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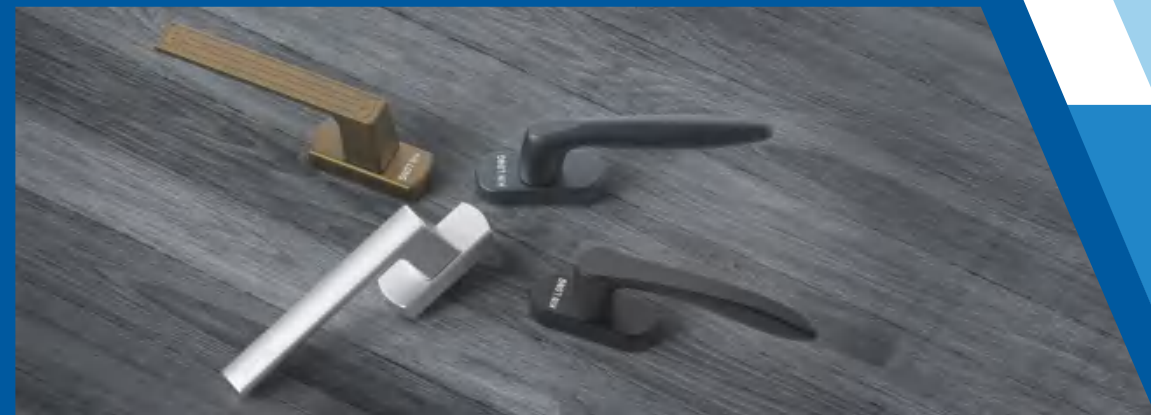
KINLONG

KIN LONG
坚朗优品

KIN LONG
For Better Living



Kennedy Premium Windows and Doors



Guangdong Kinlong Hardware Products Co., Ltd.

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

T: 0086-769-82166666 82136666

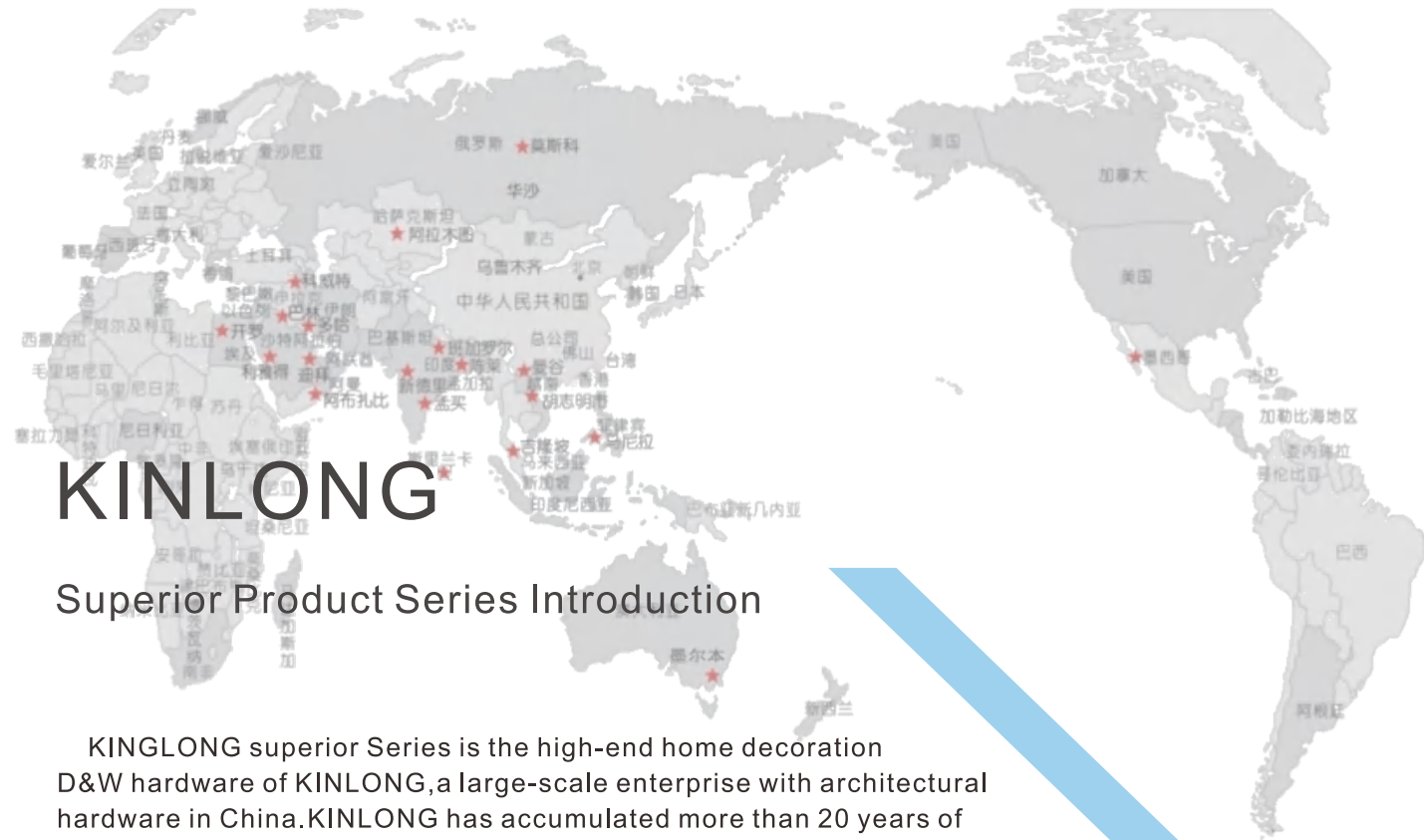
F: 0086-769-82955240 82955241

E: mail@kinlong.com

H: www.kinlong.com

KINLONG Superior Door & Window Hardware Product Catalogue

www.kinlong.com



KINLONG

Superior Product Series Introduction

KINLONG superior Series is the high-end home decoration D&W hardware of KINLONG, a large-scale enterprise with architectural hardware in China. KINLONG has accumulated more than 20 years of experience in R&D, manufacturing and service in the industry. KINLONG has been practicing the business philosophy of "only professionalism can create unique value, speculation has no future" and has become a leader in the industry. With more expectations of people in higher quality for D&W hardware, KINLONG Superior Series Products was forged and committed to provide high-quality products and services, which has taken a big step forward to the enterprise mission as that "To improve people's living conditions and make KINLONG the synonym of high quality".

With a group of senior experienced R&D team, KINLONG Superior is always shouldering the responsibility, focusing on the market and customers and striving to produce products with high-quality and excellent performance, creates more value for the customers with constantly premium services.

We have a large number of advanced equipments in our workshops and fully automated die-casting, spraying, tapping, testing, assembling and other production workshops, ensures products in premium quality and services based on our perfect quality management system, nationally certified experimental testing centers, and information-based production management system.

KINLONG superior series products are widely used in high-end residential buildings, hotel apartments hardcover upgrades, villas, houses and other scenarios, we got the trust and support of a large number of customers both at home and abroad, With more than 20 years of persistence we have become more professional. In the future, we will continue providing superior products and striving for high quality living conditions for our customers.

All for the betterment of the human habitat

Making KINLONG synonymous with high quality



INNOVATION AND ENTERPRISING INDUSTRY BENCHMARK

Kinlong is committed to driving progress through innovation. Our approach has earned us recognition and high praise from state departments, government units, and sectors.



ENTERPRISE REPRESENTATIVE HONOR

Second Prize in National Science and Technology Progress Award

First Prize in Huaxia Construction Science and Technology Award

Second Prize in Huaxia Construction Science and Technology Award

Special Prize in China Steel Structure Association Science and Technology Award

First Prize in China Steel Structure Association Science and Technology Award

Innovation Award in China Steel Structure Association Science and Technology Award

The most influential brand of Jinxuan Award in the construction door, window and curtain wall industry for four consecutive sessions;

2021 TOP500 Preferred Supplier of Comprehensive Strength of Chinese Real Estate Development Enterprises-Smart Community Service Category

.....

REPRESENTATIVE R&D INNOVATION HONOR

National Intellectual Property Demonstration Enterprise

Laboratory center approved by the National Accreditation Board

Guangdong Provincial Enterprise Technology

Center and Provincial Engineering Center

.....

Kinlong adheres to the philosophy that Unique value can only be created by professionalism,speculation has no future. Our enterprise core value is to respect Respecting science; Striving for coexistence and all-win; Promoting constant innovation; Pursuing sincerity and trustworthiness. and we always insist making innovation, breaking through and making progress, increasing our capacity of research, by which we have obtained recognition and praise from government departments, units and all areas in the society and get many achievements. We pay great attention to the needs from our customers and the prospect of our industry, consistently pursuing perfect, good quality, excellent service and systematic solutions. Our quick and accurate ability of handing over are always leading the market.

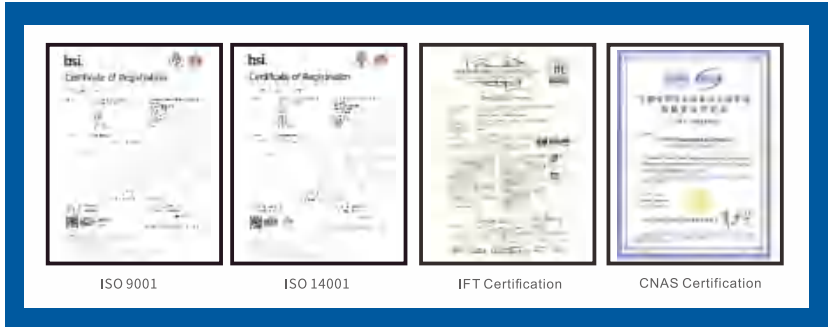
Kinlong leads the market with good quality, excellent service, systematic solutions and fast and accurate delivery.



To Form a Full-chain Comprehensive Advantage

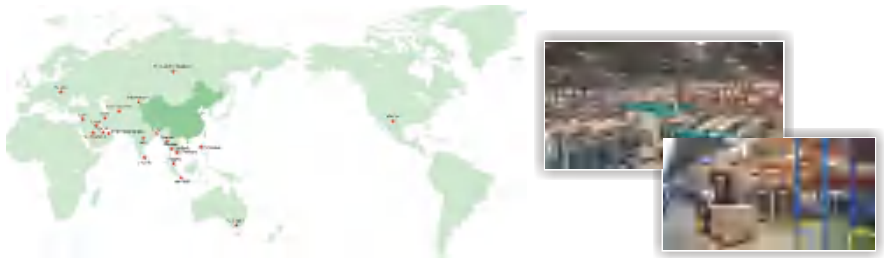


Quality Comes from Profession



Management system certificated by ISO9001,ISO14001 of BSI.Test Laboratory accredited by the China National Accreditation Service of Conformity Assessment(CNAS).

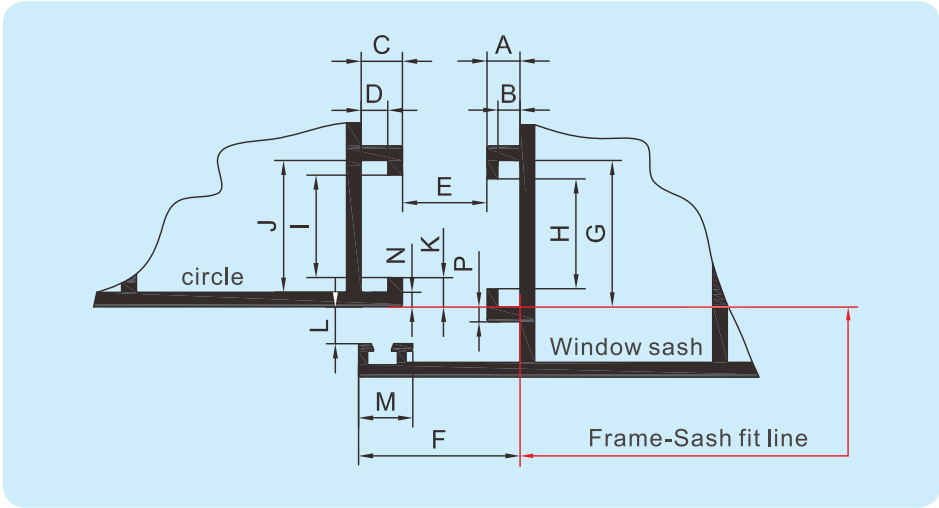
International Supply Chain to Guarantee Better and Better Service



Kinlong owned more than 700 sales outlets at home and abroad, with a sales team of more than 5,000 staff to provide customers with rapid response.With more than 30 offices,10 subsidiaries,15 warehoused overseas market,and more will be set up.

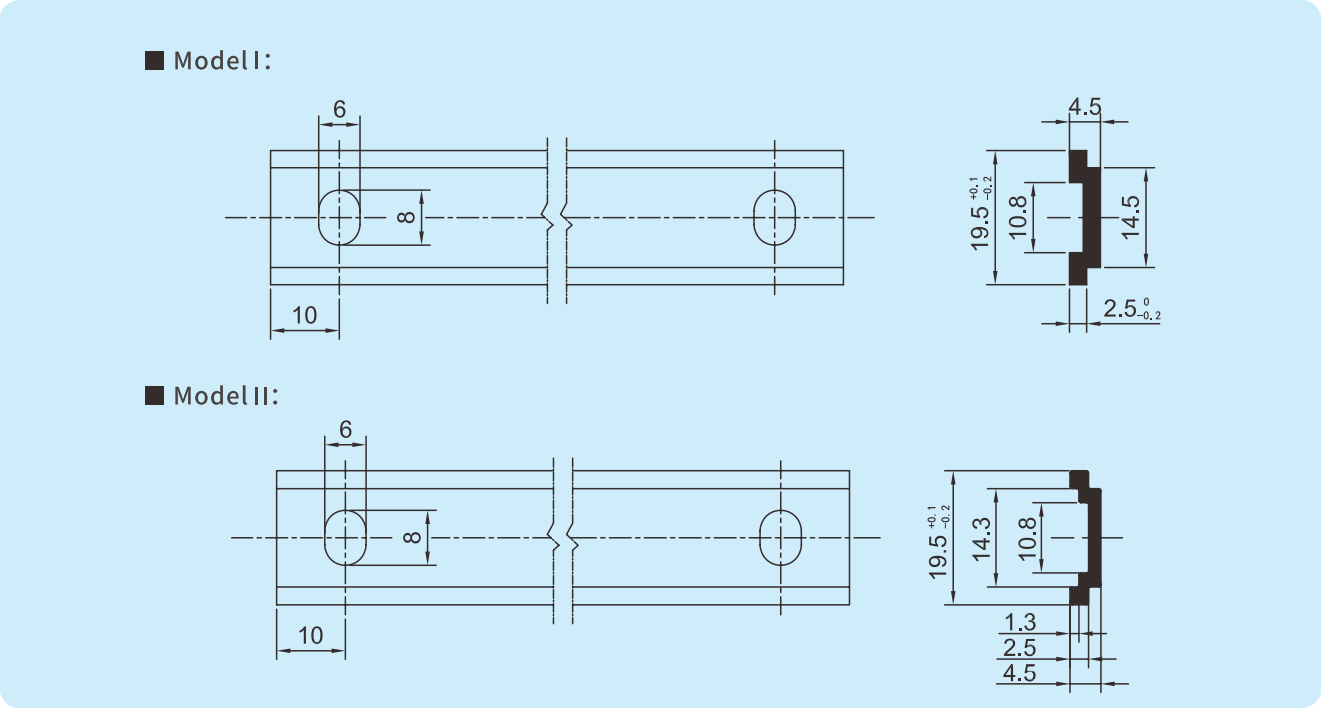
The Adaptability of D&W Hardware and Profile

- 1、The adaptability of Inward casement window and Turn&Tilt window hardware with profile
- Note: All the sizes are finished dimensions after surface treatment such as electrophoresis,painting,etc.
- The Standard 20C Profile



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

- 2、Standard 20C Slotted Window and Door Profiles Corresponding to Transmission Rod Size Requirements



Features and Maintenance of Hardware

I 、Product Features

1. **Easy to Operate, Single-point Control:**
Various opening functions are achieved by changing the position of the handle.
2. **Standardization and Serialization:**
Ensure rapid installation for D&W company and construction company.
3. **Good Adjustable Performance:**
Multi-adjustable function,all hardware can be suitable for both left and right installation if no special requirements.
4. **Strong Load-bearing Capacity:**
Can support sash self-weight up to 110Kg,door weight up to 150Kg.
5. **High Safety:**
The lock point can be hooked onto the lock seat on the window frame, and the tip of the sliding support arm perfectly matches the corner bracket, providing both locking function and enhanced anti-theft performance for the window.
6. **Wide application:**
Meets various opening requirements for doors and windows.
7. **Good adaptability:**
Suitable for profiles with C-shaped grooves or non-groove profiles currently in the market.
8. **High-quality Materials:**
The base body is made of high-quality zinc alloy, aluminum alloy castings, and premium stainless steel materials. Surface treatments include chrome plating, galvanizing, electrophoresis, baking varnish, or spraying. Some components use engineering materials with excellent performance, such as polyamide and polyoxymethylene.

II 、Product care and maintenance instructions

- 1、.To ensure your product remains in optimal condition, regular maintenance is essential..
- 2、Maintenance cycle for movable components and friction mechanisms is generally 6 months. Apply appropriate lubricating oil and keep them clean, well-lubricated, and free of blockages.
If loose or worn fastening screws are found, repair or replace them immediately to avoid affecting normal use.
- 3、Components affecting opening functions, such as handles, hinges, sliding supports, and pulleys, should be regularly cleaned and dedusted. Strictly prohibit using corrosive chemicals (e.g., acetone, xylene) for cleaning or maintaining hardware.
- 4、After long-term use, if abnormal conditions occur in doors/windows, such as corner detachment, sagging, or excessive gaps, adjust the hardware components to improve the situation.

III、Herald

- ★ Products must be ordered as complete sets. For individual orders, technical feasibility must be confirmed with the Technical Department in advance to ensure product adaptability.
- ★ Technical parameters and images in this catalog are for reference only. Actual applications shall be subject to physical products.
- ★ With product technological innovation, parameters, functions, appearance, assembly, and packaging of certain products in this catalogue might change without prior notice,hope you could understand.
- ★ The load-bearing capacity of hardware in this catalog is related to parameters such as D&W material, glass thickness, and height-width ratio. For non-standard window types, please contact our technical service personnel.
- ★ The applicable window type parameters shown in this catalog are set based on laboratory testing and historical application experience. Please conduct trial installation confirmation according to actual project conditions. The parameters in this catalog shall not be used as a basis for any litigation or compensation.

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Door & Window Hardware Series

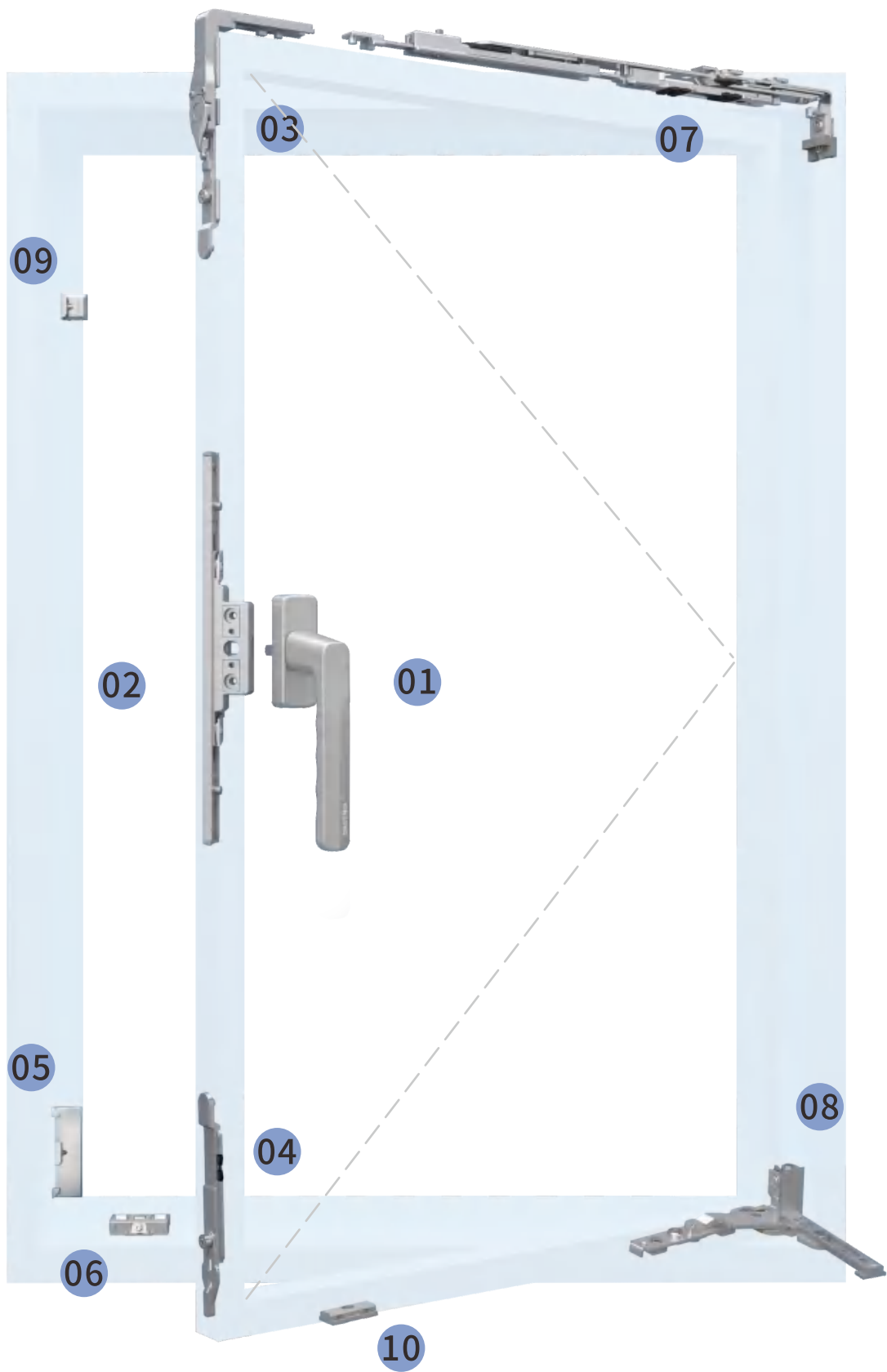
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Concealed 90°Turn and Tilt Window Hardware System (Standard EDITION)



Concealed 90°Turn and Tilt Window Hardware System

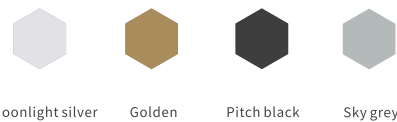
Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZA103A	1	
04	Overturn supporter	UP-N155	1	
05	Anti-breakaway device	UP-N59	1	
06	Supporting Block	UP-N59	1	
06	Hinge	UP-ZCK05	1	
07	Hinge	UP-YHPS040A	1	Different in L&R, Optional
08	Lock block	UP-YHDX040	1	Different in L&R, Optional
09	Cushion block	UP-SK40	1	
10		UP-N33A	1	

Products Recommended



Electrolytic oxidation :



Nano Baking Paint :

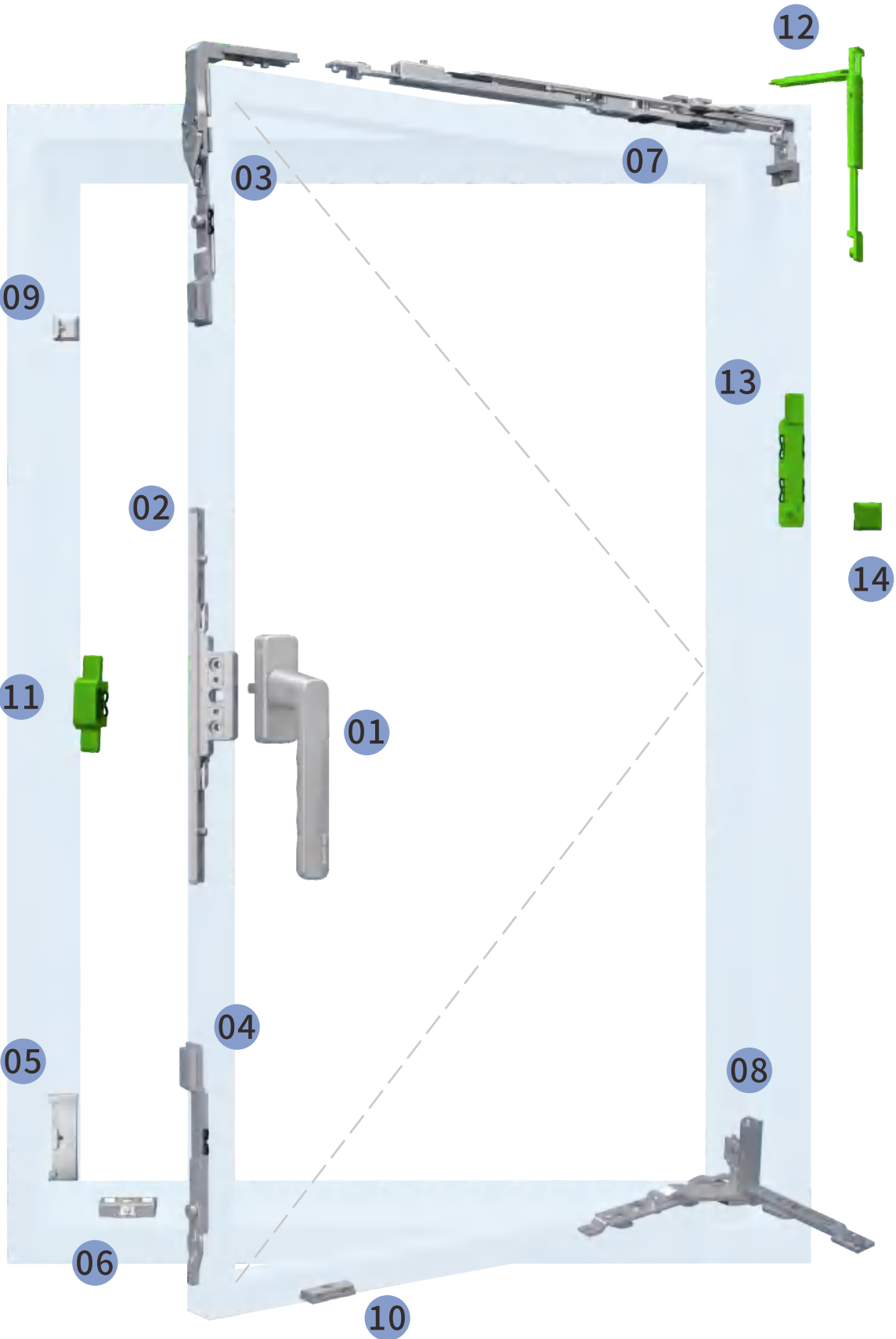


More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
- ② It can satisfy the window type within the range of sash width 500-800mm and sash height 615-1500mm; for the window type configuration within the range of sash width 326-500mm, you can replace the fitting No. 7 with UP-YHPS045 (width and height both refer to the distance from the top of the sash slot to the top of the slot).
- ③ Load capacity: ≤ 70Kg , To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
- ④ This configuration add corners UP-ZB5 can do back lock program
- ★ It is recommended that the UP-PX110 be used in conjunction with the casement window limiter for best results.
- ★ Adaptation requirements: Standard 20C notched profiles.
- ★ Hidden hinges are installed without any exposure on the window facade, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Concealed 90°Turn and Tilt Window Hardware System (Flagship EDITION)



Concealed 90°Turn and Tilt Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZA104A	1	
04	Overturn supporter	UP-N156	1	
05	Anti-breakaway device	UP-N59	1	
06	Supporting Block	UP-ZCK05	1	
07	Hinge	UP-YHPS140A	1	Different in L&R, Optional
08	Hinge	UP-YHDX140	1	Different in L&R, Optional
09	Lock block	UP-SK40	1	
10	Cushion block	UP-N33A	1	
11	Transmission Rod	UP-CDG100	1	
12	Resolver	UP-ZB5	1	
13	Transmission Rod	UP-CDG142A	1	
14	Locking Plate	UP-SK40	1	

Products Recommended



UP-FZS1035A
(Electrolytic oxidation)



UP-FZS132
(Nano Baking Paint)

Electrolytic oxidation :



Moonlight silver Golden Pitch black Sky grey

Nano Baking Paint :



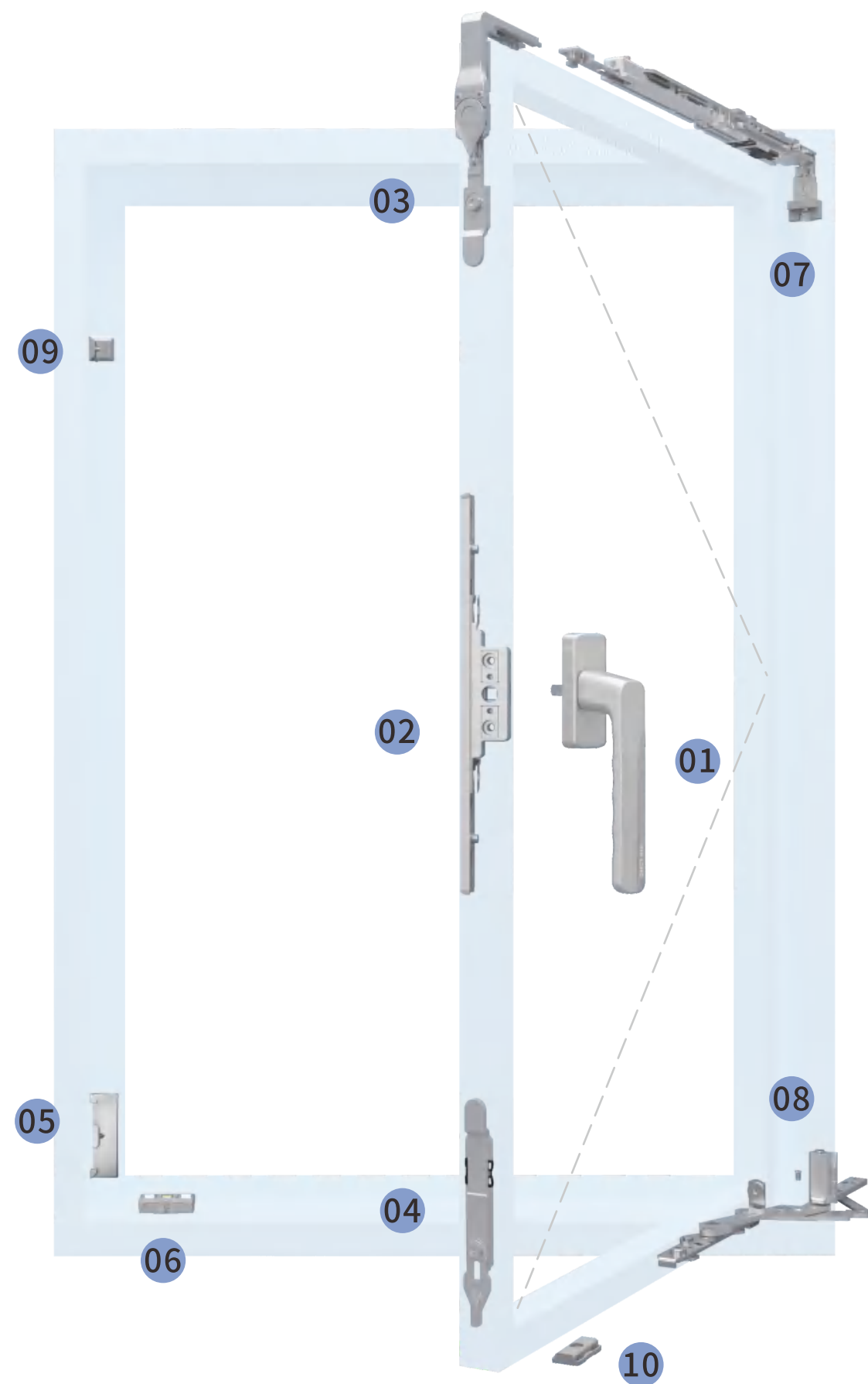
Pearlized silver Golden desert Inkstone black Titanium grey

More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
- ② Can meet the window type within the range of 500-800mm sash width and 660-1500mm sash height (width and height refer to the distance from the top of the sash groove to the top of the groove).
- ③ Load capacity: ≤ 90Kg , To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
- ④ This configuration add corners UP-ZB5 can do back lock program
- ★ Green accessories are optional.
- ★ It is recommended that the UP-PX110 be used in conjunction with the casement window limiter for best results.
- ★ Adaptation requirements: Standard 20C notched profiles.
- ★ Hidden hinges are installed without any exposure on the window facade, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Concealed 180°Turn and Tilt Window Hardware System (Standard EDITION)



Concealed 180°Turn and Tilt Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZA103A	1	
04	Overturn supporter	UP-N155	1	
05	Anti-breakaway device	UP-N59	1	
06	Supporting Block	UP-ZCK05	1	
07	Hinge	UP-YHPS050A	1	Different in L&R, Optional
08	Hinge	UP-YHDX050	1	Different in L&R, Optional
09	Lock block	UP-SK40	1	
10	Cushion block	UP-N33A	1	

Products Recommended



UP-FZS1035A
(Electrolytic oxidation)



UP-FZS151
(Nano Baking Paint)

Electrolytic oxidation:



Moonlight silver Golden Pitch black Sky grey

Nano Baking Paint:



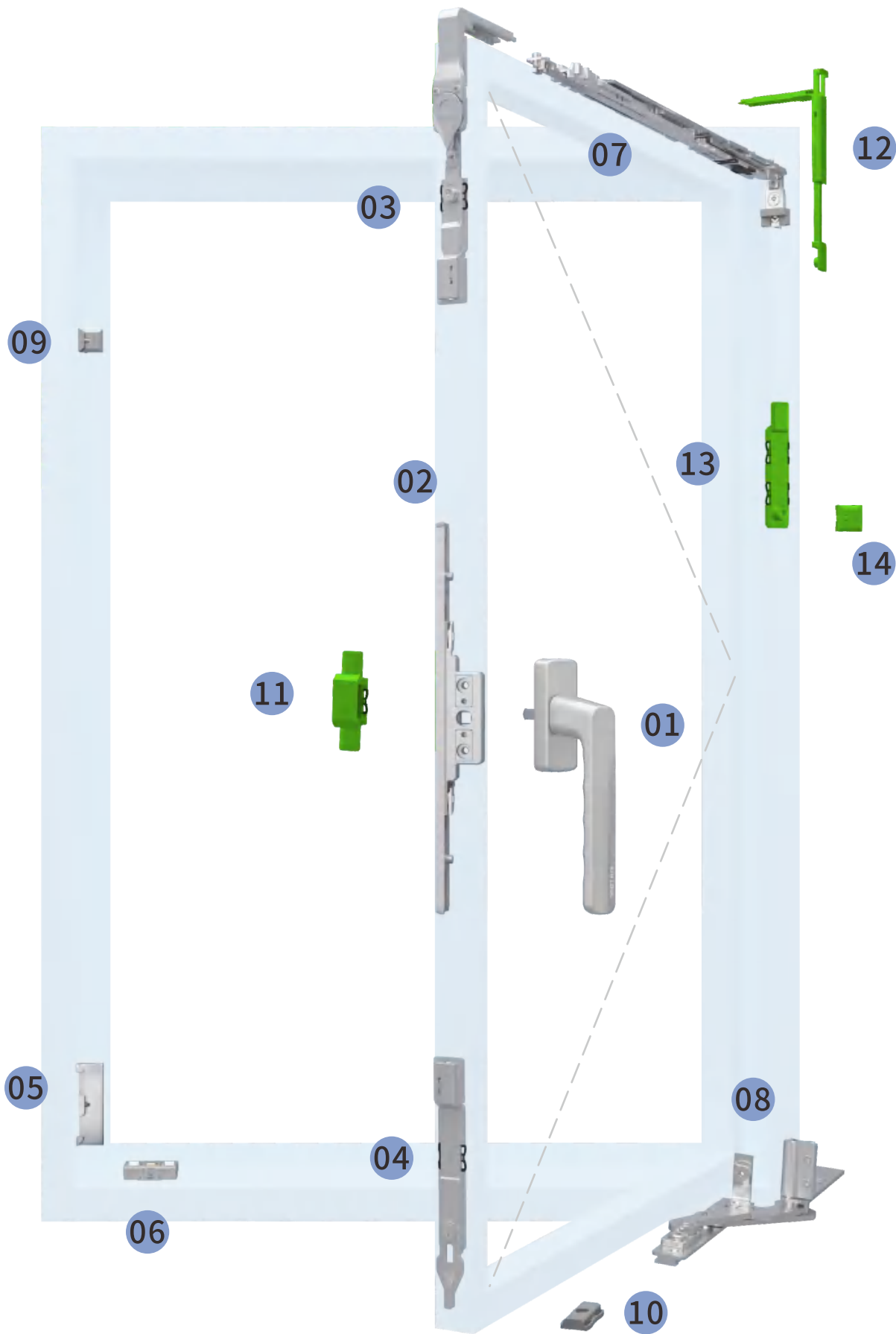
Pearized silver Golden desert Inkstone black Titanium grey

More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
 - ② It can meet the window type within the range of sash width 550-800mm and sash height 615-1500mm; for the window type configuration within the range of sash width 380-550mm, you can replace the fitting No.7 with UP-YHPS052A.(Width and height refer to the distance from the top of the sash groove to the top of the groove).
 - ③ Load capacity: ≤ 70Kg , To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
 - ④ This configuration add corners UP-ZB5 can do back lock program
- ★ Adaptation requirements: Standard 20C notched profiles
- ★ Hidden hinges are installed without any exposure on the window facade, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Concealed 90°/180°Turn and Tilt Window Hardware System



Concealed 90°/180°Turn and Tilt Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZA104A	1	
04	Overturn supporter	UP-N156	1	
05	Anti-breakaway device	UP-N59	1	
06	Supporting Block	UP-ZCK05	1	
07	Hinge	UP-YHPS060	1	Different in L&R, Optional
08	Hinge	UP-YHDX160	1	Different in L&R, Optional
09	Lock block	UP-SK40	1	
10	Cushion block	UP-N33A	1	
11	Transmission Rod	UP-CDG100	1	
12	Resolver	UP-ZB5	1	
13	Transmission Rod	UP-CDG142A	1	
14	Locking Plate	UP-SK40	1	

Products Recommended



UP-FZS1034A

(Electrolytic oxidation)



UP-FZS132

(Nano Baking Paint)

Electrolytic oxidation :



Moonlight silver



Golden



Pitch black



Sky grey

Nano Baking Paint :



Pearlized silver



Golden desert



Inkstone black



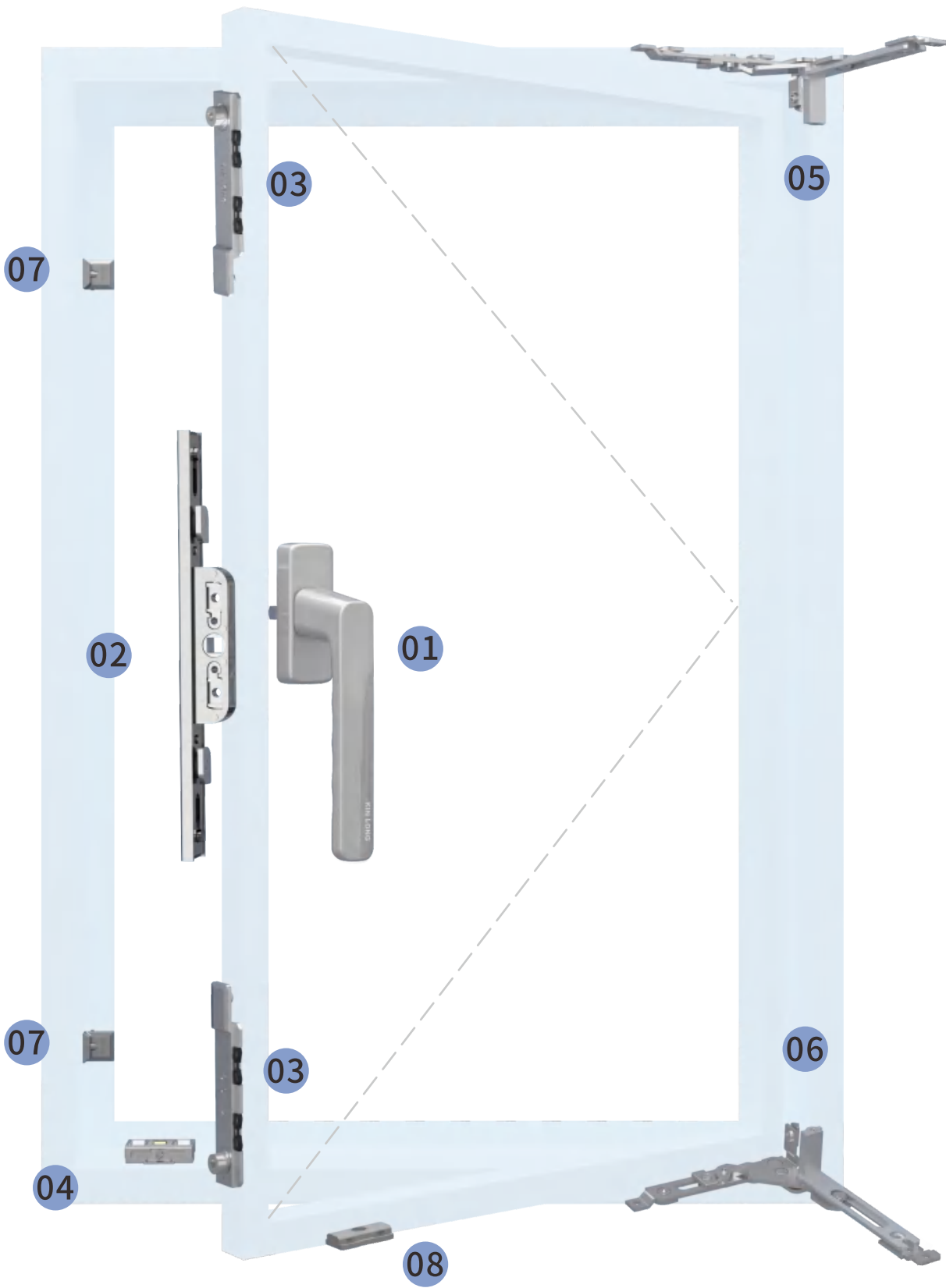
Titanium grey

More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
- ② Can meet the window type within the range of sash width 650-1200mm and sash height 660-1700mm (both width and height refer to the distance from the top of the sash groove to the top of the groove).
- ③ Opening 0-90° Load capacity ≤ 120 kg; Opening 90°-180° Load capacity ≤ 100 kg
- ④ For optimal use, it is recommended that the width to height ratio of the window be maintained at approximately 1:1.5.
- ⑤ This configuration add corners UP-ZB5 can do back lock program
- ★ Green accessories are optional.
- ★ Adaptation requirements: Standard 20C notched profiles
- ★ Hidden hinges are installed without any exposure on the window facade, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Concealed 90°Open-in Casement Window Hardware System



Concealed 90°Open-in Casement Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ010A	1	Optional
03	Transmission Rod	UP-CDG142A	2	
04	Supporting Block	UP-ZCK05	1	
05	Hinge	UP-YHE122-L	1	
06	Hinge	UP-YHE122-R	1	
07	Lock block	UP-SK40	2	Optional
08	Cushion block	UP-N33A	1	Optional

Products Recommended



UP-FZS130

(Nano Baking Paint)



UP-FZS15A

(Nano Baking Paint)

Electrolytic oxidation :



Moonlight silver



Golden



Pitch black



Sky grey

Nano Baking Paint :



Pearized silver



Golden desert



Inkstone black



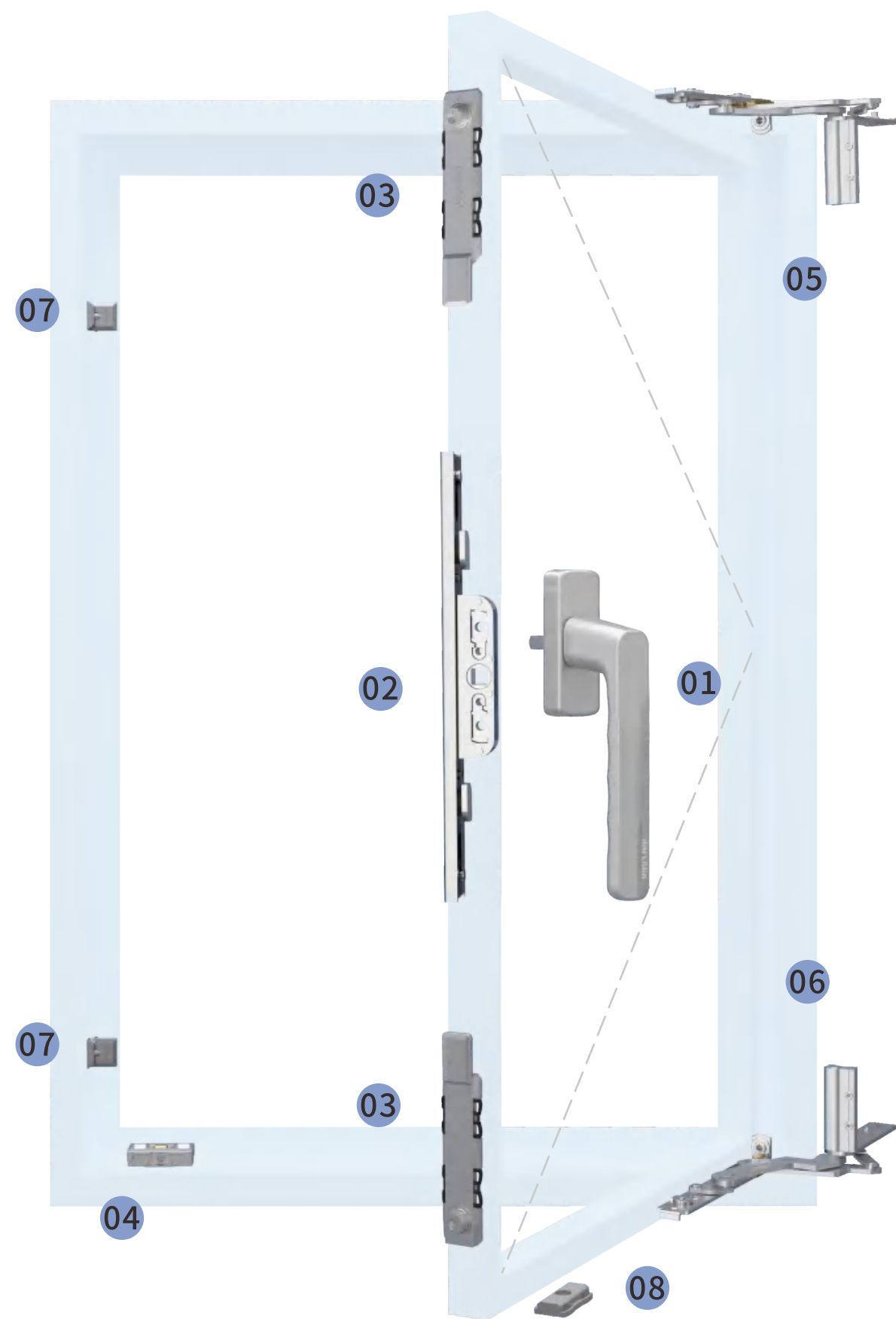
Titanium grey

More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
- ② Load capacity: ≤ 60Kg , To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
- ★ It is recommended that the UP-PX110 be used in conjunction with the casement window limiter for best results.
- ★ Adaptation requirements: Standard 20C notched profiles
- ★ Hidden hinges are installed without any exposure on the window facade, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Concealed 180°Open-in Casement Window Hardware System



Concealed 180°Open-in Casement Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ010A	1	Optional
03	Transmission Rod	UP-CDG142A	2	
04	Supporting Block	UP-ZCK05	1	
05	Hinge	UP-YHE180-L	1	
06	Hinge	UP-YHE180-R	1	
07	Lock block	UP-SK40	2	Optional
08	Cushion block	UP-N33A	1	Optional

Products Recommended



UP-FZS150

(Nano Baking Paint)



UP-FZS15A

(Nano Baking Paint)

Electrolytic oxidation:



Moonlight silver



Golden



Pitch black



Sky grey

Nano Baking Paint:



Pearized silver



Golden desert



Inkstone black



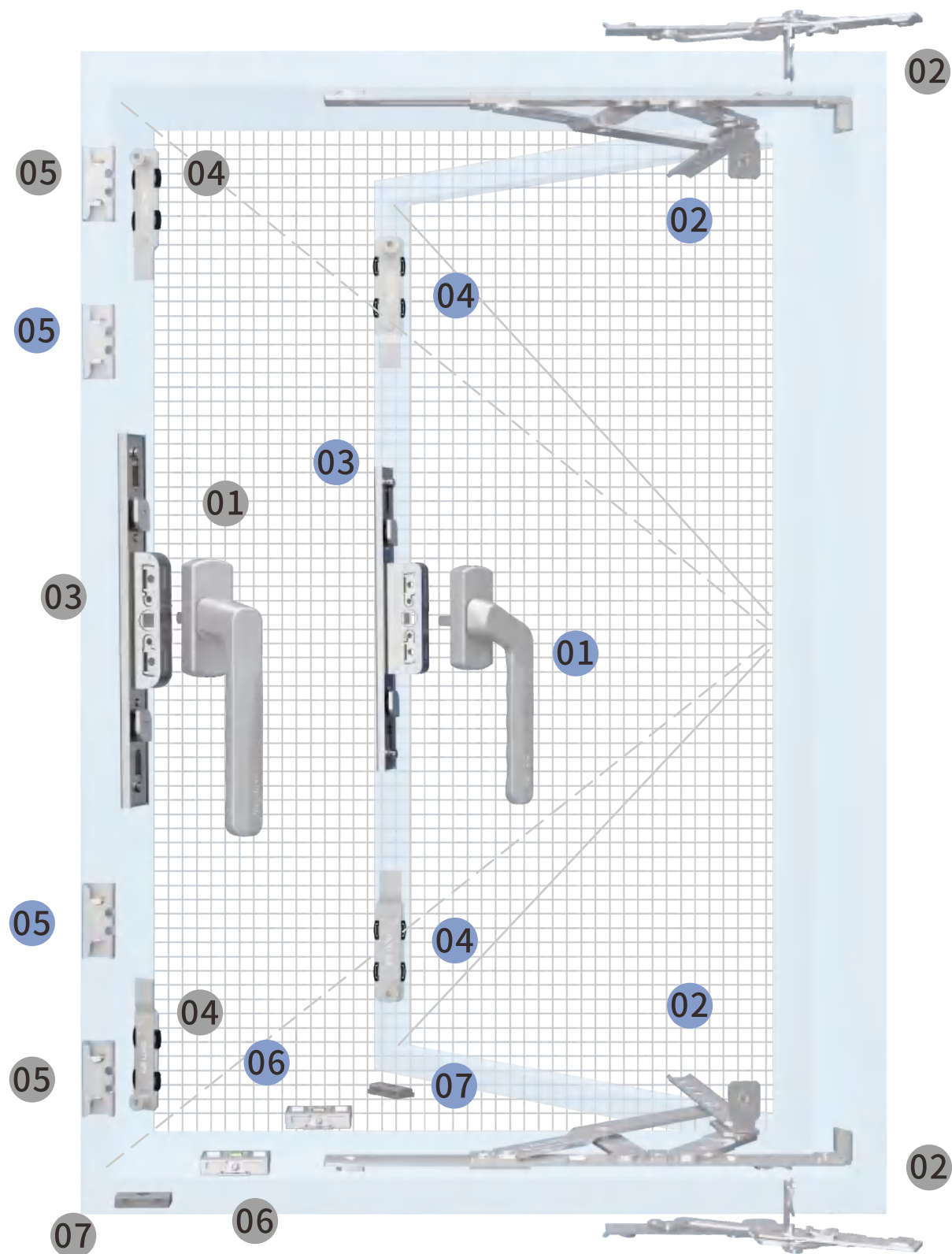
Titanium grey

More products in the product range P41-58

Configuration Specification

- ① It is recommended that the distribution of locking points be kept within a distance of 400mm.
- ② Load capacity: $\leq 90\text{Kg}$, To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
- ★ Adaptation requirements: Standard profile with 20C groove
- ★ Hidden hinges are installed without any exposure on the window exterior surface, improving the sealing performance of windows and doors and making them more energy-saving and environmentally friendly.

Open-out Window Screen Integrated Hardware System (C-Groove)



Open-out Window Screen Integrated Hardware System

Glass ceiling Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS640AX	1	Optional
02	Hinge	UP-YJL103-L/R	2	Different in L&R, Optional
03	Transmitter	UP-CDQ030B	1	Optional
04	Transmission Rod	UP-CDG143A	2	
05	Lock block	UP-SK48A	2	
06	Supporting Block	UP-ZCK05	1	
07	Cushion block	UP-N33A	1	

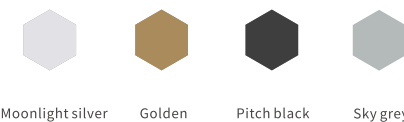
Muslin fan Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS140X	1	Optional
02	Hinge	UP-YSH13A-L/R	2	Different in L&R, Optional
03	Transmitter	UP-CDQ010A	1	Optional
04	Transmission Rod	UP-CDG143A	2	
05	Lock block	UP-SK48A	2	
06	Supporting Block	UP-ZCK05	1	
07	Cushion block	UP-N33A	1	

Products Recommended

UP-FZS1033A
(Electrolytic oxidation)UP-FZS15A
(Nano Baking Paint)

Electrolytic oxidation:



Nano Baking Paint:



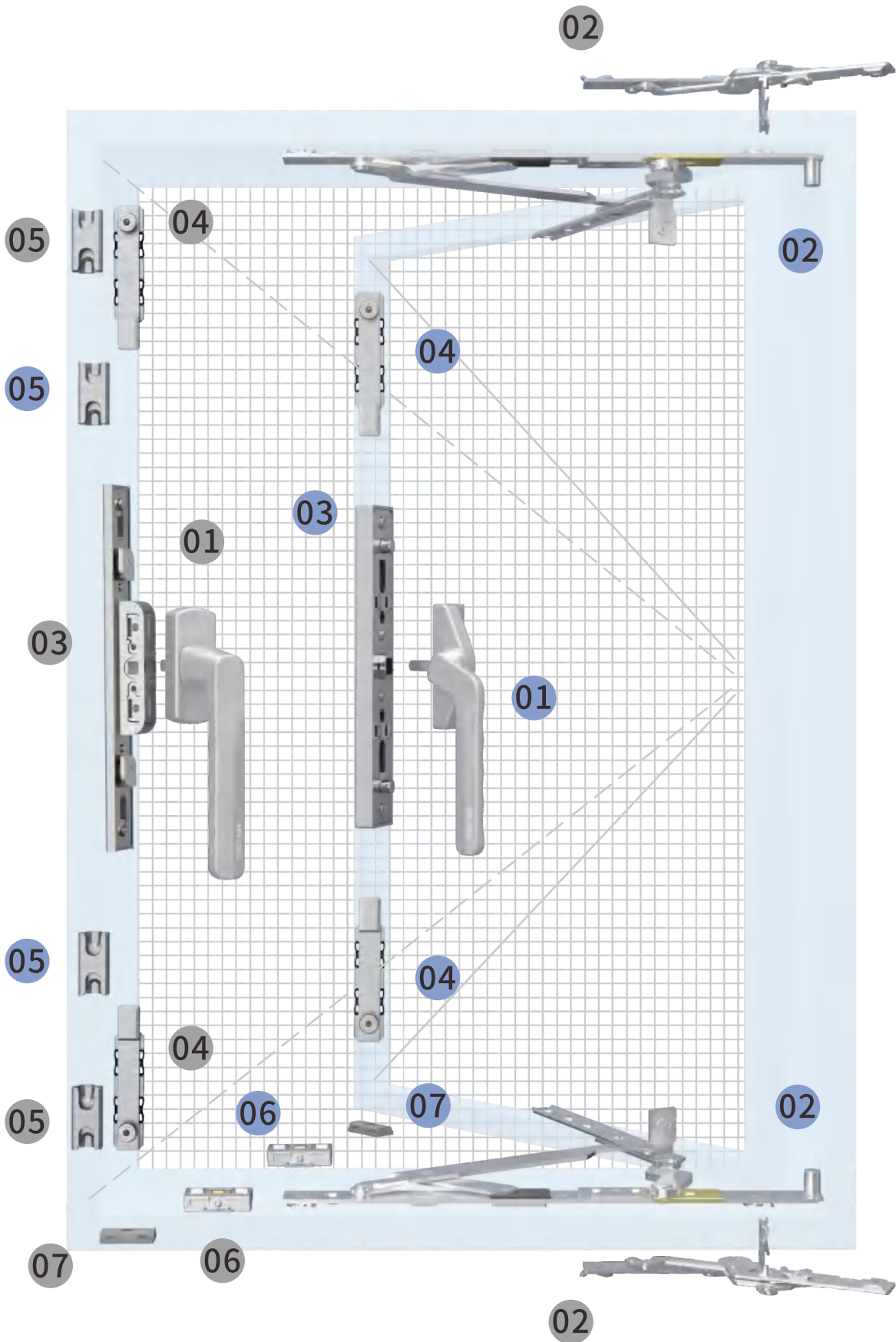
More products in the product range P41-58

Configuration Specification

1. Outside casement screen window integrated window, the screen window can be opened maximum in 168°angle.
2. Product Information
 - 1) The spindle matches with transmitter perfectly that makes good transmission with good stability to avoid the eccentric effect.
 - 2) Hidden hinge configuration, the entire window façade hinges are not exposed, high sealing performance, energy saving and more environmentally friendly.
 - 3) Locking block with rolling T-shaped locking point, with anti-prying function is easy to install.
 - 4) The system is sealed and adjustable for left&right style, and suitable for tolerance during processing and installation, hence for better application, and improve the use of window performance.
 - 5) It can be used for maximum width of window sash 550mm, and maximum height of window sash 1300mm. The height and width refer to the edge to edge distance including the groove space.
 - 6) The bearing capacity of the glass sash is ≤45kg; the bearing capacity of the screen is ≤15kg, and it is recommended that the window type ratio (height/width) be kept at 1.5:1.
 - 7) The open-out casement window is recommended to match with striker with the code of UP-FTQ100A to have a perfectly performance.
3. K-groove are available for exterior casement screen integrated windows, please refer to the product catalog.

Window Screen Integrated Hardware System
(Slim Frame Open-in Window Screen)

Window Screen Integrated Hardware System



Glass ceiling Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS107	1	
02	Hinge	UP-YJL110-L/R	2	Different in L&R
03	Transmitter	UP-CDQ107	1	
04	Transmission Rod	UP-CDG142A/I	2	
05	Lock block	UP-SK46	2	
06	Supporting Block	UP-ZCK05	1	
07	Cushion block	UP-N33A	1	

Muslin fan Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS140X	1	Optional
02	Hinge	UP-YSH13A-L/R	2	Different in L&R, Optional
03	Transmitter	UP-CDQ010A	1	Optional
04	Transmission Rod	UP-CDG142A/I	2	
05	Lock block	UP-SK46	2	
06	Supporting Block	UP-ZCK05	1	
07	Cushion block	UP-N33A	1	

Products Recommended

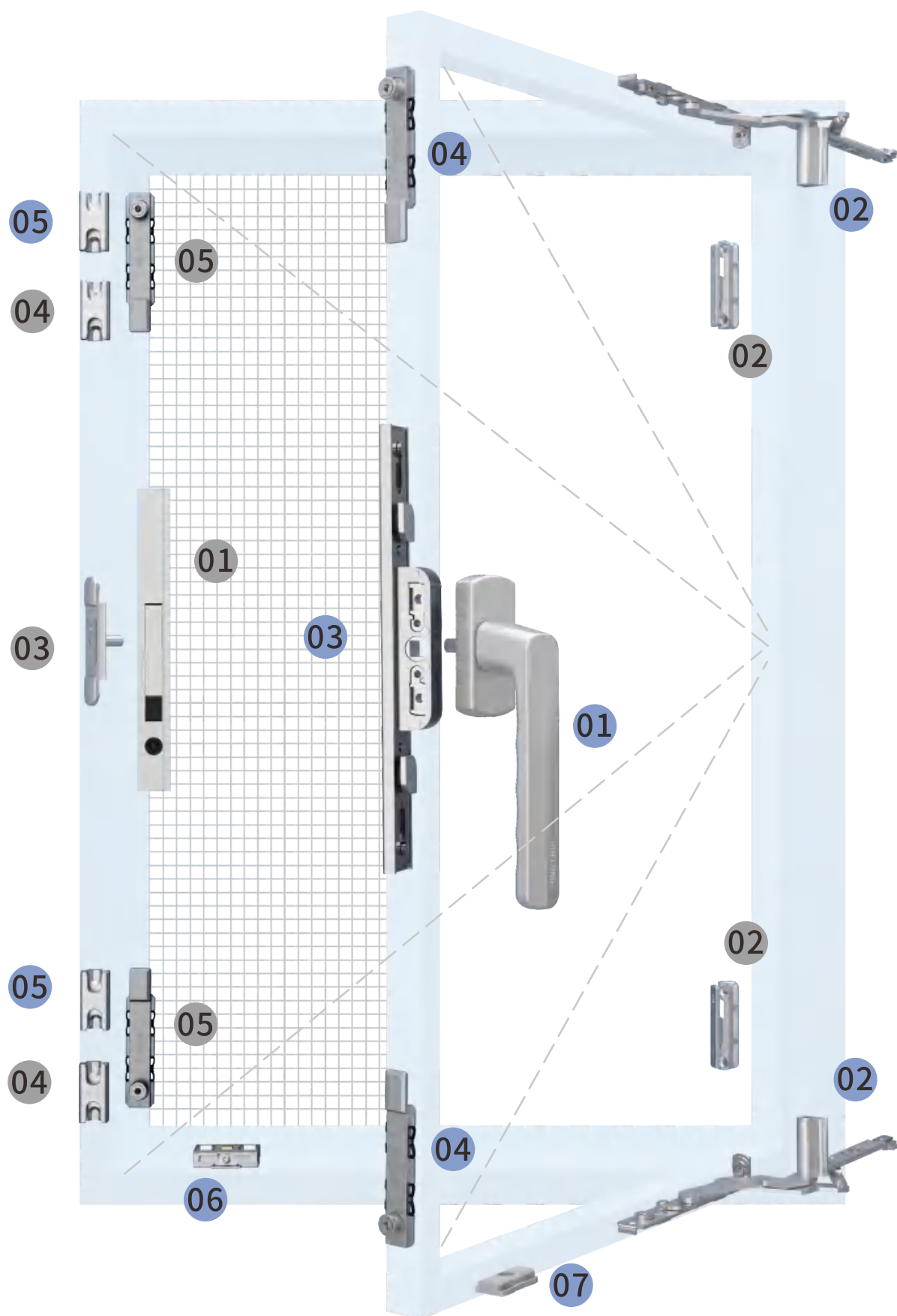


More products in the product range P41-58

Configuration Specification

1. Product Information
- 1) The spindle matches with transmitter perfectly that makes good transmission with good stability to avoid the eccentric effect.
 - 2) Hidden hinge configuration, the entire window façade hinges are not exposed, high sealing performance, energy saving and more environmentally friendly.
 - 3) Locking block with rolling T-shaped locking point, with anti-prying function is easy to install.
 - 4) The system is sealed and adjustable for left&right style, and suitable for tolerance during processing and installation, hence for better application, and improve the use of window performance.
 - 5) It can be used for maximum width of window sash 550mm, and maximum height of window sash 1300mm. The height and width refer to the edge to edge distance including the groove space.
 - 6) The bearing capacity of the glass sash is ≤50kg; the bearing capacity of the screen is ≤15kg, and it is recommended that the window type ratio (height/width) be kept at 1.5:1.
 - 7) The open-out casement window is recommended to match with striker with the code of UP-FTQ100A to have a perfectly performance.

Window Screen Integrated Hardware System



Window Screen Integrated Hardware System

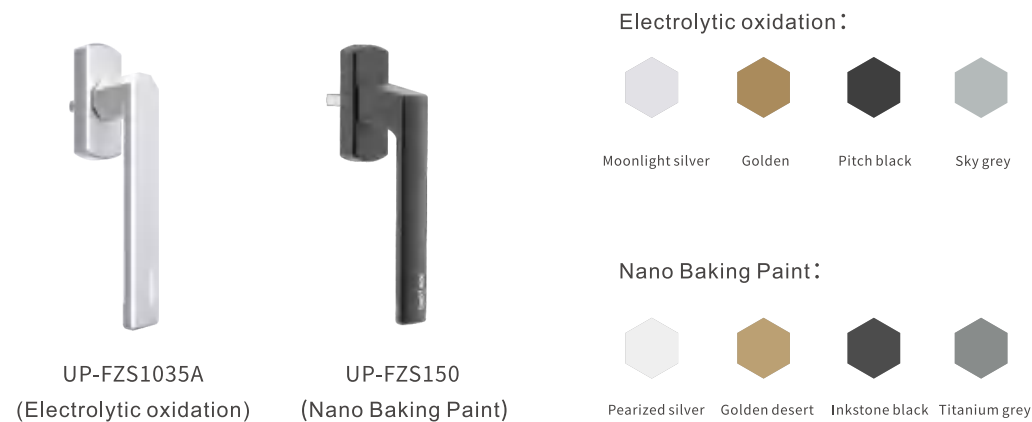
Glass ceiling Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS140X	1	Optional
02	Hinge	UP-YHE080-L/R	2	Different in L&R, Optional
03	Transmitter	UP-CDQ010A	1	Optional
04	Transmission Rod	UP-CDG142A/I	2	
05	Lock block	UP-SK46	2	
06	Supporting Block	UP-ZCK05	1	
07	Cushion block	UP-N33A	1	

Muslin fan Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Screen window lock	UP-YTS11	1	Optional
02	Hinge	UP-SH10	2	Different in L&R, Optional
03	Transmission Rod	UP-ZCD75	1	Optional
04	Lock block	UP-SK46	2	
05	Transmission Rod	UP-CDG142A/I	2	

Products Recommended

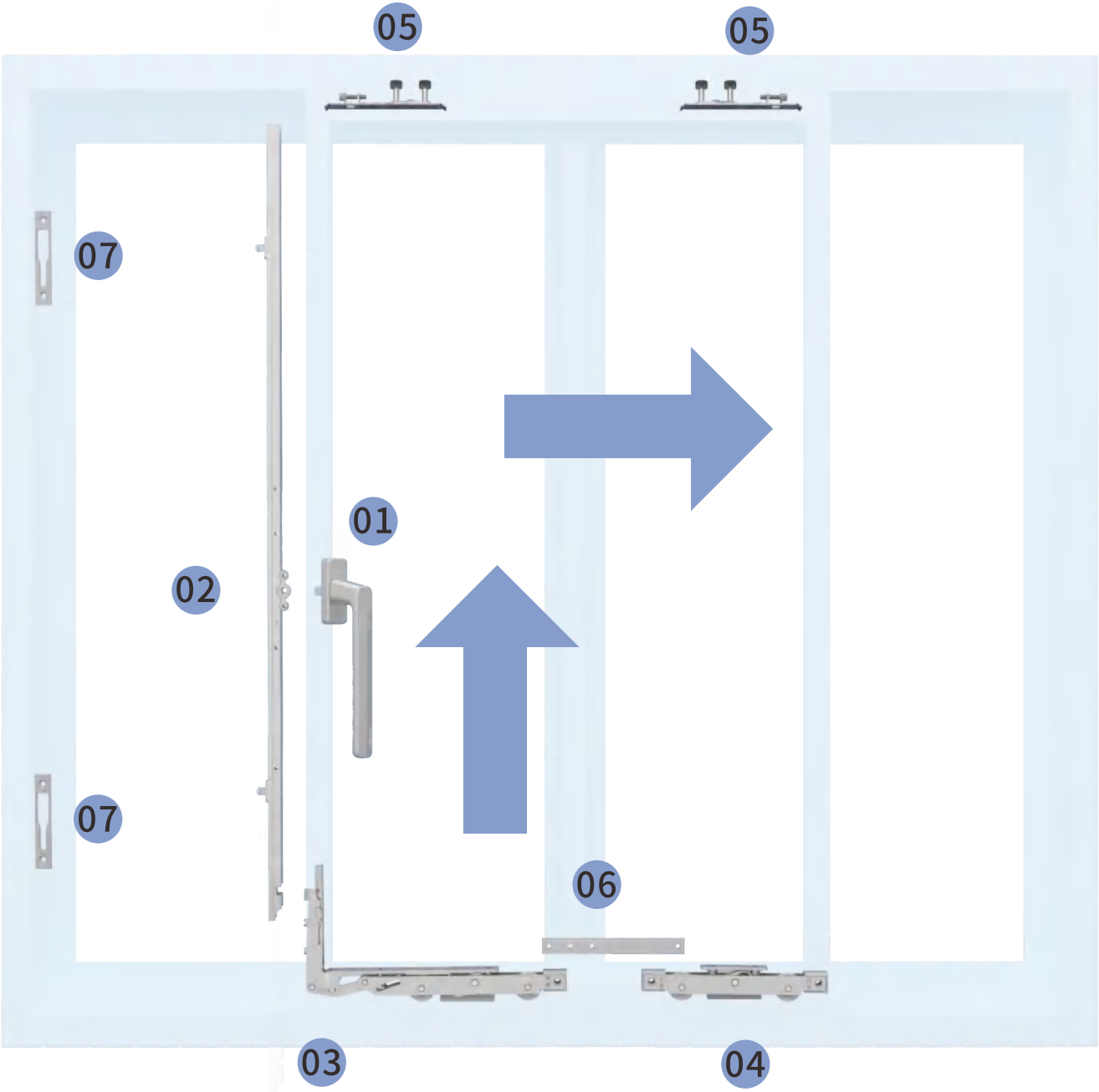


More products in the product range P41-58

Configuration Specification

- Product Information
- 1) The spindle matches with transmitter perfectly that makes good transmission with good stability to avoid the eccentric effect.
- 2) Hidden hinge configuration, the entire window façade hinges are not exposed, high sealing performance, energy saving and more environmentally friendly.
- 3) Locking block with rolling T-shaped locking point, with anti-prying function is easy to install.
- 4) The system is sealed and adjustable for left&right style, and suitable for tolerance during processing and installation, hence for better application, and improve the use of window performance.
- 5) It can be used for maximum width of window sash 400-800mm, and maximum height of window sash 600-1300mm. The height and width refer to the edge to edge distance including the groove space.
- 6) The bearing capacity of the glass sash is $\leq 70\text{kg}$; the bearing capacity of the screen is $\leq 15\text{kg}$, and it is recommended that the window type ratio (height/width) be kept at 1.5:1.
- 7) The open-out casement window is recommended to match with striker with the code of UP-FTQ100A to have a perfectly performance.

Minimalist Lift & Sliding Window System



Minimalist Lift & Sliding Window System

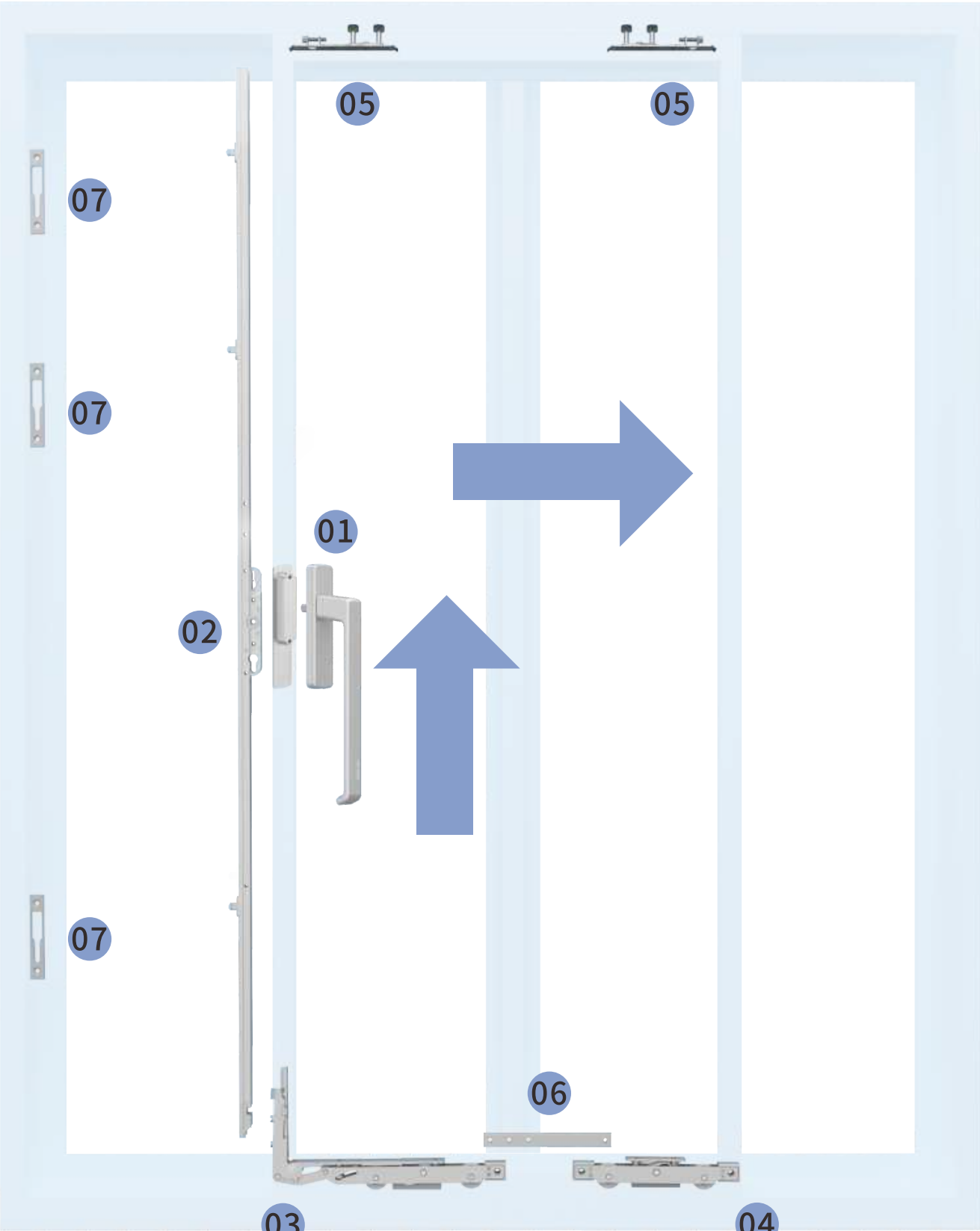
Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS100	1	Optional
02	Transmitter	UP-TTL115-1500	1	
03	Front-roller	UP-TTL115-02	1	
04	Back-roller	UP-TTL115-03	1	
05	Guide-roller	UP-TDL100-03	2	
06	connection bar	UP-TTL101-L	1	
07	Lock block	UP-TTL120-04	2	

Configuration Specification

- Configuration:
- ①The system has the same practicality of sliding windows and effectively solves the sealing demands of sliding windows, the sliding sash has big sizes and lifting&sliding window engaged mall space while opening.
 - ②The Maximum sliding sash weight is 120kg
 - ③The range of door with is 550~1200mm.

Minimalist Lift & Sliding Door System



Minimalist Lift & Sliding Door System

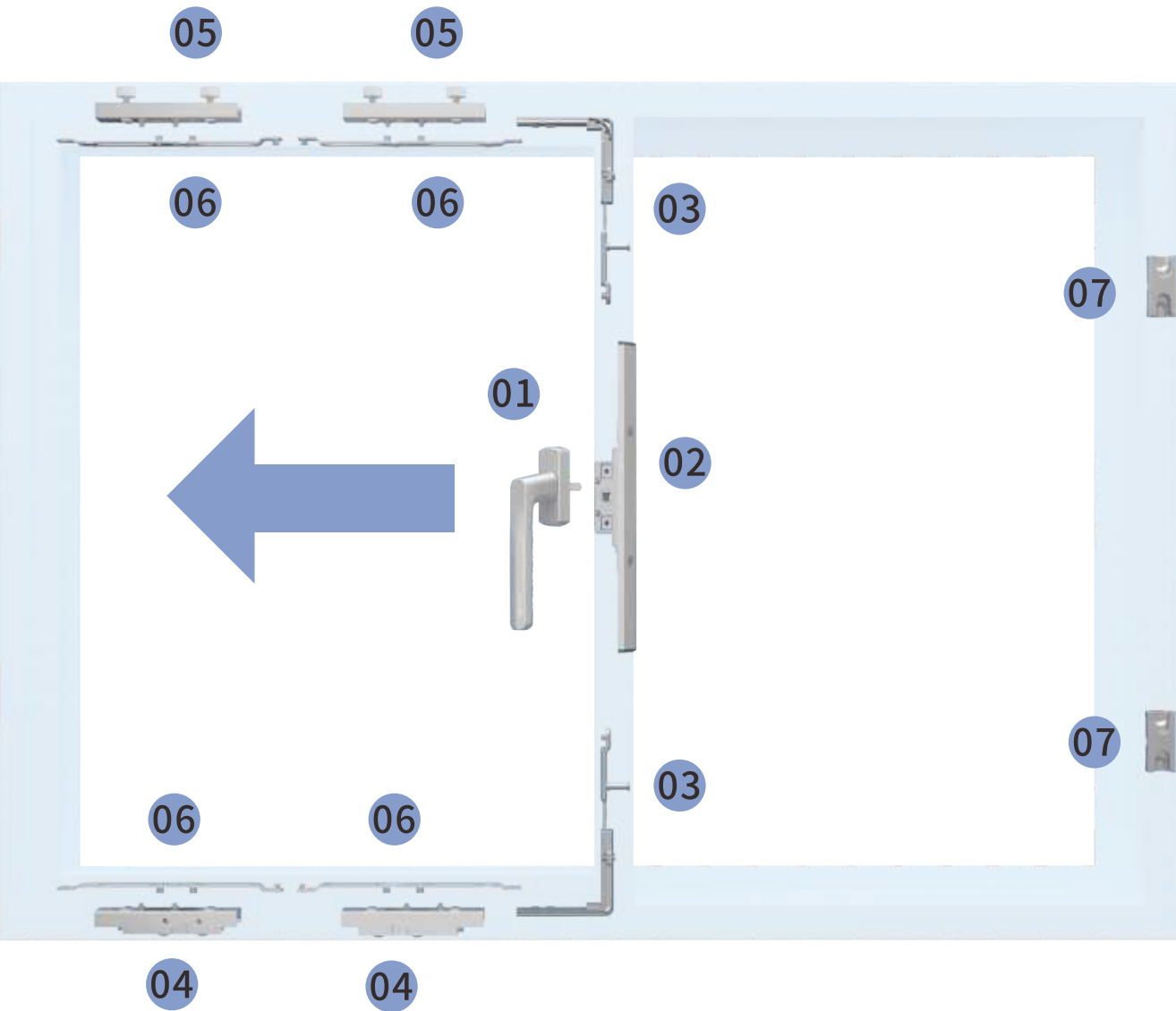
Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS200	1	Labeled formula steel exposed 28mm
02	Transmitter	UP-TTL120-01	1	
03	Front-roller	UP-TTL115-02	1	
04	Back-roller	UP-TTL115-03	1	
05	Guide-roller	UP-TDL100-03	2	
06	connection bar	UP-TTL101-L	1	
07	Lock block	UP-TTL120-04	3	

Configuration Specification

- Configuration :
- ①This system continues the practicality of the sliding door and effectively solves the sealing problem of the sliding door; this lifting sliding door occupies a small space when opening, and the geometry of the opening sash is large. The handle is rotated 180° and then pulled towards the middle of the door azimuth to realize the opening state.
 - ②Maximum weight of opening fan 150kg.
 - ③Can do single door width range 550-1200mm, door height 1600-2500mm.
 - ★ Lifting sliding doors are widely used for balcony doors, sun rooms, partition doors and so on.
 - ★ The length L of the exposed steel of the selected door handle is determined according to the node diagram of the profile, and the length L of the screws (M5) is determined according to the node diagram of the profile.

Single track Air-tightness Sliding door and window

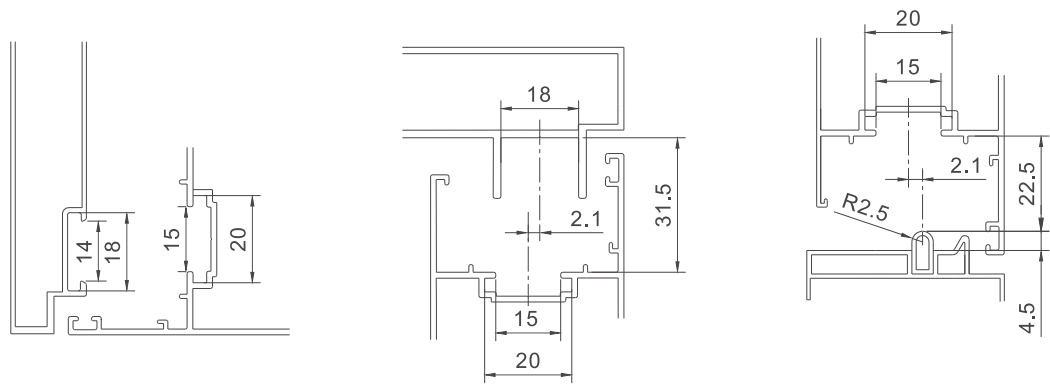


Single track Air-tightness Sliding door and window

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZCT105A	2	
04	Roller	UP-TQ101A	2	Different in L&R
05	Guide-roller	UP-TQ102A	2	Different in L&R
06	connection bar	UP-TQ113A	4	
07	Lock block	UP-SK46	2	

Structure of adapted profiles:



Edge Seal Fit Size

Upper Rail Mating Dimensions

Lower Rail Mating Dimensions

Products Recommended



UP-FZS100
(Nano Baking Paint)



UP-FZS132
(Nano Baking Paint)

Nano Baking Paint:



Pearized silver



Golden desert



Inkstone black



Titanium grey

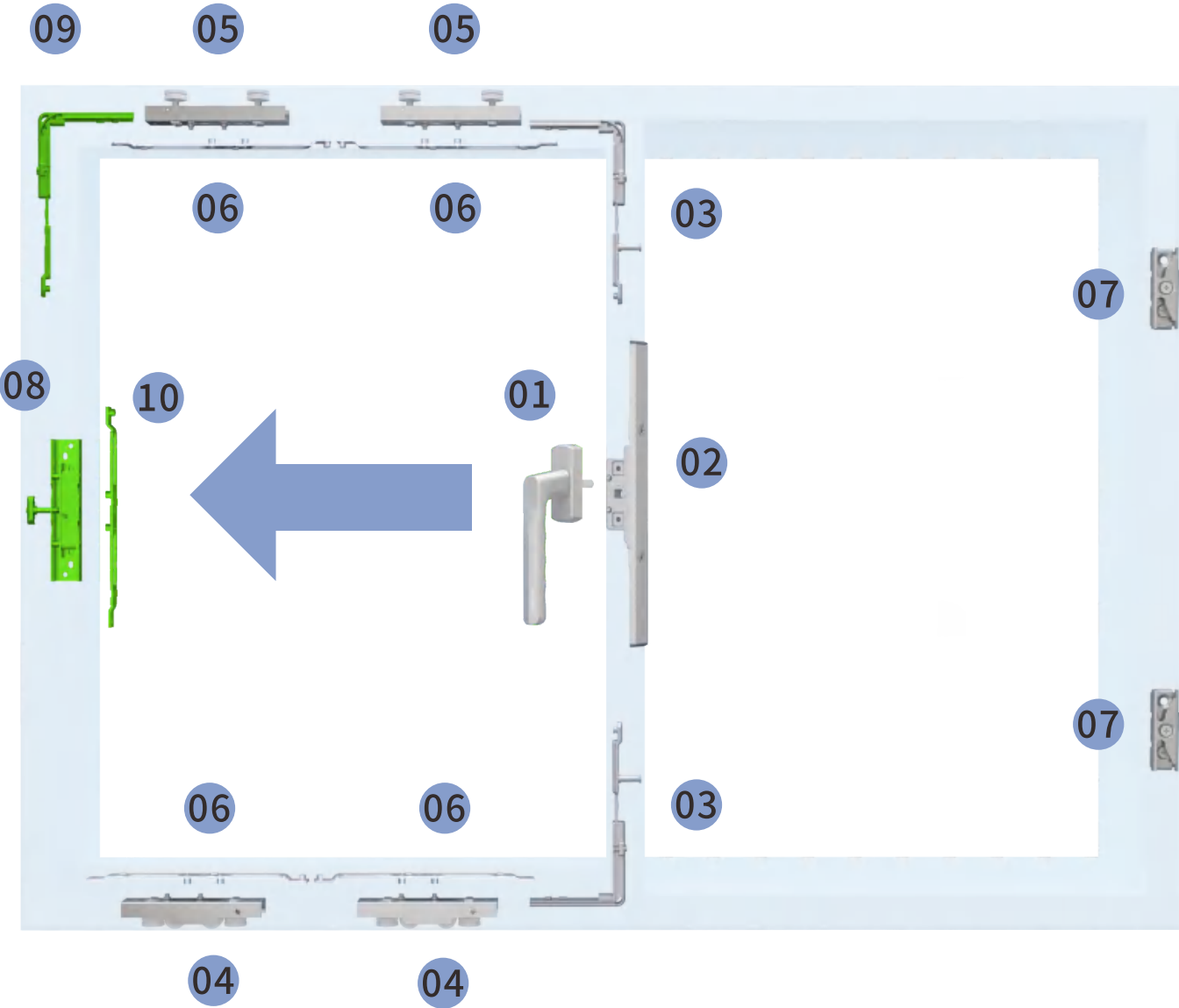
More products in the product range P41-48 & P53-58

Configuration Specification

Configuration:

- ①This system has the same features as sliding doors with good transparency,excellent airtightness,waterproof,wind-resistance.
- ②The specification of movable sash: width 1200mm, height 1300mm; maximum load-bearing capacity 40kg.
- ③Suitable for high-rise buildings, high-end residential communities, villas, apartments, etc.

Double tracks Air-tightness Sliding door and window

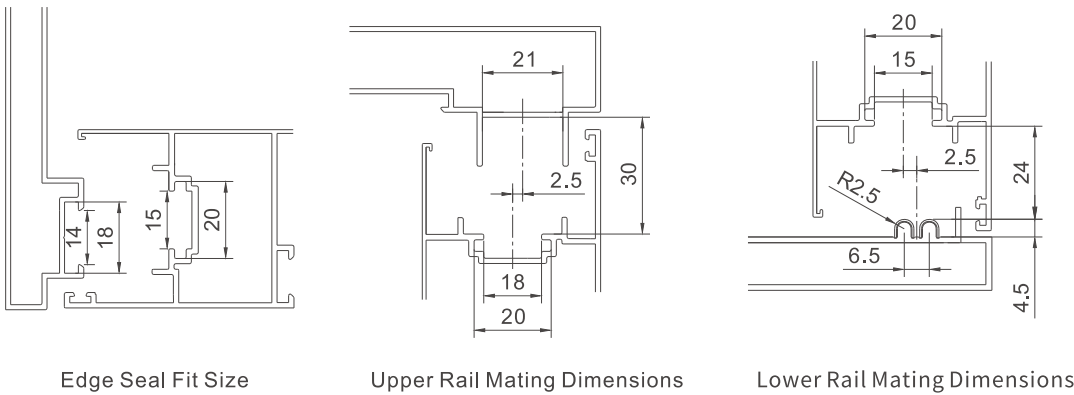


Double tracks Air-tightness Sliding door and window

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS40	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZCT106A	2	
04	Roller	UP-TQ111A	2	Different in L&R
05	Guide-roller	UP-TQ112A	2	Different in L&R
06	connection bar	UP-TQ113A	4	
07	Lock block	UP-SK49A	2	
08	Centercolumnlock	UP-TQ114	1	Different in L&R
09	Corner device	UP-ZCT106AW	1	
10	connection bar	UP-TQ113A	1	

Structure of adapted profiles :



Edge Seal Fit Size

Upper Rail Mating Dimensions

Lower Rail Mating Dimensions

Products Recommended



UP-FZS100
(Nano Baking Paint)



UP-FZS150
(Nano Baking Paint)

Nano Baking Paint :



Pearized silver Golden desert Inkstone black Titanium grey

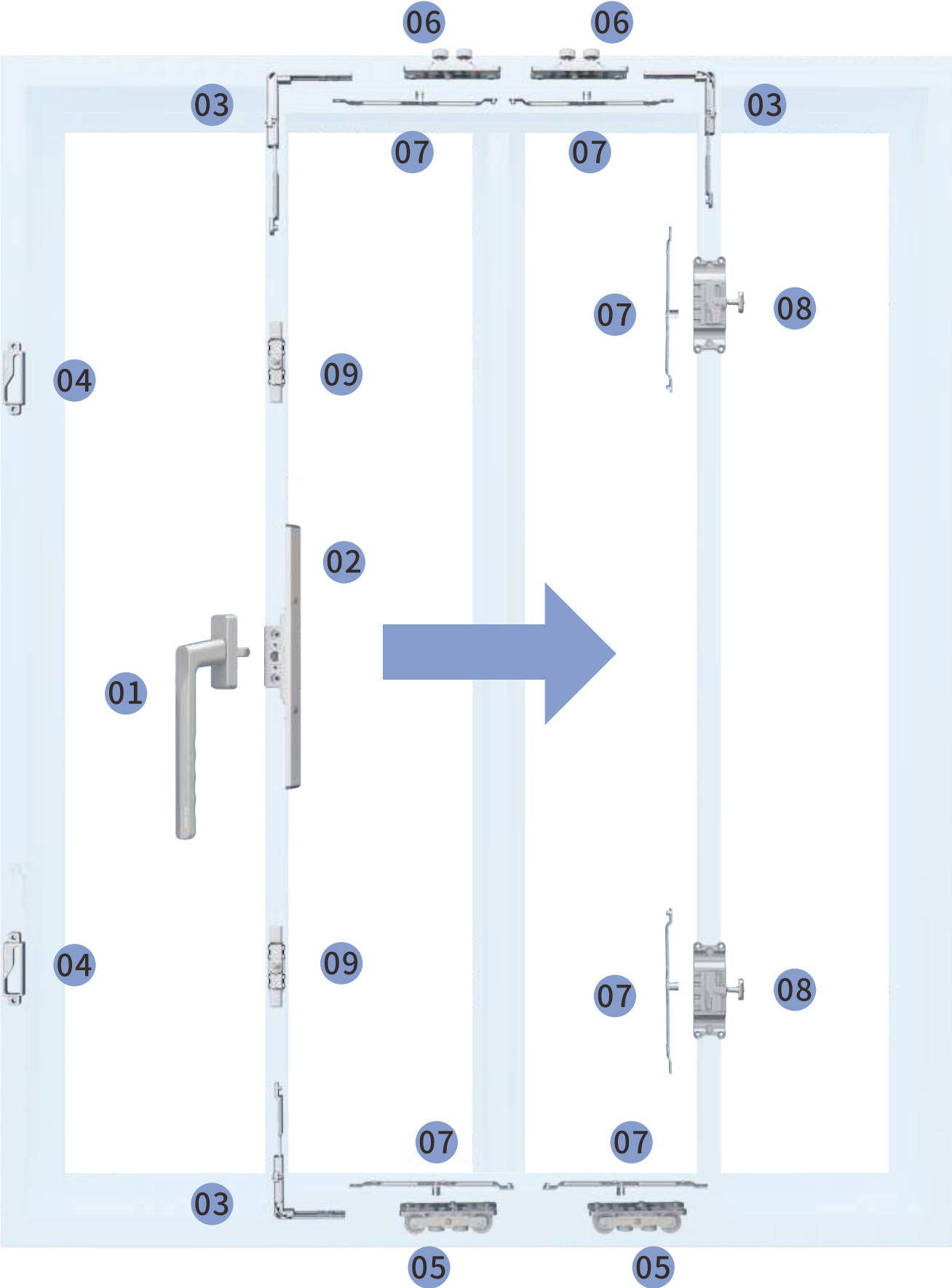
More products in the product range P41-48 & P53-58

Configuration Specification

Configuration :

- ① This system has the same features as sliding doors with good transparency, excellent airtightness, waterproof, wind-resistance.
- ② The specification of movable sash: width 1200mm, height 1800mm; maximum load-bearing capacity 80kg.
- ③ Suitable for high-rise buildings, high-end residential communities, villas, apartments, etc.

Heavy-duty Air-tightness sliding door and window

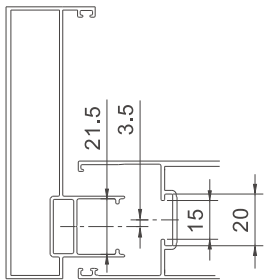


Heavy-duty Air-tightness sliding door and window

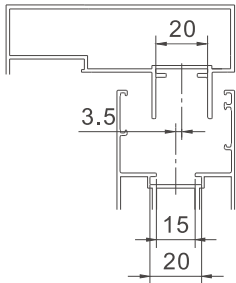
Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Handle	UP-FZS100	1	Optional
02	Transmitter	UP-CDQ21A	1	Optional
03	Corner device	UP-ZCT106AW	3	
04	Lock block	UP-SK58	2	Different in L&R
05	Roller	UP-TQM115	2	Different in L&R
06	Guide-roller	UP-TQM116	2	Different in L&R
07	connection bar	UP-TQM117	6	
08	Centercolumn lock	UP-TQM118	2	Different in L&R
09	Middle transmission rod	UP-CDG106AS21	2	

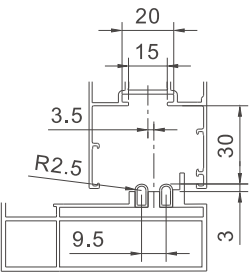
Structure of adapted profiles :



Edge Seal Fit Size



Upper Rail Mating Dimensions

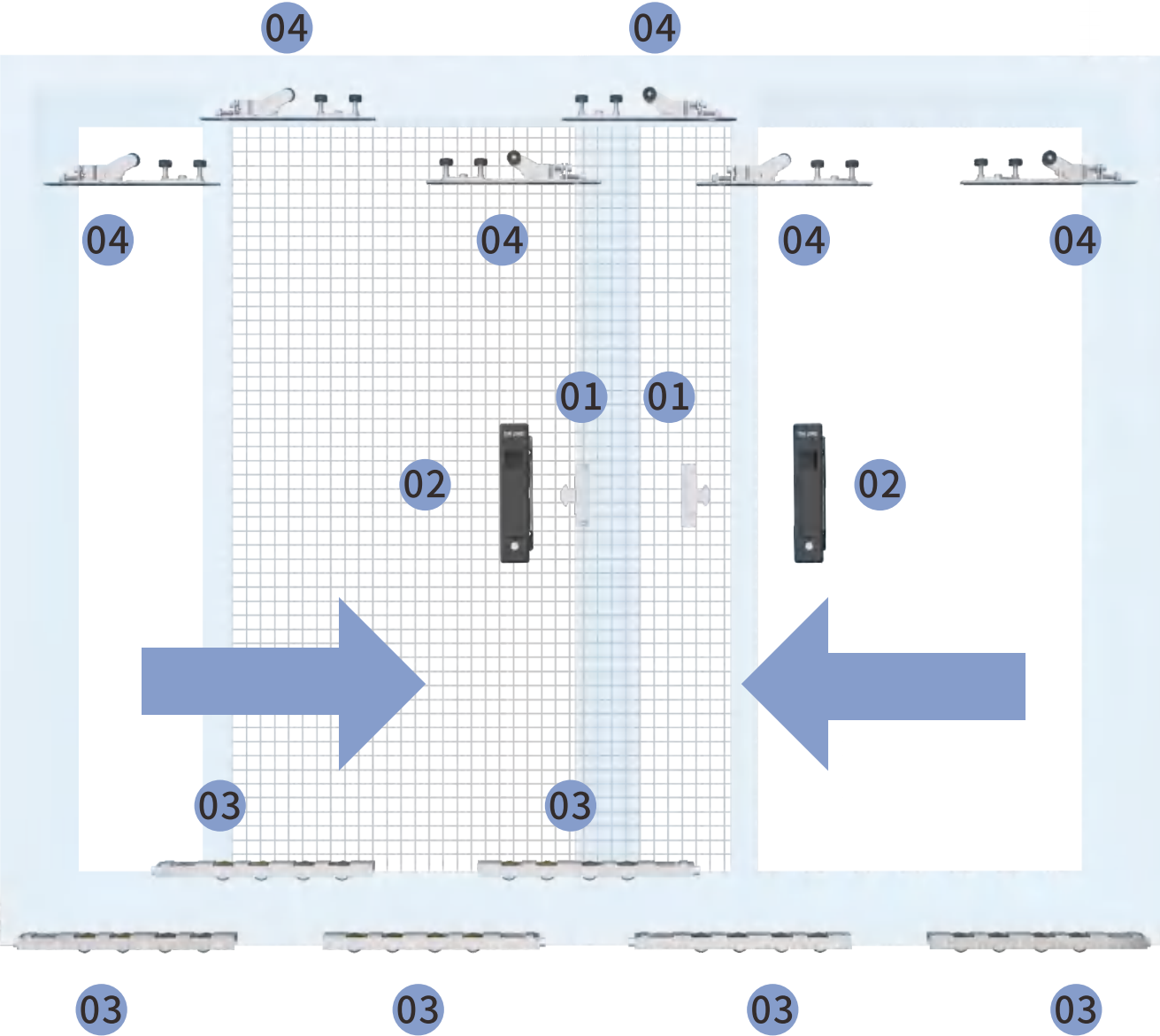


Lower Rail Mating Dimensions

Configuration Specification

- Configuration :
- ①This system has the same features as sliding doors with good transparency,excellent airtightness,waterproof,wind-resistance.
 - ②The specification of movable sash: width 1200mm, height 2300mm; maximum load-bearing capacity 150kg.
 - ③Suitable for high-rise buildings, high-end residential communities, villas, apartments, etc.

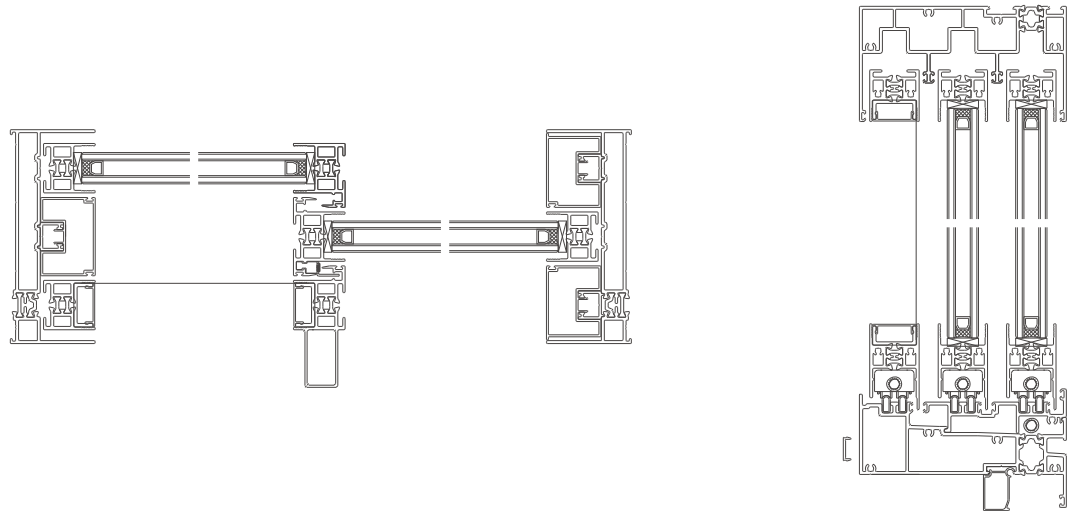
Six-rail Sliding Window System



Six-rail Sliding Window System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	Hook	UP-TSG100	2	
02	Lock box	UP-TSH100-L/R	2	
03	Roller	UP-TCL101G13K24	6	
04	Guide-roller	UP-TDL100-02	6	

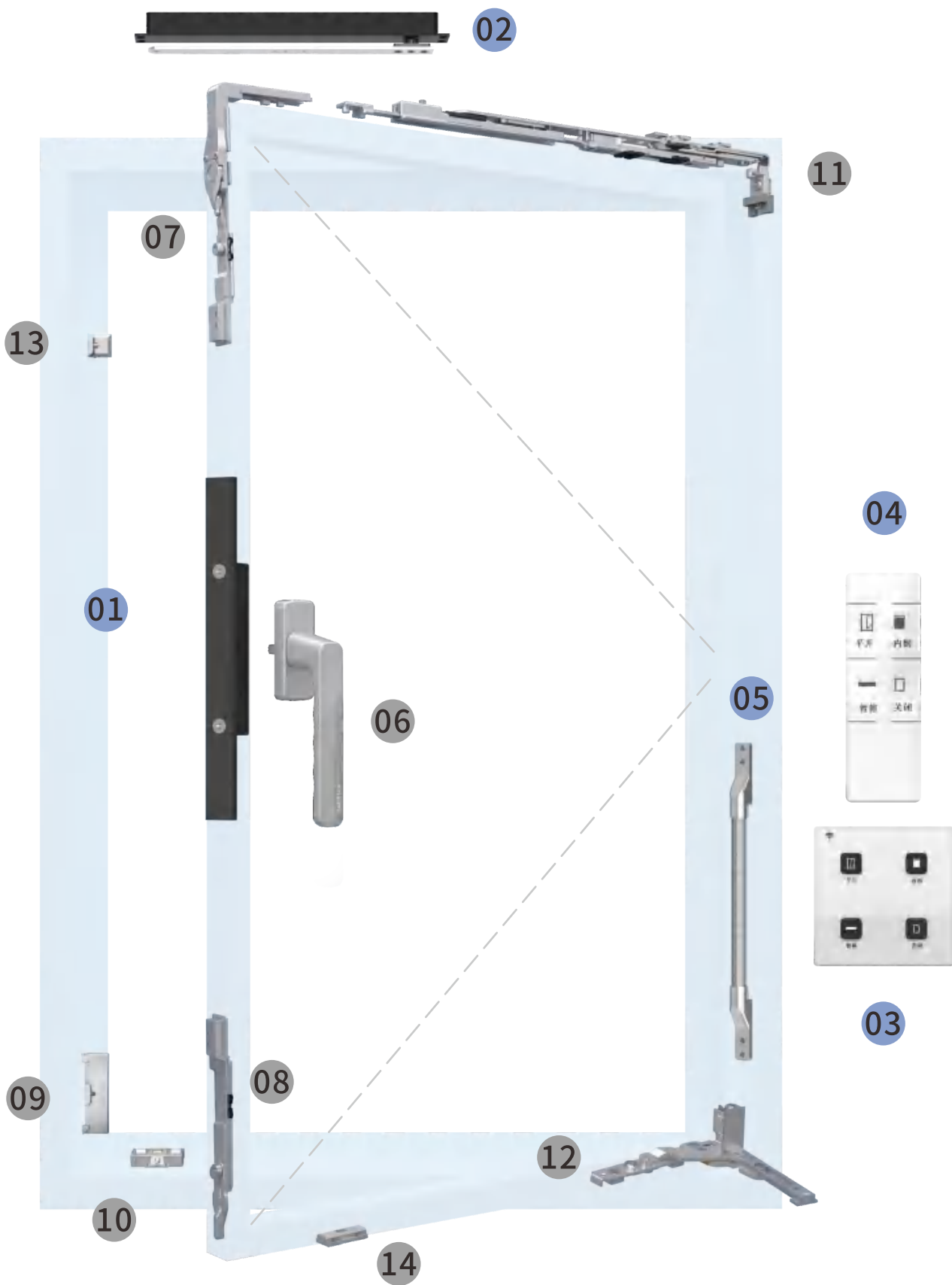


Profile Sections

Configuration Specification

- Configuration :
- ① Six-track slim profile of sliding window, smooth opening and closing, stable operation.
 - ② This configuration of pulleys meet the weight of a single window does not exceed 100kg, optional load-bearing 60kg pulleys.

Electric Turn and Tilt Window Hardware System



Electric Turn and Tilt Window Hardware System

Accessories List

Serial number	Accessories	Code	Quantity	Remark
01	HandleMotor	UP-ZNC100-01	1	Optional
02	Windowmotor	UP-ZNC100-02	1	Optional
03	Control box	UP-ZNC100-03	1	
04	Remotecontrol	UP-ZNC100-04	1	
05	Junction box	UP-ZNC100-05	1	

Accessories List

Serial number	Accessories	Code	Quantity	Remark
06	Handle	UP-FZS40	1	Optional
07	Corner device	UP-ZA104A	1	
08	Overturn supporter	UP-N156	1	
09	Anti-breakaway device	UP-N59	1	
10	Supporting Block	UP-ZCK05	1	
11	Hinge	UP-YHPS040A	1	Different in L&R
12	Hinge	UP-YHDX040	1	Different in L&R
13	Lock block	UP-SK40	1	
14	Cushion block	UP-N33A	1	



Configuration Specification

- Configuration:
- ① The control box is equipped with an overload protection function, which meets the requirements of 3C standard certification.
 - ② Motor life of 15,000 cycles, one cycle means one time of turn&tilt.
 - ③ Can meet the window width of 550-800mm and sash height of 660-1500mm (width and height refer to the distance from the edge of the sash groove to the edge of the groove).
 - ④ Load capacity: ≤ 40kg. To maintain optimal use, it is recommended that the width to height ratio of the window be maintained at about 1:1.5.
- ★It is recommended that it be used in conjunction with a casement window limiter for best results.
- ★Adaptation requirements: Standard profile with 20c groove.
- ★Manual, electric switching at will, intelligent anti-hand pinching

Handle · Elegant Style

● square steel version

Born extraordinary
Shaping the Classics

Colours:

Nano Baking Paint	Pearized silver	Golden desert	Titanium grey	Inkstone black
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Pearized silver

Golden desert

Titanium grey

Inkstone black

Plating and drawing	Moonlight Silver	Bronze gold	Mocha brown	Obsidian Black
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Moonlight Silver

Bronze gold

Mocha brown

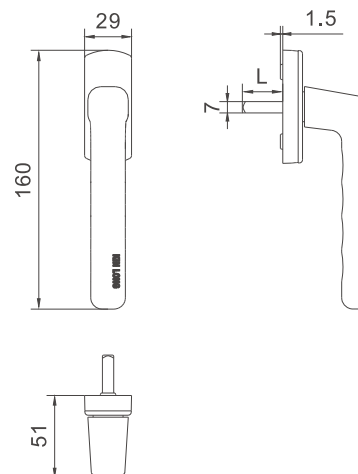
Obsidian Black

Color might differ due to print factors, please refere to the real product.

UP-FZS140

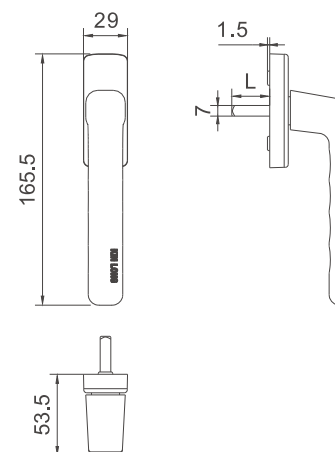
Swivel gap square shaft Handle

Product code: UP-FZS140
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm
★Gambling:
 UP-FZS140X mechanical voice

**UP-FZS40**

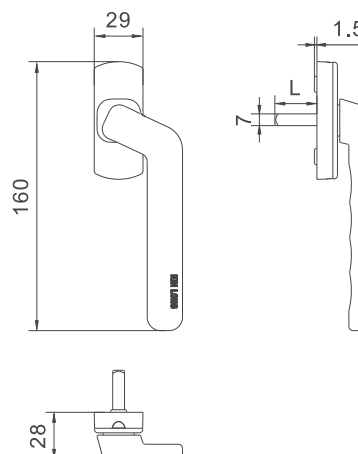
Swivel gap square shaft Handle

Product code: UP-FZS40
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm

**UP-FZS640A**

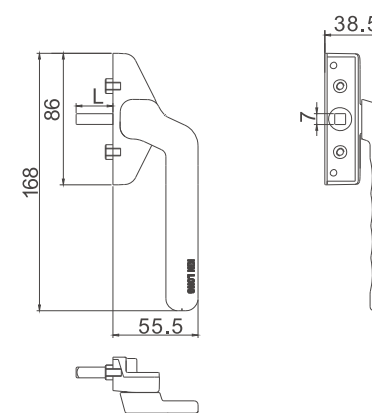
Swivel gap square shaft Handle

Product code: UP-FZS640A
Product Material: Aluminum
 Zinc alloy
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm
★Gambling:
 UP-FZS640AX mechanical voice

**UP-FZS107**

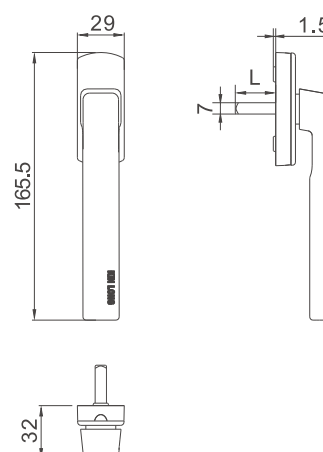
Side mount Handle

Product code: UP-FZS107
Product Material: Aluminum
 Zinc alloy
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm
★Gambling:
 For use with actuator UP-CDQ107

**UP-FZS240**

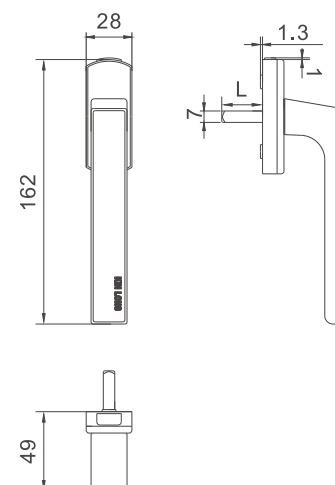
Swivel gap square shaft Handle

Product code: UP-FZS240
Product Material: Aluminum
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm

**UP-FZS1081**

Swivel gap square shaft Handle

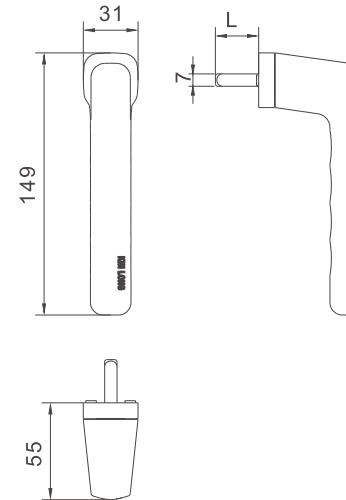
Product code: UP-FZS1081
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm
 With child safety lock
Color available:
 Pearized silver 、Inkstone black
 space gray 、sapphire blue
★Gambling:
 Optional colors only、with mechanical sound



UP-FZS15A

Baseless square shaft Handle

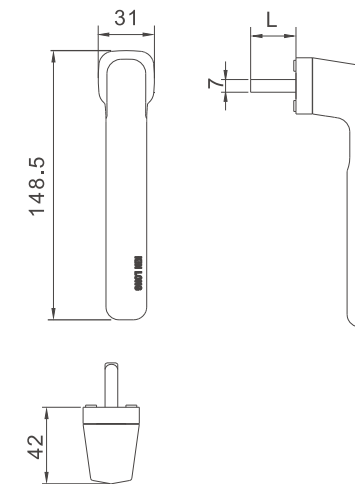
Product code: UP-FZS15A
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm



UP-FZS215

Baseless square shaft Handle

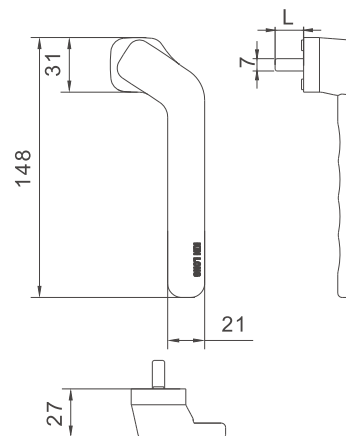
Product code: UP-FZS215
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm



UP-FZS16

Baseless square shaft Handle

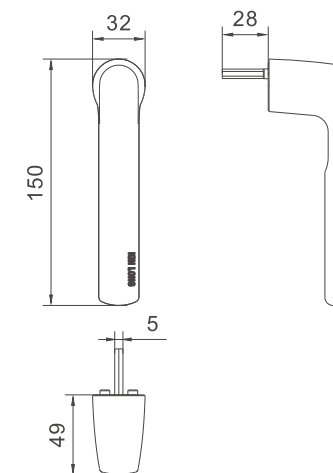
Product code: UP-FZS16
Product Material: Aluminum
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm



UP-FZS106

Baseless eccentric shaft Handle

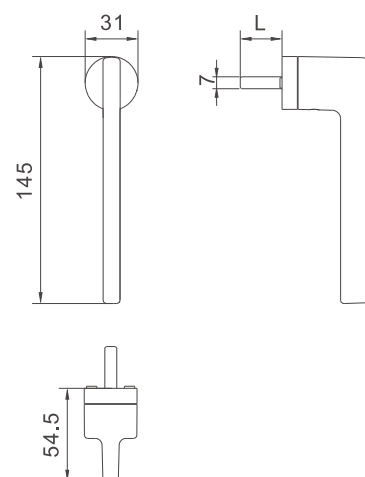
Product code: UP-FZS106
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 28mm
★Gambling:
 For use with no-mill slot actuator UP-CDQ105A



UP-FZS19

Baseless square shaft Handle

Product code: UP-FZS19
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm



The products are available in both nano-baked and nano-coated finishes.



The products are available in both nano-baked and nano-coated finishes.

Handle · Elegant Style

Toggle model



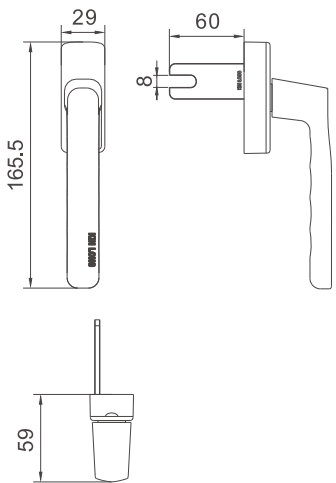
The picture is for reference only, the product shall prevail in kind

Handle · Elegant Style

KIN LONG For Better Living

UP-CZS1140X

Shift fork Handle

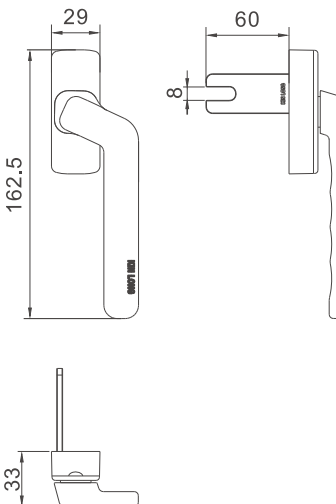


Product code: UP-CZS1140X
Product Material: Aluminum
Adaptive window type: Casement windows
Technical Parameters: Fork exposed 60mm with mechanical sound
★Gambling: Handle with spindle and screw cap: UP-FZS1140X



UP-CZS1640X

Shift fork Handle

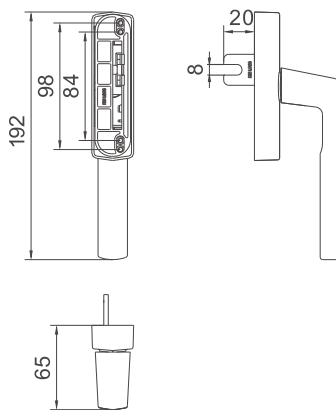


Product code: UP-FZS1640X
Product Material: Aluminum Zinc alloy
Adaptive window type: Casement windows
Technical Parameters: Fork exposed 60mm with mechanical sound
★Gambling: Handle with spindle and screw cap: UP-FZS1640X



UP-CZS101

Shift fork Handle



Product code: UP-CZS101
Product Material: Aluminum
Adaptive window type: Casement windows Turn&Tilt window
Technical Parameters: Fork exposed 20mm



Nano Baking Paint

nanocoatings



The products are available in both nano-baked and nano-coated finishes.



Handle · Blooming Style

Simple and stylish
A long tradition

Colours



Finishing

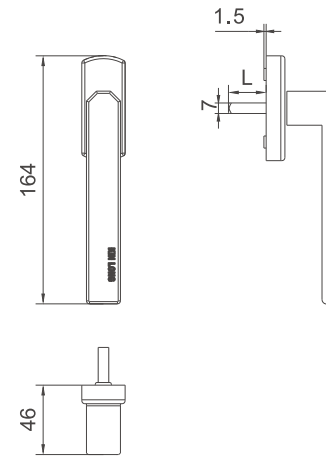
Electrolytic oxidation	Moonlight silver	Golden	Pitch black	Sky grey
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Color might differ due to print factors, please refer to the real product.

UP-FZS1035A

Swivel gap square shaft Handle

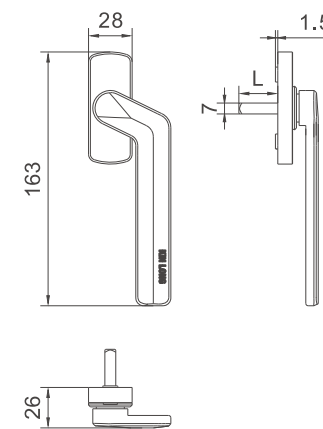
Product code: UP-FZS1035A
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm
 with mechanical sound



UP-FZS1043A

Swivel gap square shaft Handle

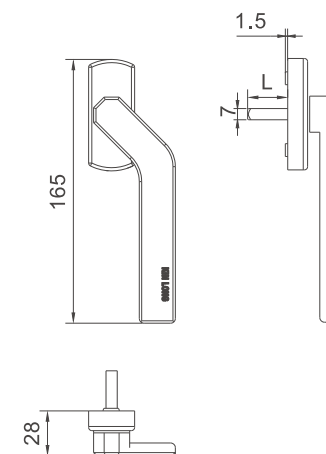
Product code: UP-FZS1043A
Product Material: Aluminum
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm
 with mechanical sound



UP-FZS1036A

Swivel gap square shaft Handle

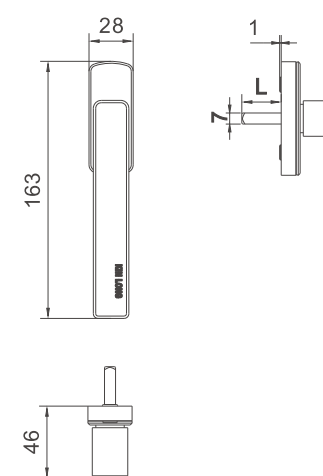
Product code: UP-FZS1036A
Product Material: Aluminum
Adaptive window type:
 Casement windows
Technical Parameters:
 Spindle exposed 25-70mm
 with mechanical sound



UP-FZS1034A

Swivel gap square shaft Handle

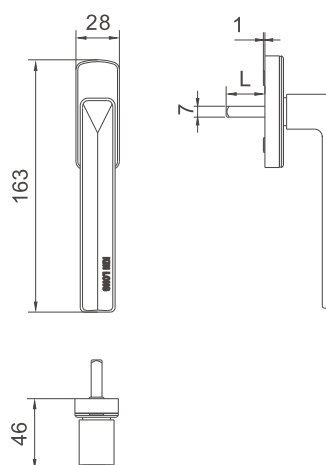
Product code: UP-FZS1034A
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm
 with mechanical sound



UP-FZS1033A

Swivel gap square shaft Handle

Product code: UP-FZS1033A
Product Material: Aluminum
Adaptive window type:
 Casement windows
 Turn&Tilt window
Technical Parameters:
 Spindle exposed 25-70mm
 with mechanical sound



Handle · The heavens Style

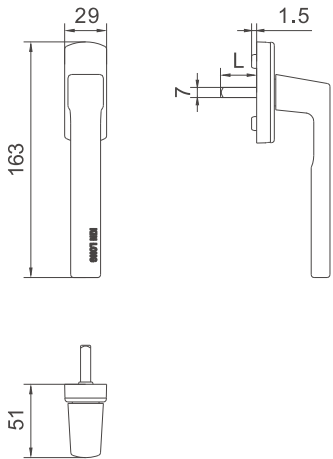


The Beauty of Chinese Style
Rhyme of the Hand

The picture is for reference only, the product shall prevail in kind

UP-FZS150

Swivel gap square shaft Handle

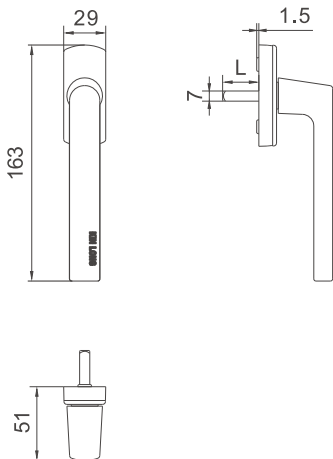


Product code: UP-FZS150
Product Material: Aluminum
Adaptive window type:
Casement windows
Turn&Tilt window
Technical Parameters:
Spindle exposed 25-70mm



UP-FZS151

Swivel gap square shaft Handle

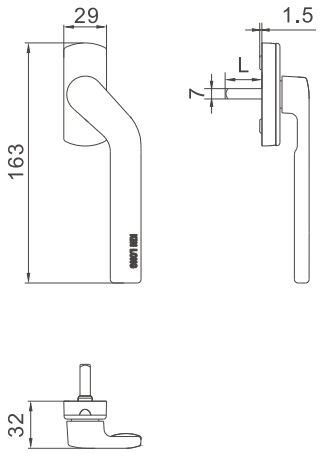


Product code: UP-FZS151
Product Material: Aluminum
Adaptive window type:
Casement windows
Turn&Tilt window
Technical Parameters:
Spindle exposed 25-70mm



UP-FZS651

Swivel gap square shaft Handle



Product code: UP-FZS651
Product Material: Aluminum
Adaptive window type:
Casement windows
Technical Parameters:
Spindle exposed 25-70mm



Nano Baking Paint

nanocoatings



The products are available in both nano-baked and nano-coated finishes.

Handle · Rohmann Style

Innovative design
Drive the dream

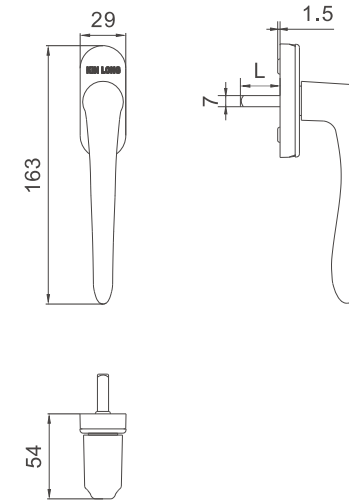


Handle · Rohmann Style

KIN LONG For Better Living

UP-FZS130

Swivel gap square shaft Handle

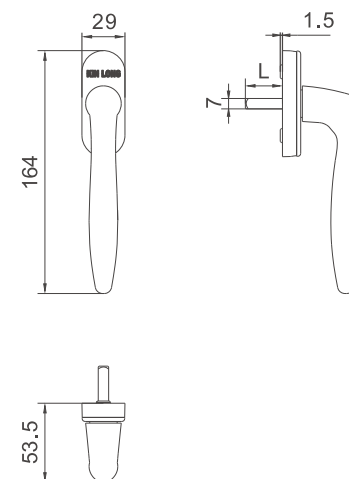


Product code: UP-FZS130
Product Material: Aluminum
Adaptive window type:
Casement windows
Technical Parameters:
Spindle exposed 25-70mm
★Gambling:
Optional full-twist cap handle UP-FZS1130



UP-FZS132

Swivel gap square shaft Handle



Product code: UP-FZS132
Product Material: Aluminum
Adaptive window type:
Casement windows
Turn&Tilt window
Technical Parameters:
Spindle exposed 25-70mm
★Gambling:
Optional full-twist cap handle UP-FZS1132



Nano Baking Paint

nanocoatings



The picture is for reference only, the product shall prevail in kind

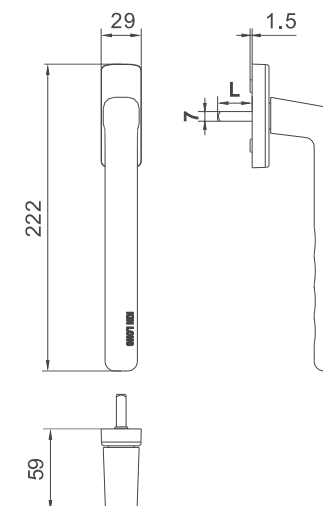
The products are available in both nano-baked and nano-coated finishes.

Handle · Elegant Style

Mastering Comfort
Achieve extraordinary results

UP-FZS100

Swivel gap square shaft Handle

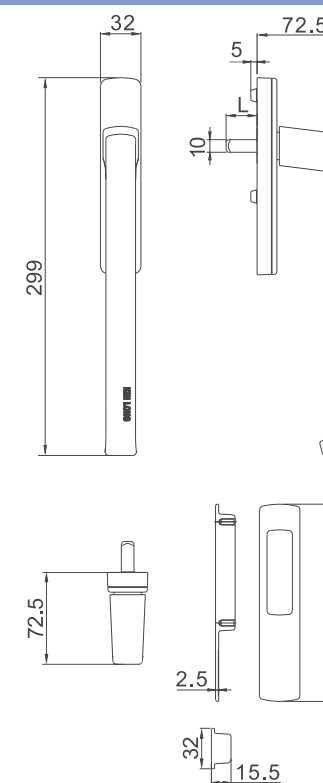


Product code: UP-FZS100
Product Material: Aluminum
Adaptive window type:
Casement windows
Lifting&Sliding Window
Technical Parameters:
Spindle exposed 25-70mm

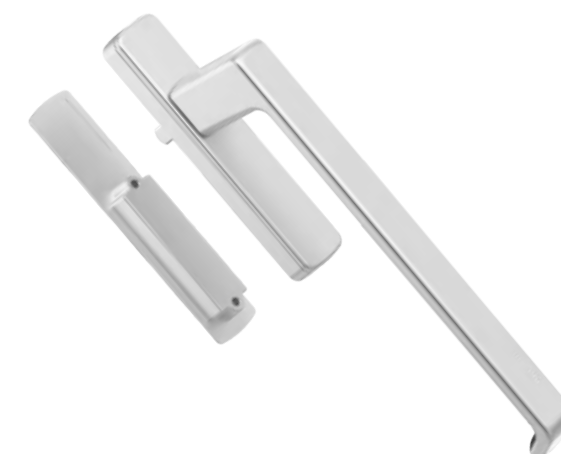


UP-FZS200

Swivel gap square shaft Handle



Product code: UP-FZS200
Product Material: Aluminum
Adaptive window type:
Casement windows
Lifting&Sliding Window
Technical Parameters:
Spindle exposed 28-70mm



Nano Baking Paint

Titanium grey

Inkstone black

Golden desert

Pearlized silver

nanocoatings

Titanium grey

Inkstone black

The picture is for reference only, the product shall prevail in kind

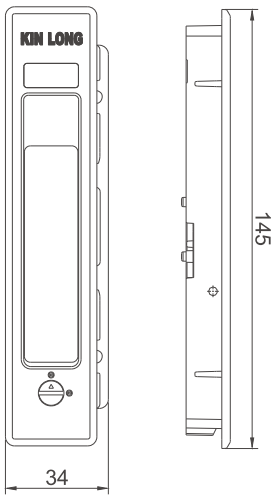
The products are available in both nano-baked and nano-coated finishes.

Latch and Screen Window Lock Series



UP-TSH100

Lock box

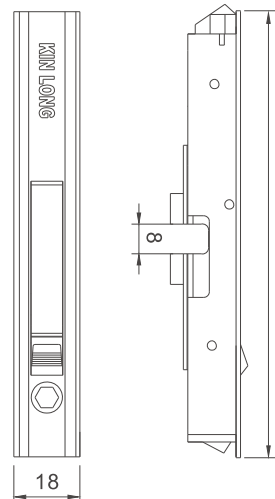


Product code: UP-TSH100
Product Material: Zinc alloy
Adaptive window type: Casement windows
Technical Parameters: Left-right and right-right, lever-open with hook UP-TSG100 for use with children's locks
Available colors: Grizzly



UP-YTS10A

Screen window lock

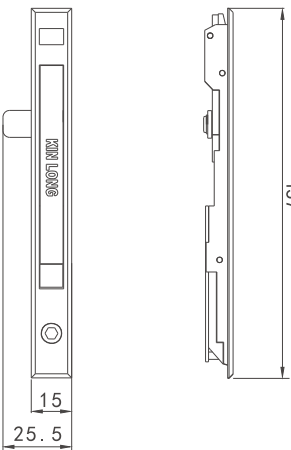


Product code: UP-YTS10A
Product Material: Aluminum
Adaptive window type: Casement windows
Technical Parameters: No right or left side, push to open needs to be fitted with a drive lever. Reverse top snap mount with kiddie lock feature
Available colors: Silver white

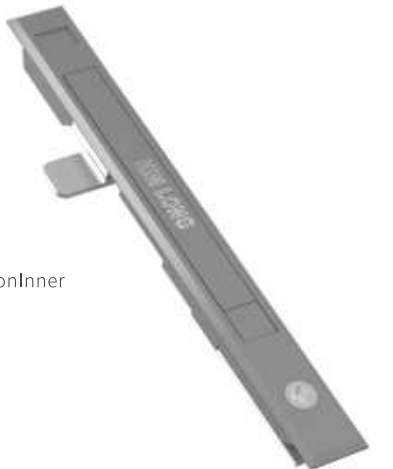


UP-YTS14

Screen window lock



Product code: UP-YTS14
Product Material: Zinc alloy
Adaptive window type: Casement windows
Technical Parameters: points or so, push to open, need to be matched with the locking block to fit. Reverse Top Snap Installation Inner hexagonal wrench adjustments Self-locking
Available colors: Starry sky gray



UP-YTS15

Screen window lock

Product code: UP-YTS15

Product Material: Zinc alloy

Adaptive window type:

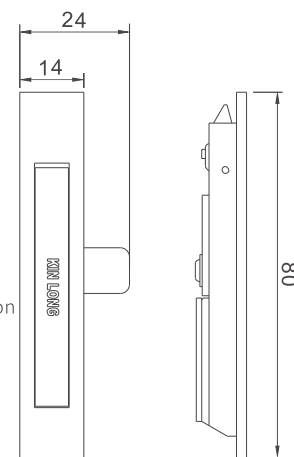
Casement windows

Technical Parameters:

Differ from left/right push-to-open, hidden inner hexagonal adjustable locking, need to work with locking block. Reverse Top Snap-In Installation

Available colors:

Grizzly



UP-YTS16

Screen window lock

Product code: UP-YTS16

Product Material: Zinc alloy

Adaptive window type:

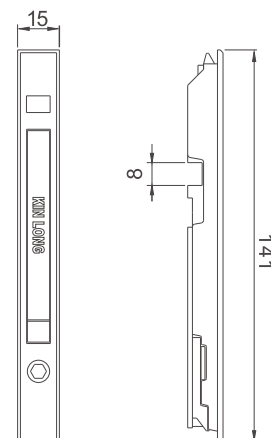
Casement windows

Technical Parameters:

Same for left&right, push to open needs to be fitted with a drive lever. Reverse top snap mount with kiddie lock feature

Available colors:

Dark shadow gray



Hinge series

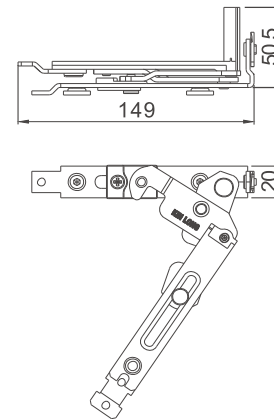


UP-YHE122

Concealen Hinge

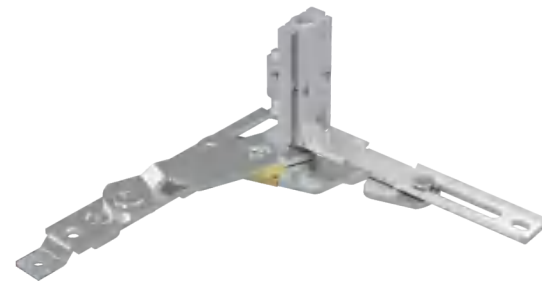


- Product code:** UP-YHE122
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 60kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

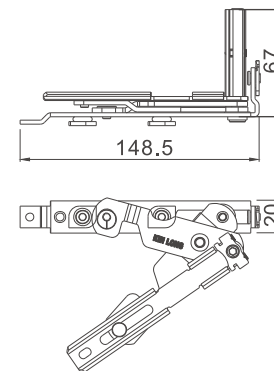


UP-YHE100

Concealen Hinge



- Product code:** UP-YHE100
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 70kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

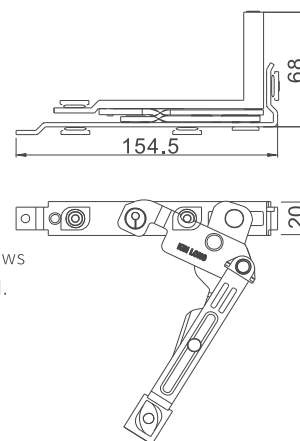


UP-YHE110

Concealen Hinge

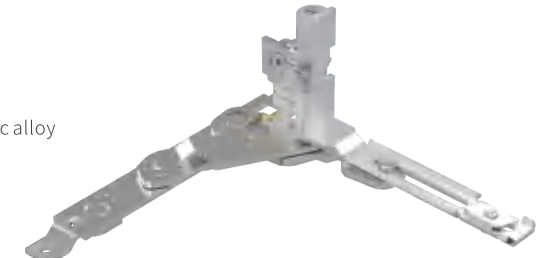


- Product code:** UP-YHE110
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 90kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

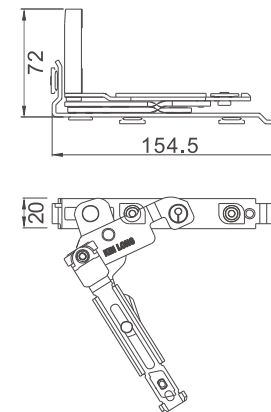


UP-YHE120

Concealen Hinge

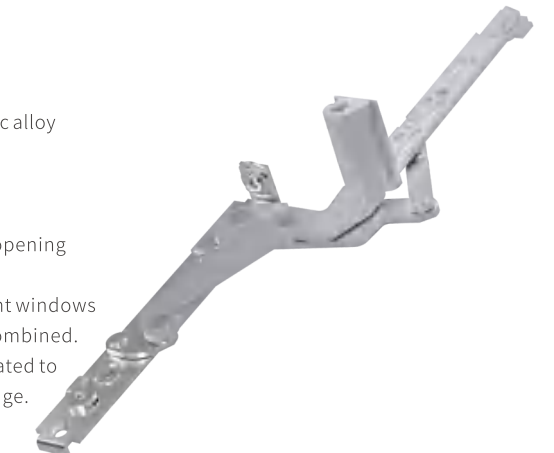


- Product code:** UP-YHE120
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 110kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

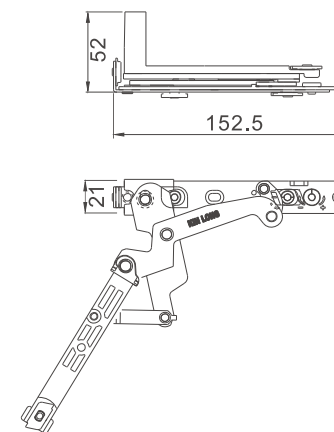


UP-YHE080

Concealed Hinge



- Product code:** UP-YHE080
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable, 180° opening
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 70kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

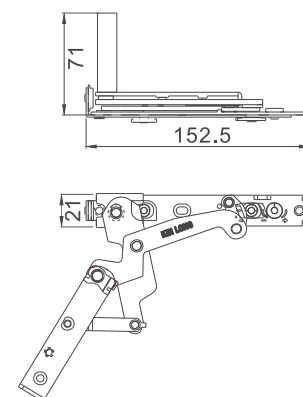


UP-YHE180

Concealed Hinge



- Product code:** UP-YHE180
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
- ◆ Multi-dimensional adjustable, 180° opening
 - ◆ Distinguish between left and right, available in sets for interior casement windows
 - ◆ Maximum weight capacity of 90kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.



UP-YHPS040A/UP-YHDX040

Concealed Hinge

Product code: UP-YHPS040A/
UP-YHDX040

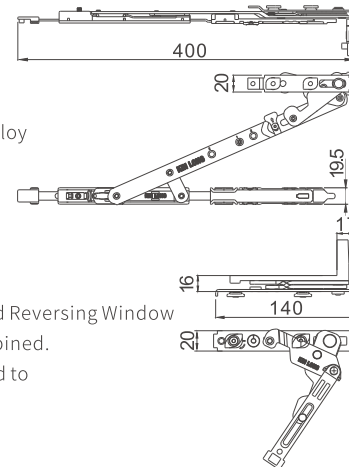
Product Material: Stainless steel + Zinc alloy

Adaptive window type:

Turn&Tilt Window

Product Features:

- ◆ Multi-dimensional adjustable
- ◆ Distinguish between left and right, available in sets for Inward Opening and Reversing Window
- ◆ Maximum weight capacity of 70kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.



UP-YHPS040A/UP-YHDX140

Concealed Hinge

Product code: UP-YHPS040A/
UP-YHDX140

Product Material: Stainless steel + Zinc alloy

Adaptive window type:

Turn&Tilt Window

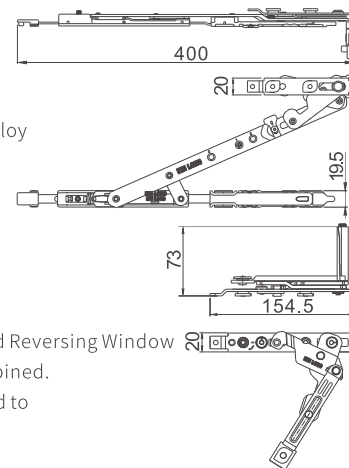
Product Features:

- ◆ Multi-dimensional adjustable
- Adjustable lower material
- ◆ Distinguish between left and right, available in sets for Inward Opening and Reversing Window
- ◆ Maximum weight capacity of 90kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

★**Gambling:**

Optional UP-YHPS140A/UP-YHDX140

Maximum load capacity of 90kg



UP-YHPS140A/UP-YHDX240

Concealed Hinge

Product code: UP-YHPS140A/
UP-YHDX240

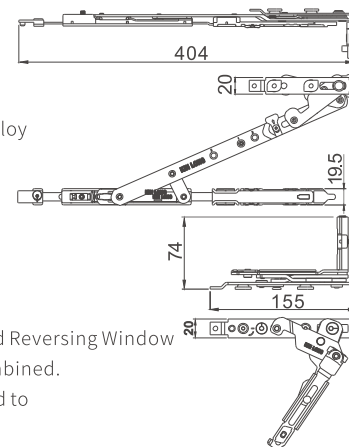
Product Material: Stainless steel + Zinc alloy

Adaptive window type:

Turn&Tilt Window

Product Features:

- ◆ Multi-dimensional adjustable
- Adjustable lower material
- ◆ Distinguish between left and right, available in sets for Inward Opening and Reversing Window
- ◆ Maximum weight capacity of 110kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.



UP-YHPS050A/UP-YHDX050

Concealed Hinge

Product code: UP-YHPS050A/
UP-YHDX050

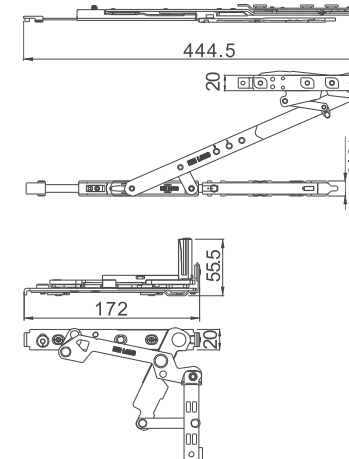
Product Material: Stainless steel + Zinc alloy

Adaptive window type:

Turn&Tilt Window

Product Features:

- ◆ Multi-dimensional adjustable, 180° opening
- ◆ Distinguish between left and right, available in sets for Inward Opening and Reversing Window
- ◆ Maximum weight capacity of 70kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.



UP-YHPS150A/UP-YHDX150

Concealed Hinge

Product code: UP-YHPS150A/
UP-YHDX150

Product Material: Stainless steel + Zinc alloy

Adaptive window type:

Turn&Tilt Window

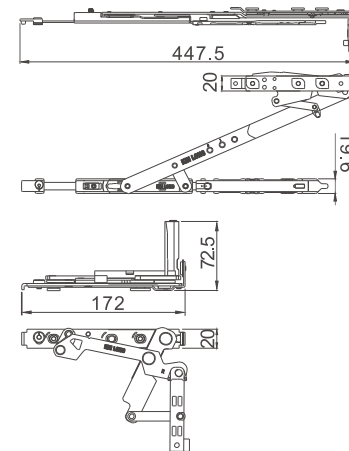
Product Features:

- ◆ Multi-dimensional adjustable
- Adjustable connection point
- ◆ Distinguish between left and right,
- ◆ Maximum weight capacity of 100kg combined. Specific load-bearing strength is related to the installation and profile of the hinge.

★**Gambling:**

Optional UP-YHPS050A/UP-YHDX150

Maximum load capacity of 100kg



UP-YJL110

Built-in Hinge

Product code: UP-YJL110

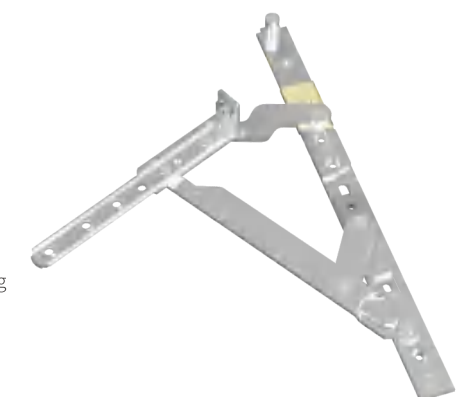
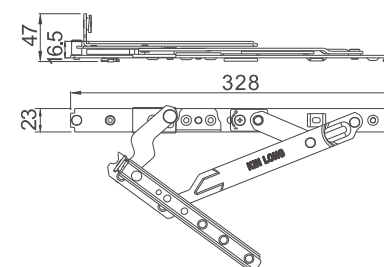
Product Material: Stainless steel

Adaptive window type:

Casement window

Product Features:

- ◆ Adjustable self-positioning force
- ◆ Distinguish between left and right set for external casement windows
- ◆ Maximum weight capacity of the hinge is 50kg. Specific load-bearing strength is related to the installation and profile of the hinge.



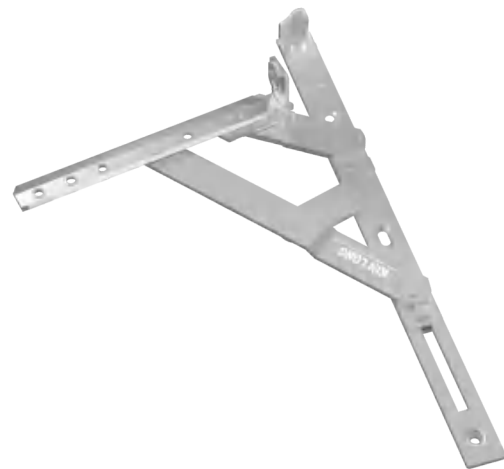
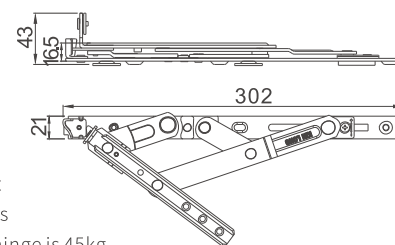
UP-YJL103

Dust-proof Friction Hinge

Product code: UP-YJL103
Product Material: Stainless steel
Adaptive window type: Casement window

Product Features:

- ◆ Adjustable self-positioning force
- ◆ Distinguish between left and right set for external casement windows
- ◆ Maximum weight capacity of the hinge is 45kg
 Specific load-bearing strength is related to the installation and profile of the hinge



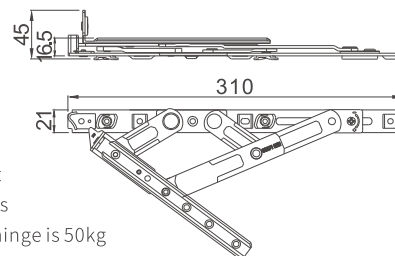
UP-YJL100A

Dust-proof Friction Hinge

Product code: UP-YJL100A
Product Material: Stainless steel
Adaptive window type: Casement window

Product Features:

- ◆ Adjustable self-positioning force
- ◆ Distinguish between left and right set for external casement windows
- ◆ Maximum weight capacity of the hinge is 50kg
 Specific load-bearing strength is related to the installation and profile of the hinge



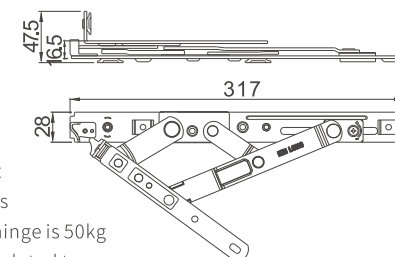
UP-YJL100K

Dust-proof Friction Hinge

Product code: UP-YJL100K
Product Material: Stainless steel
Adaptive window type: K-groove Casement window

Product Features:

- ◆ Adjustable self-positioning force
- ◆ Distinguish between left and right set for external casement windows
- ◆ Maximum weight capacity of the hinge is 50kg
 Specific load-bearing strength is related to the installation and profile of the hinge



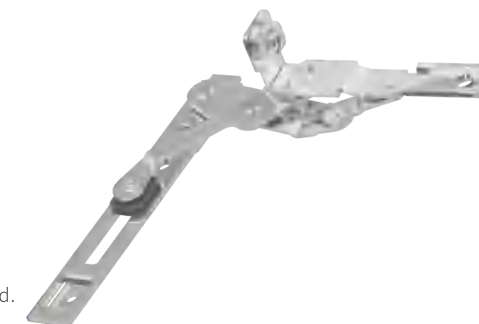
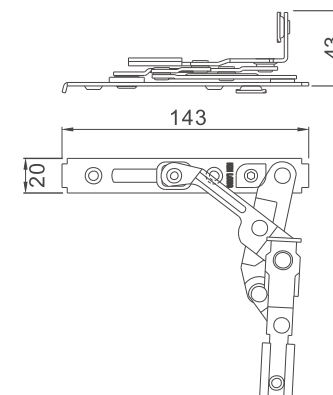
UP-YSH10

Concealed Hinge

Product code: UP-YSH10
Product Material: Stainless steel
Adaptive window type: casement window

Product Features:

- ◆ Multi-dimensional adjustable, 90° opening
- ◆ Distinguish between left and right, available in sets for window screen
- ◆ Maximum weight capacity of 15kg combined.
 Specific load-bearing strength is related to the installation and profile of the hinge.



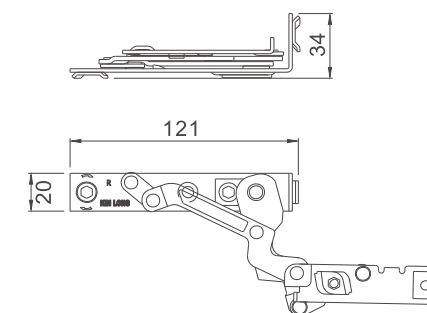
UP-YSH13A

Concealed Hinge

Product code: UP-YSH13A
Product Material: Stainless steel
Adaptive window type: casement window

Product Features:

- ◆ Multi-dimensional adjustable, 168° opening
- ◆ Distinguish between left and right, available in sets for window screen
- ◆ Maximum weight capacity of 15kg combined.
 Specific load-bearing strength is related to the installation and profile of the hinge.



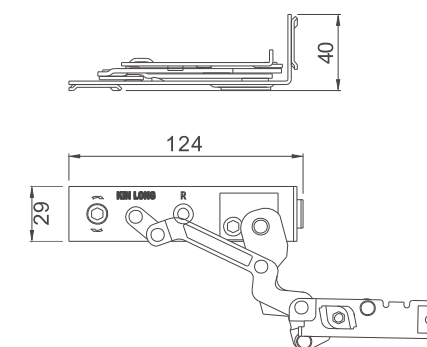
UP-YSH13K

Concealed Hinge

Product code: UP-YSH13K
Product Material: Stainless steel
Adaptive window type: casement window

Product Features:

- ◆ Multi-dimensional adjustable, 168° opening
- ◆ Distinguish between left and right, available in sets for window screen
- ◆ Maximum weight capacity of 15kg combined.
 Specific load-bearing strength is related to the installation and profile of the hinge.

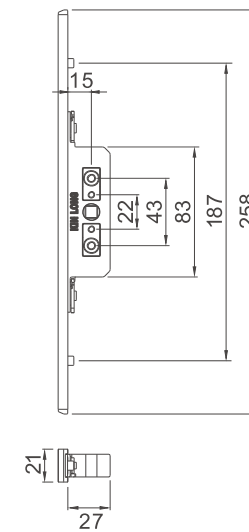


Transmitter Series

UP-CDQ15

Transmitter

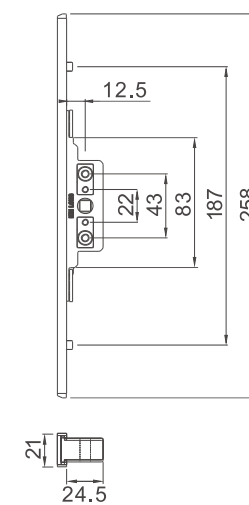
- Product code:** UP-CDQ15
Product Material: Zinc alloy
Adaptive window type:
 Inner casement window
 Turn&Tilt Window
 Sliding & Air-tight D&W
Product Features:
 ◆ Unidirectional double stroke
 ◆ Center distance 15mm
 ◆ With anti-bias structure



UP-CDQ21A

Transmitter

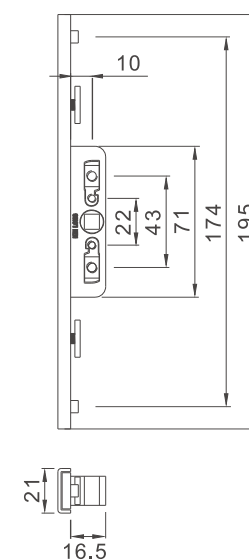
- Product code:** UP-CDQ21A
Product Material: Zinc alloy
Adaptive window type:
 Inner casement window
 Turn&Tilt Window
 Sliding & Air-tight D&W
Product Features:
 ◆ Unidirectional double stroke
 ◆ Center distance 12.5mm
 ◆ With anti-bias structure



UP-CDQ010A

Transmitter

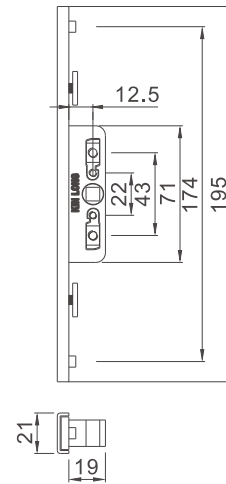
- Product code:** UP-CDQ010A
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 10mm
 ◆ With anti-bias structure



UP-CDQ0125A

Transmitter

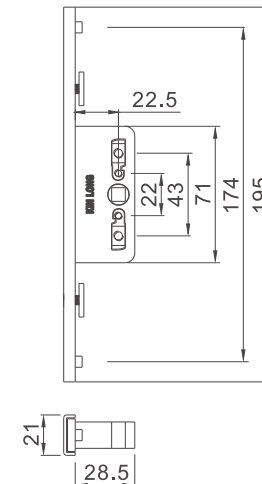
- Product code:** UP-CDQ0125A
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 12.5mm
 ◆ With anti-bias structure



UP-CDQ0225B

Transmitter

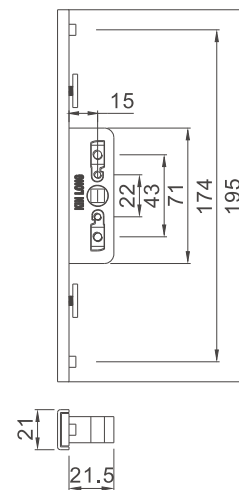
- Product code:** UP-CDQ0225B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 22.5mm
 ◆ With anti-bias structure



UP-CDQ015B

Transmitter

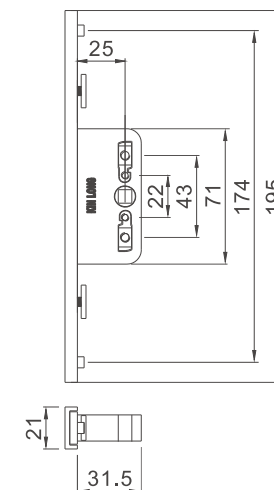
- Product code:** UP-CDQ015B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 15mm
 ◆ With anti-bias structure



UP-CDQ025B

Transmitter

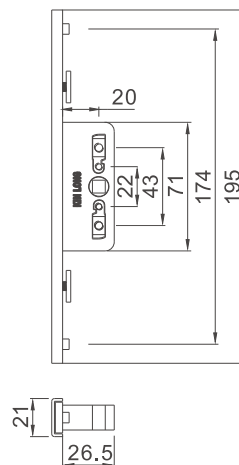
- Product code:** UP-CDQ025B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 25mm
 ◆ With anti-bias structure



UP-CDQ020B

Transmitter

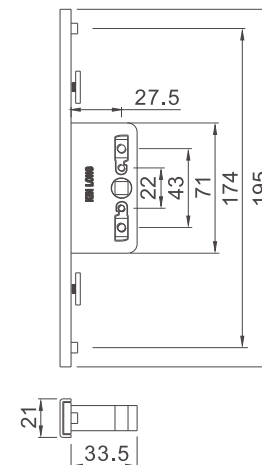
- Product code:** UP-CDQ020B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 20mm
 ◆ With anti-bias structure

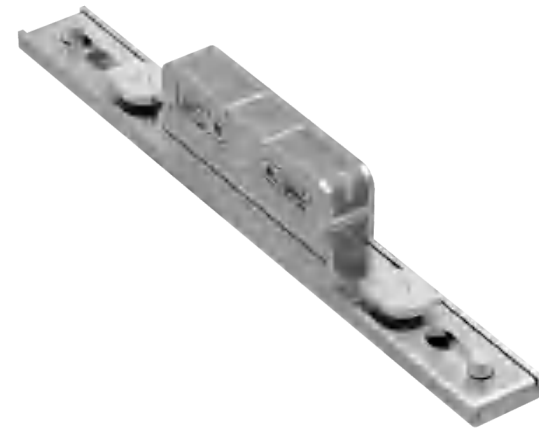


UP-CDQ0275B

Transmitter

- Product code:** UP-CDQ0275B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 27.5mm
 ◆ With anti-bias structure

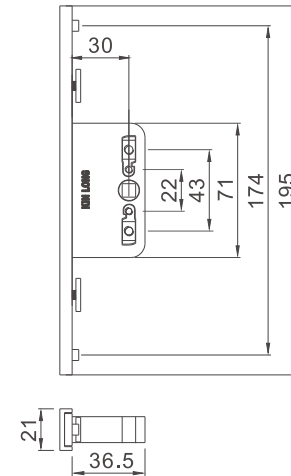




UP-CDQ030B

Transmitter

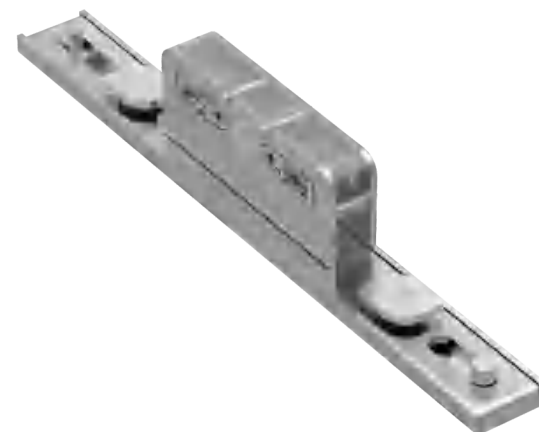
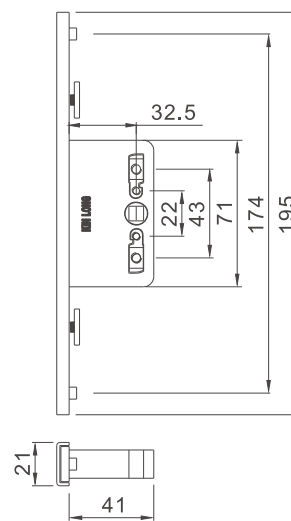
- Product code:** UP-CDQ030B
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 30mm
 ◆ With anti-bias structure



UP-CDQ0325A

Transmitter

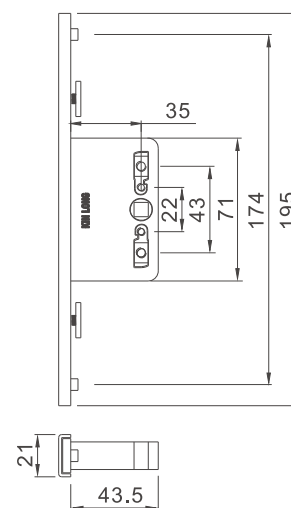
- Product code:** UP-CDQ0325A
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 32.5mm
 ◆ With anti-bias structure



UP-CDQ035A

Transmitter

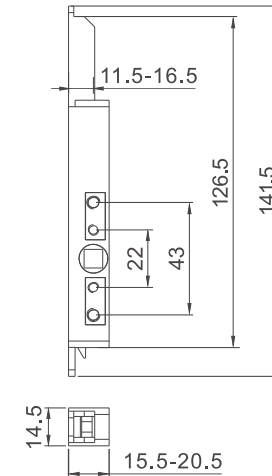
- Product code:** UP-CDQ035A
Product Material: Stainless steel main body
Adaptive window type:
 Casement windows
Product Features:
 ◆ Bidirectional single stroke
 ◆ Center distance 35mm
 ◆ With anti-bias structure



UP-CDQ1116

Transmitter

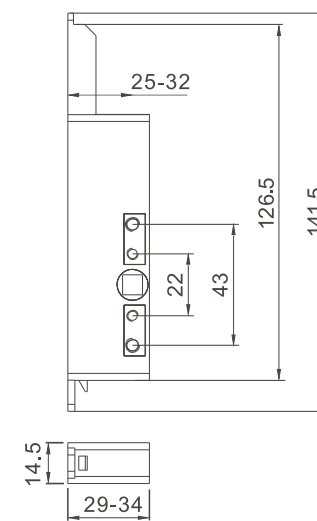
- Product code:** UP-CDQ1116
Product Material: Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
 ◆ Unidirectional single stroke
 ◆ Adjustable center distance 11.5-16.5mm
 ◆ With anti-bias structure



UP-CDQ2532

Transmitter

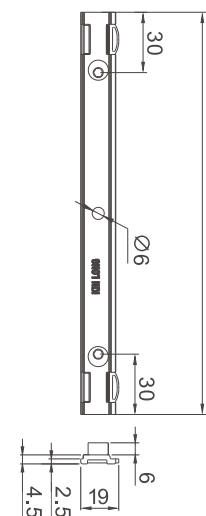
- Product code:** UP-CDQ2532
Product Material: Zinc alloy
Adaptive window type:
 Inner casement window
Product Features:
 ◆ Unidirectional single stroke
 ◆ Adjustable center distance 25-32mm
 ◆ With anti-bias structure



UP-CDG200

Transmission Rod

- Product code:** UP-CDG200
Product Material: Aluminum
Adaptive window type:
 Inner casement window
Product Features:
 ◆ Smooth rolling of locking points
 ◆ Actuator rod beech drive
 ◆ Used with actuators CDQ1116 & CDQ2532.



UP-CDQ105A

Transmitter

Product code: UP-CDQ105A

Product Material: Zinc alloy

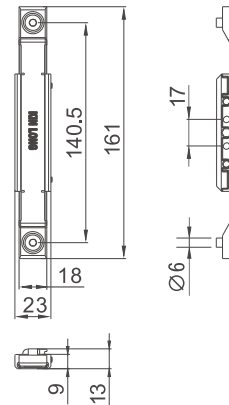
Adaptive window type:

Inner casement window

Turn&Tilt Window

Product Features:

- ◆ Unidirectional double stroke
- ◆ Small volume no-mill profile mounting



UP-CDQ107

Transmitter

Product code: UP-CDQ107

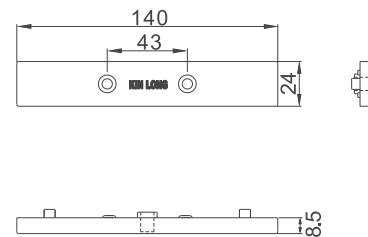
Product Material: Zinc alloy

Adaptive window type:

casement window

Product Features:

- ◆ Running smoothly
- ◆ Less opening force



UP-TTL120-01

Transmitter

Product code: UP-TTL120-01

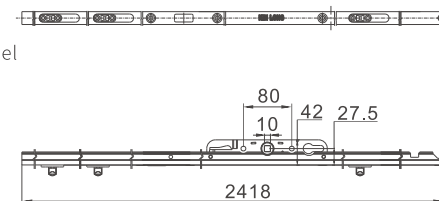
Product Material: Stainless steel

Adaptive window type:

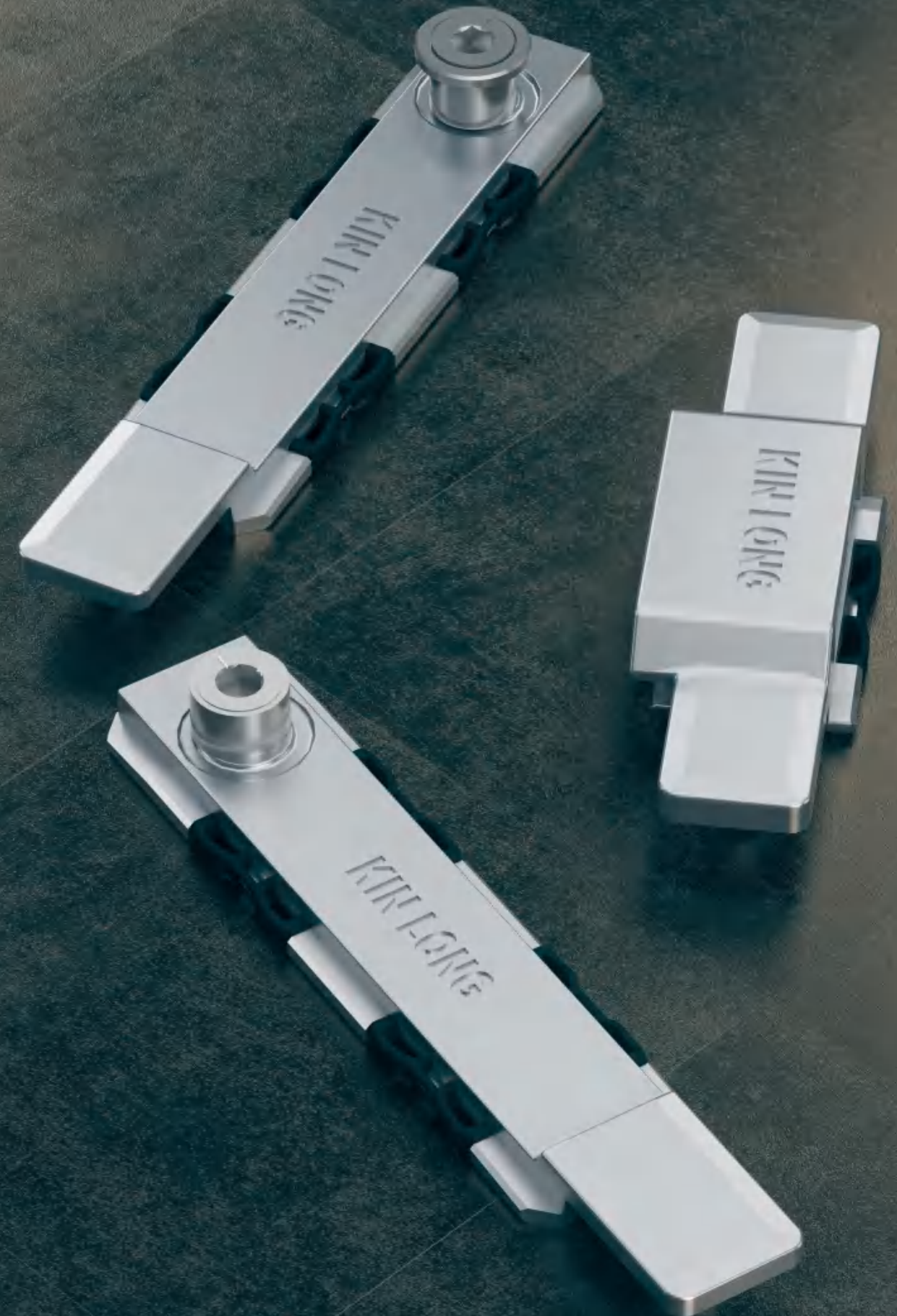
Lifting Sliding Doors

Product Features:

- ◆ Running smoothly
- ◆ Less opening force



Transmission Rod Series

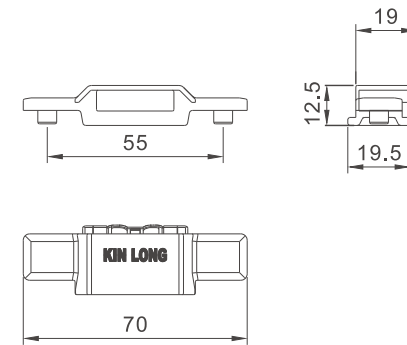
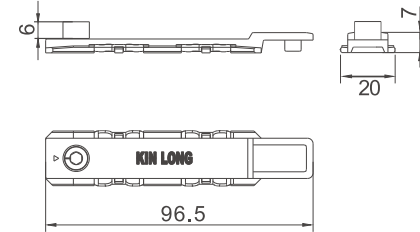


The picture is for reference only, the product shall prevail in kind

UP-CDG142A

Transmission Rod

Product code: UP-CDG142A
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Smooth rolling of locking points
 ◆ Mute Transmission



UP-CDG100

Transmission Rod

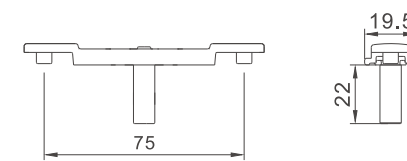
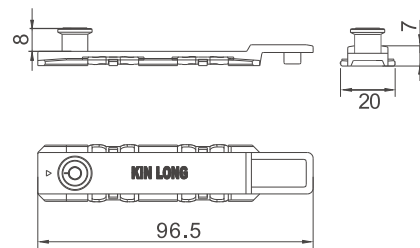
Product code: UP-CDG100
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Mute Transmission
 ★ **Gambling:**
 Through-hole model UP-CDG100T
 can be adapted to different fork lengths.



UP-CDG142A/I

Transmission Rod

Product code: UP-CDG142A/I
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Anti-pick locking point
 Smooth scrolling
 ◆ Mute Transmission



UP-ZCD75

Transmission Rod

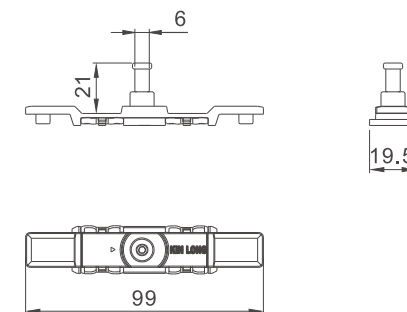
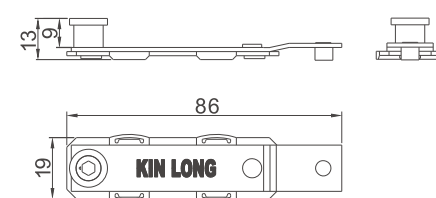
Product code: UP-ZCD75
Product Material: Stainless steel + Zinc alloy
Adaptive window type:
 Casement window
Product Features:
 ◆ High strength



UP-CDG143A

Transmission Rod

Product code: UP-CDG143A
Product Material: Stainless steel
Adaptive window type:
 casement window
Product Features:
 ◆ Anti-pick locking point
 Smooth scrolling
 ◆ Mute Transmission



UP-CDG106AS21

Transmission Rod

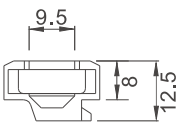
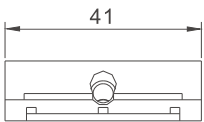
Product code: UP-CDG106AS21
Product Material: Zinc alloy
Adaptive window type:
 Sliding & Air-tight D&W
Product Features:
 ◆ Mute Transmission
 ◆ Rolling Locking Points



Lock block and hook Series

UP-SK46

Anti-Prying Lock block

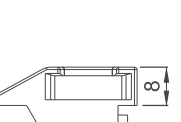
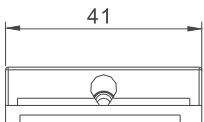


Product code: UP-SK46
Product Material: Zinc alloy
Adaptive window type:
casement window
Turn&Tilt Window
Product Features:
◆ Anti-theft and anti-prying

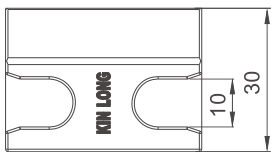


UP-SK46K

Anti-Prying Lock block K-Groove

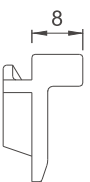
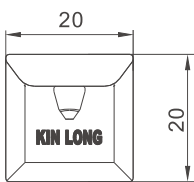
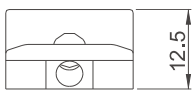


Product code: UP-SK46K
Product Material: Zinc alloy
Adaptive window type:
casement window
Turn&Tilt Window
Product Features:
◆ Anti-theft and anti-prying



UP-SK40

Lock block



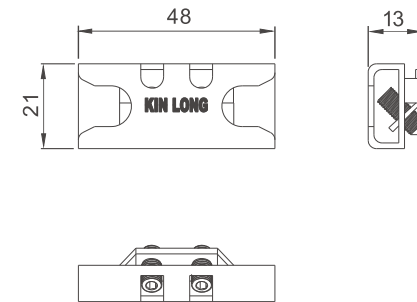
Product code: UP-SK40
Product Material: Zinc alloy
Adaptive window type:
casement window
Turn&Tilt Window
Product Features:
◆ Simple structure and stable performance



UP-SK48A

Anti-Prying Lock block

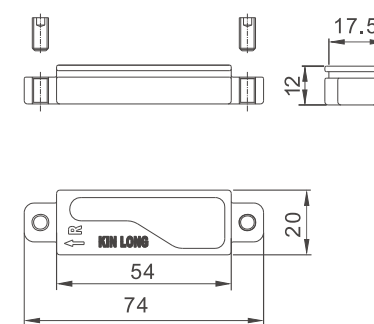
Product code: UP-SK48A
Product Material: Stainless steel
Adaptive window type:
 Open-in casement window
Product Features:
 ♦ Anti-theft and anti-prying



UP-SK58

Anti-Prying Lock block

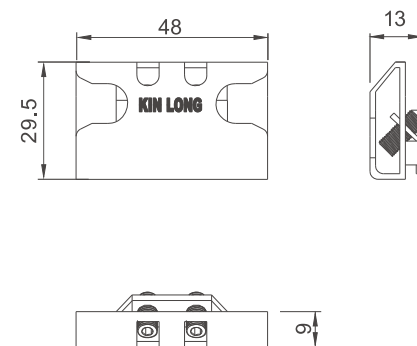
Product code: UP-SK58
Product Material: Zinc alloy
Adaptive window type:
 Sliding & Air-tight D&W
Product Features:
 ♦ Differentiate between right and left
 ♦ Anti-theft and anti-prying



UP-SK48K

Anti-Prying Lock block K-Groove

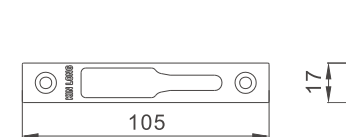
Product code: UP-SK48K
Product Material: Stainless steel
Adaptive window type:
 Open-in casement window
Product Features:
 ♦ Anti-theft and anti-prying



UP-TTL120-04

Anti-Prying Lock block

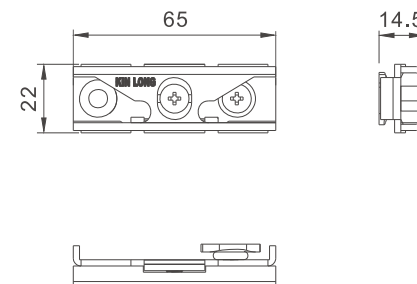
Product code: UP-TTL120-04
Product Material: Stainless steel
Adaptive window type:
 Lifting & Sliding Door
Product Features:
 ♦ Anti-theft and anti-prying



UP-SK49A

Anti-Prying Lock block

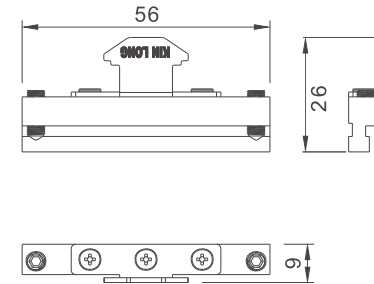
Product code: UP-SK49A
Product Material: Stainless steel
Adaptive window type:
 Sliding Air-tight Window
Product Features:
 ♦ Anti-theft and anti-prying
 ♦ Eccentricity adjustable



UP-TSG100

Hook

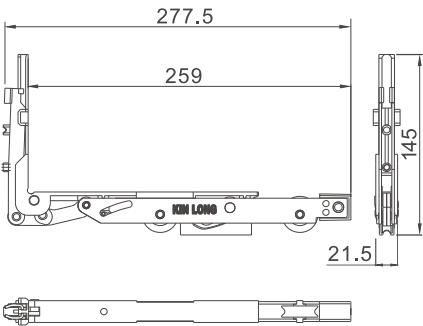
Product code: UP-TSG100
Product Material:
 Stainless steel+Aluminum
Adaptive window type:
 Sliding window
Technical Parameters:
 For use with Bumper Lock UP-TSH100



Roller Series

UP-TTL115-02

Front-roller

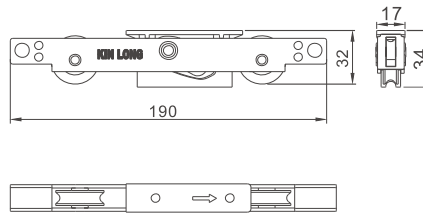


- Product code:** UP-TTL115-02
Product Material: Stainless steel + Zinc alloy
Adaptive window type: Lifting & Sliding Door
Product Features:
◆ High strength
◆ Super wear-resistant
◆ Self-balancing design
◆ Load capacity 150kg



UP-TTL115-03

Back-roller

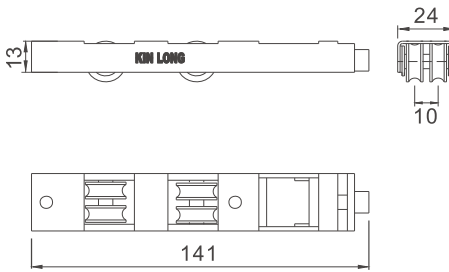


- Product code:** UP-TTL115-03
Product Material: Stainless steel + Zinc alloy
Adaptive window type: Lifting & Sliding Door
Product Features:
◆ High strength
◆ Super wear-resistant
◆ Self-balancing design
◆ Load capacity 150kg



UP-TCL100G13K24

Roller



- Product code:** UP-TCL100G13K24
Product Material: Stainless steel
Adaptive window type: Sliding window
Product Features:
◆ High strength
◆ Super wear-resistant
◆ Self-balancing design
◆ Load capacity 60kg



UP-TCL101G13K24

Roller

Product code: UP-TCL101G13K24

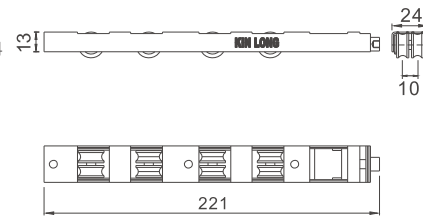
Product Material: Stainless steel

Adaptive window type:

Sliding window

Product Features:

- ◆ High strength
- ◆ Super wear-resistant
- ◆ Self-balancing design
- ◆ Load capacity 100kg



UP-TDL100-01

Guide-roller

Product code: UP-TDL100-01

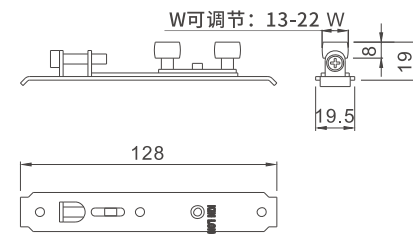
Product Material: Stainless steel

Adaptive window type:

Lifting & Sliding Door

Product Features:

- ◆ High strength
- ◆ large load-bearing
- ◆ Super wear-resistant
- ◆ Good self-balancing
- ◆ Adjustable



UP-TDL100-02

Guide-roller

Product code: UP-TDL100-02

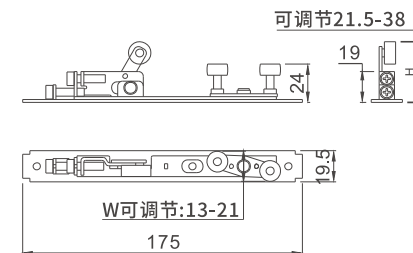
Product Material: Stainless steel

Adaptive window type:

Sliding window

Product Features:

- ◆ High strength
- ◆ large load-bearing
- ◆ Super wear-resistant
- ◆ Good self-balancing
- ◆ Adjustable



UP-TDL100-03

Guide-roller

Product code: UP-TDL100-03

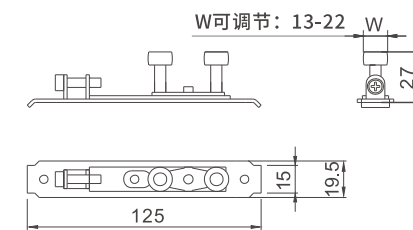
Product Material: Stainless steel

Adaptive window type:

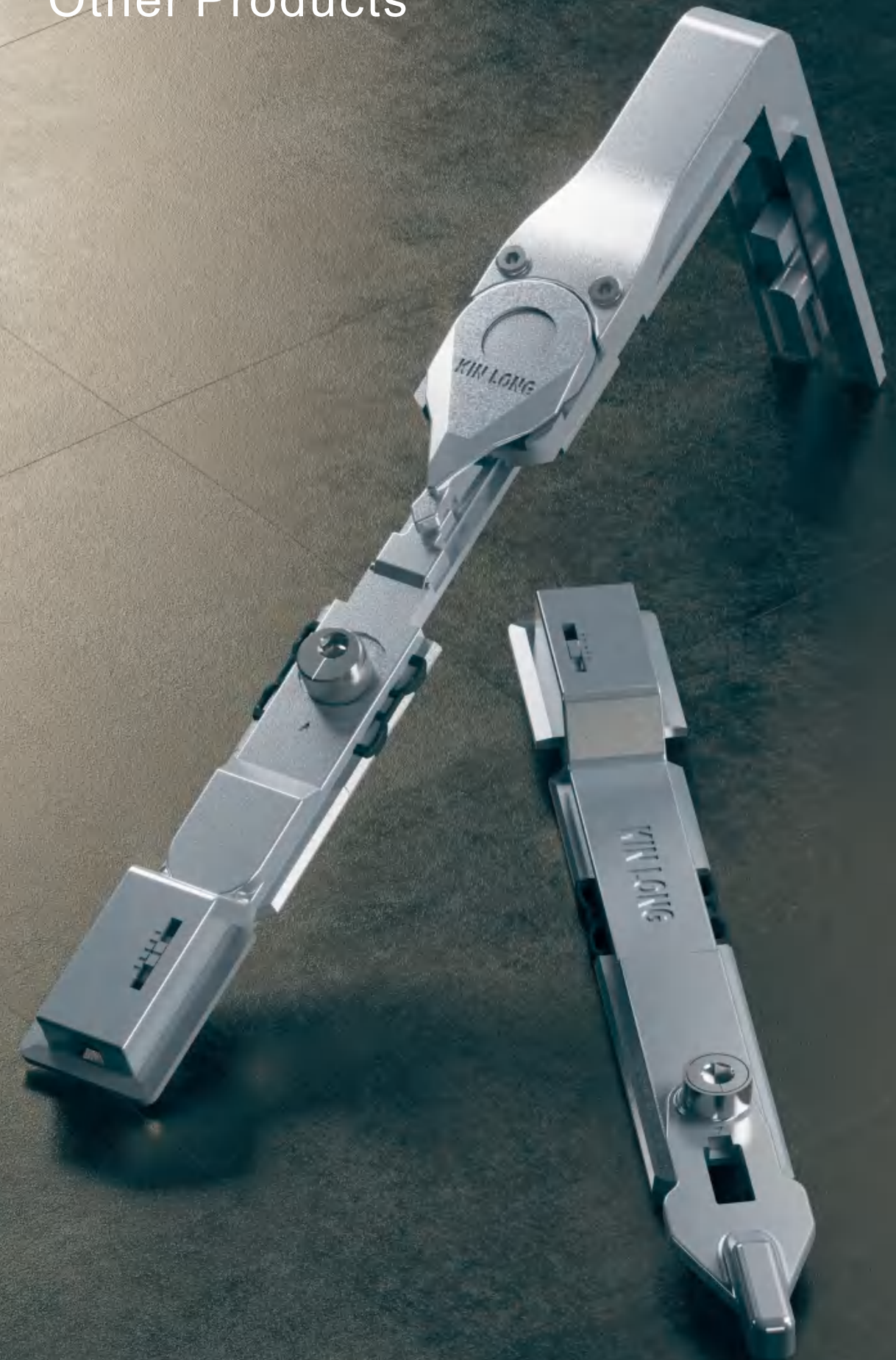
Lifting & Sliding Door

Product Features:

- ◆ High strength
- ◆ large load-bearing
- ◆ Super wear-resistant
- ◆ Good self-balancing
- ◆ Adjustable



Other Products

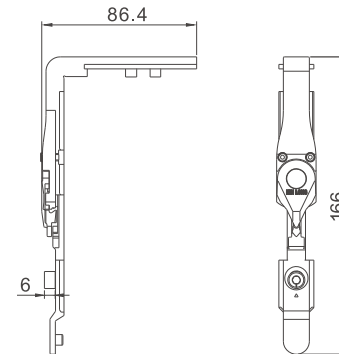


The picture is for reference only, the product shall prevail in kind

UP-ZA103A

Security corner device

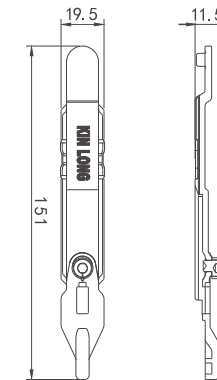
Product code: UP-ZA103A
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Prevents Mis-operation
 ◆ Rolling locking point form



UP-N155

Overturn supporter

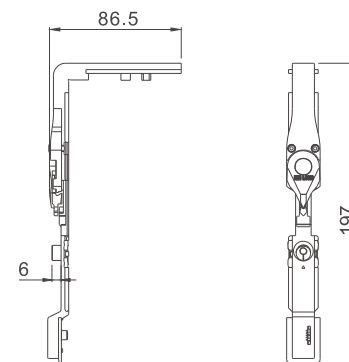
Product code: UP-N155
Product Material: Zinc alloy
Adaptive window type:
 Turn&Tilt Window
Product Features:
 ◆ Rolling locking point form



UP-ZA104A

Security corner device

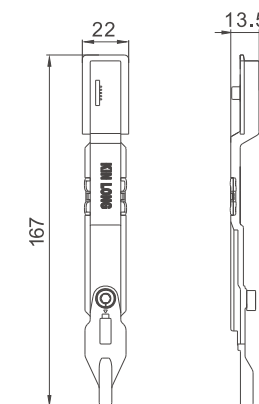
Product code: UP-ZA104A
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Adjustable connection point
 ◆ Prevents Mis-operation
 ◆ Rolling locking point form



UP-N156

Overturn supporter

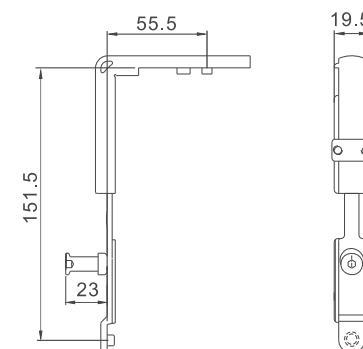
Product code: UP-N156
Product Material: Zinc alloy
Adaptive window type:
 Turn&Tilt Window
Product Features:
 ◆ Adjustable connection point
 ◆ Rolling locking point form



UP-ZCT105A

Security corner device

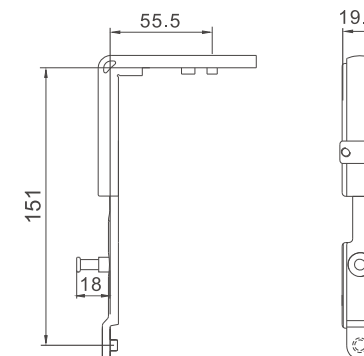
Product code: UP-ZCT105A
Product Material: Zinc alloy
Adaptive window type:
 Sliding Air-tight Window
Product Features:
 ◆ Adjustable locking point



UP-ZCT106A

Security corner device

Product code: UP-ZCT106A
Product Material: Zinc alloy
Adaptive window type:
 Sliding Air-tight Window

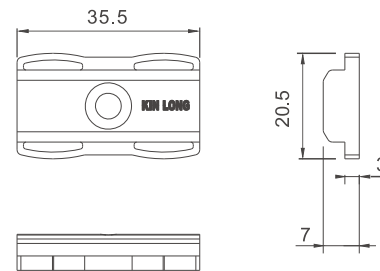


UP-N33A

Cushion block

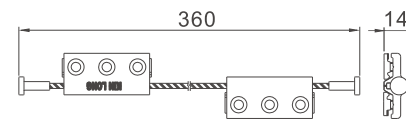


Product code: UP-N33A
Product Material: Nylon
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Expansion preloaded structure



UP-FTQ100A

Safety disengagement preventer



Product code: UP-FTQ100A
Product Material: Stainless steel
Adaptive window type:
 casement window
Product Features:
 ◆ Universal frame fan fixing block

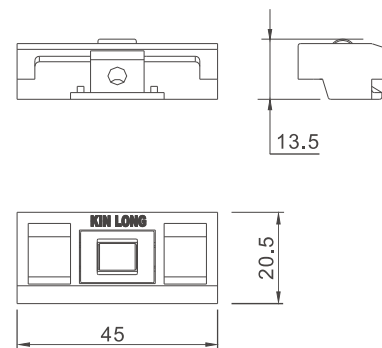


UP-ZCK05

Supporting Block

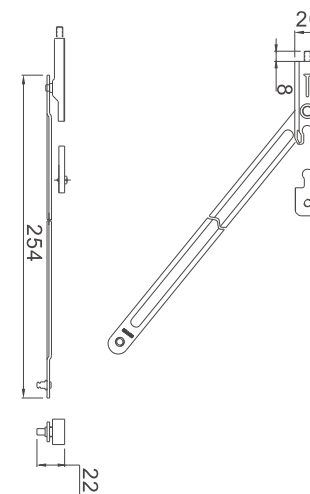


Product code: UP-ZCK05
Product Material: Zinc alloy
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ Brass Roller, Steady lift



UP-PX110

Limiter



Product code: UP-PX110
Product Material: Stainless steel
Adaptive window type:
 casement window
 Turn&Tilt Window
Product Features:
 ◆ 90° flexible positioning

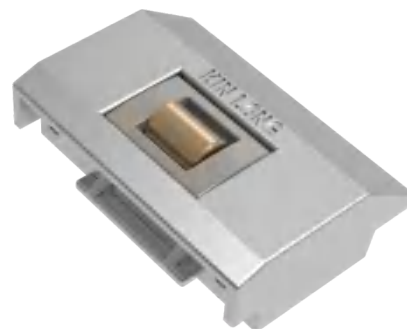


Maximum sash opening angle and minimum window width for hinged windows with concealed hinges.

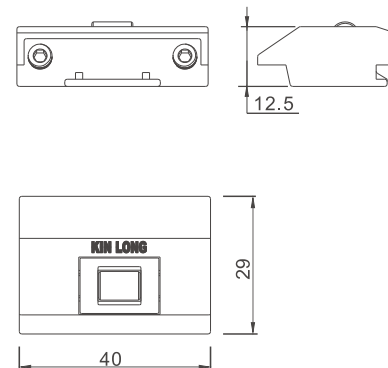
Hinge Model	Open maximum angle/°	Minimum window width/mm
UP-YHE100	90	450
UP-YHE110	90	450
UP-YHE120	90	450
UP-YHDX040	90	450
UP-YHDX140	90	450
UP-YHDX240	90	450

UP-ZCK06K

Supporting Block K-Groove

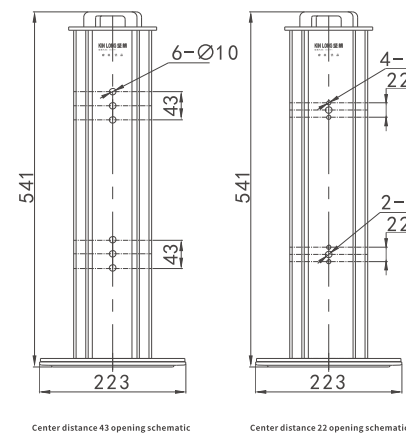


Product code: UP-ZCK06K
Product Material: Zinc alloy
Adaptive window type:
 casement window
Product Features:
 ◆ Brass Roller, Steady lift



UP-XZJ101

Display rack
 (handles not included)



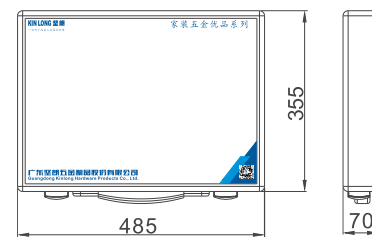
Product code: UP-XZJ101
Product Material: Aluminum
Product Features:
 ◆ Any combination of handles is possible
 ◆ portable
 ◆ 360° rotatable
 ◆ Standard openings can be adapted:
 2 baseless handles
 6 base handles





Display case

Product Material:
Plastics+Aluminum
★**Gambling:**
-K without products

**UP-YPX001**

(Suitable for 90°+180° Turn&Tilt window samples)

UP-YPX001-K

(Suitable for 90°+180° Turn&Tilt window samples)

UP-YPX002

(Suitable for flat samples within 90°+180°)

UP-YPX002-K

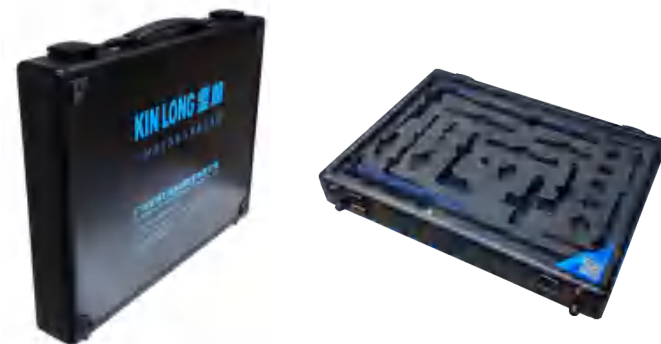
(Suitable for flat samples within 90°+180°)

UP-YPX003

(Sample of applicable screens in one piece)

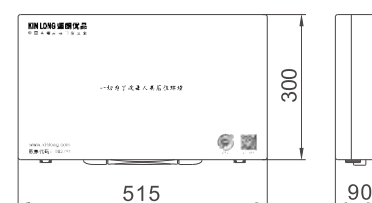
UP-YPX003-K

(Sample of applicable screens in one piece)



Display case

Product Material:
Plastics+Leathers
★**Gambling:**
-K without products

**UP-YPX201-K**

(Suitable for 90°+180° Turn&Tilt window samples)

UP-YPX202-K

(Suitable for flat samples within 90°+180°)

UP-YPX203-K

(Sample of applicable screens in one piece)

UP-YPX204

(Suitable for Double tracks air-tight sliding door and window samples)

UP-YPX205

(Suitable for High bearing capacity air-tight sliding door and window samples)

UP-YPX206

(Sample of large size 90°/180° Turn&Tilt window)



Concealed hinge selection specification

Concealed hinge selection specification

In order to improve the performance and effect of customers on the use of hidden hinges, to avoid the use of the process due to the selection of unreasonable abnormalities, the selection of hidden hinges should meet the requirements:

01 Hinge Load Requirements

◆ Window weights shall meet the requirements of the hinge load bearing instructions in this plan book.

◆ The aspect ratio should be ≤ 1.08 .

(Width and height both refer to the distance from the top of the sash slot to the top of the slot)

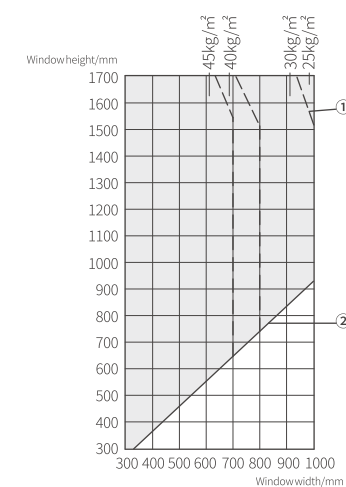


Figure 1: 70kg Class Hinge Load Curves

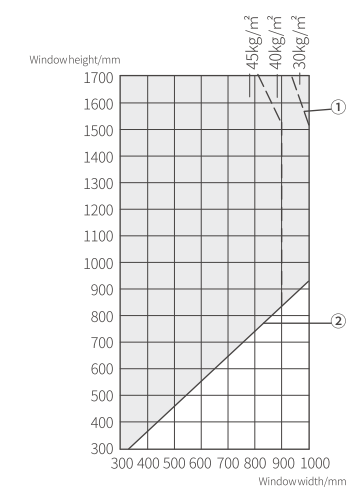


Figure 1: 90kg Class Hinge Load Curves

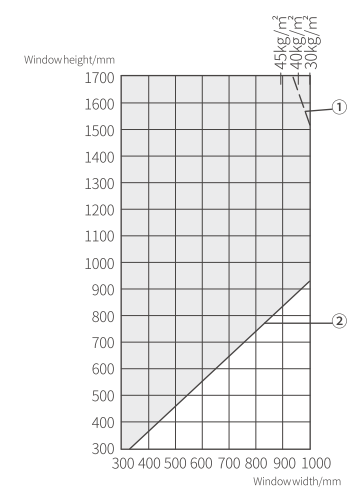




Figure 1: 110kg Class Hinge Load Curves

Glass thickness (mm)	10	12	16	18
Glass weight (kg/m²)	25	30	40	45
1mm Glass thickness $\approx 2.5\text{kg/m}^2$				

 = Configurable

 = Non-configurable

Clarification:

◆ ① It is the weight per square meter of glass (dotted line). In the selection of the fit page, the weight of the glass per square meter, the width and height of the sash should be set to the left of the corresponding dotted line. The weight of glass per square meter, the width and height of the sash should be within the range of the corresponding dotted line to the left of the shaded portion. Shadow part of the left side of the corresponding dotted line.

◆ ② is the ratio of slot width to slot height ≤ 1.08 .

◆ Calculation of total weight of D&W: total weight of doors and windows $Q \approx \text{fan width } B \times \text{fan height } H \times \text{glass thickness } \times \text{glass specific gravity } Y \times \text{profile scale factor}$. glass thickness \times glass specific gravity $Y \times$ profile scale factor.

◆ Calculation of hinge load-bearing moment: hinge load-bearing moment $M(x) = (\text{window weight } G \times \text{fan width})/2$ should be selected within the allowable range.

◆ Test fit verification is recommended before use.

02 Factors affecting hinge opening angle

◆ Check if D&W installed in the project with or without sub-frame, narrow border, frame and fan flush plastering decorative surface thickness and other conditions affect the hinge opening angle.

◆ Specific selection with the page, should be based on the actual profile structure, D&W installation and construction conditions and other use of the environment for the trajectory diagram simulation of the hinge positions for details, please consult our technicians.

◆ Test fit verification is recommended prior to bulk installation and use.

03 Hinge installation use maintenance

◆ Concealed hinge in the actual installation and use of the process, should also pay attention to avoid the impact of cross construction.

◆ For specific hinge installation and maintenance, please follow the Concealed Hinge Product Installation and Maintenance Instructions.



Create Values for the Customers Sincerely and Whole-heartedly

Unique value is created by professionalism, but no future shall be created by speculation.