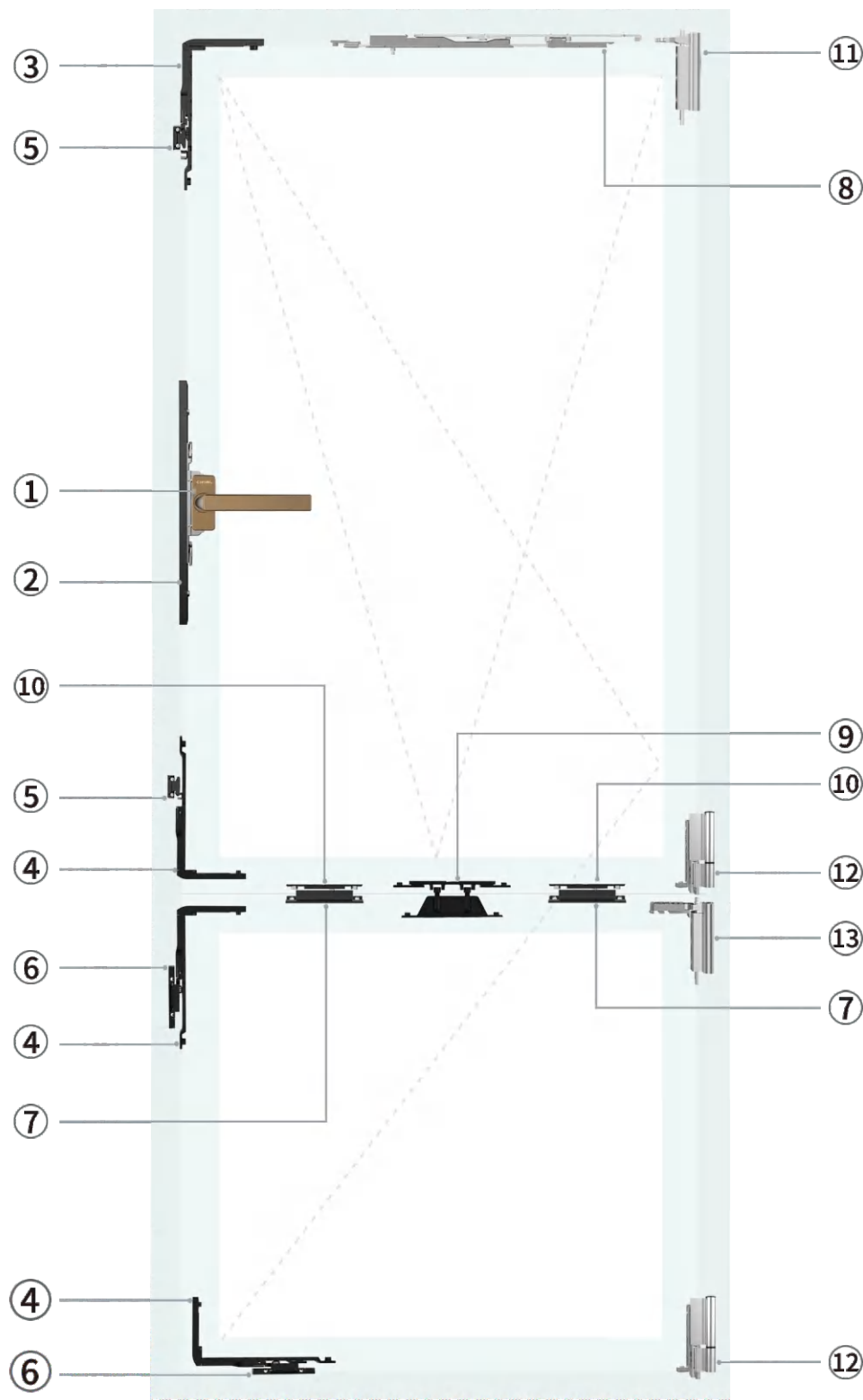
- 1、This system is suitable for door max width 800mm and Height 2400mm.
 - 2、The maximum load - bearing capacity of hinge is 90kg.
 - 3、For the usage requirements of hardware, refer to the front page of the catalog.
 - 4、It can meet the configuration of an odd number of door leaves.
- For example for 431 , 633. detailed configuration please check with technician.

● Remarks:

- ①The handles are optional. Please refer to P40 - P43.
- ②Cylinder are optional, please refer P65 .

ZDM100

DOOR AND WINDOW INTEGRATED HARDWARE SYSTEM



ZDM100 Interior inverted window+casement door (Left and right)

ZDM100 Inward tilt window+ Casement door ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance, mechanical sound and oxidation treatment ①
2	Transmitter	ZDA205	1	Code
3	Corner device	ZJ110A	1	
4	Corner device	ZJ210A	3	
5	Lock block	ZLP111	2	
6	Lock block	ZLP114	2	
7	Lock block	ZLP116	2	
8	Tie rod	ZLG111	1	
9	Connecting linkage	ZGZ22M	1	
10	Middle transmission rod	ZGZ21M	2	
11	Upper hinge	ZH210-R	1	Left or right
12	Bottom hinge	ZH211-R	2	Left or right
13	Upper hinge	ZH212-R	1	Left or right

ZDM200 Double hinged windows ACCESSORIES LIST

Item	Name of accessories	Code	Quantity	Remark
1	Square steel handle	ZS10	1	Code handle appearance, mechanical sound and oxidation treatment ①
2	Transmitter	ZDA205	1	Code
3	Corner device	ZJ110A	1	
4	Corner device	ZJ210A	3	
5	Lock block	ZLP111	3	
6	Lock block	ZLP114	2	
7	Lock block	ZLP115	2	
8	Connecting linkage	ZGZ22M	1	
9	Middle transmission rod	ZGZ21M	2	
10	Transmission rod	ZGB10G	1	
11	Bottom hinge	ZH211-R	2	Left or right
12	Upper hinge	ZH212-R	2	Left or right

CONFIGURATION SPECIFICATION

● System specification:

- 1, it can meet the requirements of door width ranging from 500mm to 900mm and door height within 2200mm. They are mainly applied to interior partitions.
- 2, The maximum load-bearing capacity of the hinge is 100kg;
- 3, For the usage requirements of hardware, refer to the front page of the catalog.

● Remarks:

- ①: The handle style is optional, please refer to P28-P38;
- ②: A wide range of transmission are available. For specific details, please refer to P59-P62.

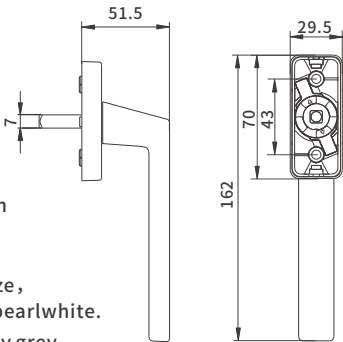
SQUARE
STEEL
HANDLE SERIES



The pictures are for reference only,
and the product is subject to the actual product

Product Description:

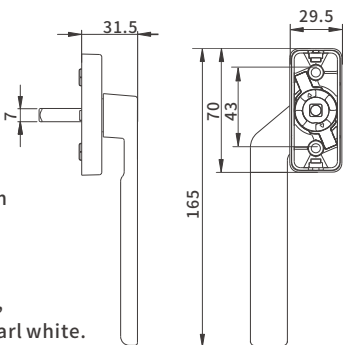
- **Handle type:**
Full buckle handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel 24mm, 42mm
- **Available colors:**
Aimno baking paint:
fashion silver, starry grey, bronze,
light inky black, modern black, pearlwhite.
Oxidation: fashion silver, starry grey,
bronze, light inky black.



- code:
- Aimno baking paint: ZS10
 - Oxidation: ZS10Y
 - Amino baking varnish with
mechanical sound: ZS10X
 - oxidation with
mechanical sound ZS10XY

Product Description:

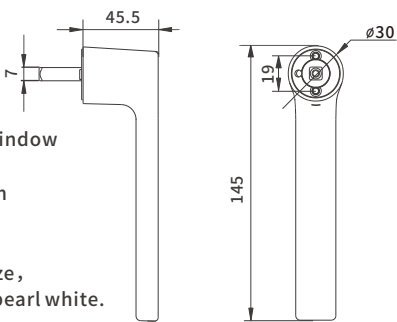
- **Handle type:**
Full buckle handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel 24mm, 42mm
The product has left and right.
- **Available colors:**
Aimno baking paint::
fashion silver, starry grey, bronze,
light inky black, modern black, pearl white.
Oxidation :fashion silver, starry grey,
bronze, light inky black.



- code:
- Aimno baking paint: ZSW10-L/R
 - Oxidation: ZSW10Y-L/R
 - Amino baking varnish with
mechanical sound: ZSW10X-L/R
 - oxidation with
mechanical sound ZSW10XY-L/R

Product Description:

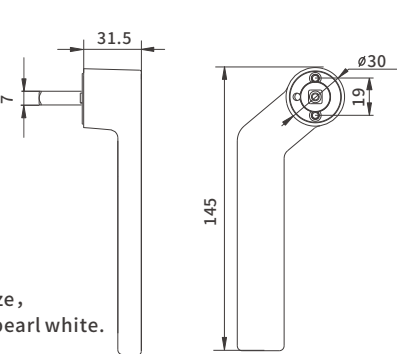
- **Handle type:**
Base-less handle
- **Adapting system:**
Casement window&turn and tilt window
- **Technical parameters :**
Exposed square steel 24mm, 42mm
- **Available colors:**
Aimno baking paint::
fashion silver, starry grey, bronze,
light inky black, modern black, pearl white.



- code:
- Aimno baking paint: ZSD10
 - Amino baking varnish with
mechanical sound: ZSD10X

Product Description:

- **Handle type:**
Base-less handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel 24mm, 42mm
The product has left and right.
- **Available colors:**
Aimno baking paint::
fashion silver, starry grey, bronze,
light inky black, modern black, pearl white.

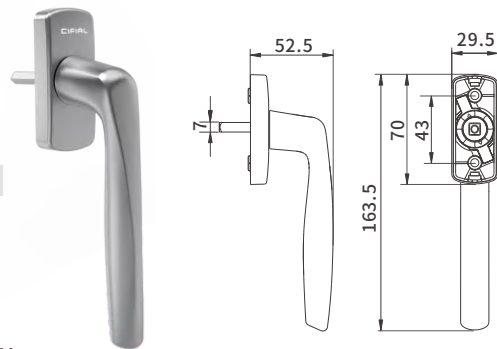


- code:
- Aimno baking paint: ZSDW10-L/R
 - Amino baking varnish with
mechanical sound: ZSDW10X-L/R



Code:

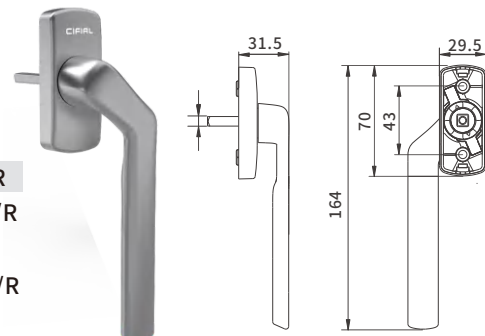
- Amino baking varnish: ZS30
- oxidation: ZS30Y
- Amino baking varnish with mechanical sound: ZS30X
- Oxidation with mechanical sound: ZS30XY

**Product Description:**

- **Handle type:** Full buckle handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white. Oxidation: fashion silver, starry grey, bronze, light inky black.

Code:

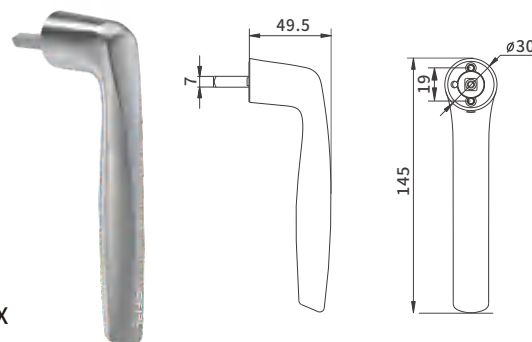
- Amino baking varnish: ZSW30-L/R
- oxidation: ZSW30Y-L/R
- Amino baking varnish with mechanical sound: ZSW30X-L/R
- Oxidation with mechanical sound: ZSW30XY-L/R

**Product Description:**

- **Handle type:** Full buckle handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm, the product has left and right.
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white. Oxidation: fashion silver, starry grey, bronze, light inky black.

Code::

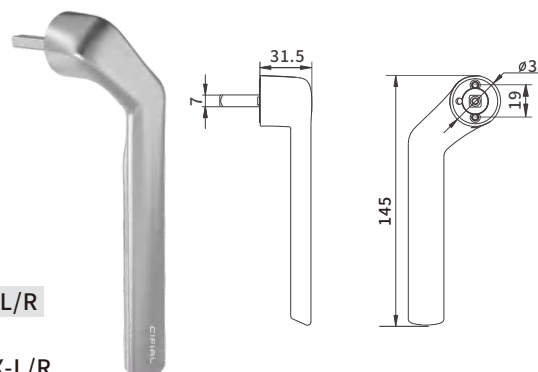
- Amino baking varnish: ZSD30
- Amino baking varnish with mechanical sound: ZSD30X

**Product Description:**

- **Handle type:** base-less handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white.

Code::

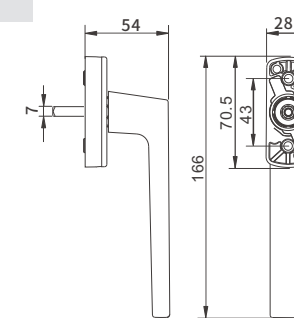
- Amino baking varnish: ZSDW30-L/R
- Amino baking varnish with mechanical sound: ZSDW30X-L/R

**Product Description:**

- **Handle type:** base-less handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm, the product has left and right.
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white.

Product Description:

- **Surface color:** Black/Silver
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 45mm
- **Handle function:** child-resistant handle

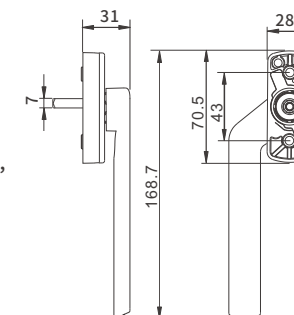


Code::

- Mechanical sound: ZSG35SX

**Product Description:**

- **Surface color:** Black/Silver
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 45mm, the product has left and right.
- **Handle function:** child-resistant handle

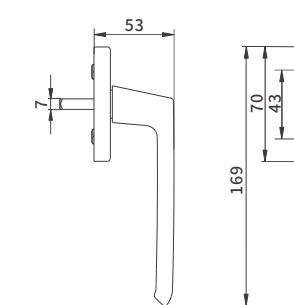


Code:

- Mechanical sound: ZSWG35SX-L/R

**Product Description:**

- **Handle type:** Full buckle handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white.

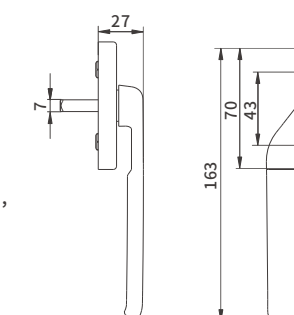


Code::

- Amino baking varnish: ZS22
- Amino baking varnish with mechanical sound: ZS22X

**Product Description:**

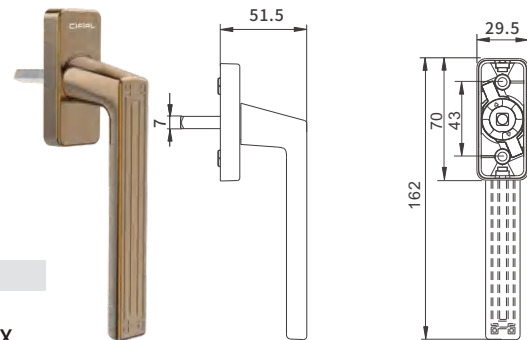
- **Handle type:** Full buckle handle
- **Adapting system:** Casement window& turn and tilt window
- **Technical parameters :** Exposed square steel 24mm, 42mm, the product has left and right.
- **Available colors:** Amino baking varnish: fashion silver, starry grey, bronze, light inky black, modern black, pearl white.



Code:

- Amino baking varnish: ZSW22-L/R
- Amino baking varnish with mechanical sound: ZSW22X-L/R

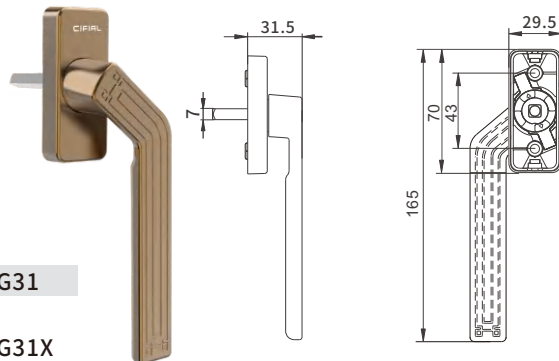


**Product Description:**

- **Handle type:**
Full buckle handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
exposed square steel 24mm, 42mm
- **Available colors:**
Oxidation : fashion silver, starry grey,
bronze, light inky black.

Code:

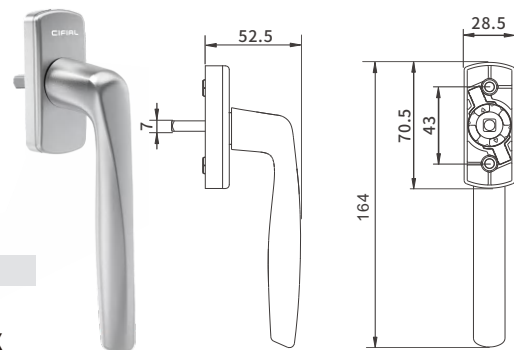
- oxidation : ZSG30
- Oxidation with
mechanical sound: ZSG30X

**Product Description:**

- **Handle type:**
Full buckle handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
exposed square steel 24mm, 42mm,
the product has left and right.
- **Available colors:**
Oxidation : fashion silver, starry grey,
bronze, light inky black.

Code:

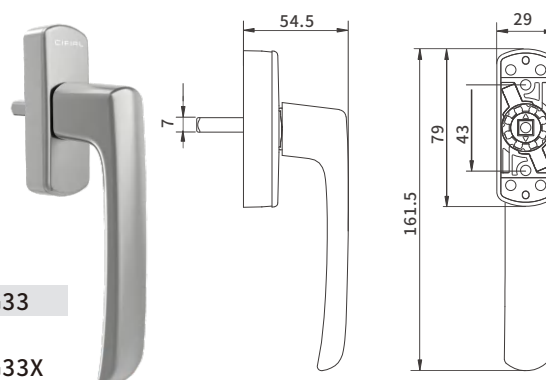
- oxidation : ZSG31
- Oxidation with
mechanical sound: ZSG31X

**Product Description:**

- **Handle type:**
semi-rotary cover handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel 24mm, 42mm,
length ending in 0 or 5,
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey, bronze,
light inky black, modern black, pearl white.

Code:

- Amino baking varnish: ZSG30
- Amino baking varnish with
mechanical sound: ZSG30X

**Product Description:**

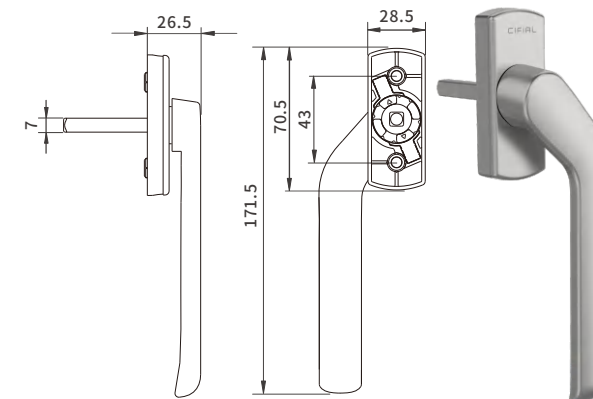
- **Handle type:**
Integrated square - bar and fork handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel 25mm-45mm,
length ending in 0 or 5.
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey, bronze,
light inky black, modern black, pearl white.

Code:

- Amino baking varnish: ZSG33
- Amino baking varnish with
mechanical sound: ZSG33X

Product Description:

- **Handle type:**
semi-rotary cover handle
- **Adapting system:**
Casement window
- **Technical parameters :**
Exposed square steel
24mm, 42mm,
the product has left and right.

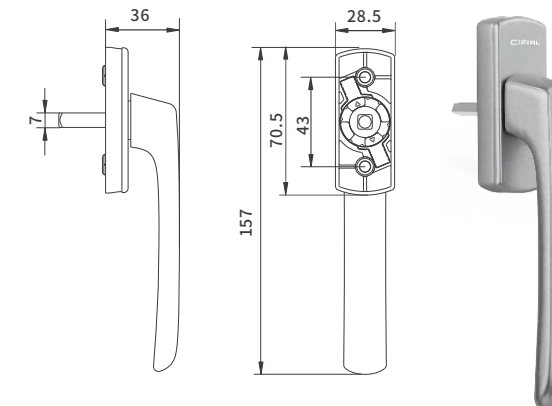


Code

- Amino baking varnish: ZSWG33-L/R
- Amino baking varnish with
mechanical sound: ZSWG33X-L/R

Product Description:

- **Handle type:**
semi-rotary cover handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel
24mm, 42mm.

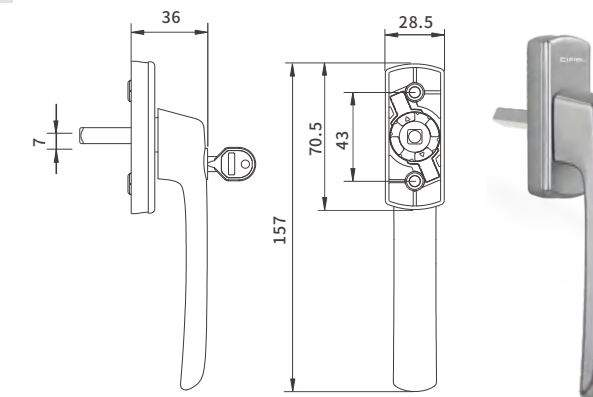


Code

- Amino baking varnish: ZSG33D36
- Amino baking varnish with
mechanical sound: ZSG33XD36

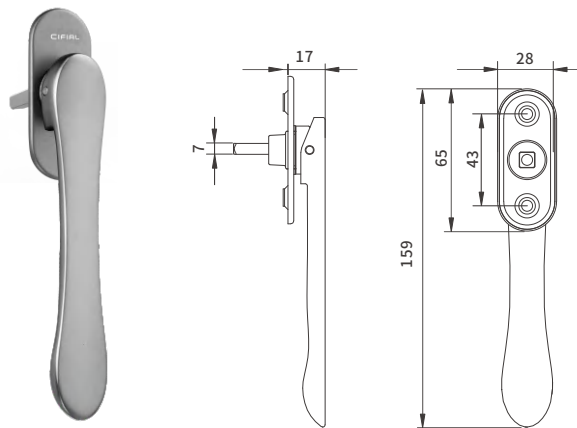
Product Description:

- **Handle type:**
semi-rotary cover handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
Exposed square steel
24mm, 42mm,
One key opens,
No anti-theft level.



Code:

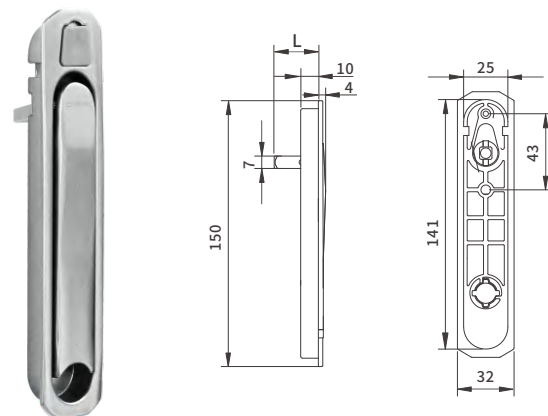
- Amino baking varnish: ZSG33SD36
- Amino baking varnish with
mechanical sound: ZSG33SD36

**Product Description:**

- **Handle type:**
Lift-rotate handle
- **Adapting system:**
Screen&Sliding folding
- **Technical parameters :**
Exposed square steel 20mm,
25mm, 30mm

Code:

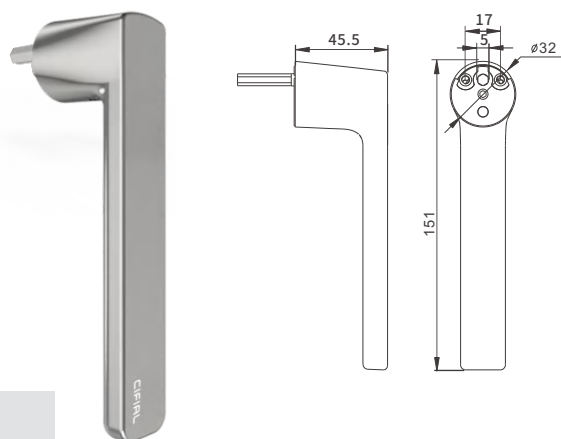
- Amino baking varnish: ZSH20

**Product Description:**

- **Handle type:**
Concealed handle
- **Adapting system:**
Screen window
- **Technical parameters :**
Exposed square steel 25mm,
35mm, 50mm.

Code:

- Amino baking varnish: ZSK821
- Handle with key
(One key opens,
No anti-theft level): ZSK821S

**Product Description:**

- **Handle type:**
Bias handle
- **Adapting system:**
Casement window&
turn and tilt window
- **Technical parameters :**
exposed square steel 28mm,
use with transmitter ZDP10

Code:

- Amino baking varnish with
mechanical sound: ZSP10

033

Fashion Silver

Starry Grey

bronze

light inky black

modern black

pearl white

COLORS

FORK-TYPE HANDLE

SERIES



The pictures are for reference only,
and the product is subject to the actual product



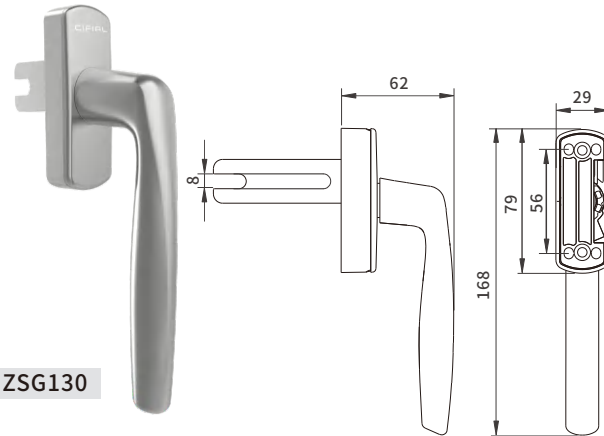
ergonomics



Full color



Hard surface

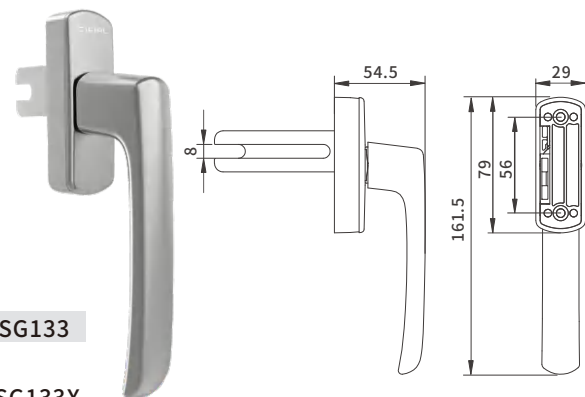


Code:

- Amino baking varnish : ZSG130
- Amino baking varnish with mechanical sound ZSG130X

Product Description:

- **Handle type:**
Integrated square - bar and fork handle
- **Adapting system:**
Casement window
- **Technical parameters:**
Tongue length exposed 20-70mm

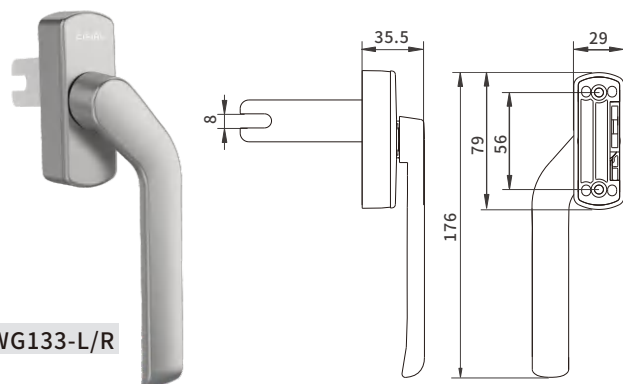


Code:

- Amino baking varnish : ZSG133
- Amino baking varnish with mechanical sound: ZSG133X

Product Description:

- **Handle type:**
Integrated square - bar and fork handle
- **Adapting system:**
Casement window
- **Technical parameters:**
Tongue length exposed 20-70mm



Code:

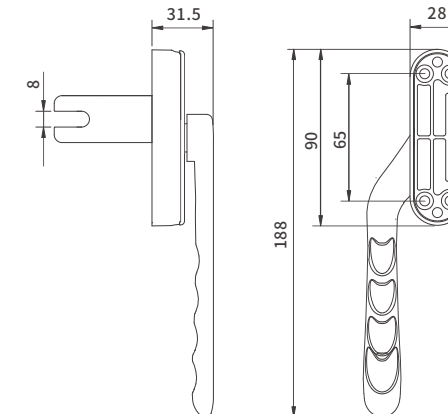
- Amino baking varnish : ZSWG133-L/R
- Amino baking varnish with mechanical sound ZSWG133X-L/R

Product Description:

- **Handle type:**
Integrated square - bar and fork handle
- **Adapting system:**
Casement window
- **Technical parameters:**
Tongue length exposed 20-50mm, the product has left and right.

Product description:

- **Handle type:**
semi-rotate cover handle
- **Adapting system:**
Casement window
- **Technical parameters:**
Tongue length exposed 20-50mm, the product has left and right.

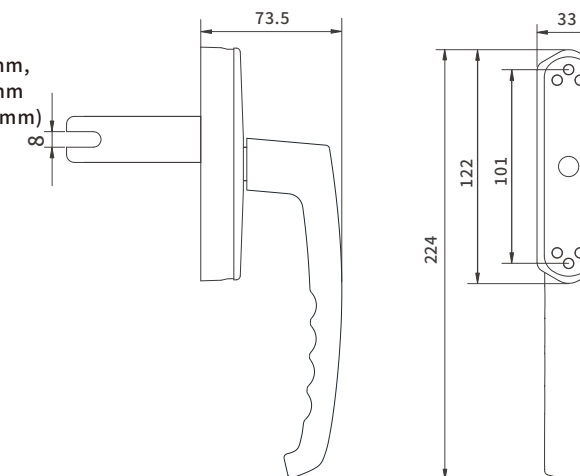


Code:

- Amino baking varnish: ZSWG132-L/R

Product description:

- **Handle type:**
Integrated square - bar and fork handle
- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding door
- **Technical parameters:**
Tongue length exposed 20-70mm, square steel exposed L=20-80mm (lengths are in increments of 5mm)



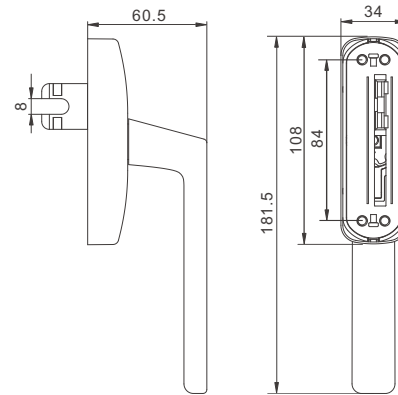
Code:

- Fork-type ZSM115
- square- bar ZSM15



Code:

■ Oxidation treatment: ZS315Y

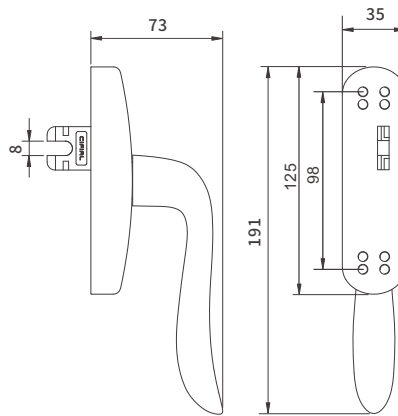
**Product Description:**

- **Handle type:**
Full buckle handle
- **Adapting system:**
turn and tilt window
- **Technical parameters :**
Tongue length exposed 24mm
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey,
bronze, light inky black,
modern black, pearl white.



Code:

■ Oxidation treatment: ZS320Y

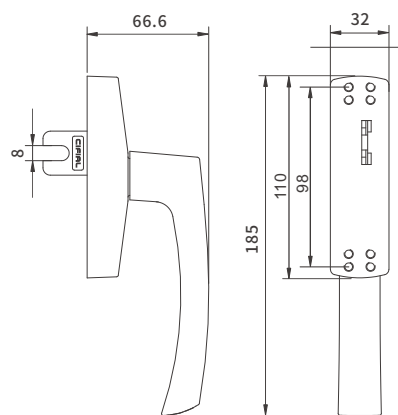
**Product Description:**

- **Handle type:**
Full buckle handle
- **Adapting system:**
turn and tilt window
- **Technical parameters :**
Tongue length exposed 24mm
- **Available colors:**
Oxidation: fashion silver,
starry grey, bronze,
light inky black.



Code:

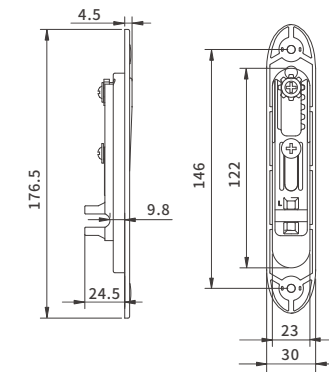
■ Amino baking varnish: ZS321

**Product Description:**

- **Adapting system:**
Casement window&
turn and tilt window
Horizontal pivoting window
- **Technical parameters :**
Tongue length exposed 24mm
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey,
bronze, light inky black,
modern black, pearl white.

Product Description:

- **Handle type:**
hidden handle
- **Adapting system:**
Screen window
- **Technical parameters :**
The product has left and right.
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey,
bronze, light inky black,
modern black, pearl white.

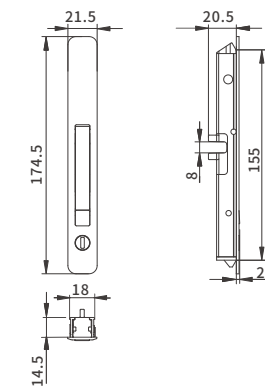


Code:

- Amino baking varnis: ZSK721-L/R
- with key type: ZSK721S-L/R
(One key opens, no anti-theft level)

**Product Description:**

- **Handle type:**
hidden handle
- **Adapting system:**
Screen window
- **Technical parameters :**
The minimum thickness of the
selected profile is 15mm.

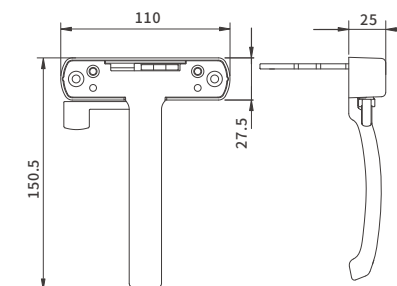


Code:

- Amino baking varnish
with key type: ZSQ20S

**Product Description:**

- **Adapting system:**
Casement window
- **Technical parameters:**
Tongue length exposed 20-60mm
- **Available colors:**
Amino baking varnish:
fashion silver, starry grey,
bronze, light inky black,
modern black, pearl white.



Code:

- amino baking varnish: ZSF181



DOOR HANDLE SERIES



Smooth opening



Stable performance



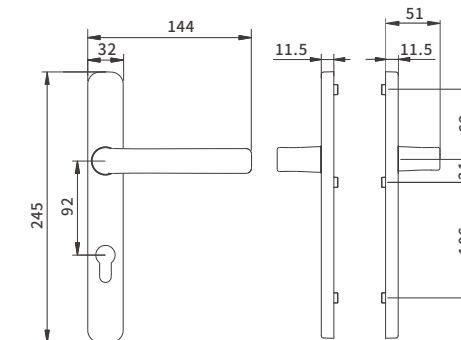
Rich in Color and luster

The pictures are for reference only,
and the product is subject to the actual product

DOOR HANDLE

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
The length of square steel is
H+(15-20) mm,
the length ends with 0 and 5
(Round down for digits 4 or below,
do not round up for digits 5 or above);
The length of the screw is
H+(10-15) mm,
the length ends with 0 and 5
(Round down for digits 4 or below,
do not round up for digits 5 or above).

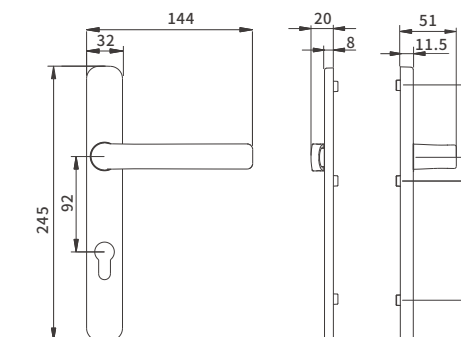


Code

■ Amino baking paint: ZSM10

Product description:

- **Surface treatment:**
Amino baking paint
- **Adaptation system:**
Screen door integrated door



Code

■ Amino baking paint: ZSMS10

COLORS



Fashion Silver



Starry Grey



bronze



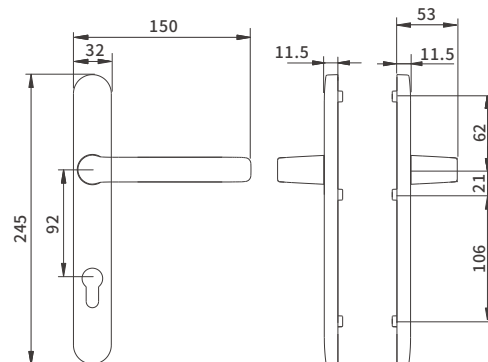
light inky black



modern black



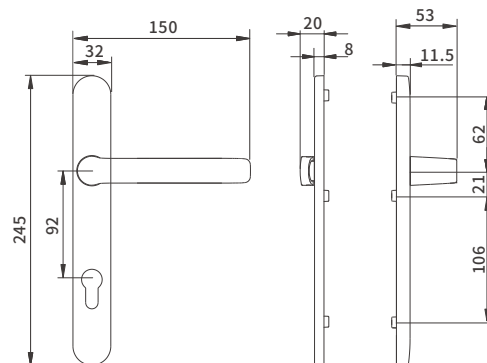
pearl white

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
The length of square steel is H+(15-20) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above);
The length of the screw is H+(10-15) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above).

Code

■ Amino baking paint: ZSM22

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adaptation system:**
Screen door integrated door

Code

■ Amino baking paint: ZSMS22

041

Fashion Silver

Starry Grey

bronze

light inky black

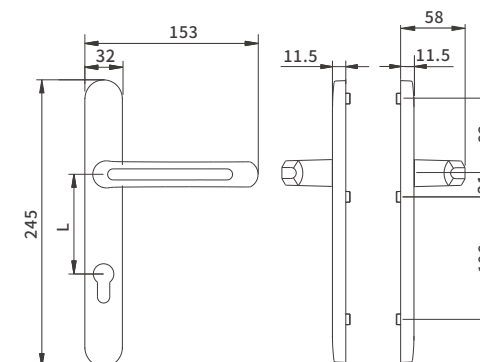
modern black

pearl white

COLORS

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
The length of square steel is H+(15-20) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above);
The length of the screw is H+(10-15) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above).



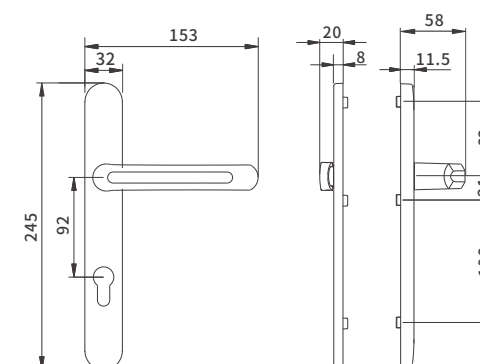
Code

■ Amino baking paint(L=85): ZSM2585

■ Amino baking paint(L=92): ZSM25

Product description:

- **Surface treatment:**
Amino baking paint
- **Adaptation system:**
Screen door integrated door



Code

■ Amino baking paint: ZSMS25

COLORS

Fashion Silver

Starry Grey

bronze

light inky black

modern black

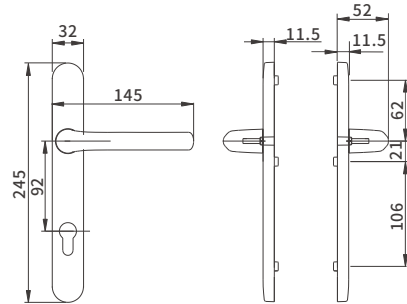
pearl white

042



Code:

■ Amino baking paint: ZSM30

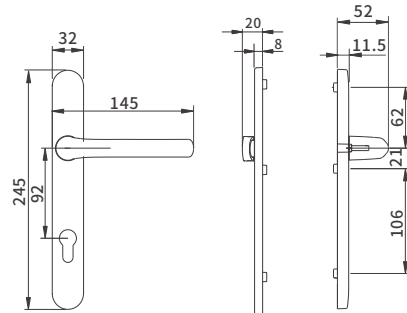
**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
The length of square steel is H+(15-20) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above); The length of the screw is H+(10-15) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above).



Code:

■ Amino baking paint: ZSMS30

**Product description:**

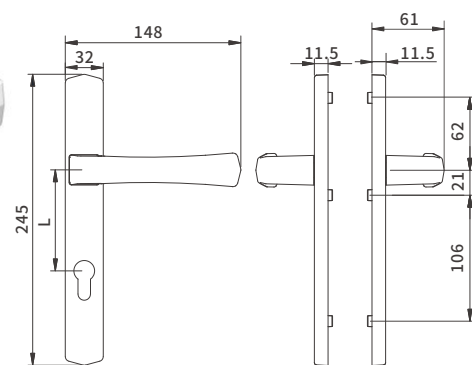
- **Surface treatment:**
Amino baking paint
- **Adaptation system:**
Screen door integrated door



Code:

■ Amino baking paint(L=85): ZSM7385

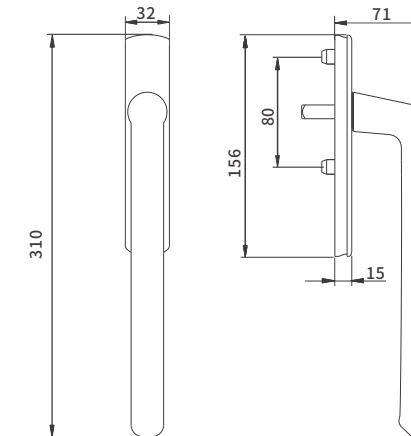
■ Amino baking paint(L=92): ZSM73

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
The length of square steel is H+(15-20) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above); The length of the screw is H+(10-15) mm, the length ends with 0 and 5 (Round down for digits 4 or below, do not round up for digits 5 or above).

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm



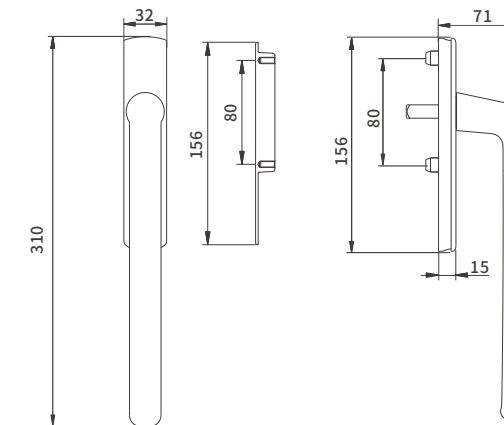
Code:

■ Amino baking paint: ZST10S

■ Amino baking paint without locking core hole: ZST10

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm



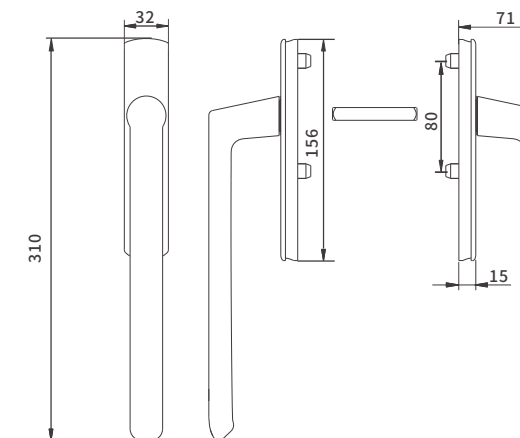
Code:

■ Amino baking paint: ZST110S

■ Amino baking paint without locking core hole: ZST110

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm

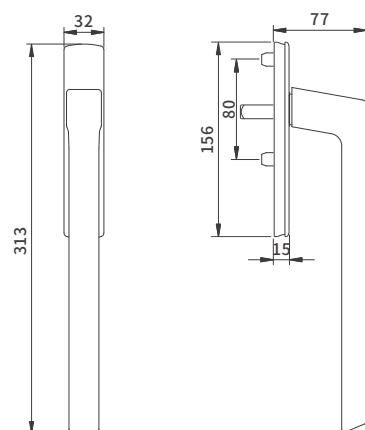


Code:

■ Amino baking paint: ZST210S

■ Amino baking paint without locking core hole: ZST210

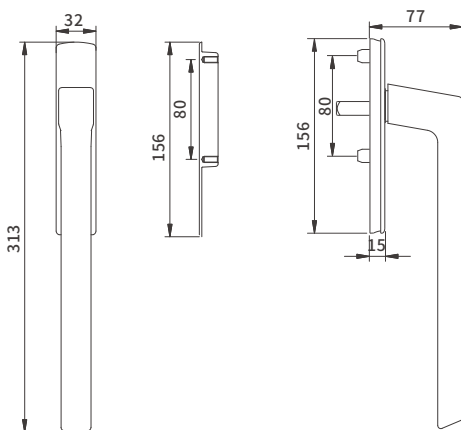


**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
The insertion depth of the
Steel square: 10mm*10mm
insertion depth: 23-28mm

Code:

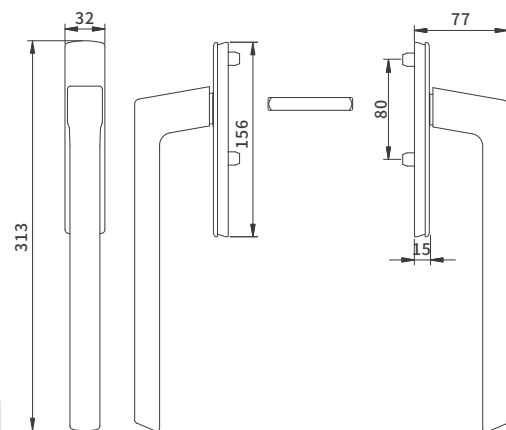
- Amino baking paint: ZST11S
- Amino baking paint without
locking core hole: ZST11

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm

Code:

- Amino baking paint: ZST111S
- Amino baking paint without
locking core hole: ZST111

**Product description:**

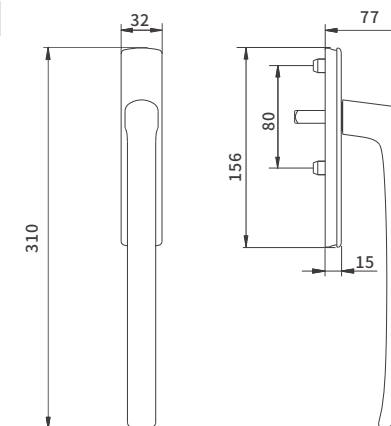
- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm

Code:

- Amino baking paint: ZST211S
- Amino baking paint without
locking core hole: ZST211

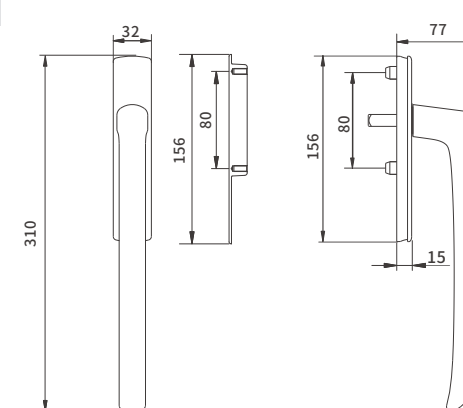
Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm



Code:

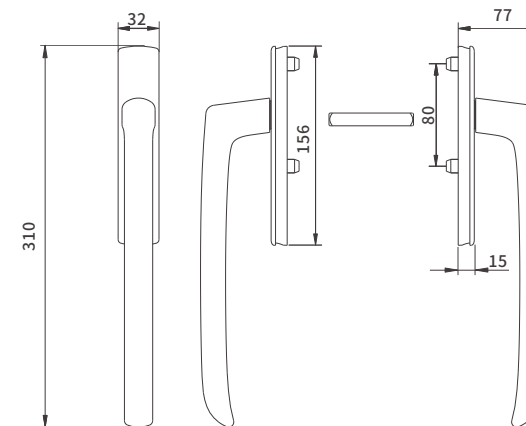
- Amino baking paint: ZST31S
- Amino baking paint without
locking core hole: ZST31

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm

Code:

- Amino baking paint: ZST311S
- Amino baking paint without
locking core hole: ZST311

**Product description:**

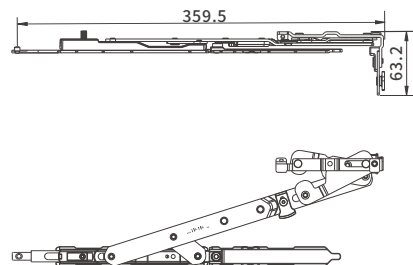
- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Lifting sliding door
- **Technical parameters:**
Steel square: 10mm*10mm
insertion depth: 23-28mm

Code:

- Amino baking paint: ZST231S
- Amino baking paint without
locking core hole: ZST231

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH620A-L/R
Technical parameters:
- Max loading : 90Kgs
Left type / R type
Opening angle: 90 degree

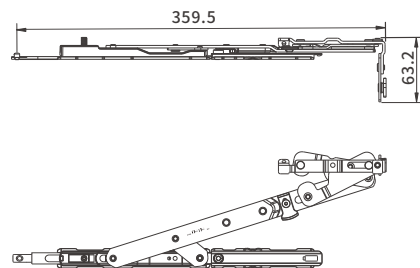
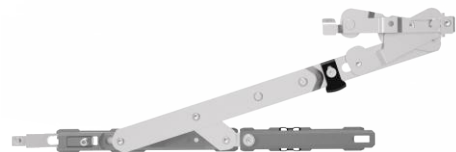


Code:

■ C shape Groove: ZHY632-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH620A-L/R
Technical parameters:
- Max loading : 90Kgs
Left type / R type
Opening angle: 90 degree

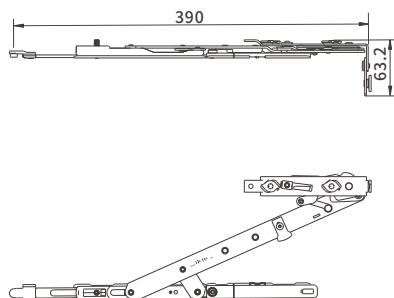


Code:

■ C shape Groove: ZHY633-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH680-L/R
Technical parameters:
- Max loading : 80Kgs
Left type / R type
Opening angle: 180 degree

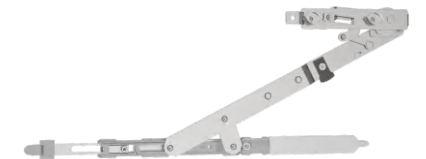
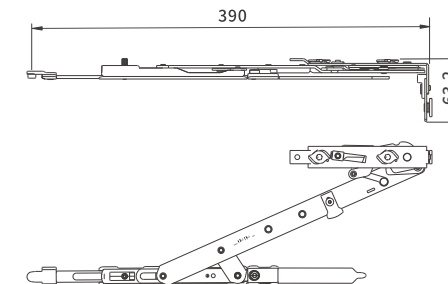


Code:

■ C shape Groove: ZHY670-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH680-L/R
Technical parameters:
- Max loading : 80Kgs
Left type / R type
Opening angle: 180 degree

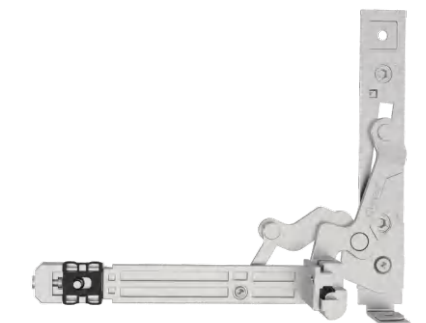
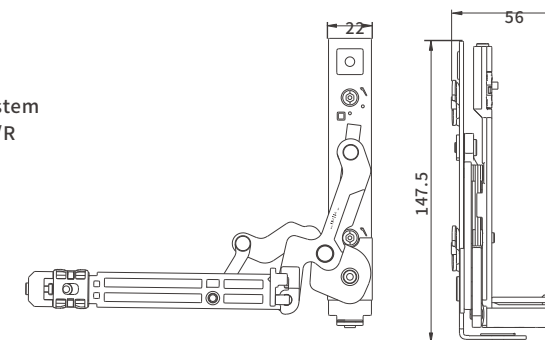


Code:

■ C shape Groove: ZHY672-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH670-L/R Or ZYH672-L/R
Technical parameters:
- Max loading : 80Kgs
Left type / R type
Opening angle: 180 degree

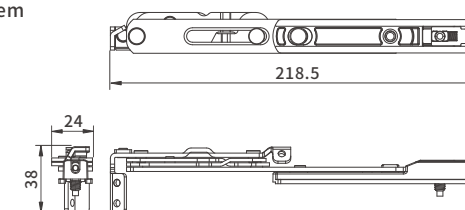


Code:

■ C shape Groove: ZHY680-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Suitable for open-in turn and tilt system
used with ZYH620A-L/R
Technical parameters:
- Max loading : 90Kgs
Left type / R type



Code:

■ C shape Groove: ZHY611-L/R
■ 23/27 Groove: ZHY611K-L/R



HINGE SERIES

The pictures are for reference only,
and the product is subject to the actual product



Hard surface



Stable performance



Smooth opening

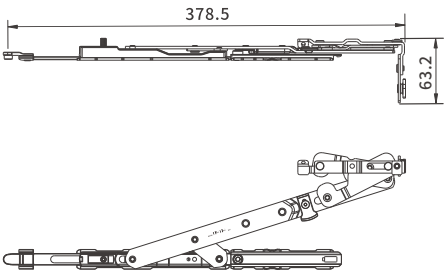
HINGE SERIES

CIFIAL

HIDDEN WINDOW HINGE

Product description:

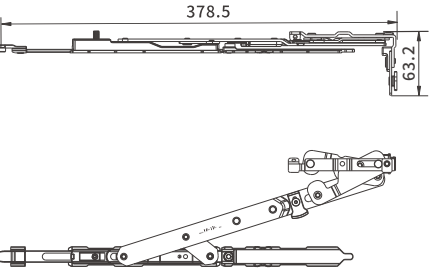
- **Surface treatment:**
Sanding
- **Adapting system:**
suitable for open-in turn and tilt system
used with ZYH620A-L/R
- **Technical parameters:**
 - Max loading : 90Kgs
 - Left type / R type
 - Opening angle: 90 degree



Code:
■ C shape Groove : ZHY610A-L/R
■ 23/27 Groove : ZHY610AK-L/R

Product description:

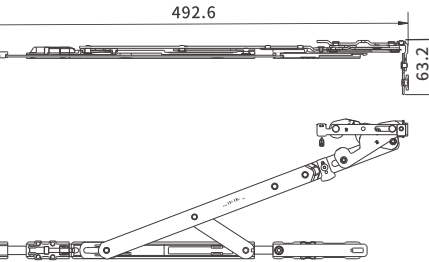
- **Surface treatment:**
Sanding
- **Adapting system:**
suitable for open-in turn and tilt system
used with ZYH620A-L/R
- **Technical parameters:**
 - Max loading : 90Kgs
 - Left type / R type
 - Opening angle: 90 degree



Code:
■ C shape Groove : ZHY612A-L/R

Product description:

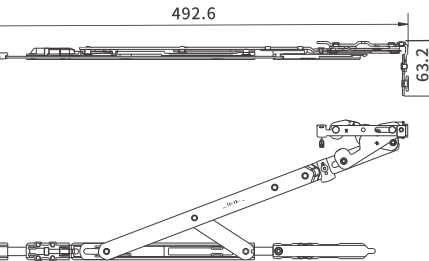
- **Surface treatment:**
Sanding
- **Adapting system:**
suitable for open-in turn and tilt system
used with ZYH620A-L/R
- **Technical parameters:**
 - Max loading : 90Kgs
 - Left type / R type
 - Opening angle: 90 degree



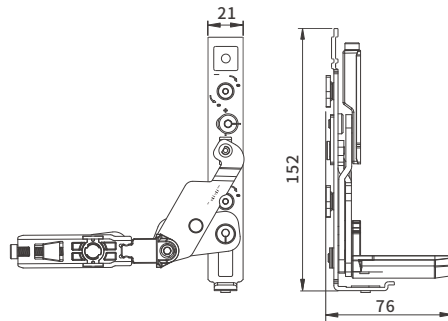
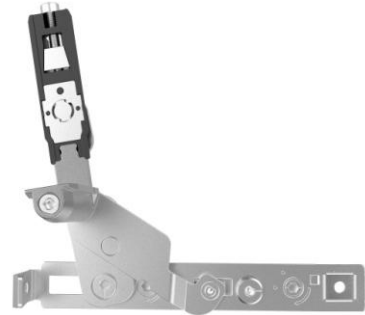
Code:
■ C shape Groove : ZHY615-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
suitable for open-in turn and tilt system
used with ZYH620A-L/R
- **Technical parameters:**
 - Max loading : 90Kgs
 - Left type / R type
 - Opening angle: 90 degree



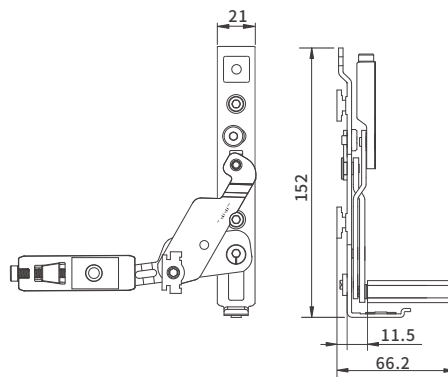
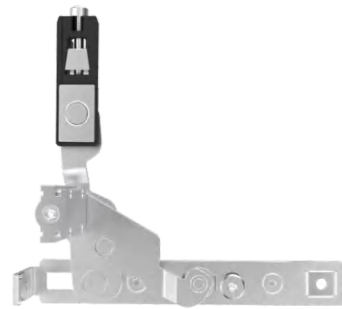
Code:
■ C shape Groove : ZHY616-L/R

**Product description:**

- **Surface treatment:** Sanding
- **Adapting system:**
Which can be used together with ZHY610A-L/R or ZHY611-L/R or ZHY612A-L/R or ZHY615-L/R or ZHY616-L/R or ZHY632-L/R or ZHY633-L/R, suitable for open-in turn and tilt system swing open-n system
- **Technical parameters:**
Max loading : 90Kgs
Opening angle: 90 degree
Left type / R type

Code:

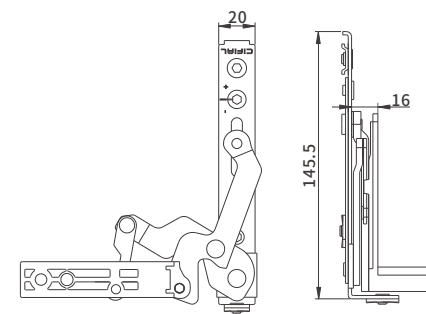
- C shape Groove: ZHY620A-L/R
- 23/27 Groove: ZHY620K-L/R

**Product description:**

- **Surface treatment:**
Sanding
- **Adapting system:**
Inward casement window
- **Technical parameters:**
Max loading : 60Kgs
Left type / R type

Code:

- C shape Groove: ZHY630-L/R

**Product description:**

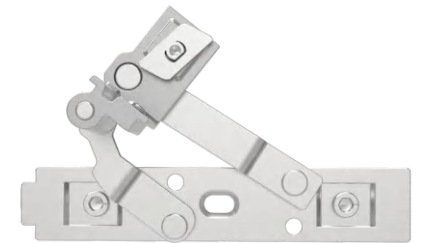
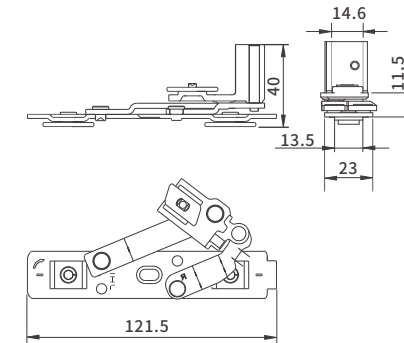
- **Surface treatment:**
Grinding treatment
- **Adapting system:**
Inward casement window
- **Technical parameters:**
Max loading : 60Kgs
Opening angle: 180 degree
Left type / R type

Code:

- C shape Groove: ZHY638-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Screen window
- **Technical parameters:**
Max loading : 20Kgs
Opening angle: 90 degree
Left type / R type

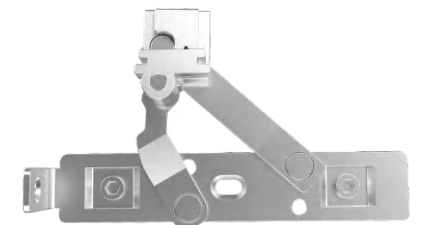
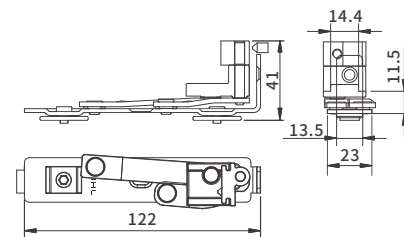


Code:

- C shape Groove: ZHY510A-L/R
- 23/27 Groove: ZHY510AK-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adapting system:**
Open-in screen window
- **Technical parameters:**
Max loading : 10Kgs
Opening angle: 90 degree
quick disassembly and assembly,
Left type / R type

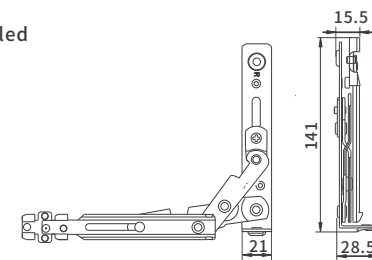


Code:

- C shape Groove: ZHY512-L/R
- 23/27 Groove: ZHY512K-L/R

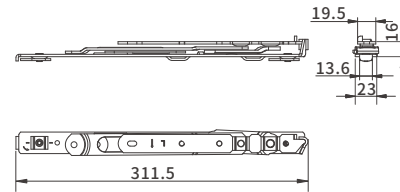
Product description:

- **Surface treatment:** sanding
- **Adaptation system:** screen window
(hinges , stay arm and limiter need be installed when used for open-out screen window)
- **Technical parameters:**
Max loading : 10Kgs
Opening angle: 89 degree
Left type / R type



Code:

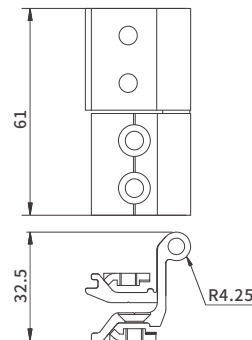
- C shape Groove: ZHY515-L/R

**Product description:**

- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Fireproof top hung window
- **Technical parameters:**
The maximum load is 60kg, the opening angle is 88°, and it must be used together with other fireproof accessories.
- **Product features:**
Low damping hinge,
Left type / R type

Code:

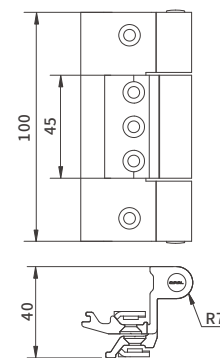
■ C shape Groove: ZHS10-L/R

OPEN MOUNTED WINDOW HINGE**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Open-in screen
- **Technical parameters:**
Max loading : 10Kgs
hinge passage: 3.5-5mm,
Left type / R type

Code:

■ C shape Groove: ZH213-L/R

**Product description:**

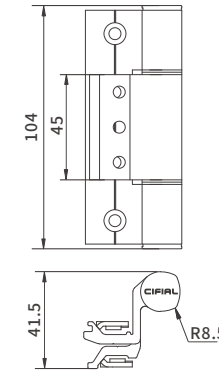
- **Surface treatment:**
Amino baking paint
- **Adapting system:**
inward casement window (23/27 Groove)
- **Technical parameters:**
Max loading : 60Kgs
hinge passage: 3.5-5mm

Code:

■ 23/27notch: ZH310K

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Open-in casement window
- **Technical parameters:**
Max loading : 80Kgs,
hinge passage: 3.5-5mm

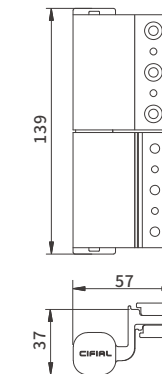


Code:

■ C shape Groove: ZH311

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
Max loading : 130Kgs
hinge passage: 4-5mm,
Left type / R type

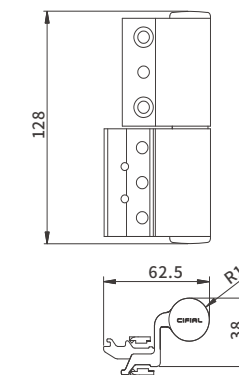


Code:

■ C shape Groove: ZH260-L/R

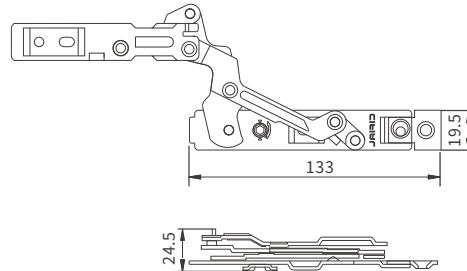
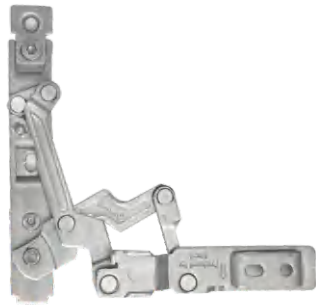
Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door (23/27 Groove)
- **Technical parameters:**
Max loading : 120Kgs
hinge passage: 3.5-5mm,
Left type / R type



Code:

■ 23/27notch: ZH261K-L/R

**Product description:**

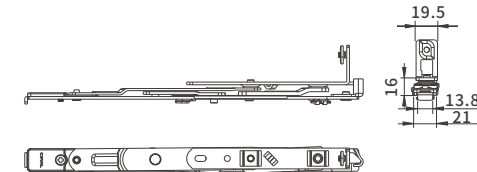
- **Surface treatment:**
Stainless steel natural color
- **Adaptation system:**
Open-in screen winow
- **Technical parameters:**
Max loading : 15Kgs
Opening angle: 180 degree
- **Product features:**
Quick disassembly and assembly,
Left type / R type.

Code:

- C shape Groove: ZHY516-L/R

Product description:

- **Surface treatment:**
Sanding
- **Adaptation system:**
Outward casement window
(used with antifalling device,
please close the window in
time in bad weather)
- **Technical parameters:**
Max loading : 60Kgs
- **Product features:**
The product has left and right,
low damping hinge,
windows should be closed in a
timely manner for wind loads >=4
levels to prevent accidents

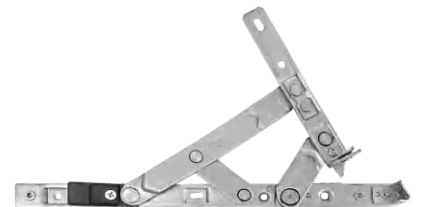
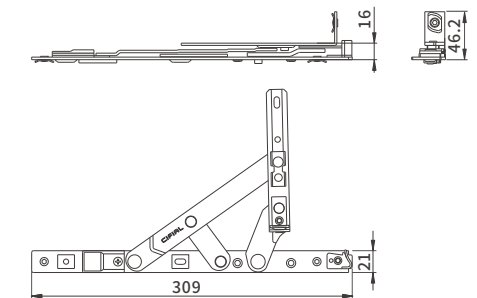


Code:

- C shape Groove: ZHJ17-L/R
- 23/27 Groove: ZHJ17K-L/R

Product description:

- **Surface treatment:**
Stainless steel natural color
- **Adaptation system:**
Outward casement window
(used with antifalling device)
- **Technical parameters:**
Max loading : 60Kgs
Opening angle: 87 degree
Left type / R type

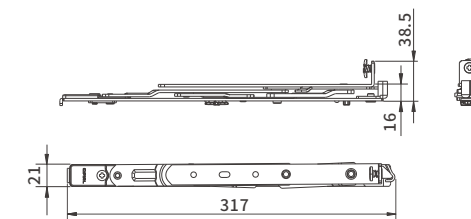


Code:

- C shape Groove: ZHJ13-L/R

Product description:

- **Surface treatment:** Sanding
- **Adaptation system:**
Outward casement window
(used with antifalling device)
- **Technical parameters:**
Max loading : 80Kgs
Opening angle: 87 degree
Left type / R type

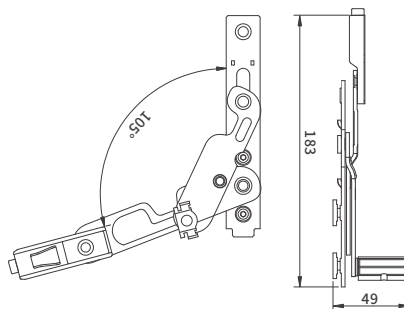


Code:

- C shape Groove: ZHJ20-L/R
- 23/27 Groove: ZHJ20K-L/R

Product description:

- **Surface treatment:** Sanding
- **Adapting system:** Swing door
- **Technical parameters:**
Max loading : 120Kgs
one set of ZHY622-SL and ZHY622-XL,
one set of ZHY622-SR and ZHY622-XR,
Left type / R type.

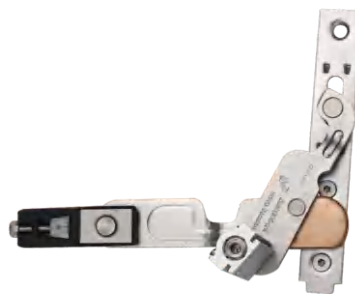
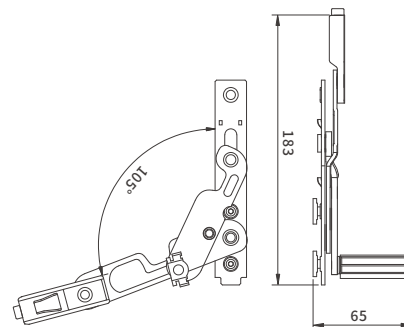


Code:

- Top hinge: ZHY622-SL/SR

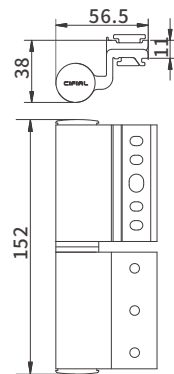
Product description:

- **Surface treatment:** Sanding
- **Adapting system:** Swing door
- **Technical parameters:**
Max loading : 120Kgs
one set of ZHY622-SL and ZHY622-XL,
one set of ZHY622-SR and ZHY622-XR,
Left type / R type.



Code:

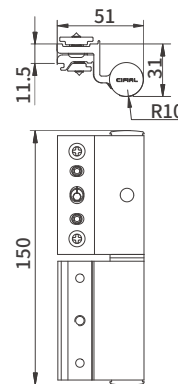
- Bottom hinge: ZHY622-XL/XR

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
Max loading : 150Kgs
hinge passage: 4-5mm,
Left type / R type

Code:

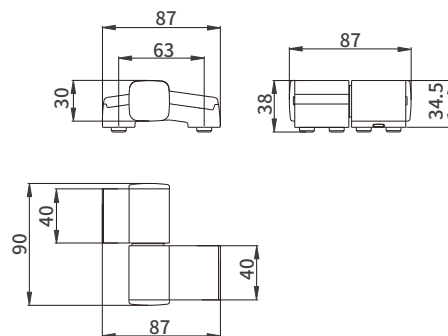
■ C shape Groove: ZH262-L/R

**Product description:**

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door of frame and sash flush
- **Technical parameters:**
Max loading : 120Kgs,
hinge passage: 4-5mm,
Left type / R type

Code:

■ C shape Groove: ZH263-L/R

**Product description:**

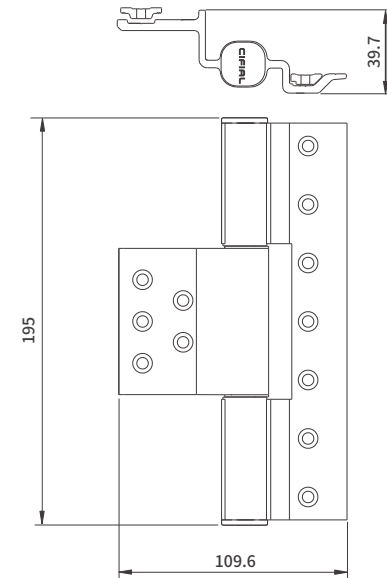
- **Surface treatment:**
amino baking paint
- **Adapting system:**
Swing door of frame and sash flush
- **Technical parameters:**
Max loading : 150Kgs,
Left type / R type

Code:

■ ZH264-L/R

Product description:

- **Surface treatment:**
Amino baking paint
- **Adapting system:**
Swing door
- **Technical parameters:**
Max loading : 150Kgs,
hinge passage: 4-5mm

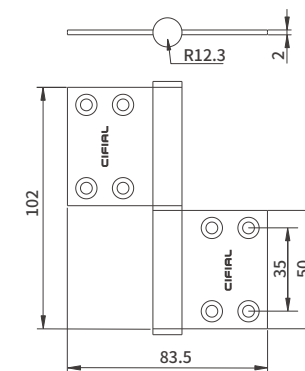


Code:

■ ZH360

Product description:

- **Surface treatment:**
Stainless steel brush
- **Adapting system:**
narrow edge bathroom door
- **Technical parameters:**
Max loading : 40Kgs

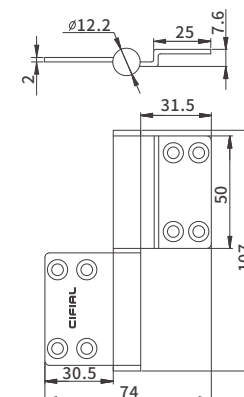


Code:

■ ZH110

Product description:

- **Surface treatment:**
Stainless steel brush
- **Adapting system:**
Narrow edge bathroom door
- **Technical parameters:**
Max loading : 40Kgs,
Left type / R type

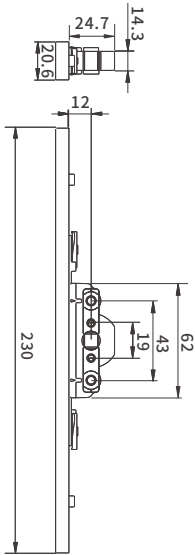


Code:

■ ZSQ110-L/R



Code:
■ ZDA202



Product description:

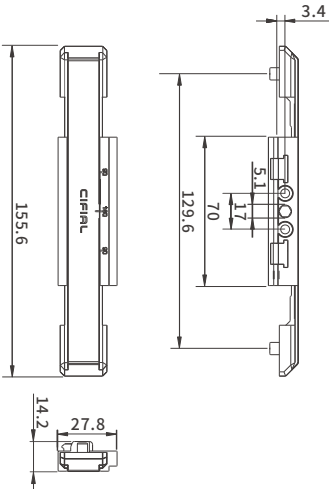
- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
turn and tilt window
- **Product feature:**
Center distance 12mm,
anti pull deviation,
one-way double stroke

Code:

Product code	Center distance
ZDA202	12mm
ZDA205	15mm



Code:
■ ZDP10

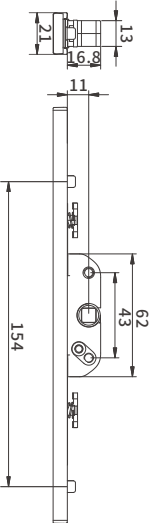


Product description:

- **Surface treatment:**
Microcrystalline coating (Black)
- **Adapting system:**
turn and tilt window
- **Product feature:**
One-way double stroke ,
used with eccentric handle ZSP10



Code:
■ ZDA110N



Product description:

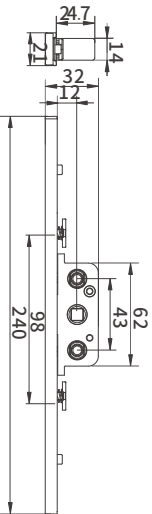
- **Surface treatment:**
Silver/black
- **Adapting system:**
Swing door/sliding door
- **Product feature:**
Center distance 11mm,
one-way single stroke

Product description:

- **Surface treatment:**
Silver/black
- **Adapting system:**
Horizontal pivoting window
- **Product feature:**
Center distance 12mm,
anti pull deviation,
one-way double stroke

Code:

Product code	Center distance
ZDA212	12mm
ZDA215	15mm



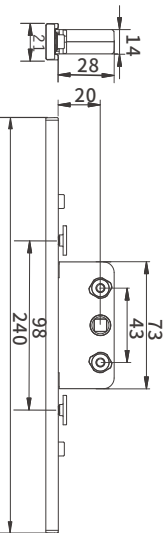
Code:
■ ZDA212

Product description:

- **Surface treatment:**
Silver/black
- **Adapting system:**
Swing door/sliding door
- **Product feature:**
Center distance 20mm,
anti pull deviation,
one-way single stroke

Code:

Product code	Center distance
ZDB110	20mm
ZDB111	25mm
ZDB113	27.5mm
ZDB130	30mm
ZDB131	35mm



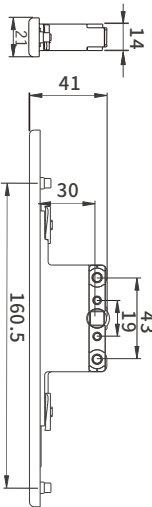
Code:
■ ZDB110

Product description:

- **Surface treatment:**
Electroplated natural color/
microcrystalline coating (Black)
- **Adapting system:**
Swing door/sliding door
- **Product feature:**
Center distance 25mm,
anti pull deviation,
one-way single stroke

Code:

Product code	Center distance
ZDA130	30mm
ZDA125	25mm

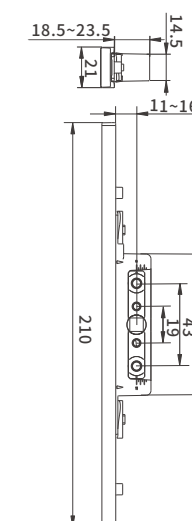


Code:
■ ZDA125

TRANSMITTER

Product description:

- **Surface color:** Black
- **Adapting system:** Swing door/sliding door
- **Technical parameters:** Anti pull deviation, one-way single stroke. Suitable for conventional handle and non base handle
- **Product feature:** Stepless adjustment of center distance
Adjustable range: 11mm-16mm

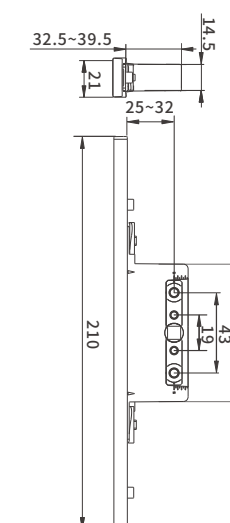


Code:

■ Patented product: ZDA110AT

Product description:

- **Surface color:** Black
- **Adapting system:** Swing door/sliding door
- **Technical parameters:** Anti pull deviation, one-way single stroke. Suitable for conventional handle and non base handle
- **Product feature:** Stepless adjustment of center distance
Adjustable range: 25mm-32mm

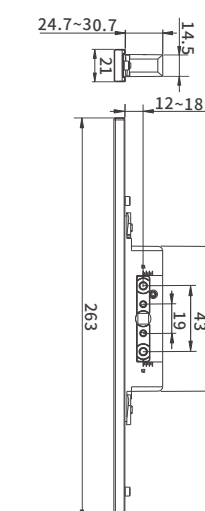


Code:

■ Patented product: ZDA120AT

Product description:

- **Surface treatment:** Black
- **Adapting system:** turn and tilt window
- **Technical parameters:** Anti pull deviation, one-way double stroke, Suitable for conventional handle and non base handle
- **Product feature:** Stepless adjustment of center distance, adjustable range 12mm-18mm



Code:

■ Patented product: ZDA218AT

TRANSMITTER SERIES

Smooth opening
Stable performance
Center distance is adjustable

The pictures are for reference only,
and the product is subject to the actual product

DOOR LOCK &
COVER PLATE
SERIES

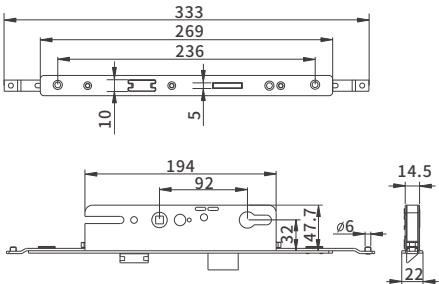
The pictures are for reference only,
and the product is subject to the actual product

DOOR LOCK SERIES

DOOR LOCK

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Swing door
- **Technical parameters:**
Center distance 32mm

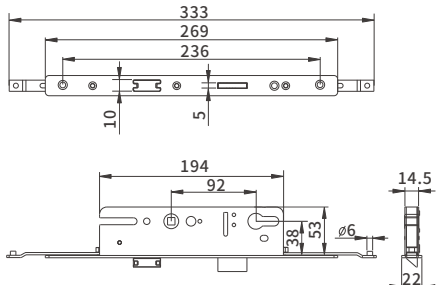


door lock

- Code:
- Multi point lock model : ZMS3292/I
 - Single point lock model : ZMS3292/II

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Swing door
- **Technical parameters:**
Center distance 32mm

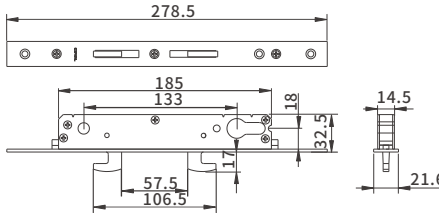


door lock

- Code:
- Multi point lock model : ZMS3892/I
 - Single point lock model : ZMS3892/II

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Center distance 18mm

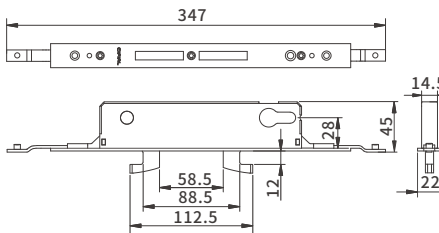


hook lock

- Code:
- Single point lock model : ZMSG1830/II

Product description:

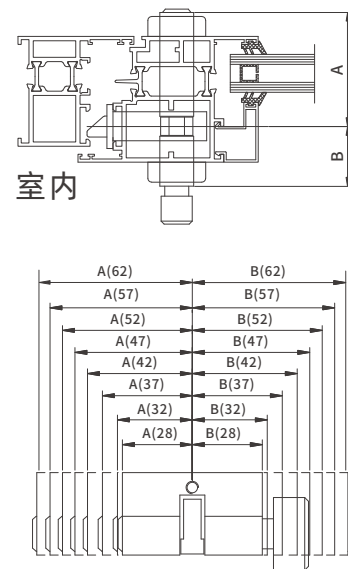
- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Center distance 28mm



hook lock

- Code:
- Multi point lock model : ZMSG2820/I
 - Single point lock model : ZMSG2820/II

LOCK CORE



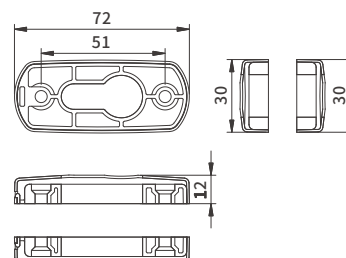
Product description:

- **Adapting system:**
Sliding door, swing doors
- **Technical parameters:**
Used together with door lock and hook lock
◆A is the dimension from the exterior wall (key end) to the center
◆B is the dimension from the interior wall (handwheel end) to the center

Code:

- Single sided key: ZMXAB/T
- Double sided key: ZMXAB

LOCK CORE BOX



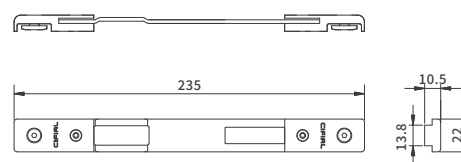
Product description:

- **Surface treatment:**
Amino baking varnish / Anodizing
- **Adapting system:** Sliding door
- **Technical parameters:**
Used with lock core

Code:

- Amino baking paint: ZMH10
- Anodic oxidation: ZMH10Y

COVER PLATE



Product description:

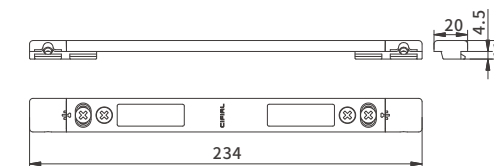
- **Surface treatment:**
Sanding treatment/microcrystalline coating
- **Adapting system:**
Swing door
- **Technical parameters:**
Used with door lock

Code:

- C shape Groove: ZMK11

Product description:

- **Surface treatment:**
Sanding treatment/
microcrystalline coating
- **Adapting system:**
Swing door
- **Technical parameters:**
Used with door lock

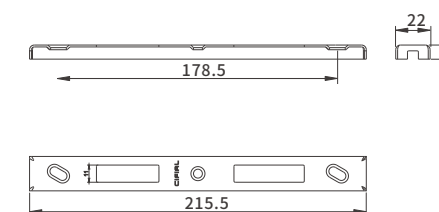


Code:

- C shape Groove: ZMK12
- 23/27 Groove code: ZMK12K

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Swing door
- **Technical parameters:**
Used with door lock

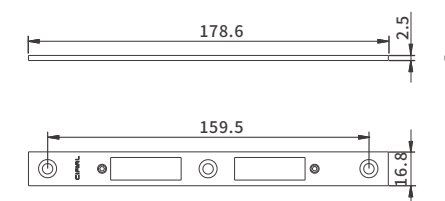


Code:

- ZMK14

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Swing door
- **Technical parameters:**
Used with door lock

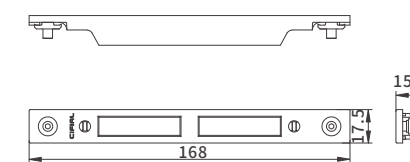


Code:

- ZMK15

Product description:

- **Surface treatment:**
Microcrystalline coating
- **Adapting system:**
Sliding door
- **Technical parameters:**
Used in conjunction with hook locks



Code:

- ZMK10

HANDLE & SLIDING LOCK SERIES

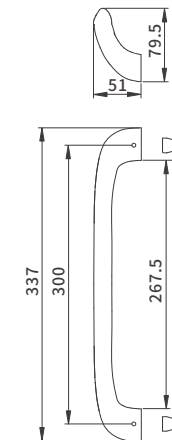


The pictures are for reference only,
and the product is subject to the actual product

HANDLE

Product description:

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding door
- **Technical parameters:**
The center distance is 300mm



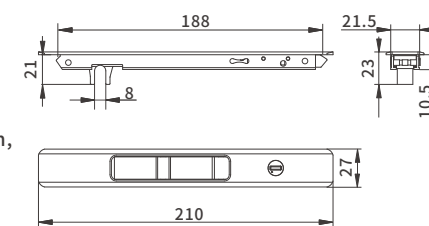
Code:

- Amino baking varnish: ZTL11

SLIDING LOCK

Product description:

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Adaptive profile thickness 25-35mm,
no key, multi-point locking

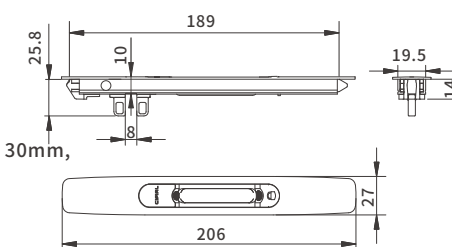


Code:

- Without lock cylinder: ZTS210
- With lock cylinder ZTS210S

Product description:

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 30mm,
multi-point locking, and the
key cannot be fully opened

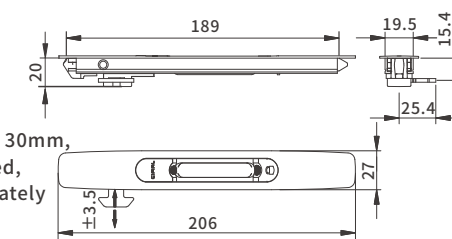


Code:

- Without lock cylinde: ZTS211
- With lock cylinder: ZTS211S

Product description:

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 30mm,
and the key cannot be fully opened,
Lock hook need be ordered seperately



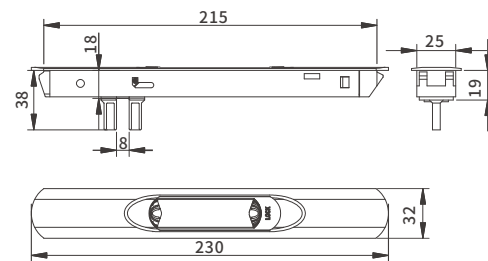
Code:

- Without lock cylinde: ZTS111
- Automatic without lock cylinder: ZTS111K
- With lock cylinder : ZTS111S
- Automatic lock with lock cylinder: ZTS111KS

ZTS111-02	ZTS111-03	ZTS111-04	ZTS111-05

COLORS

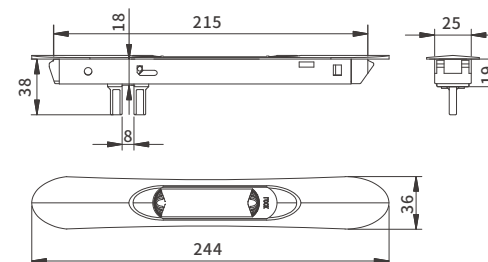
Fashion Silver Starry Grey bronze light inky black modern black pearl white

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 45mm
single/ multi points locking function

Code:

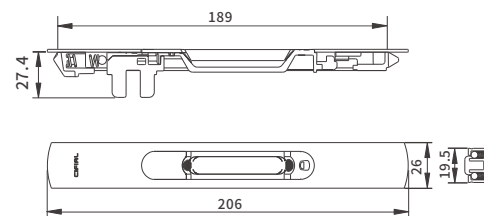
■ Amino baking varnish: ZTS212

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 45mm
single/ multi points locking function

Code:

■ Amino baking varnish: ZTS213

**Product description:**

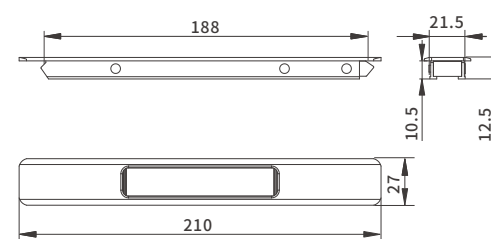
- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 30mm

Code:

■ Without lock cylinder: ZTS215

■ Automatic lock (without cylinder, with hook): ZTS215K

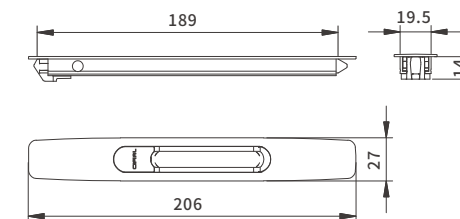
DECORATIVE SLIDING HANDLE

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 15mm if it is used alone

Code:

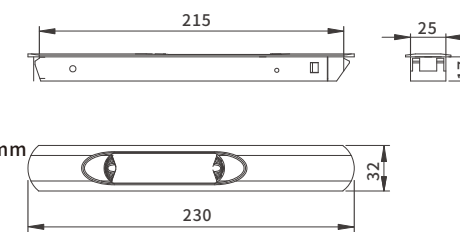
■ Amino baking varnish: ZTK10

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 18mm if it is used alone

Code:

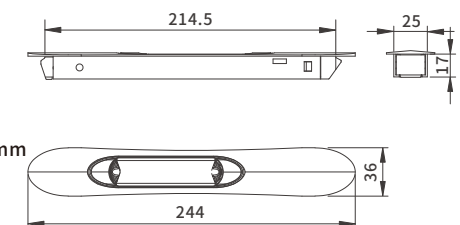
■ Amino baking varnish: ZTK11

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 45mm

Code:

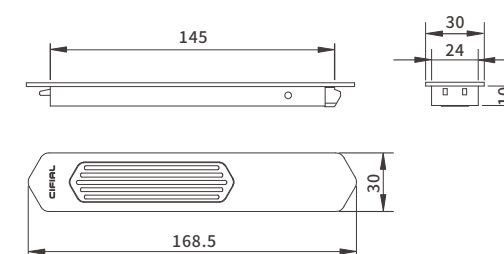
■ Amino baking varnish: ZTK12

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W
- **Technical parameters:**
Suitable for profile thickness min 45mm

Code:

■ Amino baking varnish: ZTK13

**Product description:**

- **Surface treatment:**
Amino baking varnish
- **Adapting system:**
Sliding D&W

Code:

■ amino baking varnish: ZTK15

ROLLER
SERIES

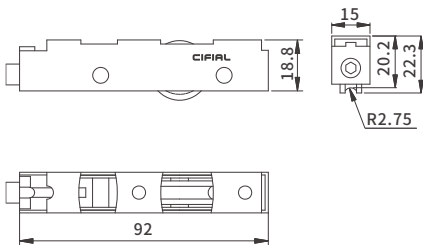


The pictures are for reference only,
and the product is subject to the actual product

ROLLER

Product description:

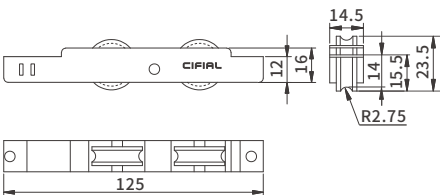
- **Surface treatment:**
Brush
- **Adapting system:**
Sliding window
- **Technical parameters:**
Maximum load bearing 30kg/2PCS,
adjustable height of 5mm



Code:
■ ZRC110

Product description:

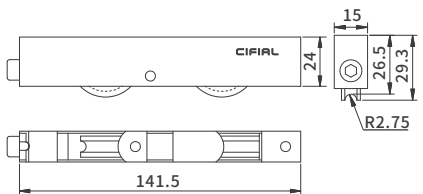
- **Surface treatment:**
Brush
- **Adapting system:**
Sliding window
- **Technical parameters:**
Maximum load bearing 40kg/2PCS,
adjustable height of 3mm



Code:
■ ZRC210

Product description:

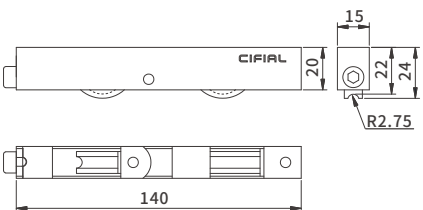
- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 80kg/2PCS,
adjustable height of 7mm



Code:
■ ZRM210

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 60kg/2PCS,
adjustable height of 5mm

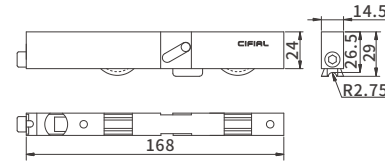


Code:
■ ZRM211



Code:

■ ZRM212

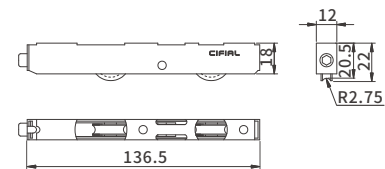
**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 80kg/2PCS,
adjustable height of 7mm



Code:

■ ZRM213

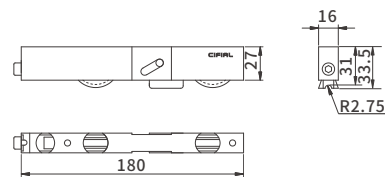
**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 60kg/2PCS,
adjustable height of 3mm



Code:

■ ZRM214

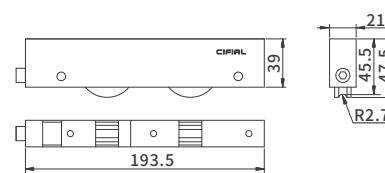
**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 100kg/2PCS,
adjustable height of 6mm



Code:

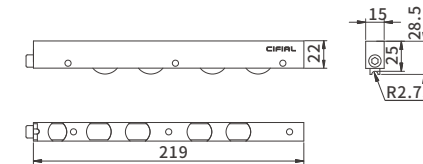
■ ZRM215

**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 200kg/2PCS,
adjustable height of 10mm

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 120kg/2PCS,
adjustable height of 7mm

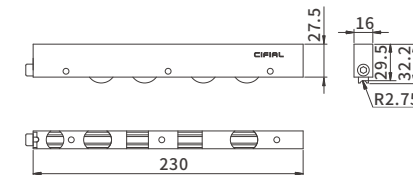


Code:

■ ZRM410

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 200kg/2PCS,
adjustable height of 7mm

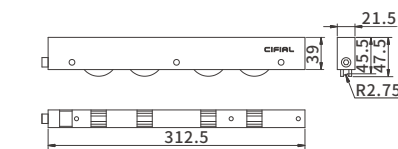


Code:

■ ZRM411

Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 300kg/2PCS,
adjustable height of 10mm

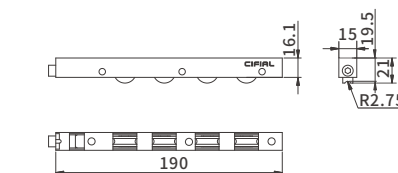


Code:

■ ZRM412

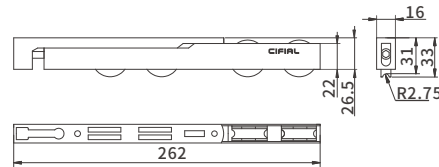
Product description:

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 100kg/2PCS,
adjustable height of 5mm



Code:

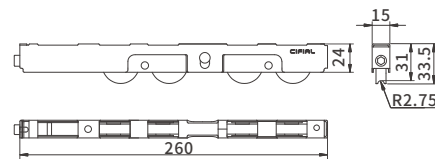
■ ZRM413

**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 200kg/2PCS,
adjustable height of 6mm

Code:

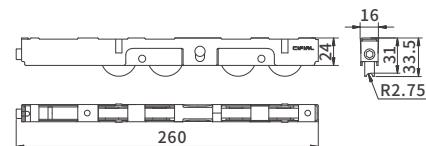
■ ZRM414

**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 160kg/2PCS,
adjustable height of 5mm

Code:

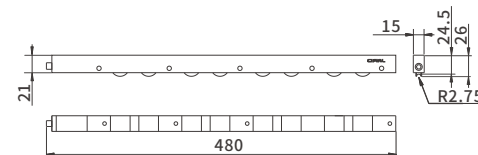
■ ZRM415

**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 160kg/2PCS,
adjustable height of 5mm

Code:

■ ZRM416

**Product description:**

- **Surface treatment:**
Brush
- **Adapting system:**
Sliding door
- **Technical parameters:**
Maximum load bearing 300kg/2PCS,
adjustable height of 7mm

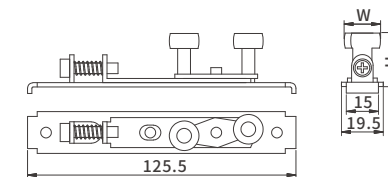
Code:

■ ZRM810

GUIDE PULLEY AND BOUNCE WHEEL

Product description:

- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Push-pull
- **Technical parameters:**
W=13-24mm,
H optional 19-29mm,
with 2 as the advanced unit

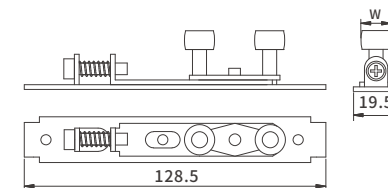


Code:

■ ZDL110

Product description:

- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Push-pull
- **Technical parameters:**
W=13-24mm,
H optional 19-29mm,
with 2 as the advanced unit

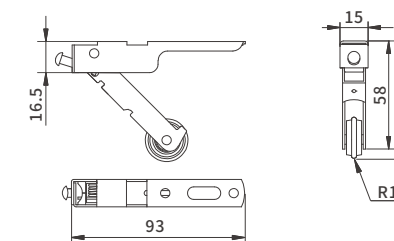


Code:

■ ZDL111

Product description:

- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Sliding door
- **Technical parameters:**
The compressibility is 38mm

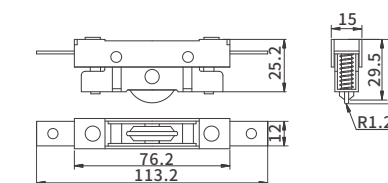


Code:

■ ZDL210

Product description:

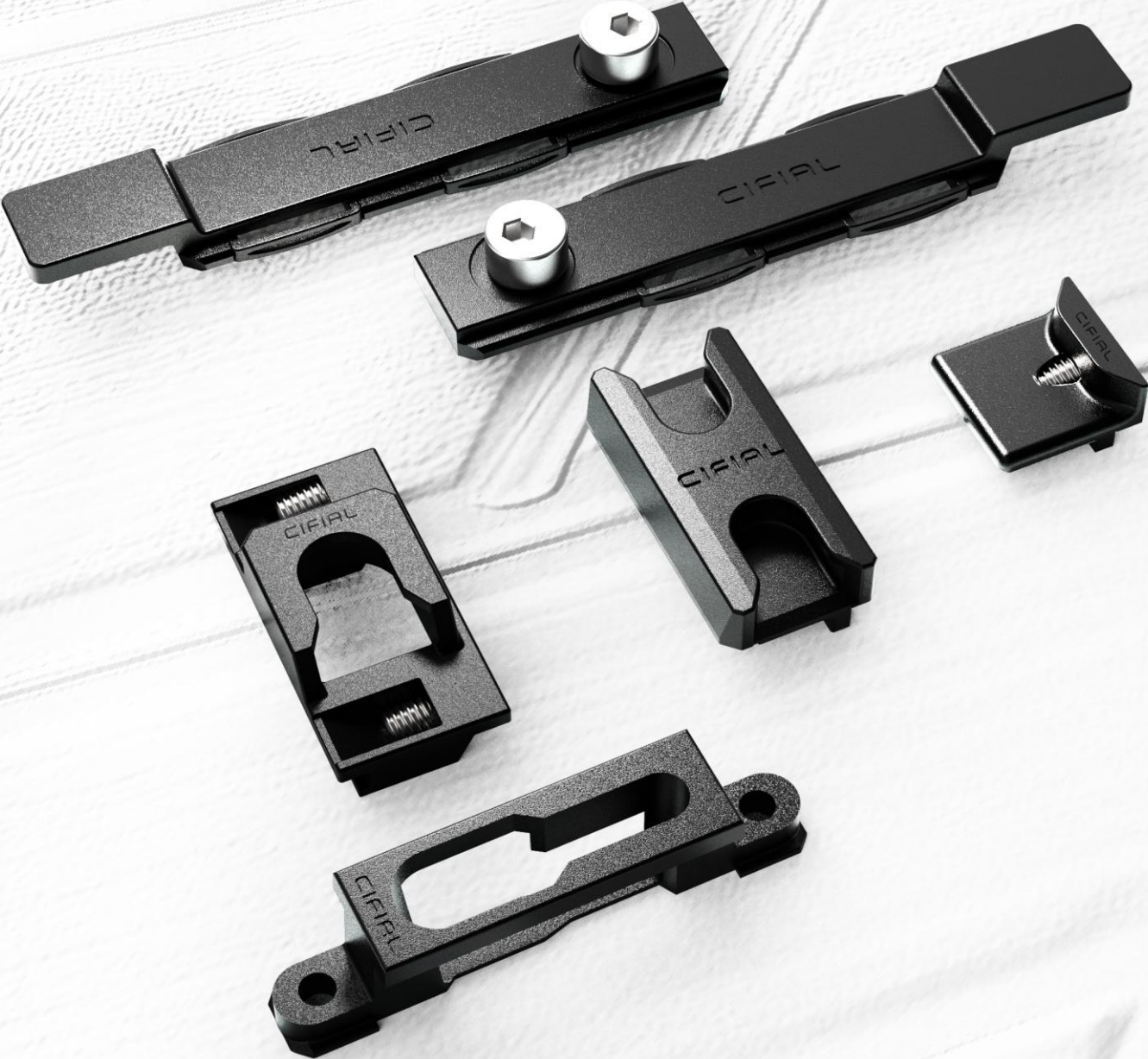
- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Sliding door
- **Technical parameters:**
The compressibility is 12mm



Code:

■ ZDL211

LOCKING PLATE
AND LATCH
SERIES



ergonomics



Full color



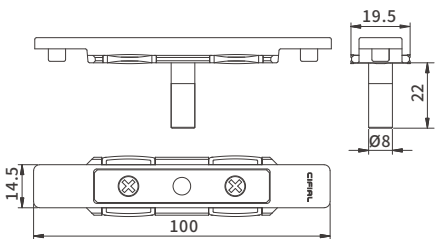
Smooth opening

The pictures are for reference only,
and the product is subject to the actual product

MAIN TRANSMISSION ROD

Product description:

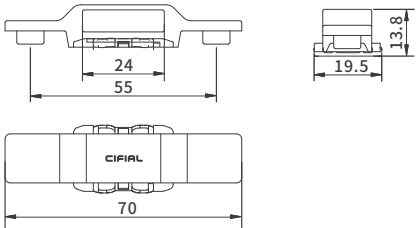
- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Pin length can be customized
(standard 22mm)



Code:
■ ZGZ10

Product description:

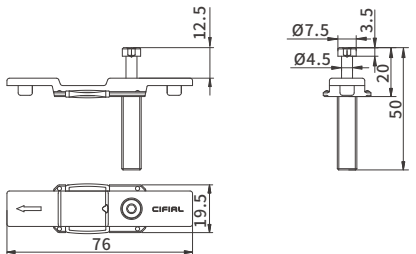
- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window&turn and tilt window
- **Technical parameters:**
Used together with the internal
split fork handle



Code:
■ ZGZ11

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door/window
- **Technical parameters:**
Pin length can be customized
(standard total length is 50mm)

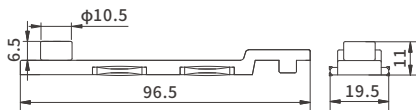


Code:
■ ZGZ12

MARGIN TRANSMISSION ROD

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Product features:**
Rolling lock point

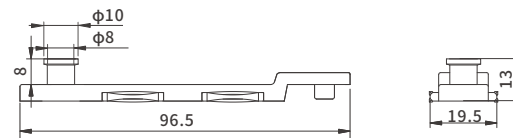


Code:
■ ZGB10G



Code:

■ ZGB10M

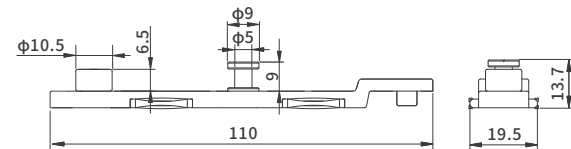
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Product features:**
Rolling mushroom head lock point,
anti-theft and anti prying



Code:

■ ZGB12

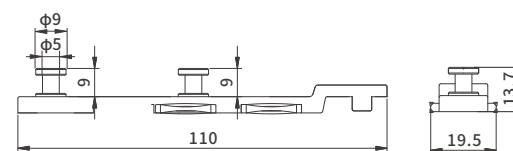
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Matching with the lock block
ZLP112-L/R
- **Product features:**
Anti-theft and anti prying



Code:

■ ZGB12M

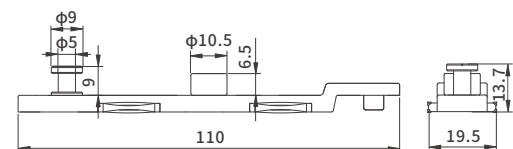
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Matching with the lock block
ZLP15-L/R



Code:

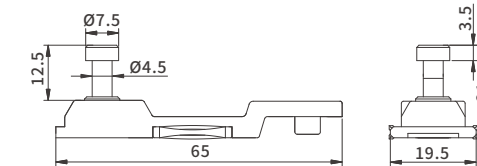
■ ZGB13

**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Mainly used for one-way transmission,
used with ZLP112-L/R

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door/window
- **Technical parameters:**
The adjustable range of standard
lock point height is 12mm-13mm,
and the lock point height can be
customized

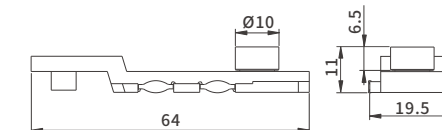


Code:

■ ZGB14M

**Product description:**

- **Surface treatment:**
Electroplating natura (Black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Rolling lock point

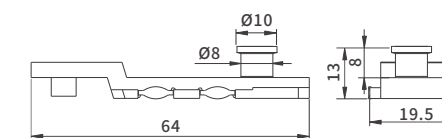


Code:

■ ZGB15G

**Product description:**

- **Surface treatment:**
Electroplating natura (Black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Rolling mushroom head lock
point, anti-theft and anti prying

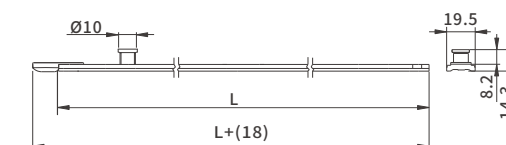


Code:

■ ZGB15M

**Product description:**

- **Adapting system:**
Casement window
- **Product features:**
rolling lock point,
anti-theft and anti prying ,
L value: 200-700mm



Code:

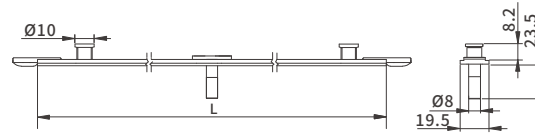
■ ZGL50M-L





Code:

■ ZGL10M-L

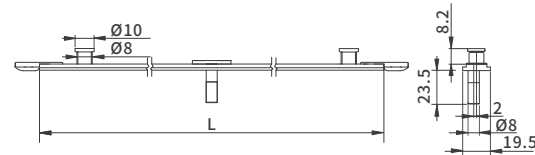
**Product description:**

- **Adapting system:**
Casement window
- **Technical parameters:**
L value: 500-1700mm, pin length can be customized (standard: 23.5mm)
- **Product features:**
Rolling mushroom head lock point



Code:

■ ZGL11M-L

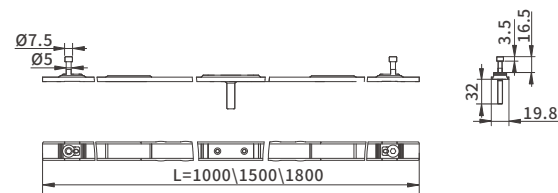
**Product description:**

- **Adapting system:**
Casement window
- **Technical parameters:**
L value: 500-1700mm, pin eccentricity: 2mm, pin length can be customized (standard: 23.5mm)
- **Product features:**
Rolling mushroom head lock point



Code:

■ ZGS10M-L

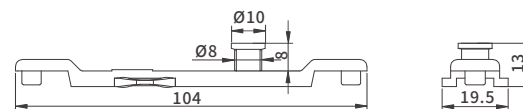
**Product description:**

- **Adapting system:**
Sliding door
- **Technical parameters:**
The height of the locking point can be customized (standard 16.5mm), The exposed length of pin shaft cannot be customized (L=1000/1500/1800)



Code:

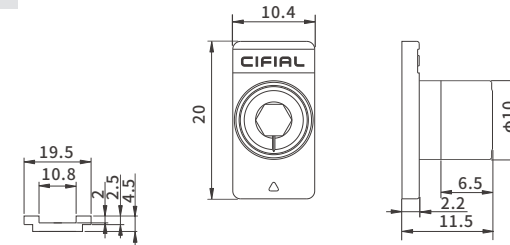
■ ZGZ20M

**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Rolling mushroom head lock point, anti-theft and anti prying

Product description:

- **Surface treatment:**
Natural color
- **Adapting system:**
turn and tilt window& Casement window
- **Technical parameters:**
Rolling lock point

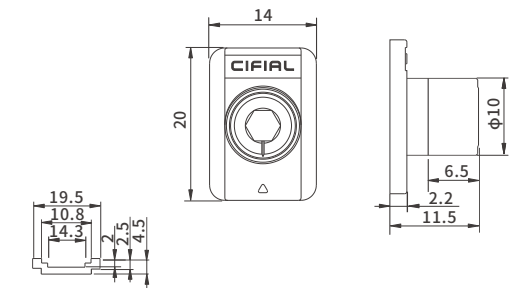


Code:

- Rolling Locking Points: ZHDG10
- Rolling mushroom head locking point: ZHDM10

Product description:

- **Surface treatment:**
Natural color
- **Adapting system:**
turn and tilt window& Casement window
- **Technical parameters:**
Rolling lock point

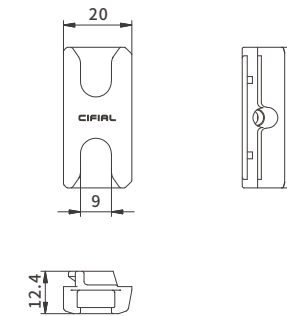


Code:

- Rolling Locking Points: ZHDG20
- Rolling mushroom head locking point: ZHDM20

LOCKING PLATE**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Matching with transmission rod ZGB10M

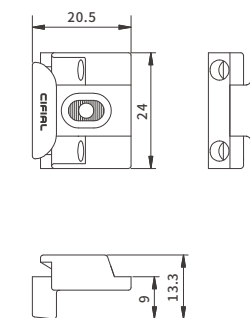


Code:

- C Shape Groove: ZLP110
- 23/27 Groove: ZLP110K

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Adjustment amount ± 1.5



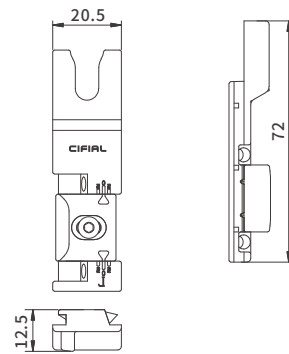
Code:

- C shape Groove: ZLP111
- 23/27 Groove: ZLP111K



Code:

- C shape Groove: ZLP112
- 23/27 Groove: ZLP112K

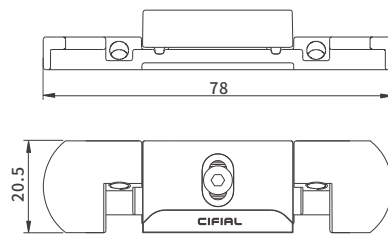
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window
- **Technical parameters:**
Adjustment ± 1.5 mm
Left-Type / R Type



Code:

- ZLP114

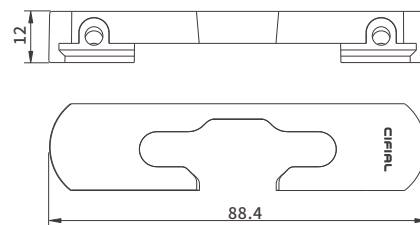
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Integrated doors and windows



Code:

- ZLP115

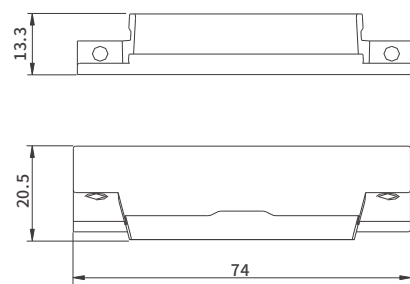
**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Integrated doors and windows



Code:

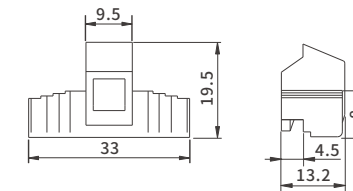
- ZLP116

**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Integrated doors and windows

Product description:

- **Surface treatment:**
Natural color treatment
- **Adapting system:**
Casement window
- **Technical parameters:**
Use with ZMCX10 and ZCX15 in Page 87

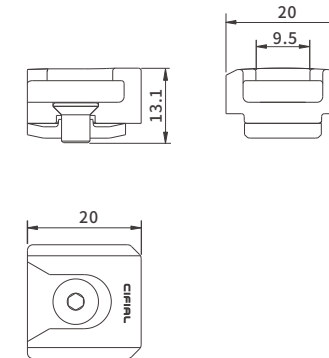


Code:

- ZLP118

Product description:

- **Surface treatment:**
Electroplated natural color
- **Adapting system:**
Casement window

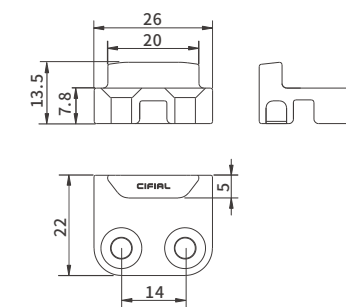


Code:

- ZLP120

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window

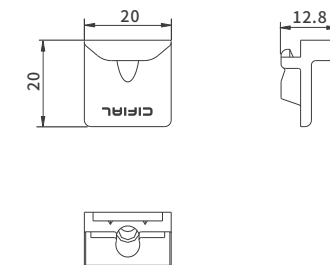


Code:

- ZLP121

Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window



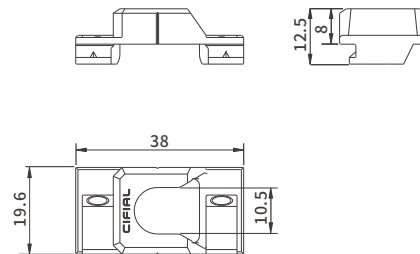
Code:

- C shape Groove: ZLP125



Code:

■ C shape Groove: ZLP126-L/R

**Product description:**

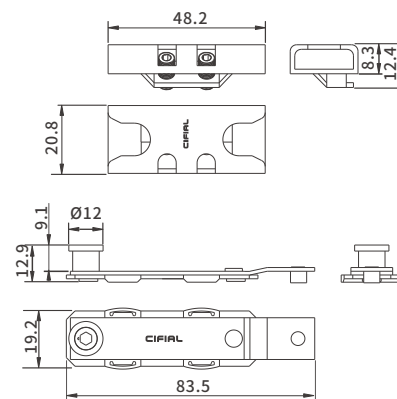
- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Casement window

FOUR-PIECE SET FOR CASEMENT WINDOWS



Code:

■ C shape Groove: ZJT70

**Product description:**

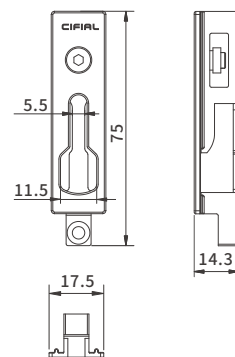
- **Frosting treatment:**
Sanding
- **Adapting system:**
Casement window

LATCH SERIES



Code:

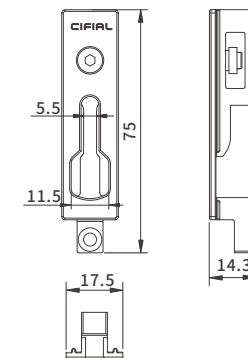
■ ZLM211

**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door
- **Installation:**
Fixing mode of clamping plate+
self tapping screw

Product description:

- **Surface treatment:**
Stainless steel natural color
- **Adapting system:**
Sliding door
- **Installation:**
Fixing mode of clamping plate+
self tapping screw
- **Product material:**
Stainless steel

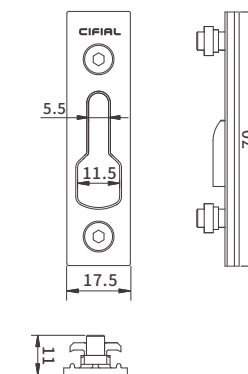


Code:

■ ZLM212

**Product description:**

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door
- **Installation:**
Double clamping plate fixing mode

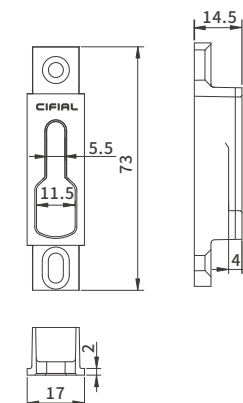


Code:

■ ZLM213

**Product description:**

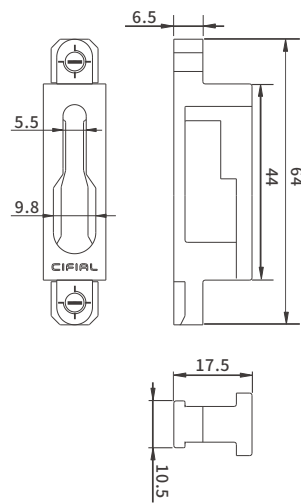
- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door
- **Installation:**
Self tapping screw



Code:

■ ZLM214





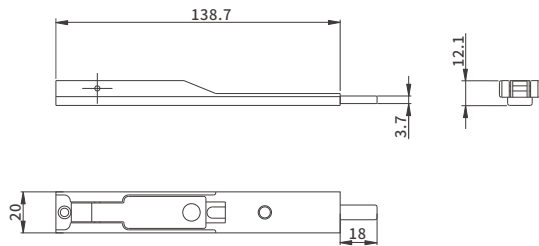
Product description:

- **Surface treatment:**
Microcrystalline coating (black)
- **Adapting system:**
Sliding door, for use with ZGB14M
- **Installation:**
Self tapping screw,
slot-in installation with hexagon
socket head cap screws for reverse
top fixing

Code:
■ ZLM215

OTHERS

LATCH ROD

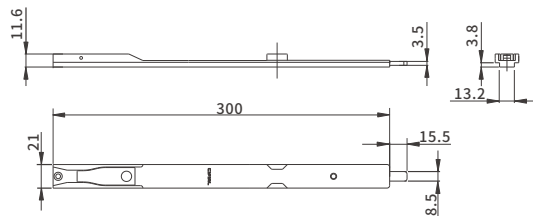


Product description:

- **Adapting system:**
Double casement door
- **Technical parameters:**
Use with ZLP118

Code:
■ ZCX15

LATCH ROD



Product description:

- **Adapting system:**
Double casement door
- **Technical parameters:**
Use with ZLP118

Code:
■ ZMCX10

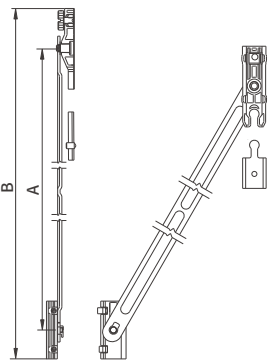
Product description:

- **Product Material:**
Stainless steel Plastic
- **Adapting system:**
turn and tilt window & Casement window
- **technical parameter:**
Rod and base can be separated and
convenient for cleaning
limit window opening angle

Code:

Model	A	B	Applicable window sash width	Opening angle
ZFX10-08	180	237	350	Custom
ZFX10-12	285	342	500	
ZFX10-14	335	392	600	
ZFX10-16	386	443	700	

(Note: The width of the fan is the value in the case of matching
with the open hinge.)



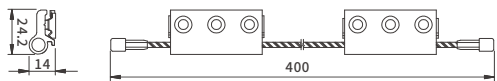
Limiter



Code:
■ ZFX10

Product description:

- **Surface treatment:**
Silver Anodizing
- **Adapting system:**
Outward casement
- **Technical parameters:**
When the frame is separated
from the sash, it can effectively
prevent the sash from falling off.
When the wind force is \geq level 5,
close the window.



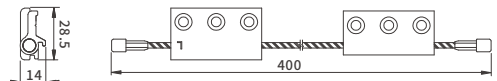
ANTI DETACHMENT DEVICE



■ C shape Groove: ZFT11

Product description:

- **Surface treatment:**
Silver Anodizing
- **Adapting system:**
Outward casement
- **Technical parameters:**
When the frame is separated
from the sash, it can effectively
prevent the sash from falling off.
When the wind force is \geq level 5,
close the window.

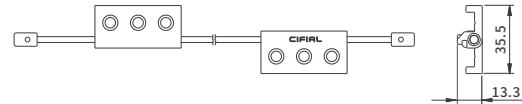


ANTI DETACHMENT DEVICE



■ 23/27 Groove: ZFT11K-L/R

ANTI DETACHMENT DEVICE



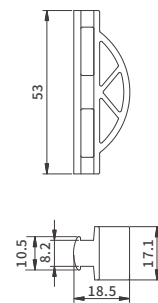
Product description:

- **Adapting system:**
Open-out casement window
- **Technical parameters:**
When the window frame is separated from the sash, it can effectively prevent the sash from falling off. When the wind force is \geq level 5, close the window

Code:

■ C shape Groove: ZFT13

CRASH PAD



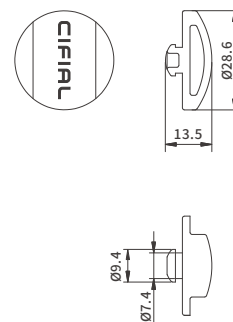
Product description:

- **Adapting system:**
Sliding door
- **Installation position:**
Mounted on the frame

Code:

■ ZFZ10

CRASH PAD



Product description:

- **Adapting system:**
Sliding door
- **Installation position:**
Installed on the sash

Code:

■ ZFZ11

ACCESSORIES



Corner Turner: ZJ110A



Corner Turner: ZJ210A



Corner Turner: ZJ320



Anti detachment block: ZFK10



Flip support: ZCX10B



Support base: ZLC15



Support block: ZLC11A

support seat
C shape Groove : ZLC10
23/27 Groove: ZLC10K

Middle locking plate: ZLP113



Adjusting block: ZFA20



Intermediate transmission rod: ZGZ21M



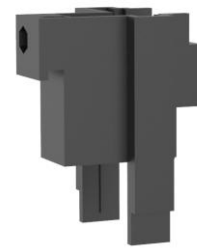
Adapter linkage: ZGZ22M



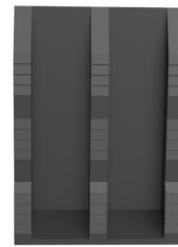
Support block: ZTL100-01



Lock cylinder cover: ZTL100-05

Left locating
block: ZTL100-06LRight locating
block: ZTL100-06R

Support base: ZTL100-08

Waterproof
cover: ZTL100-09

Support block: ZTL100-10



Left cover: ZTL100-11L



Top plate: ZTL100-12



Right plug end: ZTL100-13R



Plastic Spacer: ZTL100-15



Crash pad: ZFZ13

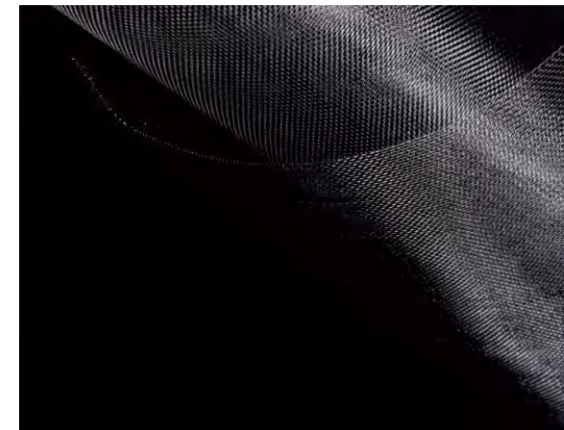


Anti-theft block: ZFD20

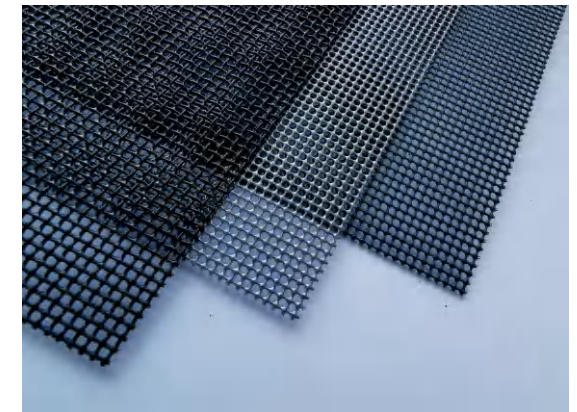


Latch rod / Bolt rod : ZCX12

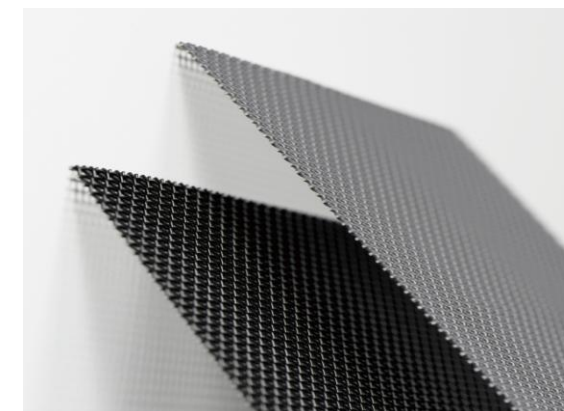
YARN MESH



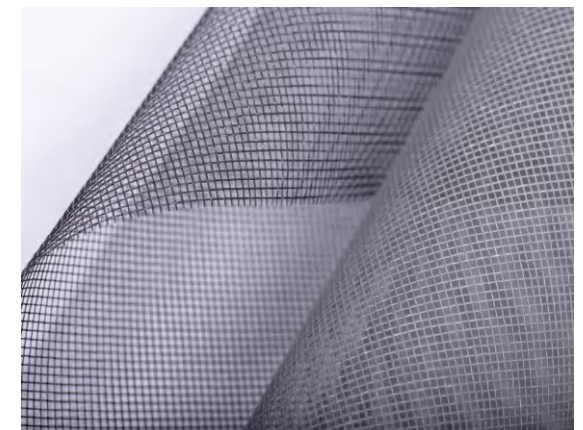
High definition invisible mesh



Apennine high strength alloy mesh



Stainless steel security mesh 304/316



Glass fiber mesh