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* Printed in Jan.,2020.



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for more information

KINLONG For Better Living

KIN LONG
For Better Living

Catalogue For Door and Window Integrated Solution



Catalogue For Door and
Window Integrated Solution



GUANGDONG KIN LONG HARDWARE PRODUCTS CO.,LTD.

No.3 Jianlang Rd, Daping Industrial Zone, Tangxia Town, Dongguan City, China

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

www.kinlong.com

ESTABLISHING BENCHMARK AND PURSUING EXCELLENCE

STOCK CODE: 002791

TO IMPROVE THE HUMAN
BEING'S LIVING CONDITIONS AND
MAKE KIN LONG THE SYNONYM
FOR HIGH-QUALITY.

More than **300,000** ^{m²}
production area.

More than **10,000** employees.

More than **100** countries have been
covered by our sales offices or agencies.

KIN LONG is a professional solution provider with full perspective of construction material engaged in Sales&Service, Production and R&D functions. The company mission is to supply high quality products in construction industry. Nowadays, KIN LONG is a listed company in Shenzhen Stock Exchange Market (Stock Name: KIN LONG Hardware with number of 002791) and delivers its reputable products to China and international market.

KIN LONG has production area more than 300,000m² and employs more than 10,000 staffs. Sales coverage has more than 100 countries.

The company embraces the philosophy of "Unique value can only be created by professionalism, speculation has no future" which has been cultivated to every employee including managers, junior staff and all new recruitments. Through its continuous innovation, KIN LONG nowadays stands on the leading position in domestic and oversea market.

KIN LONG adopts advanced production technology and collaborates with many technical experts and product designers to reinforce its product development and innovation. This guarantees the products standing on the cutting edge position among the competitions, The company has very extensive product portfolios, holding over 700

patents in China and oversea countries. Aiming to provide better solution through expansion of product portfolio and advanced innovation is a strong driver of growth. Products with advanced engineering, elegant aesthetic designs and excellent quality satisfy customer's various criteria and gain their trust and support. KIN LONG has been part of many famous buildings and benchmark projects through its products and service. These buildings and projects are witnessed by KIN LONG staff and become their pride.

Every designer, engineer and company committed in construction industry, KIN LONG is always the most trustworthy and reliable partner.



MAKING PROGRESS AND LEADING THE MARKET BY INNOVATION

KIN LONG KEEPS MAKING PROGRESS BY INNOVATION, BY WHICH WE HAVE OBTAINED RECOGNITION AND HIGH PRAISE FROM STATE DEPARTMENTS, GOVERNMENT UNITS AND ALL SECTORS IN THE SOCIETY, AND WE HAVE GOT MANY ACHIEVEMENTS.

Overseas and domestic authorized valid

patents are **776** items.

In which, patents of invention are

85 items.

We have obtained honors of high-tech product in Guangdong province of

20 items.

Famous brand in Guangdong province

of **2** items.

We took part in the standards compiling

of **194** items.

KIN LONG has overseas and domestic

registered trade mark of **521** items



KIN LONG adheres to the philosophy that Unique value can only be created by professionalism, speculation has no future. Our enterprise core value is to respect 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.

REPRESENTATIVE HONOR

National Science and Technology Progress Award Second Prize

Huaxia Building Science and Technology Award First Prize

China Steel Structure Science and Technology Award First Prize

National Advanced Intellectual Property Enterprises

Remarked as the most influential brand of Jin Xuan award for construction doors, windows and curtain walls industry for two times

National High-Tech Enterprise

Well-known Brand in China

Guangdong Famous Brand

REPRESENTATIVE R & D INNOVATION HONOR

Testing Center is certified by National Accreditation Board for Laboratories

Guangdong Provincial Enterprise Technology Center and Provincial Engineering Center

KIN LONG IS LEADING THE MARKET BY GOOD QUALITY, EXCELLENT SERVICE, SYSTEMATIC SOLUTIONS AND QUICK AND ACCURATE ABILITY TO HAND OVER.



Our Social Responsibility



For more than a decade, KIN LONG has never forgotten to give back to society while developing itself. As of March 2019, more than 40 Hope Primary School have been donated in remote and backward areas, which will build bright classrooms and wide playgrounds for children in remote areas, and even enlighten their desire for knowledge and dreams of life. We hope in the name of love, we can pass the social responsibility and tenderness of KIN LONG to everyone. In the future, we'll continue to donate and build Hope Primary Schools to contribute to our nation's education. Scholarships were set up in South China University of Technology, Chongqing University, Southeast University and other universities to help students.



To Form a Full-chain Comprehensive Advantage




Perfect Service and Quick Response



- Countries with Subsidiaries & Warehouse (UAE / India / Vietnam / Thailand / Malaysia / Philippine / Indonesia / Mexico)
- Sales Office (Hong Kong / Tai Wan / Austria / Russia / Saudi / Iran / Qatar / Kuwait / Egypt / Cambodia / Myanmar / Sri Lanka / Bangladesh / Kazakhstan)

Certificate And Test Report

Nachweis		ift		Nachweis		ift	
Fensterbeschläge für Drehkipp-, Kippdreh- und Drehfenster gemäß Kombinationsprüfung Zertifizierungsprogramm QM 328		ROSENHEIM		Fensterbeschläge für Drehkipp-, Kippdreh- und Drehfenster gemäß Kombinationsprüfung Zertifizierungsprogramm QM 328		ROSENHEIM	
Prüfbericht				Prüfbericht			
Nr. 13-00183-PR01 (PB-G05-03-de-01)				Nr. 13-00183-PR02 (PB-G05-03-de-01)			
Auftraggeber	Guangdong Kinlong Hardware Products Co., Ltd. No. 3, LuCKeng Road, Daping Industrial Zone, Tangxia Town 523722 Dongguan City China	Dovorgelager	Zertifizierungsprogramm - QM 328 Publikationsnr. EN 13126-8: 2006 EN 13127-2: 2002 EN 12204-1: 2002 EN 14505: 2004	Auftraggeber	Guangdong Kinlong Hardware Products Co., Ltd. No. 3, LuCKeng Road, Daping Industrial Zone, Tangxia Town 523722 Dongguan City China	Dovorgelager	Zertifizierungsprogramm - QM 328 Publikationsnr. EN 13126-8: 2006 EN 13127-2: 2002 EN 12204-1: 2002 EN 14505: 2004
Produkt	einfelliges Dreh-Kipp-Fenster	Produkt	einfelliges Dreh-Kipp-Fenster	Produkt	einfelliges Dreh-Kipp-Fenster	Produkt	einfelliges Dreh-Kipp-Fenster
Bezeichnung	NPD200 System	Bezeichnung	SCPX100 System	Bezeichnung	SCPX100 System	Bezeichnung	SCPX100 System
Leistungsmerkmale Produktkennzeichen	Fügelmaß (B x H): 1300 mm x 1200 mm; Rahmenmaterial: Aluminium Fügelgewicht: 90 kg Beschlag: Dreh-Kipp-Beschlag / Guangdong Kinlong Hardware Products Co., Limited Ausführung Bandselle: NPD200, Ausführung Flügelbeschlag: NPD200, Beschreibung der überprüften Bauteile: Beschlagausführung Schwenker / Schwenker: NDH10 Eckank / Eckank: NDH10,	Leistungsmerkmale Produktkennzeichen	Fügelmaß (B x H): 1300 mm x 1200 mm; Rahmenmaterial: Aluminium Fügelgewicht: 90 kg Beschlag: Dreh-Kipp-Beschlag / Guangdong Kinlong Hardware Products Co., Limited Ausführung Bandselle: SCPX100, Ausführung Flügelbeschlag: SCPX100, Beschreibung der überprüften Bauteile: Beschlagausführung A Schwenker / Schwenker: PHYSN002, Eckank / Eckank: PHYNR009	Leistungsmerkmale Produktkennzeichen	Fügelmaß (B x H): 1300 mm x 1200 mm; Rahmenmaterial: PVC Fügelgewicht: 90 kg, Beschlag: Dreh-Kipp-Beschlag / Guangdong Kinlong Hardware Products Co., Limited Ausführung Bandselle: SCPX100, Ausführung Flügelbeschlag: SCPX100, Beschreibung der überprüften Bauteile: Beschlagausführung A Schwenker / Schwenker: PHYSN002, Eckank / Eckank: PHYNR009	Leistungsmerkmale Produktkennzeichen	Fügelmaß (B x H): 1300 mm x 1200 mm; Rahmenmaterial: PVC Fügelgewicht: 90 kg, Beschlag: Dreh-Kipp-Beschlag / Guangdong Kinlong Hardware Products Co., Limited Ausführung Bandselle: SCPX100, Ausführung Flügelbeschlag: SCPX100, Beschreibung der überprüften Bauteile: Beschlagausführung A Schwenker / Schwenker: PHYSN002, Eckank / Eckank: PHYNR009
Besonderheiten	-	Besonderheiten	-	Besonderheiten	-	Besonderheiten	-
Ergaben	Dauerfunktion - Kombinationsprüfung nach EN 13126-8: 2006 und EN 1191:2012 laut QM 328, Anlage 2  Anforderung erfüllt  Bedienungskräfte nach EN 13115:2001  Klasse 2	Ergaben	Dauerfunktion - Kombinationsprüfung nach EN 13126-8: 2006 und EN 1191:2012 laut QM 328, Anlage 2  Anforderung erfüllt  Bedienungskräfte nach EN 13115:2001  Klasse 2	Ergaben	Dauerfunktion - Kombinationsprüfung nach EN 13126-8: 2006 und EN 1191:2012 laut QM 328, Anlage 2  Anforderung erfüllt  Bedienungskräfte nach EN 13115:2001  Klasse 2	Ergaben	Dauerfunktion - Kombinationsprüfung nach EN 13126-8: 2006 und EN 1191:2012 laut QM 328, Anlage 2  Anforderung erfüllt  Bedienungskräfte nach EN 13115:2001  Klasse 2
ift Rosenheim 05.11.2015	  Konrad Quernagel, Dipl.-Ing. (FH) Prüfbedienleiter Sicherheitsbeobachter	ift Rosenheim 05.11.2015	  Konrad Quernagel, Dipl.-Ing. (FH) Prüfbedienleiter Sicherheitsbeobachter	ift Rosenheim 05.11.2015	  Konrad Quernagel, Dipl.-Ing. (FH) Prüfbedienleiter Sicherheitsbeobachter	ift Rosenheim 05.11.2015	  Konrad Quernagel, Dipl.-Ing. (FH) Prüfbedienleiter Sicherheitsbeobachter
# Rosenheim - Einzel Dauerfunktion - QM 328 Prüfung und Kabinettprüfung - EN 13126-8: 2006 Prüfung und Kabinettprüfung - EN 13127-2: 2002 Prüfung und Kabinettprüfung - EN 12204-1: 2002 Prüfung und Kabinettprüfung - EN 14505: 2004	# Rosenheim - Einzel Dauerfunktion - QM 328 Prüfung und Kabinettprüfung - EN 13126-8: 2006 Prüfung und Kabinettprüfung - EN 13127-2: 2002 Prüfung und Kabinettprüfung - EN 12204-1: 2002 Prüfung und Kabinettprüfung - EN 14505: 2004	# Rosenheim - Einzel Dauerfunktion - QM 328 Prüfung und Kabinettprüfung - EN 13126-8: 2006 Prüfung und Kabinettprüfung - EN 13127-2: 2002 Prüfung und Kabinettprüfung - EN 12204-1: 2002 Prüfung und Kabinettprüfung - EN 14505: 2004	# Rosenheim - Einzel Dauerfunktion - QM 328 Prüfung und Kabinettprüfung - EN 13126-8: 2006 Prüfung und Kabinettprüfung - EN 13127-2: 2002 Prüfung und Kabinettprüfung - EN 12204-1: 2002 Prüfung und Kabinettprüfung - EN 14505: 2004				

Test Report No. 7191192818-MEC18-01-DL dated 8 Oct 2018		Test Report No. 7191192818-MEC18-01-DL dated 8 Oct 2018	
 TÜV SÜD Singapore		 TÜV SÜD Singapore	
<small>Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD Pte Ltd. In addition, this report is governed by the terms specified within this report.</small>		<small>Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD Pte Ltd. In addition, this report is governed by the terms specified within this report.</small>	
SUBJECT: Endurance test (50,000 cycles) and operation load test of 14 inch stainless steel friction stay affixed to aluminium casement window system.		SUBJECT: Endurance test (50,000 cycles) and operation load test of 16 inch stainless steel friction stay affixed to aluminium latching window system.	
TESTED FOR: Guangdong Kin Long Hardware Products Co. Ltd. No. 3 Jian Lang Road Daping, Tangxia Town Dongguan City 523722 Guangdong Attn: Ms. Lam Kai Tang		TESTED FOR: Guangdong Kin Long Hardware Products Co. Ltd. No. 3 Jian Lang Road Daping, Tangxia Town Dongguan City 523722 Guangdong Attn: Ms. Lam Kai Tang	
TEST METHOD: SS 212 : 2007 Specification for aluminium alloy windows Clause 10.2.2.1.1 & 10.2.2.1.2 - Ease of fastener operation Clause 10.2.2.2 - Ease of movement of sash Clause 10.2.2.3.2 - Release of jammed sash Clause 10.2.2.4 - Release of jammed hinge Clause 10.2.2.5 - Strength of maximum opening stops Clause 10.2.2.6.1 - Resistance to accidental loading Clause 10.2.2.7 - Endurance of fastener/hardware		TEST METHOD: SS 212 : 2007 Specification for aluminium alloy windows Clause 10.2.2.1.1 & 10.2.2.1.2 - Ease of fastener operation Clause 10.2.2.2 - Ease of movement of sash Clause 10.2.2.3.2 - Release of jammed sash Clause 10.2.2.4 - Release of jammed hinge Clause 10.2.2.5 - Strength of restricted opening stops Adopted from SS 212 : 2007 Specification for aluminium alloy windows Clause 10.2.2.7 - Endurance of fastener/hardware	
DESCRIPTION OF SAMPLE: One aluminium casement window system consisting of one casement was installed onto the test rig for endurance test and operation load test.		DESCRIPTION OF SAMPLE: One aluminium latching window system consisting of one latching was installed onto the test rig for endurance test and operation load test.	
Overall size : 600 mm (width) X 1400 mm (height) Size of casement sash : 563 mm (width) X 1363 mm (height) Weight of casement sash : 10 kg Maximum opening of window : 90 degree Length of handle : 120 mm Brand / Model of 14 inch friction stay : KIN LONG / HC400A-14"		Overall size : 800 mm (width) X 1200 mm (height) Size of latching sash : 800 mm (width) X 1200 mm (height) Weight of latching sash : 15 kg Restricted opening of window : 30 degree Length of handle : 120 mm Brand / Model of 16 inch friction stay : KIN LONG / FJ600A-16"	
DRAWING SUBMITTED: 1 sheet of friction stay drawing 1 sheet of window drawing		DRAWING SUBMITTED: 1 sheet of friction stay drawing 1 sheet of window drawing	
DATE OF SAMPLE RECEIVED: 05 Jun 2018		DATE OF SAMPLE RECEIVED: 05 Jun 2018	
DATE OF TEST: 6 Sep 2018 to 18 Sep 2018 – endurance test 9 Oct 2018 – operation load test		DATE OF TEST: 11 Sep 2018 to 22 Sep 2018 – endurance test 9 Oct 2018 – operation load test	
 TÜV SÜD Pte Ltd	 RSG-MIRA SAC-SINGAPORE	 TÜV SÜD Pte Ltd	 RSG-MIRA SAC-SINGAPORE
<small>Our clients' personal data has been processed in accordance with the provisions of the Personal Data Protection Act (PDPA) and the relevant regulations issued by the Information Commissioner. No Report can be provided as the SAC-SINGAPORE Accredited Laboratory is not responsible for the data.</small>		<small>The clients' personal data has been processed in accordance with the provisions of the Personal Data Protection Act (PDPA) and the relevant regulations issued by the Information Commissioner. No Report can be provided as the SAC-SINGAPORE Accredited Laboratory is not responsible for the data.</small>	
Laboratory: 100-020, PULVERBERG, Ltd. No. 1 Science Park Drive, #02-01 Singapore 639021		Phone: +65-6855 1375 Fax: +65-6855 1422 E-mail: reservations@tuv-sud.sg Web: www.tuv-sud.sg Tel. Reg. 199226-39	Regional Head Office: TÜV SÜD AG, Pöhlstr. 118 53556 Langerath, Germany Tel. Reg. 14271

Certificate And Test Report

Test Report No. 7191192818-MEC18-02-DL
dated 9 Oct 2018

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSE (the "GTS"). In addition, this report is governed by the terms set out within this report.

PSE Singapore

Add value.
Improve trust.

SUBJECT: Endurance test (50,000 cycles) of multi-point (2-point) lock handle affixed to the casement window system.

TESTED FOR: Guangdong Kin Long Hardware Products Co. Ltd.
No. 3 Jian Lang Road
Daping, Tangxia Town
Dongguan City
523722 Guangdong
Attn: Ms. Lam Kit Teng

TEST METHOD: Adopted from BS 6462 : 1985, Clause 5.2.3 - Resistance to wear.
The handle was operated (lock & unlock) up to 50,000 cycles at a rate of not more than one complete cycle per 10 seconds.
(See Figure 1 on page 3 for the test set-up).

DESCRIPTION OF SAMPLE:

One aluminium casement window system consisting of one casement was installed onto the test rig for the handle endurance test.

Overall size	600 mm (width) X 1400 mm (height)
Size of casement sash	563 mm (width) X 1363 mm (height)
Weight of casement sash	10 kg
Maximum opening of window	90 degree
Length of handle	120 mm
Brand / Model of multi-point lock handle	KIN LONG / CZS308

DRAWING SUBMITTED: 1 sheet of window handle drawing
1 sheet of window drawing

DATE OF SAMPLE RECEIVED: 05 Jun 2018

DATE OF TEST: 20 Sep 2018 to 25 Sep 2018

Handwritten signature

Test Report No. 7191192818-MEC18-02-DL
dated 9 Oct 2018

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSE (the "GTS"). In addition, this report is governed by the terms set out within this report.

PSE Singapore

Add value.
Improve trust.

SUBJECT: Endurance test (50,000 cycles) of multi-point (2-point) lock handle affixed to the topping window system.

TESTED FOR: Guangdong Kin Long Hardware Products Co. Ltd.
No. 3 Jian Lang Road
Daping, Tangxia Town
Dongguan City
523722 Guangdong
Attn: Ms. Lam Kit Teng

TEST METHOD: Adopted from BS 6462 : 1985, Clause 5.2.3 - Resistance to wear.
The handle was operated (lock & unlock) up to 50,000 cycles at a rate of not more than one complete cycle per 10 seconds.
(See Figure 1 on page 3 for the test set-up).

DESCRIPTION OF SAMPLE:

One aluminium topping window system consisting of one topping was installed onto the test rig for the handle endurance test.

Overall size	600 mm (width) X 1200 mm (height)
Size of topping sash	600 mm (width) X 1200 mm (height)
Weight of topping sash	15 kg
Restricted opening of window	30 degree
Length of handle	120 mm
Brand / Model of multi-point lock handle	KIN LONG / CZS619

DRAWING SUBMITTED: 1 sheet of window handle drawing
1 sheet of window drawing

DATE OF SAMPLE RECEIVED: 06 Jun 2018

DATE OF TEST: 24 Sep 2018 to 29 Sep 2018

Laboratory:
TÜV SÜD PSE (P) Ltd.

Phone: +65-6462 1111
Fax: +65-6778 8979

Regional Head Office:
TÜV SÜD Asia Pacific Inc. Ltd.

Handwritten signature

中国认可
检测 No: GL17060040
TESTING
CNAS L1135

TEST REPORT

NAME OF SAMPLE: EPDM gaskets for doors, windows

CLIENT: NINGBO NEWANTON SEAL HEAT
INSULATING SYSTEM CO.,LTD

CLASSIFICATION OF TEST: Commission

The Quality Supervision and Inspection Center of Synthetic Material
Ageing of Chemical Industry

SDS No. 20190103083

Experts on International Rules&Regulations for Training, Packing, Storage&Transport of Hazardous Goods
Dangerous Goods Management(China) Ltd.

Material Safety Data Sheet

Product name: **Silicone Sealant**

Manufacturer or
Supplier: Guangdong Kin Long Hardware Products Co., Ltd.

MSDS preparation by DGM China
Web: www.dgmchina.com.cn

Production and Equipment



KINLONG Laboratory



Office Building and Workshop



Showroom

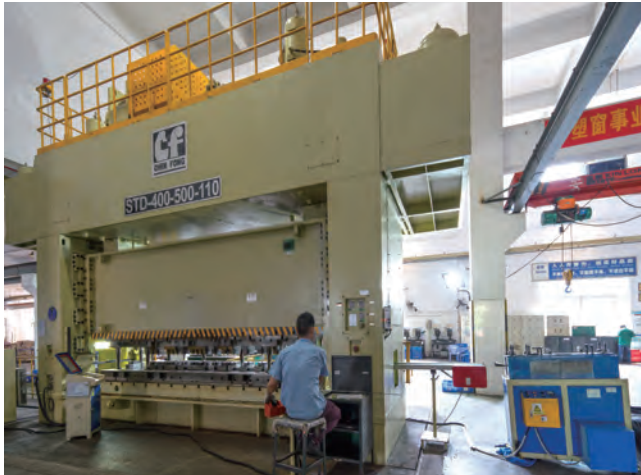


Training Room



Automatic Operation with Manual Inspection

Production and Equipment



400T Punch Press



Automatic Assemble Machine of Roller



Automatic Assemble Machine of Handle



Automatic Polishing System



Injection Molding Machine



Central Furnace System of Alu Alloy and Zinc Alloy

Office Building



Apartment, Villa



Airport、Hospital

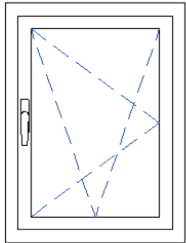


Complex

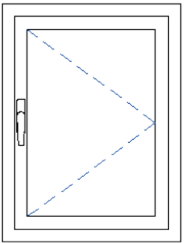




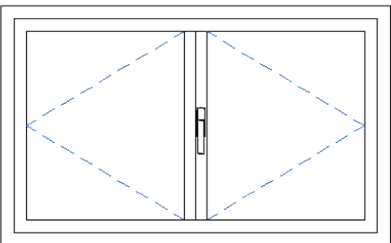
Available Window And Door System



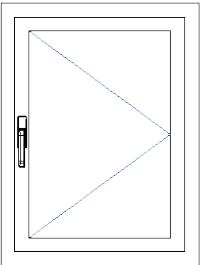
Turn-and-tilt window
tilt-and-turn window



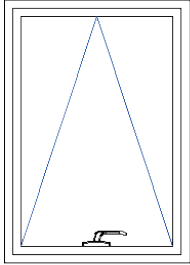
Open-in window
open-in door



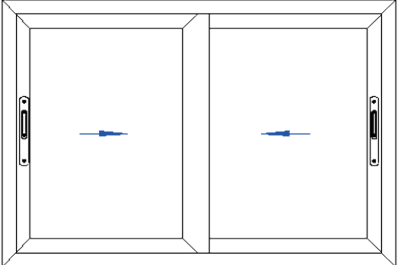
Double Leaf Window With False Mullion
Double Leaf Door With False Mullion



Open-out window
Open-out door



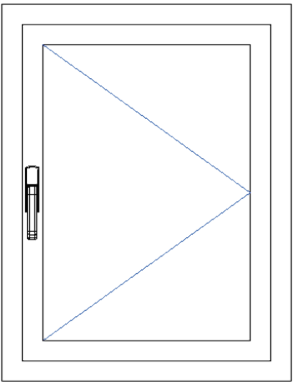
Top-hung Window



Sliding Window
Sliding Door

LEADING THE MARKET BY INTEGRATE SUPPLY AND SYSTEMATIC SOLUTION

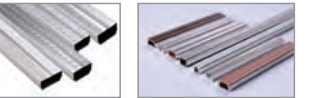
Open-out window



Hardware



Spacer



Gasket



Fastening



PU Foam



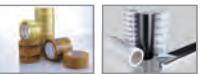
Corner Key Adhesive



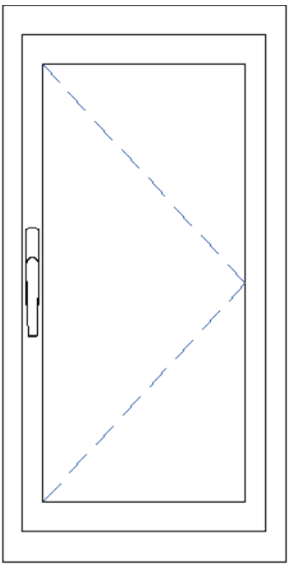
Silicone Sealant



Tape



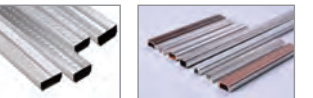
Open-in door



Hardware



Spacer



Gasket



Fastening



PU Foam



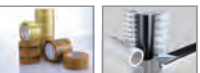
Corner Key Adhesive



Silicone Sealant

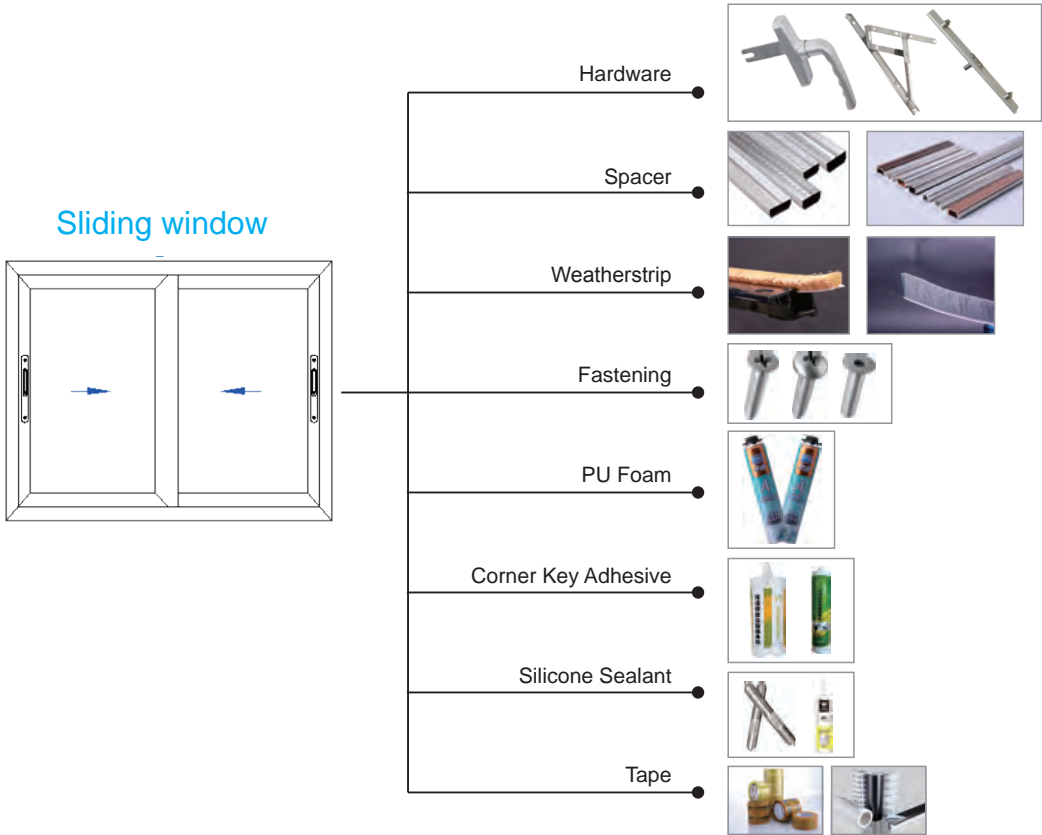


Tape

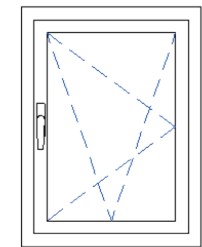




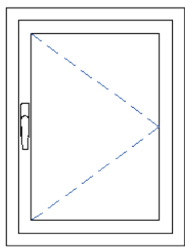
COMPLETE PRODUCT STRUCTURE, GOOD QUALITY,
QUICK AND ACCURATE ABILITY TO HAND OVER



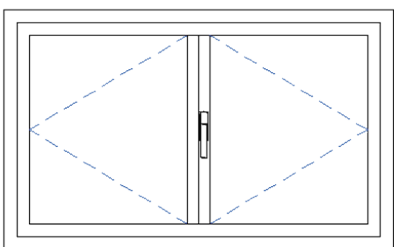
Available Window And Door System



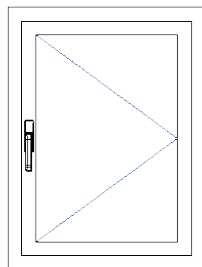
Turn-and-tilt window
tilt-and-turn window



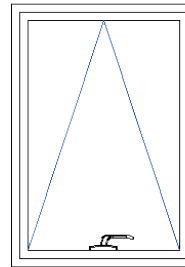
Open-in window
open-in door



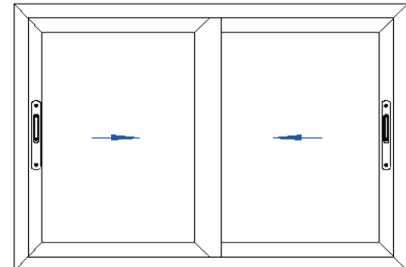
Double Leaf Window With False Mullion
Double Leaf Door With False Mullion



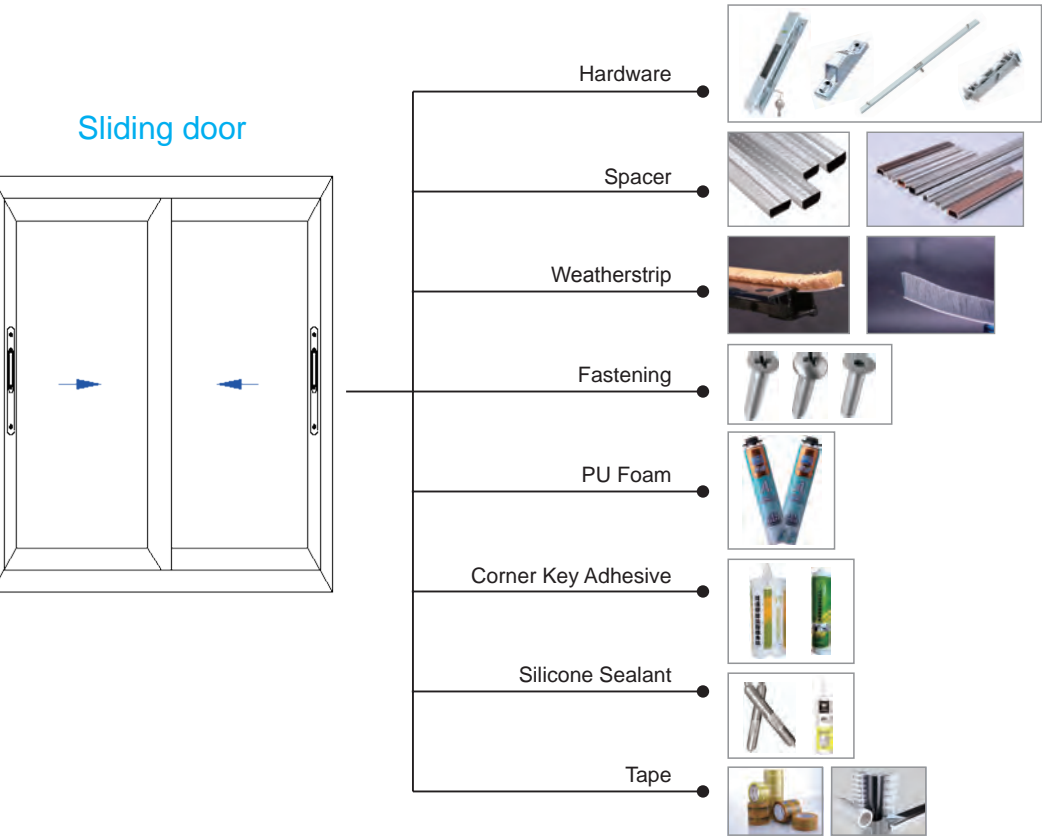
Open-out window
Open-out door



Top-hung Window

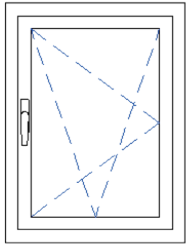


Sliding WindowSliding Door

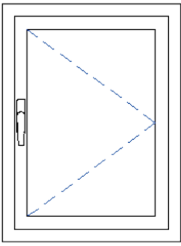




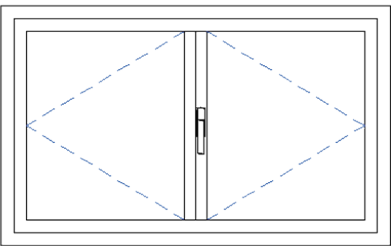
Available Window And Door System



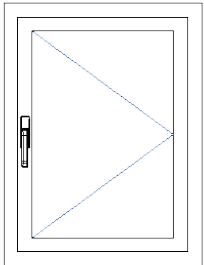
Turn-and-tilt window
tilt-and-turn window



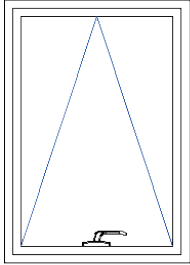
Open-in window
open-in door



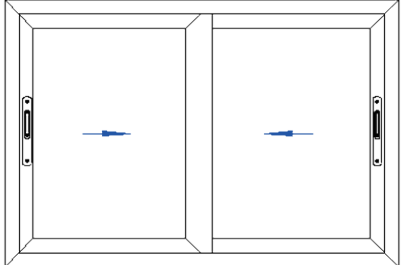
Double Leaf Window With False Mullion
Double Leaf Door With False Mullion



Open-out window
Open-out door



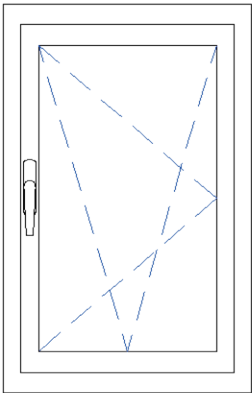
Top-hung Window



Sliding Window
Sliding Door

GUARANTEE IN INTEGRATE SUPPLY, SUPPORTING SERVICES AND ONE-STOP SOLUTION

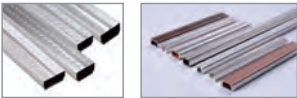
Turn-and-tilt window



Hardware



Spacer



Gasket



Fastening



PU Foam



Corner Key Adhesive



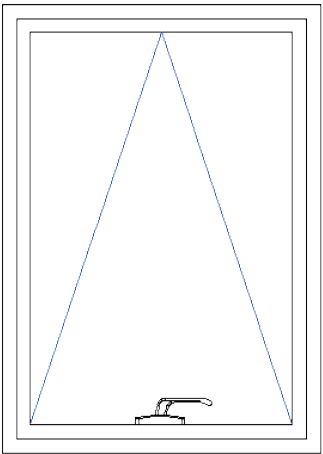
Silicone Sealant



Tape



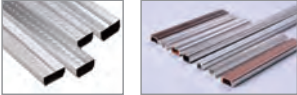
Top-hung window



Hardware



Spacer



Gasket



Fastening



PU Foam



Corner Key Adhesive



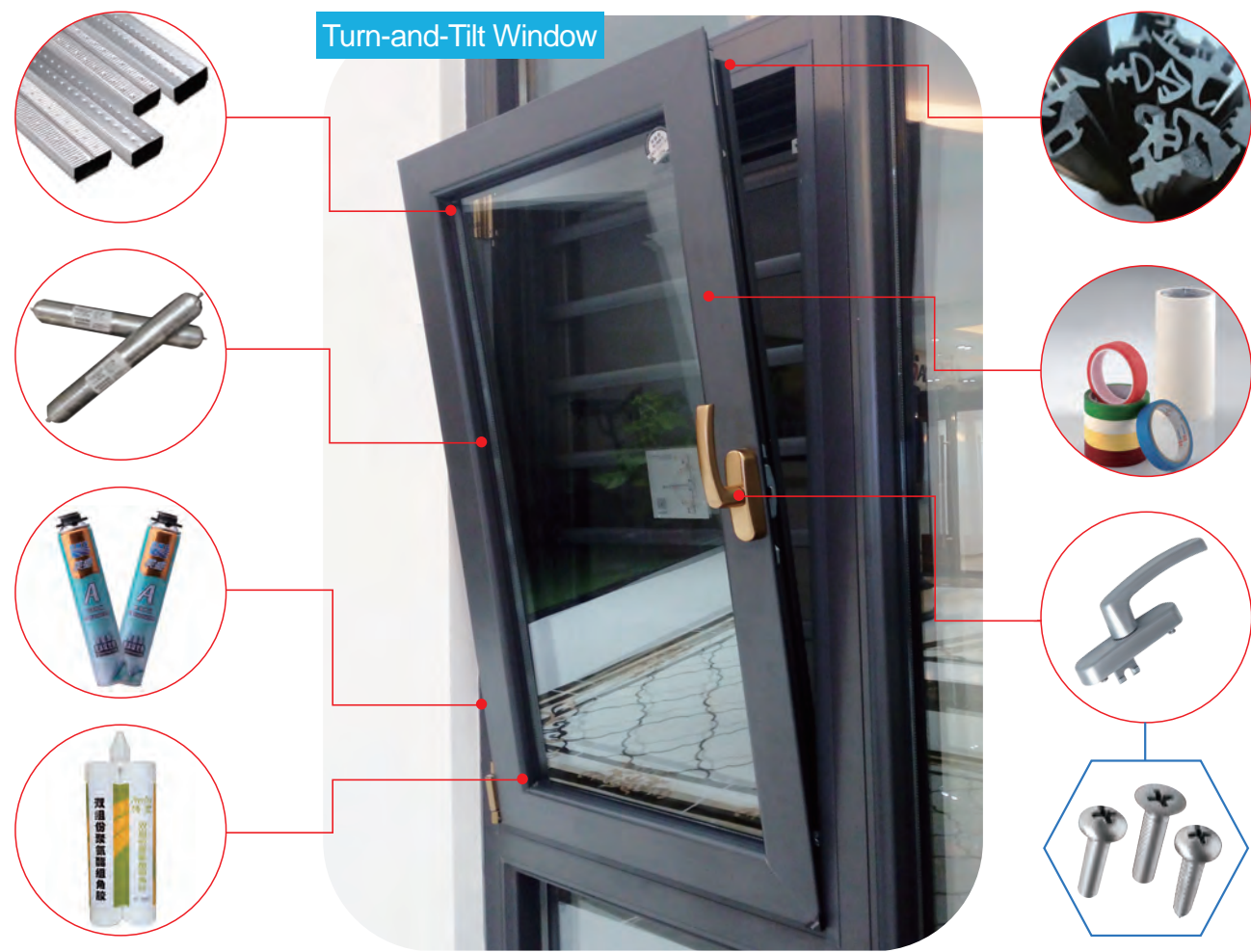
Silicone Sealant



Tape



INTEGRATE SUPPLY EXPERT



LEADING THE MARKET BY INTEGRATE SUPPLY AND SYSTEMATIC SOLUTION

Complete product structure
Guarantee the integrated supply, supporting services and one-stop solution



- Satisfactory Procurement
- Satisfactory Management
- Satisfactory Service

Content

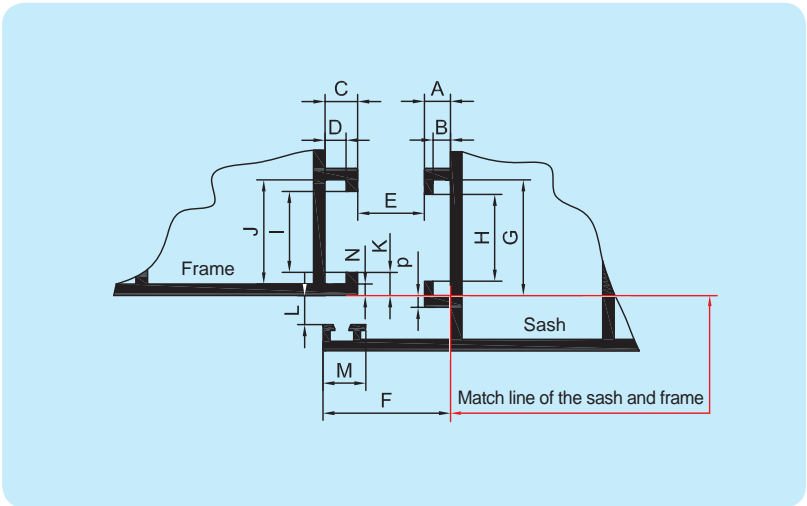
1、 Aluminum Door and Window Hardware	1
2、 UPVC Door and Window Hardware	27
3、 Gasket Product	45
4、 Weatherstrip Product	57
5、 Fastening Product	65
6、 Spacer Product	77
7、 Building Sealant Product	83
8、 Construction Tape Product	91
9、 Mesh Product	97
10、 Door And Window Tool Product	111

Aluminum Door and Window Hardware



Designing requirements for notch of profile to match with hardware

1. Standard 20C groove profile for open-in side hung, Turn-and-Tilt window
Note: All sizes are after surface treatment (like electrophoresis, spay coating etc.)

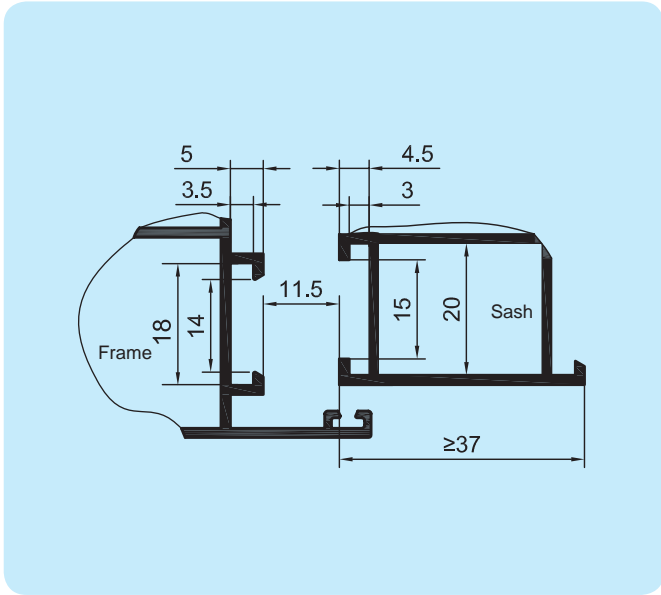


◆Note

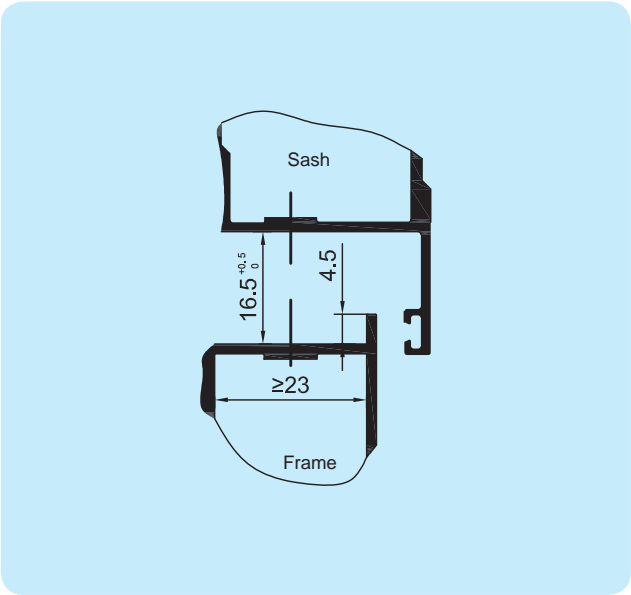
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
4.5	3	5	3	11.5	22	$20^{+0.3}_{-0.1}$	$15^{+0.3}_{-0.1}$	$14^{+0.3}_{-0.1}$	$18^{+0.3}_{-0.1}$	4	5	7.5	2	2

2. Standard 20C Groove profile for open-out window

dimensions for profile to match with lock block and transmitters

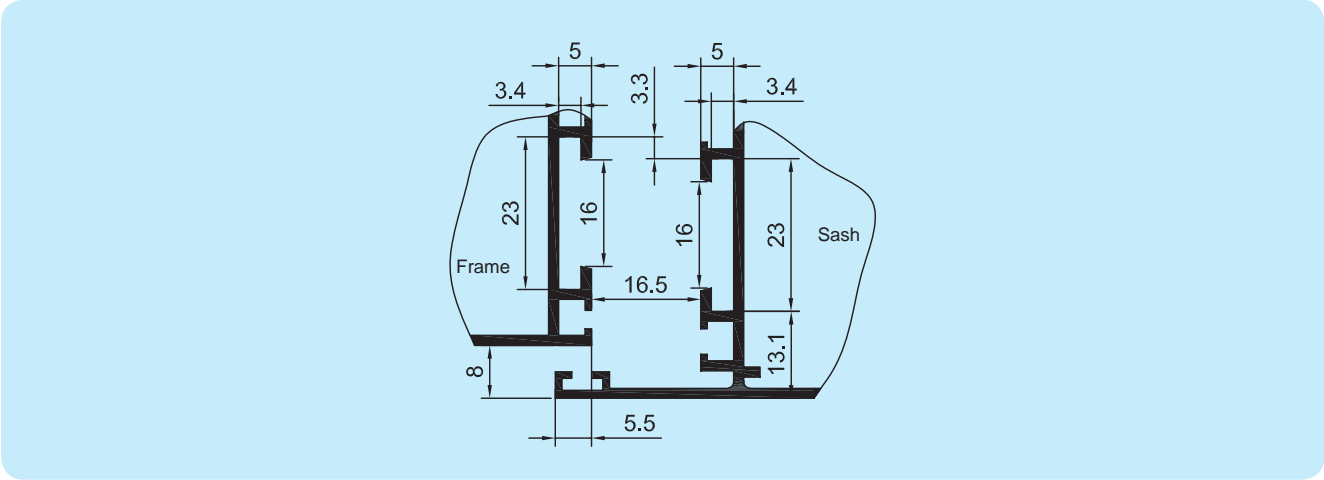


dimensions for profile to match with friction stay

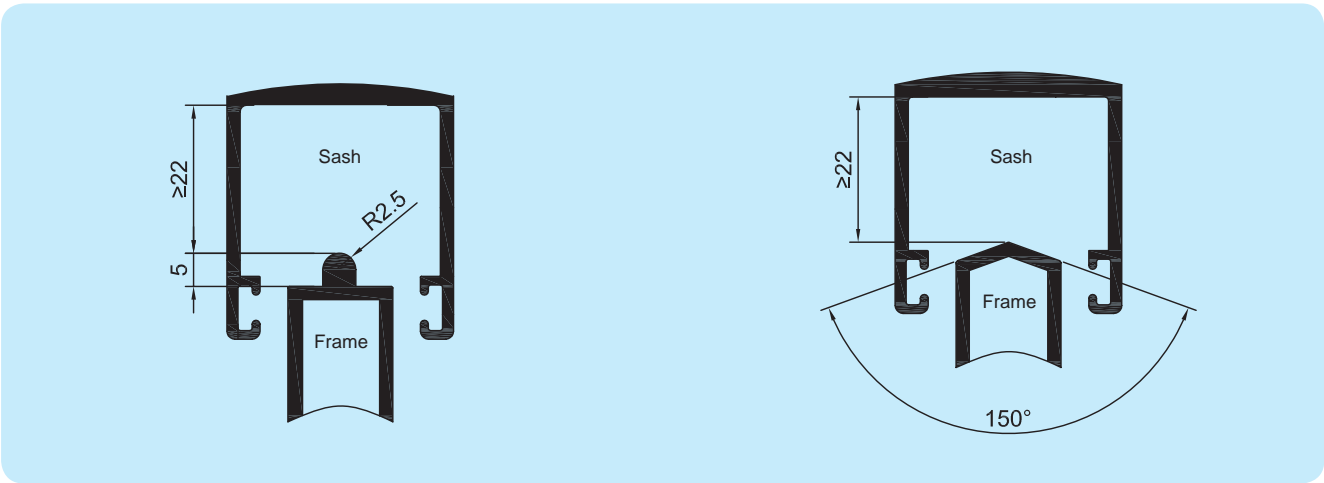


Designing requirements for notch of profile to match with hardware

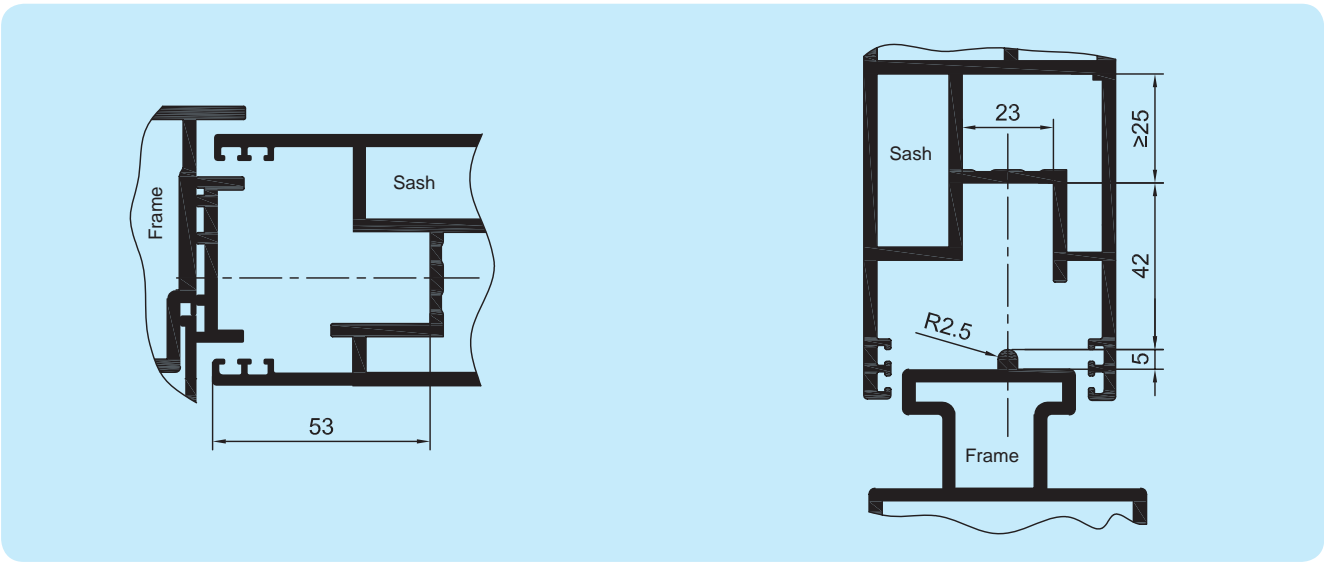
3. Standard 23C Groove window profile



4. Standard sliding window&door profile

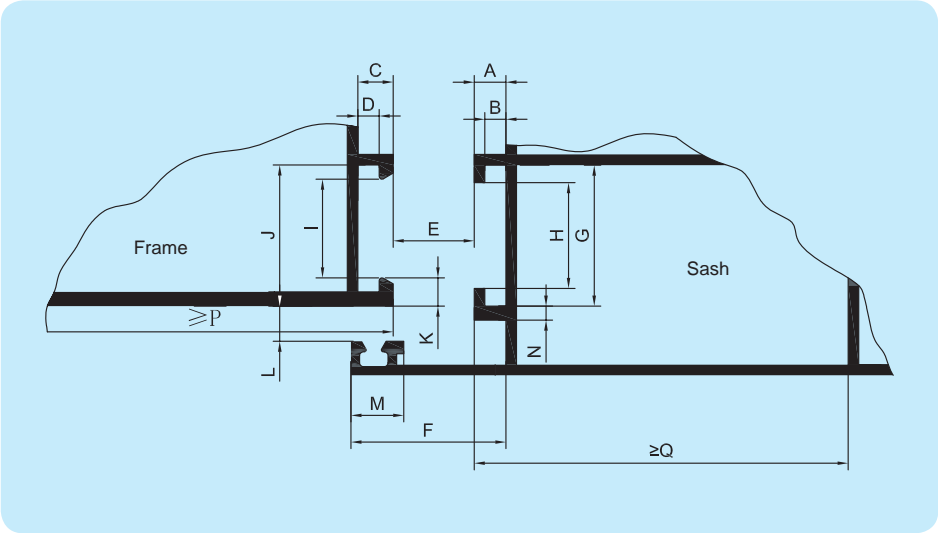


5. Standard lift-sliding door profile



Designing requirements for notch of profile to match with hardware

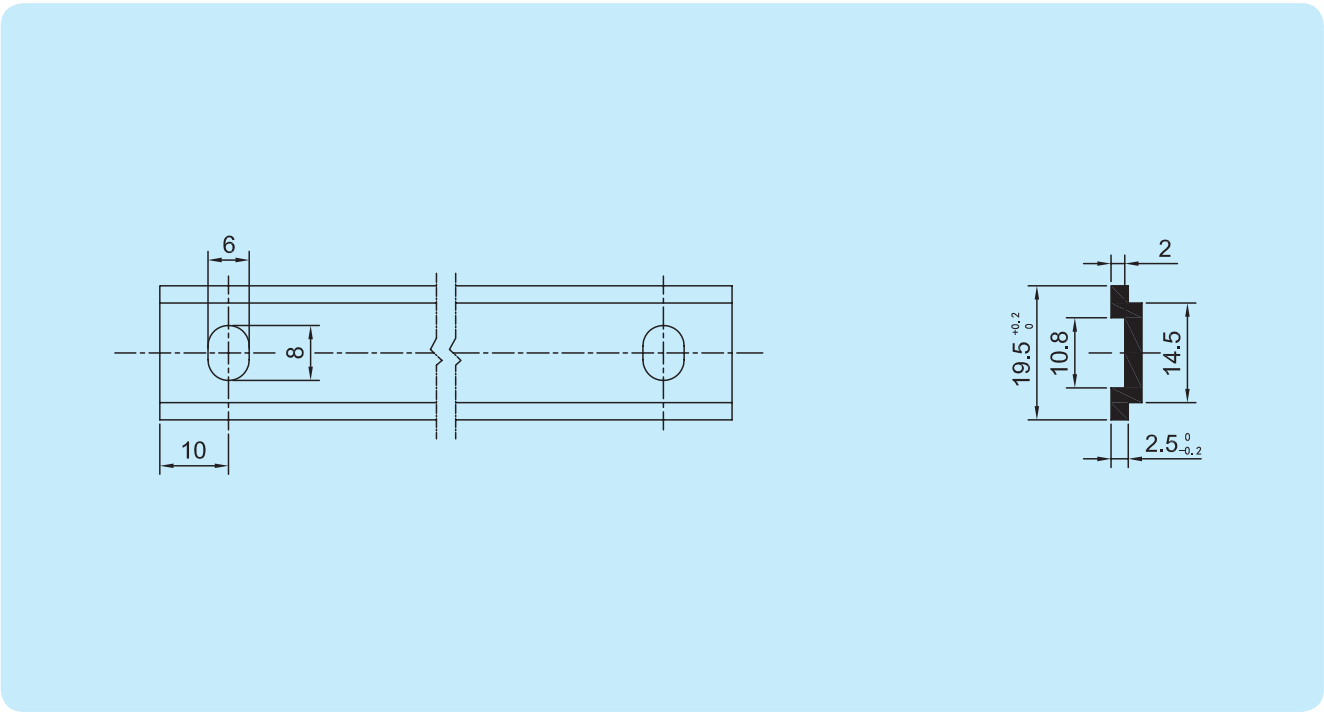
6. Standard 20C Groove window profile for side hung door



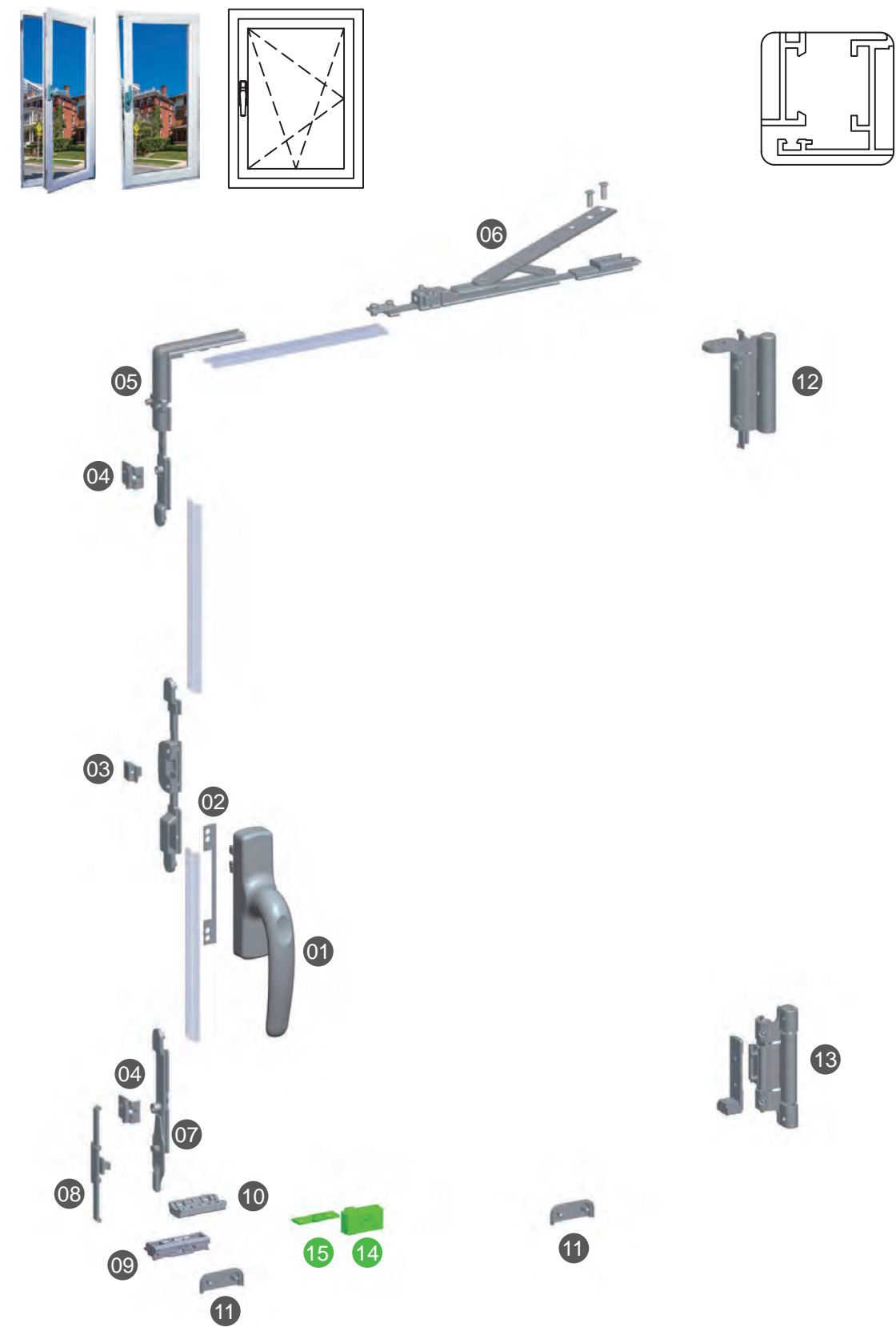
♦Note

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

7. Transmitter dimentions to match with standard 20C profile for side hung door&window



1-1 NPD100 Series Turn-and-Tilt Window with Multi-Point Lock on 2 sides
(Industry recommendatory series)



Hardware Configuration for NPD100 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	CZS08	1	Optional ①
02	Loose Preventer	FSP10	1	
03	Misuse Transmission Rod	FWG10	1	Include small locking plate
04	Locking Plate	ZA1-6A	2	②
05	Corner Device	ZA1	1	
06	Small Connector Rod	LG11	1	③
07	Overturn Supporter	N50	1	
08	Disengagement Preventer	N31	1	
09	Supporting Block	LN54	1	
10	Cushion Block	N33	1	
11	Water Cap	FSG-01	2	
12	Upper Pivot Hinge	NDHA10	1	Left&Right ④
13	Bottom Pivot Hinge	NDHB10A	1	
14	Safety Device	AQS10	1	⑤
15	Locking Plate	SK29	1	

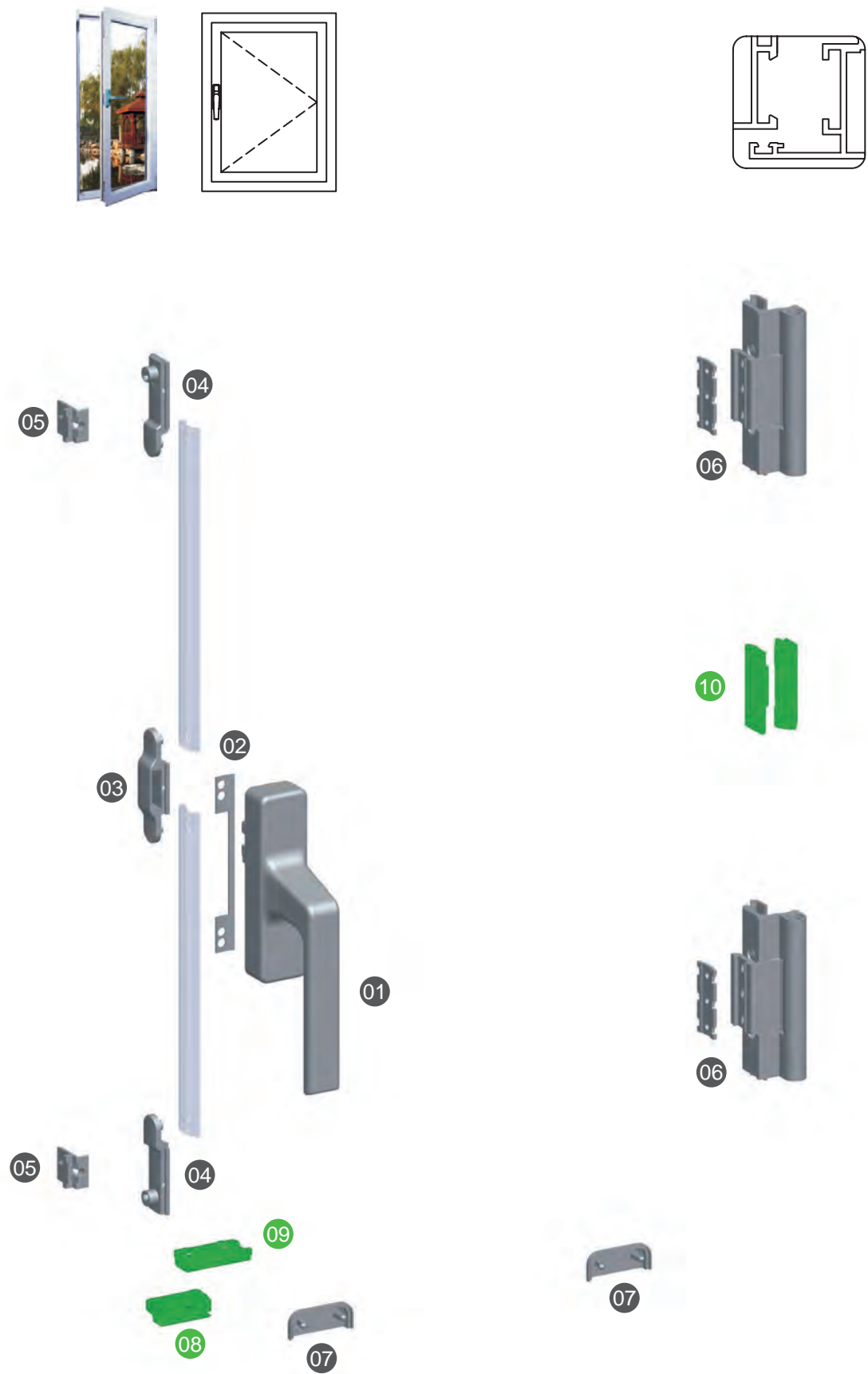
Optional handles for reference:

Handle CZS20	Handle CZS28	Handle CZS30S	Handle CZS66
			

Configuration Instruction:

- ① Customers can select preferable handles taking reference to handle series
- ② Recommended distance between lock points should be $\leq 400\text{mm}$
- ③ Sash dimensions as follow:width 450-650mm, height 600-1800mm, when width is 380-450mm, item of Number 6 can be changed to LG12.
- ④ Basic load bearing capacity is 90KG, Suggested proportion of the width and height is 1.5:1
- ⑤ The Items with green color are optional hardware
- ★ Height and width are distances from sash groove top to groove top

1-2 NP110Series Open-in Side Hung Window with Two-Point Lock on Single side



Hardware Configuration for NP110 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	CZS20	1	Optional ①
02	Loose Preventer	FSP10	1	
03	Main Transmission Rod	N55	1	
04	Side Transmission Rod	N39	2	
05	Locking Plate	ZA1-6A	2	
06	Pivot Hinge	N4B	2	Optional ②
07	Water Cap	FSG-01	2	
08	Supporting Block	N34A	1	③
09	Cushion Block	N33	1	
10	Middle Locking Plate	SK70	1	

Optional handles for reference

Handle CZS51	Handle CZS52	Handle CZS66	Handle CZS219A

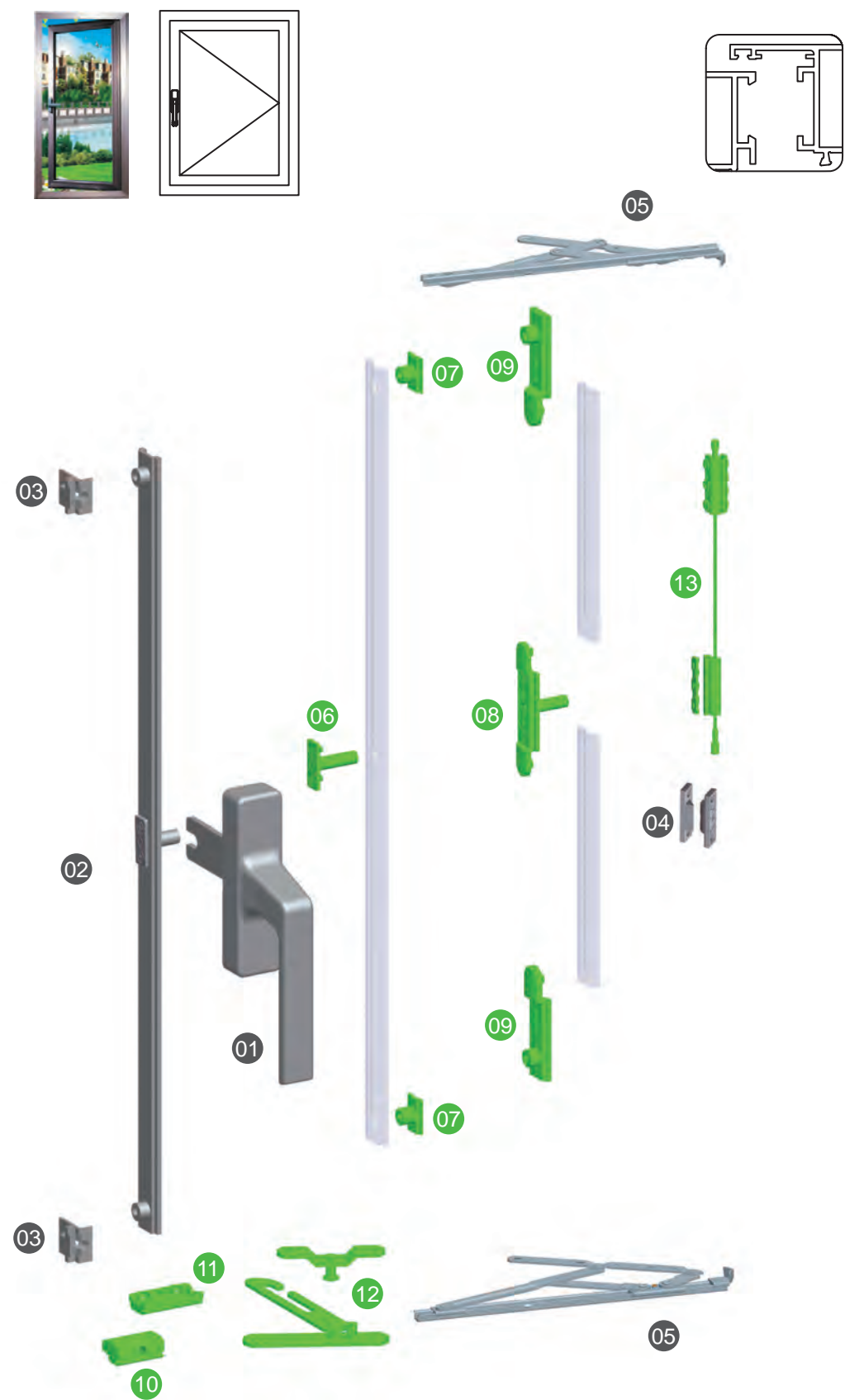
Optional hinges for reference

Hinge N2C	Hinge J3	Hinge BHY20/I	Hinge LBHY22

Configuration Instruction:

- ① Customers can select preferable handles taking reference to handle series
- ② The load bearing capacity of the pivot hinge refers to pivot hinge series in this catalogue
- ③ Items in green are optional, Suggest taking middle locking plate to prevent sash deformation and to ensure sealability for large size window
- ★ Better to use side hung window limiter.




1-3 WK100 Series Open-out Side Hung Window with C-groove



Hardware Configuration for WK100 Series

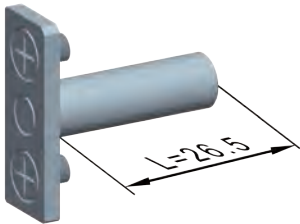
Number	Product Name	Code	Quantity	Remark
01	Handle (Left&Right)	CZS320	1	Optional ①
02	Alu. Transmission Rod	LZDC02	1	The length depends on window dimension
03	Locking Plate	ZA1-6A	2	
04	Middle Locking Plate	LSK76	1	
05	Friction Stay	HCC40	2	Product of Friction Stay&Peg stay Division
06	Linking Rod	ZCD-08	1	Include 2 pcs M4*6 screws
07	Active Lock Point	HDS8	2	Refer to active lock point operation instruction
08	Main Transmission Rod	ZCD75	1	Exposed pin size is 22mm
09	Side Transmission Rod	N39	2	
10	Supporting Block	N34A	1	
11	Cushion Block	N33	1	
12	Safety Lock Hook (Left&Right)	AQQ01	1	②
13	Safety Disengagement Preventer	FTQ25/I	1	Product of Friction Stay&Peg stay Division ③

Optional handles for reference

Handle CZS131	Handle CZS132	Handle CZS133	Handle CZS336
			

Configuration Instruction:

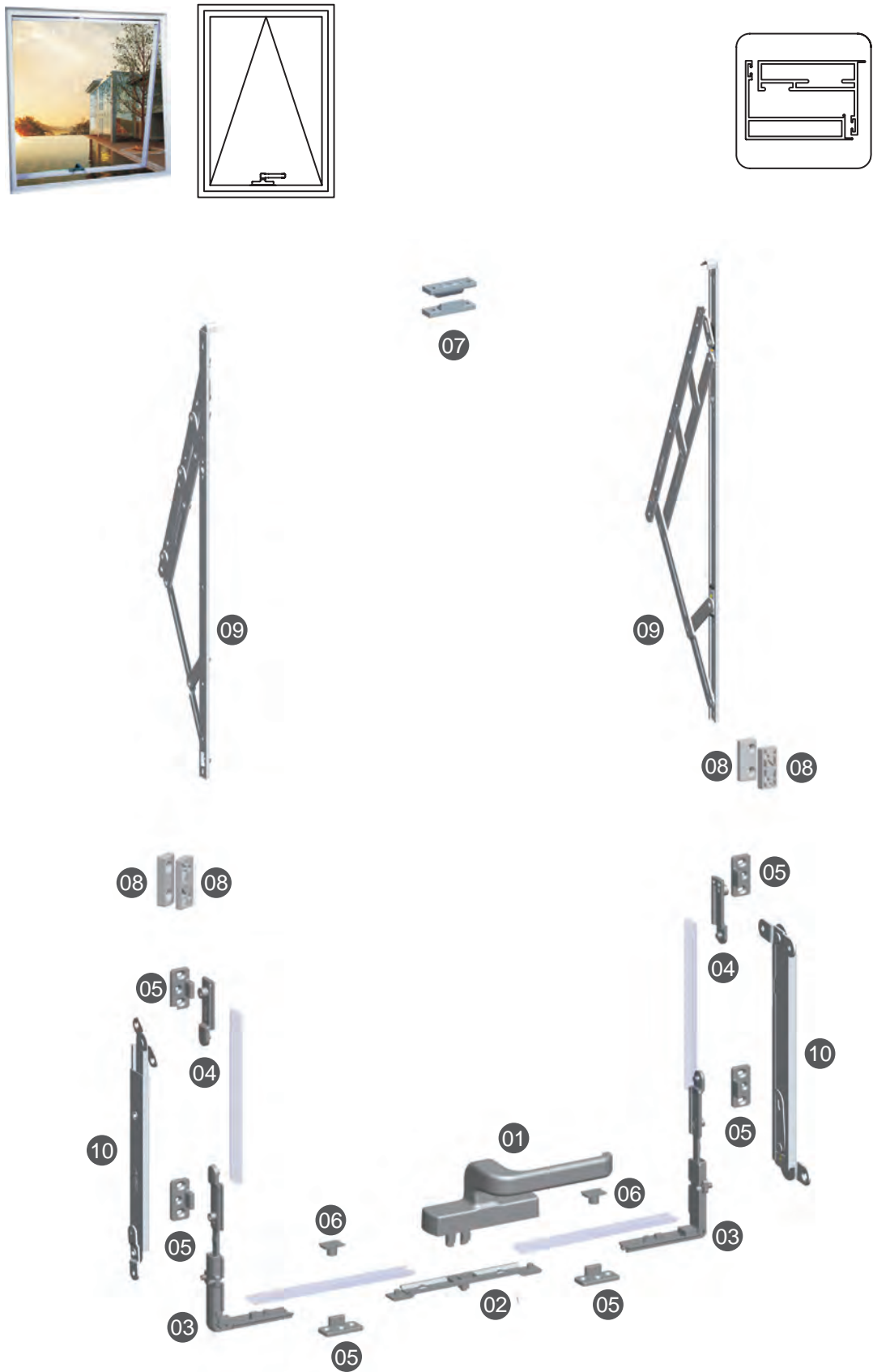
- ① Customers can select preferable handles taking reference to handle series
- ② Items in green are optional and the safety locking hook can increase the safety of open-out window, especially in public area and rooms for the elder and children
- ③ Safety Disengagement Preventer is suggested for high-rise side -hung windows
- ④ Pin length of item 6 ZCD-08 can be selected as below:



Note:

When customize item 6 connecting plate ZCD-08 according to actual demand, please mark the length of L according to the above picture.
The length of L is customized at the increment/ decline by 0.5mm.

1-4 MQ100 Series Curtain Wall Top Hung Window



Hardware Configuration for MQ100 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	CZS619	1	Optional
02	Main Transmitter	N9-5	1	
03	Corner Device	ZA3	2	
04	Side Transmission Rod	N40	2	
05	Locking Plate	SK32B	6	
06	Active Lock Point	HDS9	2	Refer to the instruction of active lock point ①
07	Middle Locking Plate	LSK76	1	
08	Anti-Drop Piece	1630FJS-16	4	
09	Friction Stay (Left&Right)	HC680	2	Product of Friction Stay&Peg stay Division The size depends on window dimension ②
10	Pegstay (Left&Right)	SC320	2	Product of Friction Stay&Peg stay Division The size depends on window dimension ③

Optional Handles and Friction stays for reference

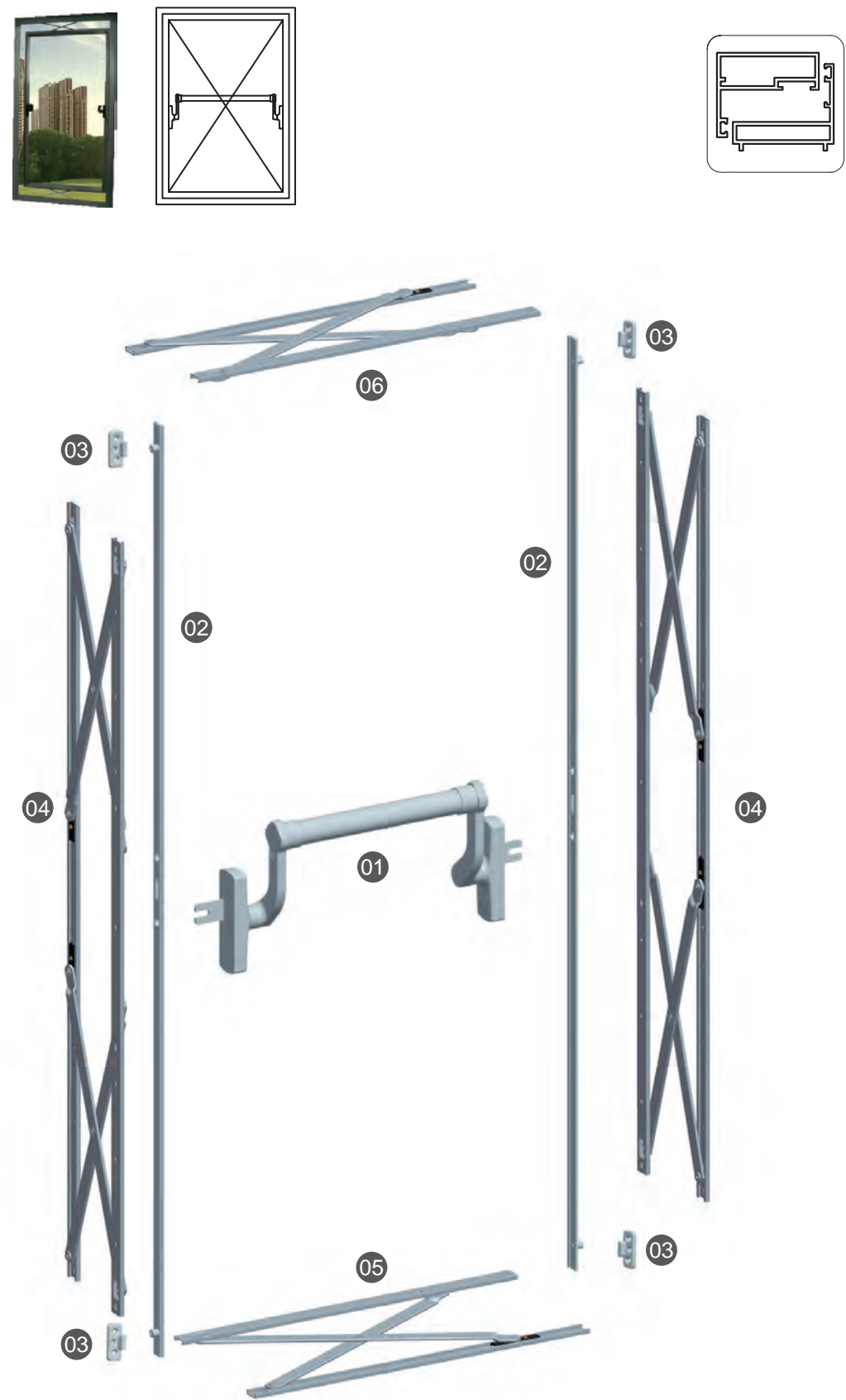
Handle CZS30S	Handle CZS23	Handle CZS21A

Friction Stay FJ600A	Friction Stay HC650	PegStay SC350

Instruction

- ① Adding active lock point on the transmission rod is compulsory for more than 6-point locking window.
- ② Load bearing capacity of the window depends on friction stay
- ③ Safety coefficient will be improved when pegstay is used.

1-5 MQ400 Series Curtain Wall Parallel Opening Window



Hardware Configuration for MQ400 Series

Number	Product Name	Code	Quantity	Remark
01	Push Rod Handle	TGZS110-W	1	Refer to the below Sketch
02	Alu Transmission Rod	LG01	2	Depend on window type
03	Locking Plate	SK32B	4	
04	Friction Stay	HC820-40	2	Product of Friction Stay&Peg stay Division
05	Friction Stay	HC820-19L	1	Product of Friction Stay&Peg stay Division
06	Friction Stay	HC820-19R	1	Product of Friction Stay&Peg stay Division

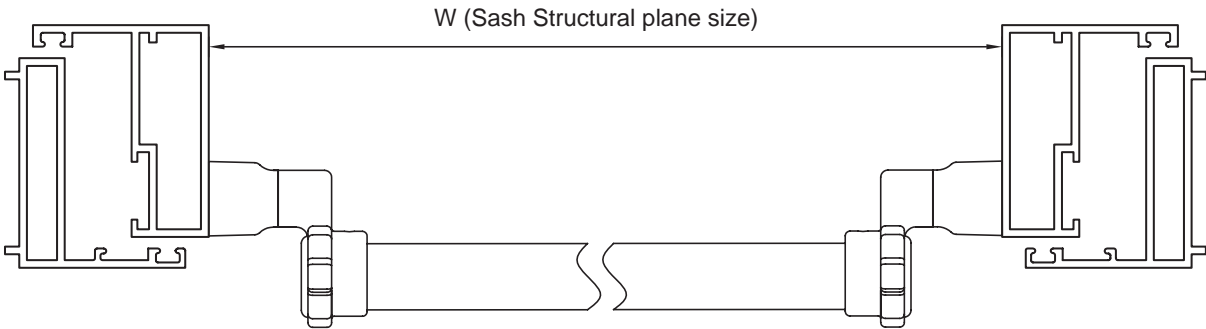
Optional Friction Stay for reference



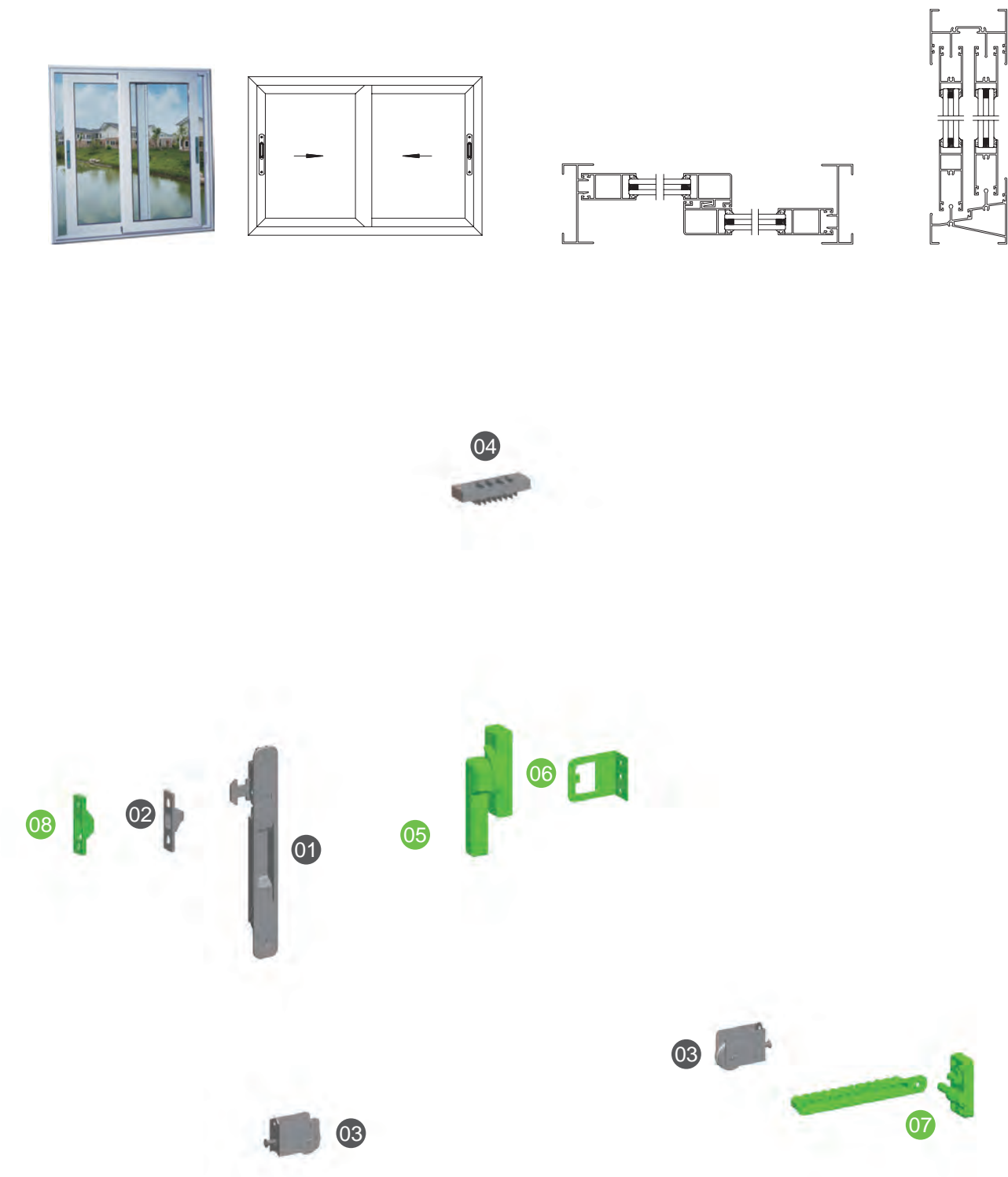
Configuration Instruction

- ★ Parallel window means the whole sash open outward parallelly. Its innovative opening method can keep the whole facade neat no matter at the state of opening or closing and this opening does not take up the interior space ,having the advantage of flexible ventilation and fire protection and smoke extraction.
- ★ Please select the friction stay according to the window size and contact our technical staff for specific configuration
- ★ The Friction stay at the left and right side bear the load while the friction stay at the upper and bottom side guide the direction. When load-bearing friction stay HC820-40 used together with HC820-19, the bearing capacity can be up to 120kg
- ★ Maximum widow opening height is 1600 and normal widow width is within 800mm

Sketch



1-6 TL Series of Sliding Window



Hardware Configuration for TL Series

Number	Product Name	Code	Quantity	Remark
01	Sliding Lock	TLS16/TLS16K	2	Optional
02	Locking Plate	SDS-1A	2	Optional
03	Single Roller	CL50G33K24	4	Roller Product, Optional
04	Anti-theft Piece	FDK	1	
05	Crescent Lock	Y17/I	1	Optional
06	Lock Hook	Y05-19A	1	Optional
07	Micro-ventilation Device	TFQ30	1	①
08	Anti-strike Locking Plate	TFK01	2	Match sliding lock only
09	Weatherstrip	PB/SP/FN/QF/GN/X	15-20(m)	Weatherstrip product, optional

Optional sliding locks for reference

Sliding Lock TLS10/TLS10K	Sliding Lock TLS19/TLS19K	Sliding Lock SDS10/II/ ZDS10/II	Sliding Lock SDS18/ZDS18

Optional Crescent locks for reference

Crescent Lock Y06A/I, Y06A/II	Crescent Lock Y08, Y08A	Crescent Lock Y10/I, Y10/II	Crescent Lock Y20/I, Y20/II

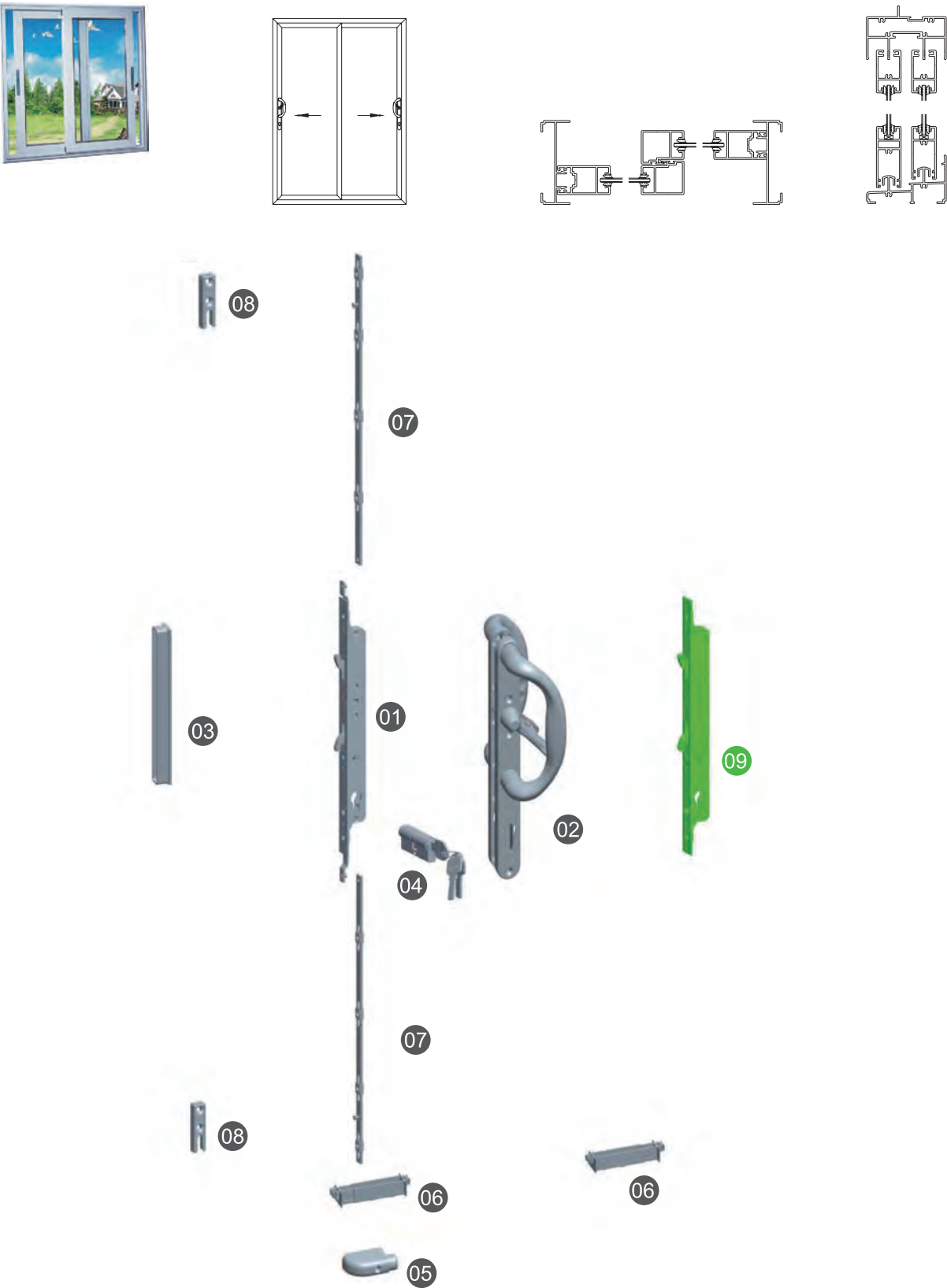
Optional Rollers for reference

Roller CL11	Roller CL15	Roller CLG20	Roller CL60G32.5K19

Configuration Introduction

- ① Items in green are optional
- ★ Selection of micro-ventilation device offers safe ventilation guarantee for rooms of the elder and children, schools, hospitals and other public places
- ★ Suitable for sliding window series with ordinary aluminum profile
- ★ Select hardware according to the profile,the configuration above only for reference
- ★ Roller can meet the load bearing of single sash 40Kg
- ② Five types in code are optional, refer product performance introduction

1-7 TLM120 Series Of Sliding Door



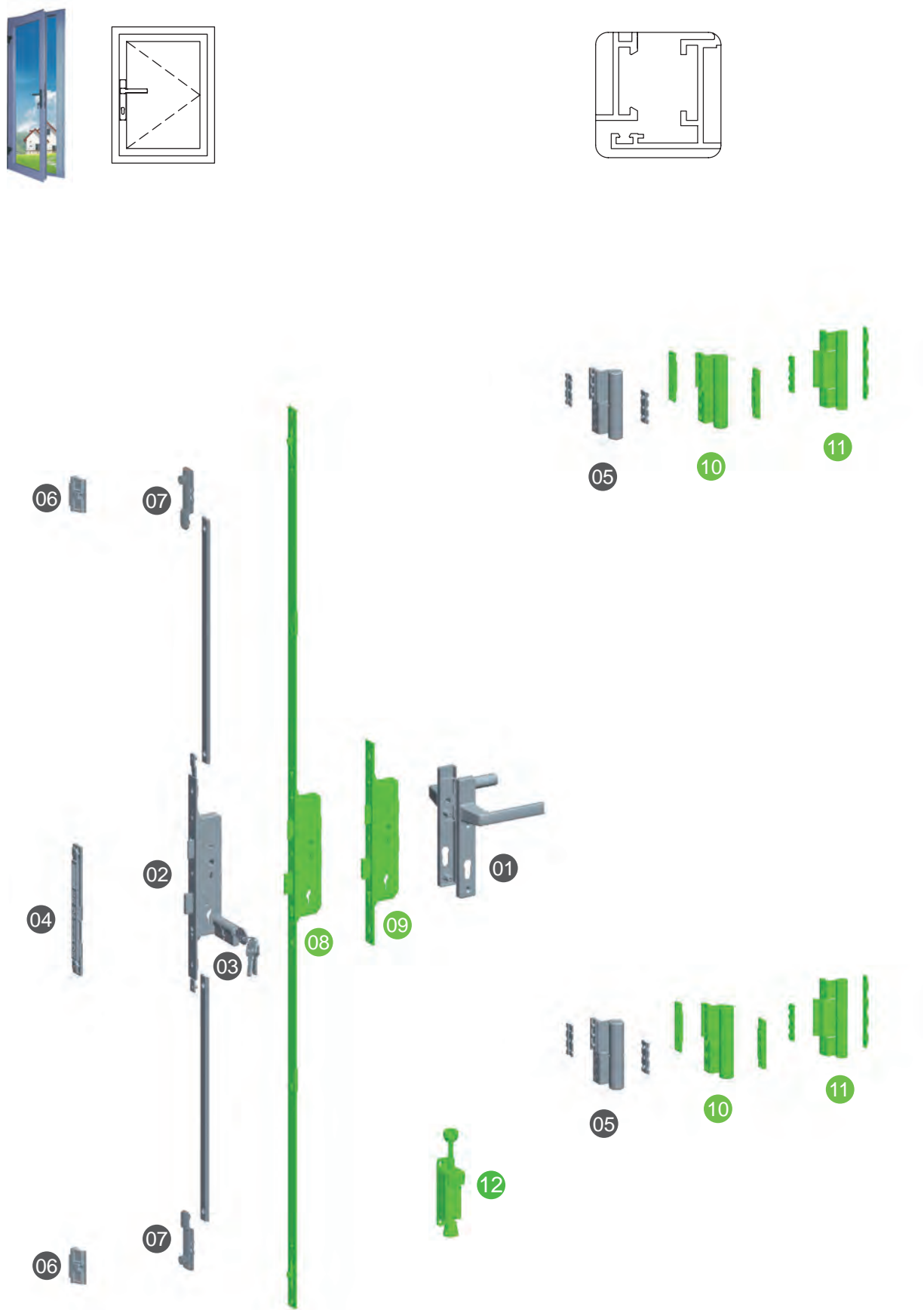
Hardware Configuration For TLM120 Series

Number	Product Name	Code	Quantity	Remark
01	Double Hook Lock	T-SGS14/I	2	
02	Handle	T-MLS03	2	Left&Right, item in picture is right
03	Cover Plate	T-KMB201	2	
04	Cylinder	TIL2828	2	Optional ①
05	Anti-strike Block	T-FK-D	1	
06	Double Roller	ML19	4	Roller product, optional ②
07	Transmission Rod	TYG05-L	4	Optional, depend on door type ③
08	Locking Plate	U03C	4	Optional
09	Double Hook Lock	T-SGS14/II	2	Optional ③
10	Anti-strike Block	FK-C	4	Optional
11	Upper End	T-DG-13	4	Optional
12	Bottom End	T-DG-15	4	Optional
13	Weatherstrip	PB/SP/FN/QF/GN/X	15-20(m)	Weatherstrip product, optional ④

Configuration Introduction

- ① Cylinder refer TIL2828 cylinder series in Alu. catalogue on page of 222 《Aluminium Door & Window Hardware Typical Product Catalogue》
- ② The maximum load bearing capacity of roller is 110kg/sash
- ③ Hardware items in green are optional, belong to the single lock point configuration
 - ★ Applicable for 2001 series sliding door profile
 - ★ The multi-lock points design makes the lock situation of sliding door much better,improving the anti-theft performance
 - ★ Handle square steel length=sash thickness+(17~22),screw length(M5)=sash thickness+15
- ④ Five types in code are optional, refer product performance introduction

1-8 PM300 Series Single sash door with c-groove profile



Hardware Configuration for PM300 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	MZS20	1	Optional ①
02	Door Lock	MSC28/I	1	Optional
03	Cylinder	KILAB	1	Optional ②
04	Cover Plate	KMB210A	1	
05	Pivot Hinge(Left & Right)	J5C	2	Depend on profile ③
06	Locking Plate	T-MSK25	2	
07	Side Transmission Rod	TCG11	2	
08	Door Lock	MSC28/III	1	Optional
09	Door Lock	MSC28/II	1	Optional
10	Pivot Hinge(Left & Right)	MJ16	2	Depend on profile
11	Pivot Hinge	MJ17	2	Depend on profile
12	Door Positioner	T-DM01	1	Optional

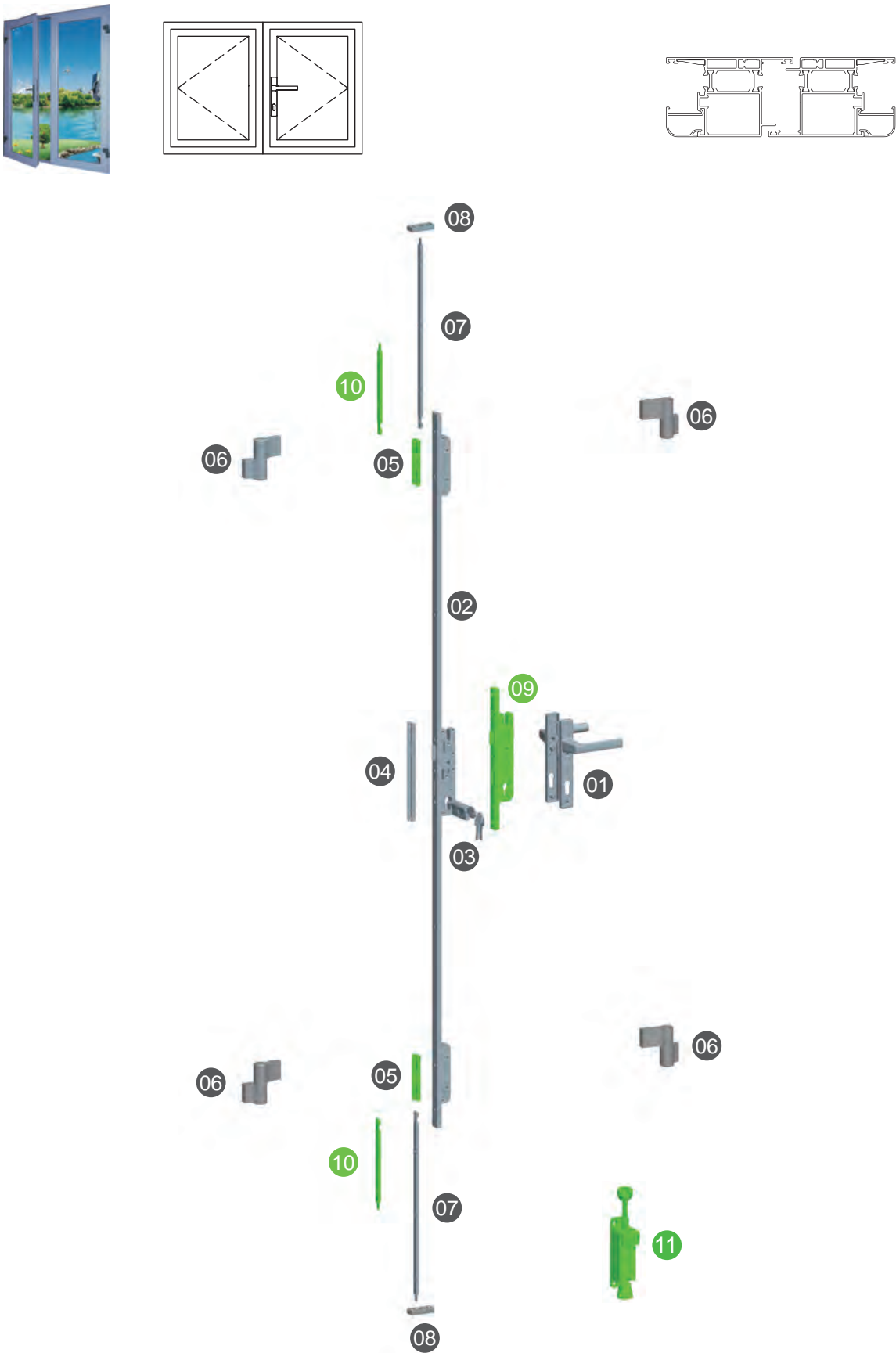
Optional handles for reference

Handle MZS08	Handle MZS22	Handle MZS620	Handle MZS818	Handle MZS820
				

Configuration Introduction

- ① Customers can select other handles referring to page 232 《Aluminium Door & Window Hardware Typical Product Catalogue》 Spindle Length=Sash Thickness σ +(33-40), Screw length (M5) L= Sash thickness σ +15
- ② Cylinder refer to cylinder series on page of 223 《2020Aluminium Door & Window Hardware Typical Product Catalogue》
- ③ The load bearing capacity of the pivot hinge refers to page 252 《2020Aluminium Door & Window Hardware Typical Product Catalogue》
- ★ Items in green are optional

1-9 PM600 Series Heat-insulation Bridge-cut-off Double sash door without groove



Hardware Configuration for PM600 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	MZS20	1	Optional ①
02	Door Lock	MSA19/I	1	Optional
03	Cylinder	KILAB	1	Optional ②
04	Cover Plate	AMS26-9A	1	
05	Cover Plate	KMB100B	2	
06	Pivot Hinge (Left&Right)	LHD63	4	Depend on Profile ③
07	Socket	SCX500A	2	
08	Locking Plate	SK30A	2	
09	Door Lock	MSA19/II	1	Optional
10	Socket	SCX220A	2	Optional ④
11	Door Positioner	T-DM01	1	Optional

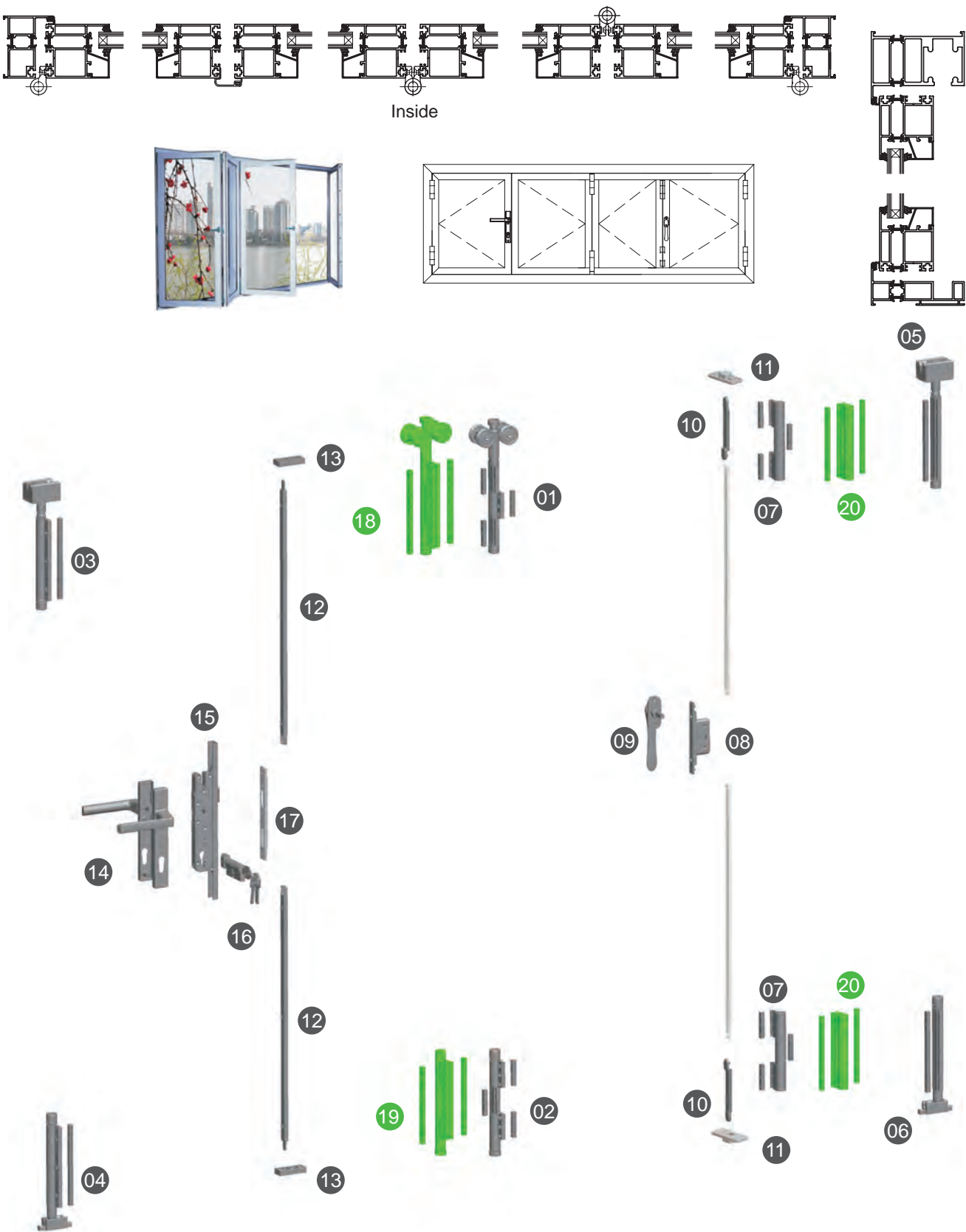
Optional Handles for Reference:

Handle MZS08	Handle MZS22	Handle MZS620	Handle MZS818	Handle MZS820

Configuration Introduction

- ① Customers can select the handle according to this catalogue page 232 《Aluminium Door & Window Hardware Typical Product Catalogue》 Spindle length L=sash thickness δ+(33~40), Screw length (M5) L=sash thickness δ+15.
- ② Cylinder refers to page 223 cylinder series 《2020Aluminium Door & Window Hardware Typical Product Catalogue》
- ③ The load bearing capacity of the pivot hinge refers to page 252 pivot hinge series 《2020Aluminium Door & Window Hardware Typical Product Catalogue》
- ★ Items in green are Optional.

1-10 FTL300 Sliding And Folding Door Series



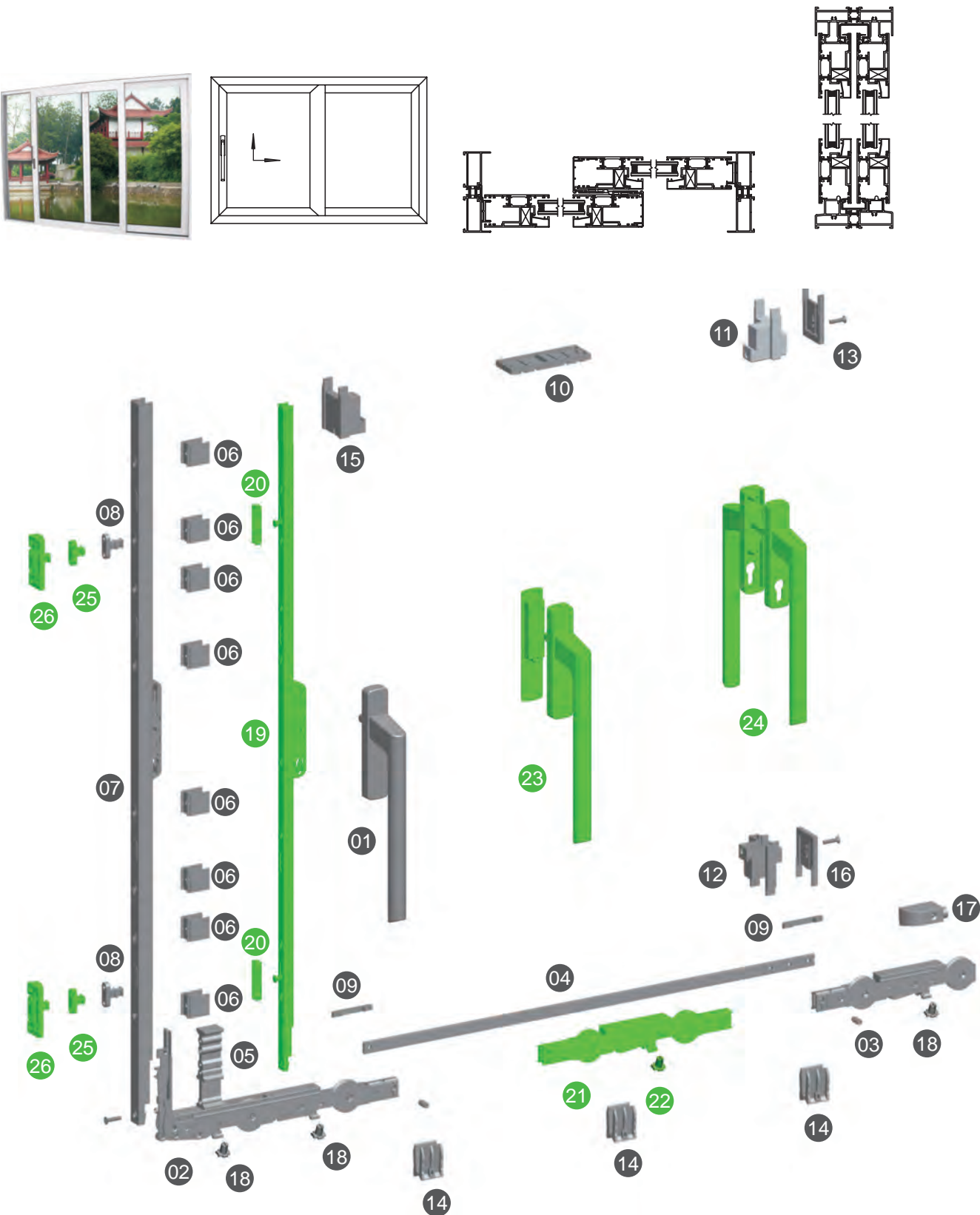
Hardware Configuration For FTL300 Series

Number	Product Name	Code	Quantity	Remark
01	Upper Pivot Hinge System	FTL300-01	1	①
02	Bottom Pivot Hinge System	FTL300-02	1	
03	Side Upper Pivot Hinge	FTL300-03L	1	
04	Side Bottom Pivot Hinge	FTL300-04L	1	
05	Side Upper Pivot Hinge	FTL300-03R	1	
06	Side Bottom Pivot Hinge	FTL300-04R	1	
07	Hinge	FTL300-07	2	
08	Transmitter	CDQ20	1	
09	Handle	T28D	1	
10	Shoot Bolt	CDG10B	2	
11	Locking Plate	SK11	2	
12	Socket	SCX500A	2	Product of Sliding Door&Window Accessory Division
13	Locking Plate	SK30	2	Product of Sliding Door&Window Accessory Division
14	Handle	MZS20	1	Product of Sliding Door&Window Accessory Division
15	Door Lock	MSA19/II	1	Product of Sliding Door&Window Accessory Division
16	Cylinder	KILAB	1	Optional
17	Cover Plate	KMB210A	1	Product of Sliding Door&Window Accessory Division
18	Upper Pivot Hinge System	FTL310-01	1	
19	Bottom Pivot Hinge System	FTL310-02	1	
20	Hinge	FTL310-07	2	

Configuration Introduction

- ① Upper pivot hinge system is self-balance,which makes sash slide easily and smoothly,and could be installed upside and down
- ② Side upper and bottom hinge are capable for horizontal adjustment,in order to make up thedefection while fabrication window profile
- ③ Suitable for single sash dimension with width:800mm,height 3000mm and weight s120kg
- ★ Configuration of the sash is flexible. Please contact with our technical department for specific configuration
- ★ In this system,open-in and open-out function can be achieved by the means of changing profile

1-11 TTL300 Series Lifting And Sliding Door



Hardware Configuration Of TTL300 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	Z200	1	Optional, standard exposed length of square steel is 28mm
02	Front-Roller	H50	1	Product of Window Roller Division
03	Back-Roller	H52	1	Product of Window Roller Division
04	Linking Rod	H52-10-L	1	
05	Supporting Socket	CDG2370-06	1	
06	Supporting Block	CDG2370-05	8	
07	Transmitter Lock	CDG2370	1	
08	Locking Plate	SK51	2	
09	Water Cap	H52-13	2	
10	Anti-theft Piece	H52-14	1	
11	Left Position Block	H52-17L	1	
12	Right Position Block	H52-17R	1	
13	Upper Cover	H52-16	1	
14	Supporting Block	H52-12	3	
15	Right End	H52-18R	1	Left type sliding use H52-18L
16	Right Cover	H52-15R	1	Left type sliding use H52-15L
17	Anti-strike Block	T-FK-D	1	Product of Sliding Door&Window Hardware Division
18	Cushion Block	H50-18	3	
19	Transmitter Lock	ZTTL100-01	1	Product of Home Decoration Division
20	Locking Plate	ZTTL100-05	2	Product of Home Decoration Division
21	Middle-Roller	H51	1	
22	Cushion Block	H50-18	1	
23	Handle	Z201	1	Optional, standard exposed length of square steel is 28mm
24	Handle	Z202	1	Optional, standard exposed length of square steel is 107mm
25	Locking Plate	SK50	2	Optional
26	Locking Plate	SK52	2	Optional

Configuration Introduction

- ① This system continues the practicability of sliding door and solves the sealing problem of it well. It occupies small space when opening and dimension of opened is small. (For example: Maximum door hole width for single sliding door is up to 6000mm,sash width is 3000mm, door hole height is up to 2800mm and sash height is 2675mm.) Handle is turned to 180° and pulled to direction of sash midst to open the door
- ② The maximum weight for the opening sash is 300kg and this weight bearing capacity is up to roller and its quantity
- ③ This series can be used widely such as sunshine-room, balcony and partition door etc.

Optional Handle



UPVC Door And Window Hardware

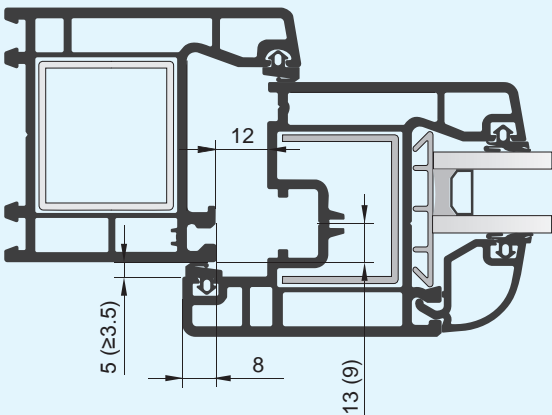


U Groove Profile Requirement for KIN LONG Door&Window Hardware

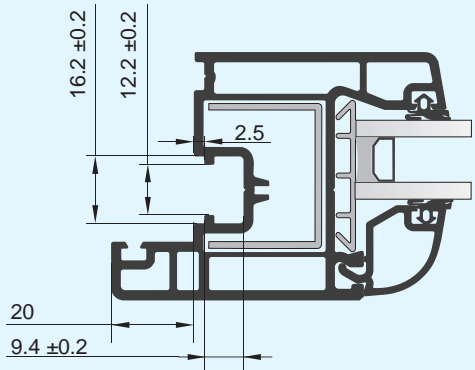
KIN LONG hardware is applicable to standard European U-groove profile of solid wood/wood-clad aluminium/aluminium-clad wood/PVC/aluminium. The specific requirements are as follows: (Remark: All specification are after surface treatment)

PVC Profile specification

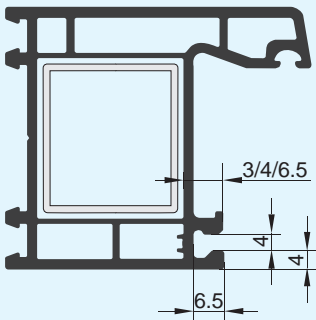
Required dimension for frame and sash



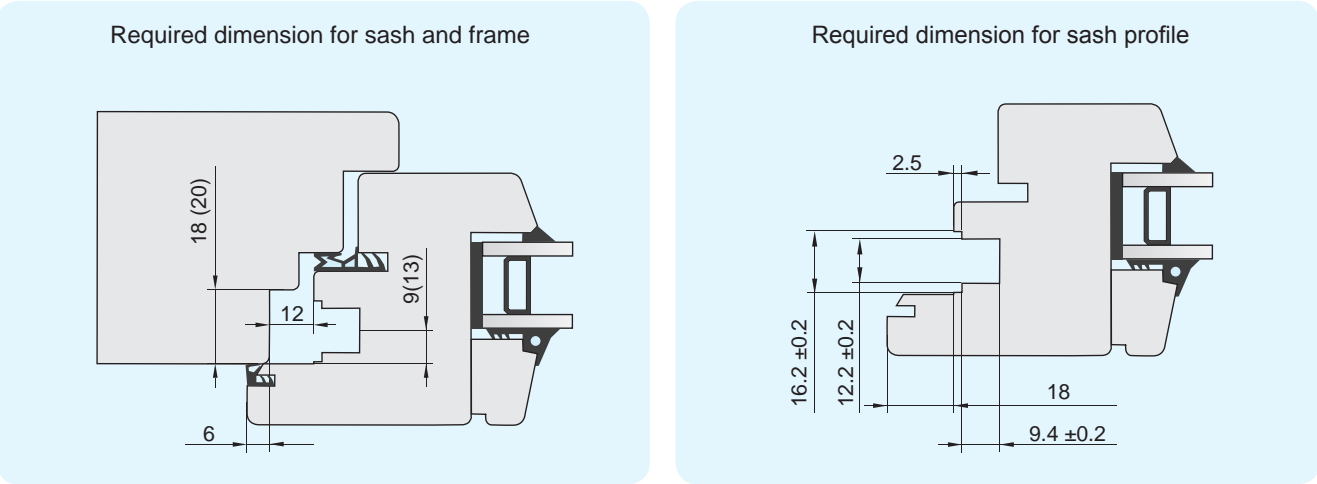
Required dimension for sash profile



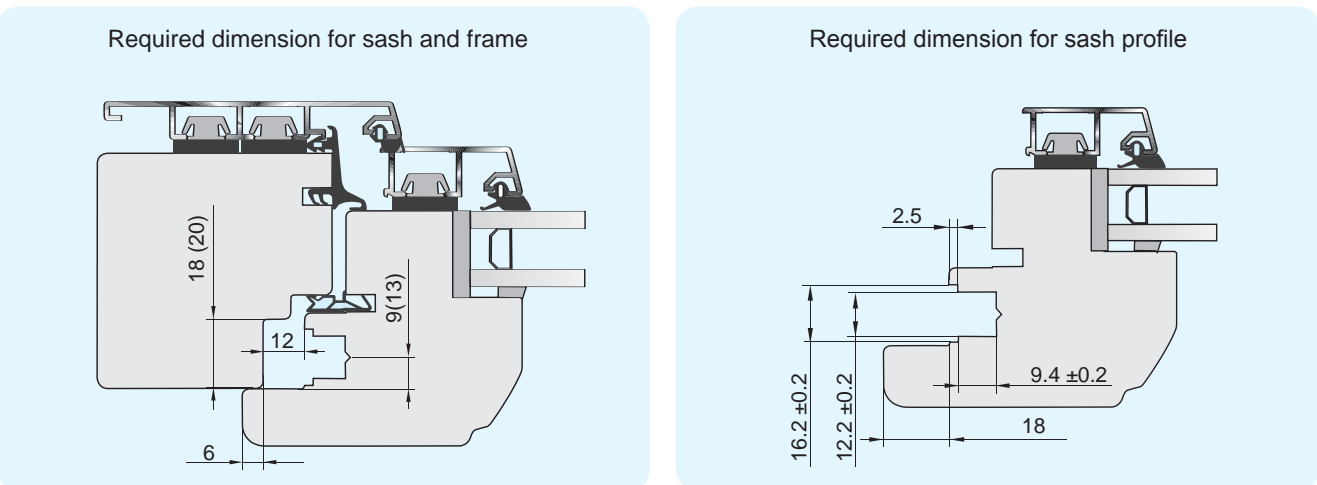
Required dimension for frame profile



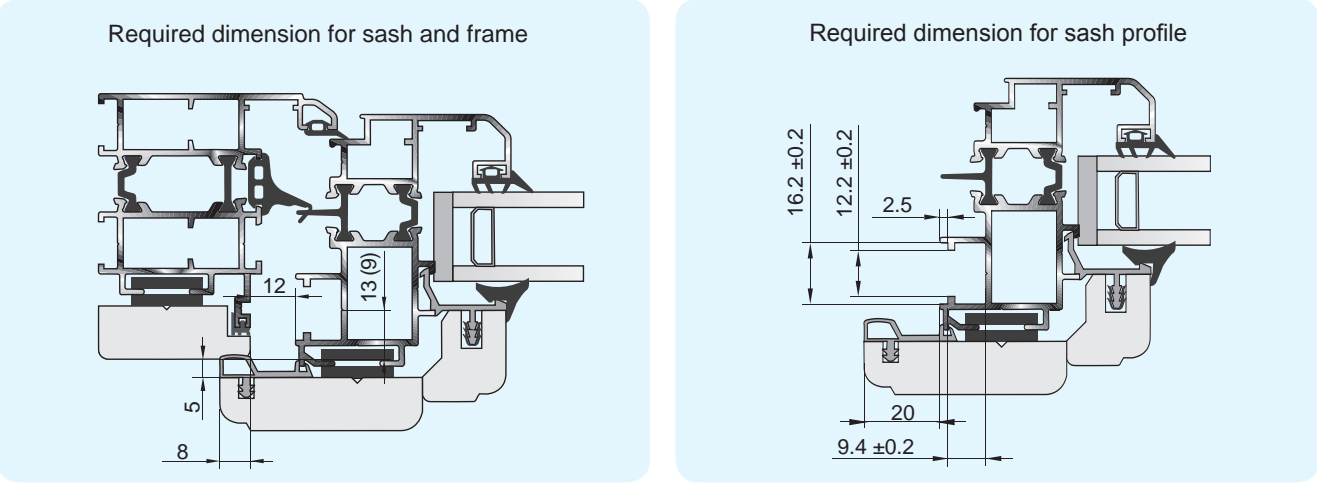
Solid Wood Profile Specification



Aluminium-clad Wood Profile Specification



Wood-clad Aluminium Profile Specification



U-PVC Open-in Bottom-hung Widow Hardware Series-SCPX100

Awarded the certificate of German IFT testing agency

The turn-and-tilt window hardware system for U groove PVC window launched by KINLONG, combines the special structure design of ventilation and position locking point,touching structure corner device(transmitter), and three-dimensional adjustable pivot hinges with high load-bearing. High-quality process of high anti-corrosion alloy coating brings different types of customers optimal perform ace ratio and wonderful using experience.

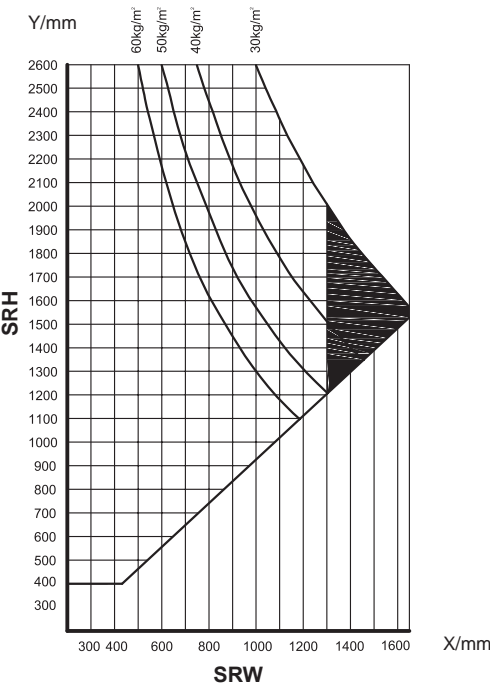
IFT-Rosenheim windows & doors Technology Research Institution in German, is the top testing and standards development agency in the world, whose products certification and quality supervision certificates are widely accepted in the market and recognized as proof of product quality.

The U groove turn-and-tilt window hardware system of KINLONG, after more than one year of exploration and experiment, based on the foundation of structural design innovation and craft improvement, passes the test of IFT at once and becomes the first domestic one to pass IFT.



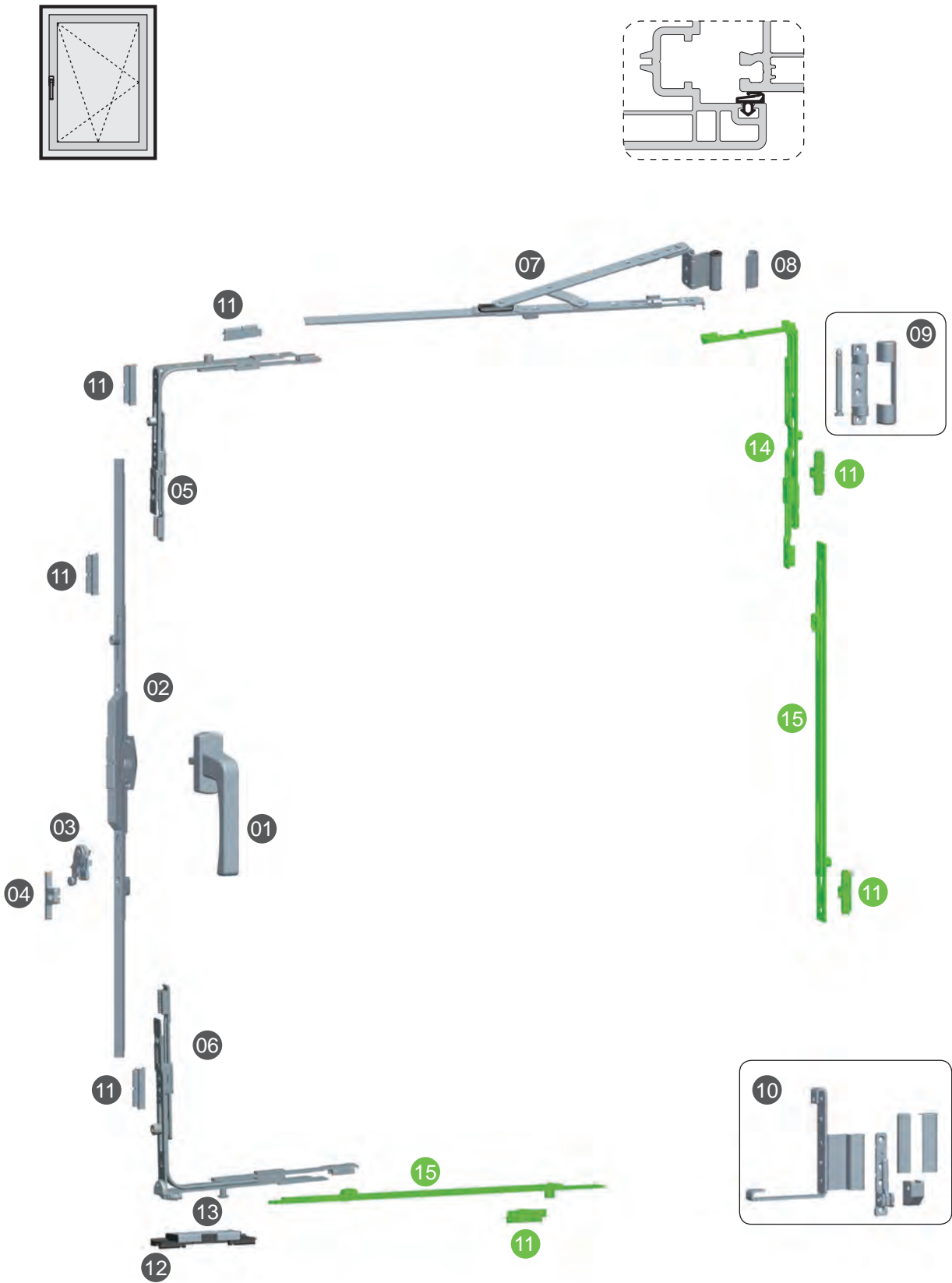
The load-bearing curve of pivot hinge

The load-bearing curve of 90kg pivot hinge



Remark:The shaded area needs to add a second control

2-1 SCPX100 Series Turn-and-Tilt Window Hardware System



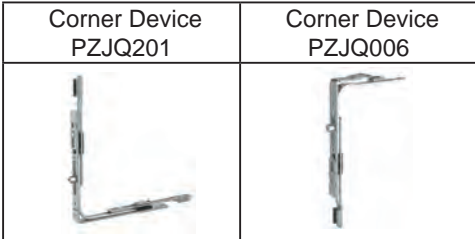
Hardware Configuration for SCPX100 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	PZSN001	1	Optional, Please indicate the color while placing order
02	Transmitter	PCDQN47509-12	1	Depends on window system
03	Anti-misoperation Device	PFWQR001	1	Left & Right
04	Anti-misoperation Block	PFWK00109A	1	
05	Corner Device	PZJQ204	1	Optional
06	Corner Device	PZJQ202	1	
07	Connecting Rod	PLGNXR10904-06	1	Left & Right, depends on window system
08	Outer Cover	PHYSN002-03A	1	Please indicate the color while placing order
09	Upper Pivot Hinge	PHYSN003	1	Please indicate the color while placing order, standard hardware can be purchased by sets or pieces
10	Bottom Pivot Hinge	PHYXNR0109	1	Left & Right, please indicate the color while placing order, standard hardware can be purchased by sets or pieces
11	Locking Plate	PSK00109	4	Depends on the quantity of locking points
12	Supporting Block	PZCZ00109	1	Optional
13	Supporting Cap	PZCG00109	1	
14	Corner Device	PZJQ203	1	
15	Side Transmission Rod	PBCDG004	2	

Optional Handle



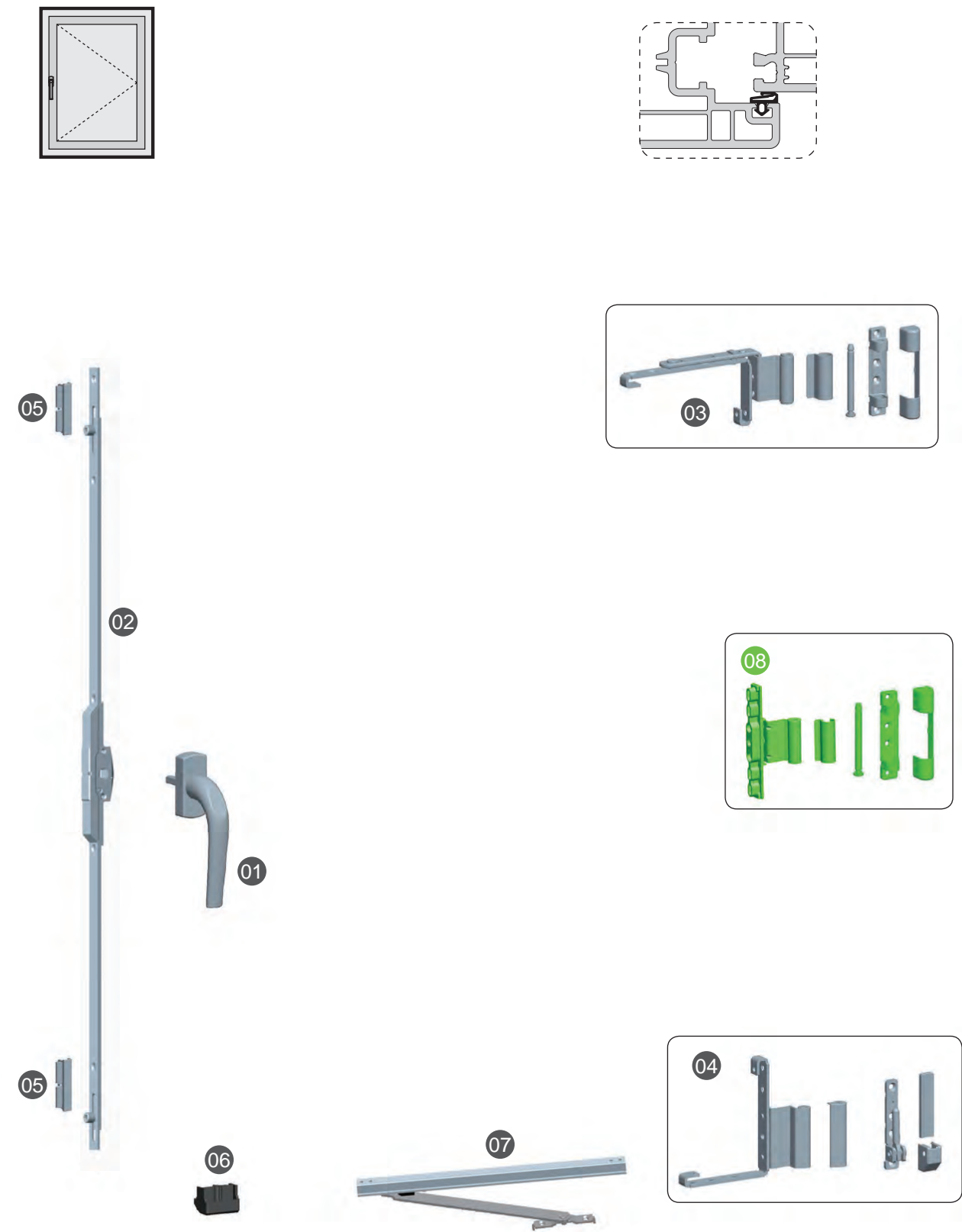
Optional Corner Device



Configuration Instruction

1. Above configuration is applicable to "9" series PVC profile, Besides there is "13" series configuration.
2. Items in green are optional.
3. This configuration is applicable to sash with height ranged from 901mm to 1200mm and width ranged from 430mm to 600mm. This system chooses other selective accessories that satisfy sash with height ranged from 570mm to 1800mm and width ranged from 320mm to 1000mm, refer to the accessory parameters on UPVC hardware catalogue. The recommended proportion is Width:Height=1:1.5
4. The maximum load bearing capacity of this configuration is 90kg, the load bearing capacity depends on the pivot hinge, please refer to pivot hinge series:
The sash weight (including the weight of glass, sash profile and other accessories) X1.4 (Safety coefficient) ≤ The maximum load bearing capacity of the pivot hinge.
5. If need to increase the safety, then hardware with anti-theft locking point can be selected.
6. The above is only for reference. Please consult our technical department for sepecific requiemment

2-2 SCPN200Series Open-in Side-hung Window Hardware System



Hardware Configuration for SCPN200

Number	Product Name	Code	Quantity	Remark
01	Handle	PZSN013	1	Optional
02	Transmitter	PCDQND47508	1	Depends on window system
03	Upper Corner Hinge	PHYSNR0039	1	Left & Right, please indicate the color while placing order, standard hardware can be purchased by sets or pieces
04	Bottom Pivot Hinge	PHYXNR0109	1	Left & Right, please indicate the color while placing order, standard hardware can be purchased by sets or pieces
05	Locking Plate	PSK00109	2	Depends on the quantity of locking points
06	Lifting Block	PTSK001	1	
07	Pegstay	Refer to Pegstay Series	1	Depends on window system
08	Mid Pivot Hinge	PHYZ00709	1	Please indicate the color while placing order,standard hardware can be purchased by sets or pieces

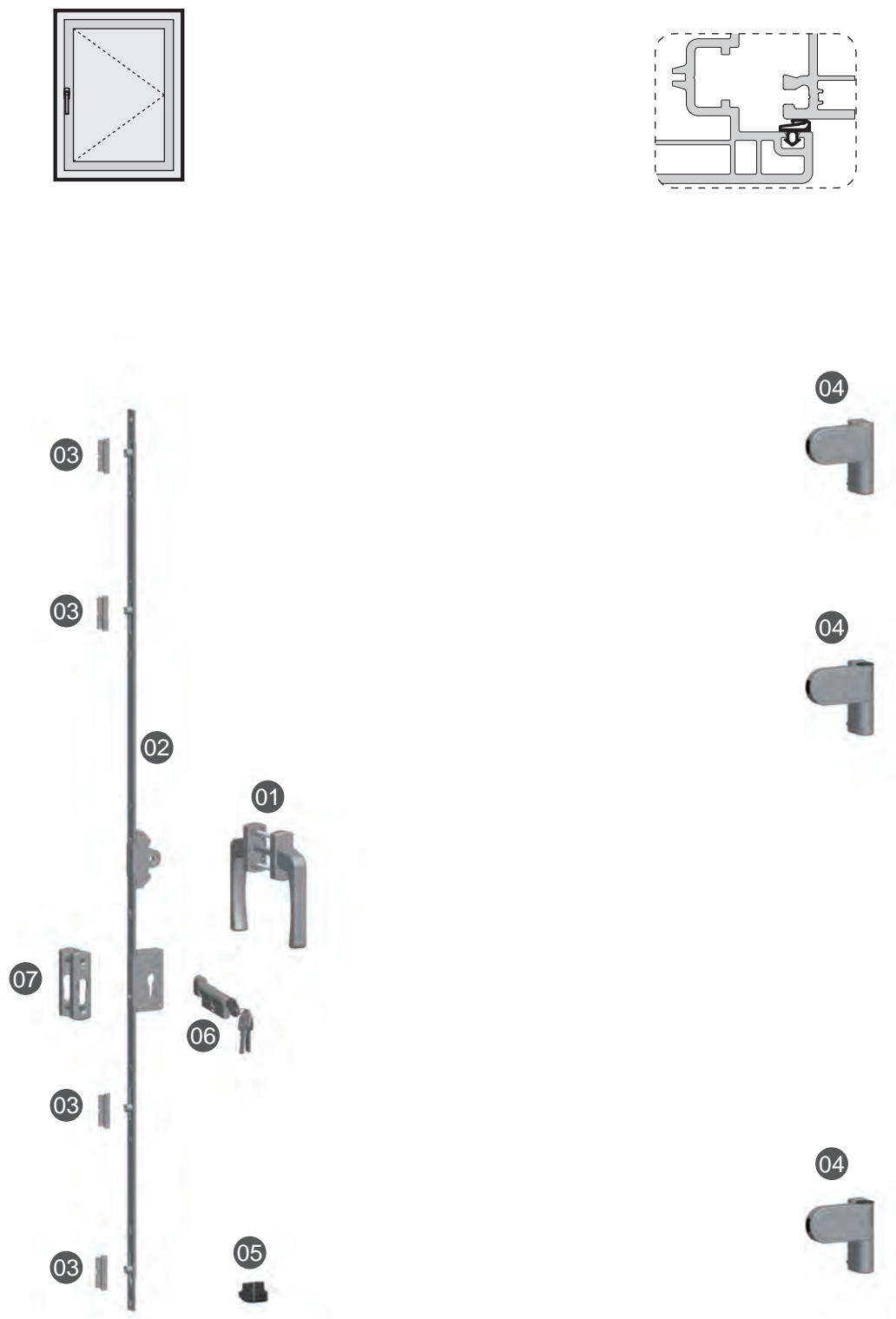
Optional Handle



Configuration Instruction

- Aboved configuration is applicable to "9" series PVC profile, Besides there is"13" series configuration.
- Items in green are optional.
- This configuration is applicable to sash with height ranged from 801mm to 1000mm and width ranged from 450mm to 1000mm. This system chooses other selective accessories that satisfy sash with height ranged from 270mm to 2200mm and width ranged from 450mmto 1000mm, refer to the accessory parameters on UPVC hardware catalogue. The recommended proportion is Width:Height=1:1.5
- The maximum load bearing capacity of this configuration is 90kg, the load bearing capacity depends on the pivot hinge, please refer to pivot hinge series:
The sash weight (including the weight of glass, sash profile and other accessories) X1.4 (Safety coefficient) ≤The maximum load bearing capacity of the pivot hinge.
- If need to increase the safety, then hardware with anti-theft locking point can be selected.
- The above is only for reference. Please consult our technical department for sepecific requierement.

2-3 SMP100 Series Side-Hung Door Hardware System



Hardware Configuration for SMP100 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	PMZS001	1	Optional, Please indicate the color while placing order
02	Transmitter	PMCDQSS03018	1	Depends on door system
03	Locking Plate	PSK00113A	4	Divided into 9 and 13 series, Depends on the quantity of locking points
04	Pivot Hinge	PMHY00180	3	Optional, Please indicate the color while placing order
05	Lifting Block	PTSK001	1	
06	Cylinder	PSXAB/T	1	Optional
07	Cover Plate	PMMB001	1	Please indicate the color while placing order

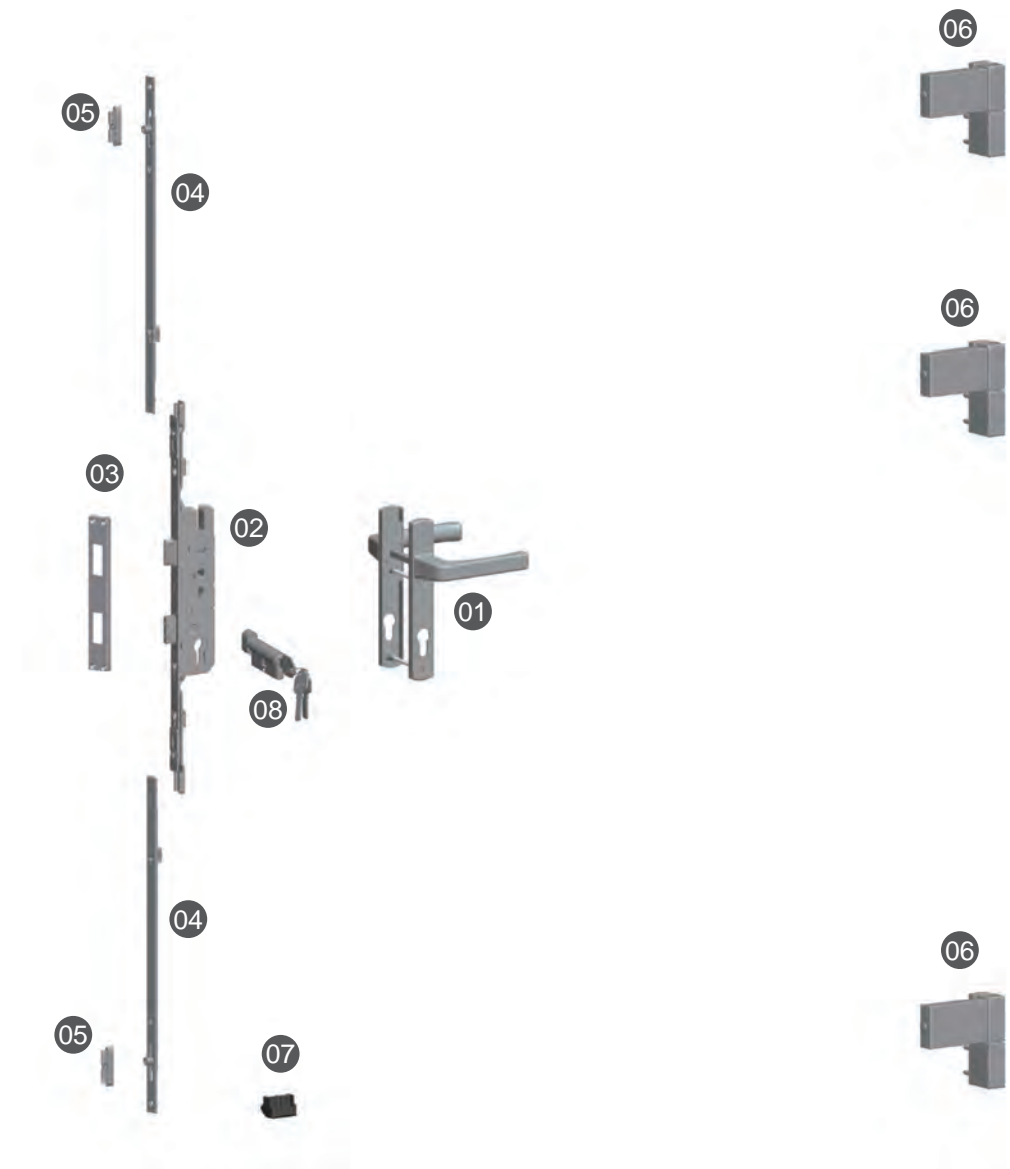
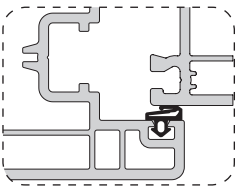
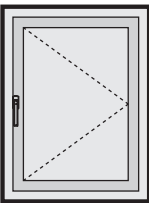
Optional Handle



Configuration Instruction

1. The maximum load bearing capacity of this configuration is 80kg, the load bearing capacity depends on the pivot hinge, please refer to pivot hinge series:
The sash weight(including the weight of glass, sash profile and other accessories) \times 1.4(Safety coefficient) \leq The maximum load bearing capacity of the pivot hinge.
2. To better improve the security, Security lock point can be installed.
3. The above is only for reference. Please consult our technical department for sepecific requiriement.
- Note: (1)Handle quadrate-tongue Length L =Sash Thickness δ +30(40)mm;
(2)M5 Fixing Screw Length L =Sash Thickness δ +15mm;

2-4 SMP200 Series Side-Hung Door Hardware System



Hardware Configuration For SMP200 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	PMZS010	1	Optional, Please indicate the color while placing order
02	Door Lock	PMS30 / IA	1	Optional
03	Cover Plate	PKMB002	1	
04	Side Transmission Rod	PBCDG006	2	Depends on door system
05	Locking Plate	PSK00113A	2	Divided into 9 and 13 series, Depends on the quantity of locking points
06	Pivot Hinge	PMHY003150	3	Optional, Please indicate the color while placing order
07	Lifting Block	PTSK001	1	
08	Cylinder	PSXAB/T	1	Optional

Optional Door Lock



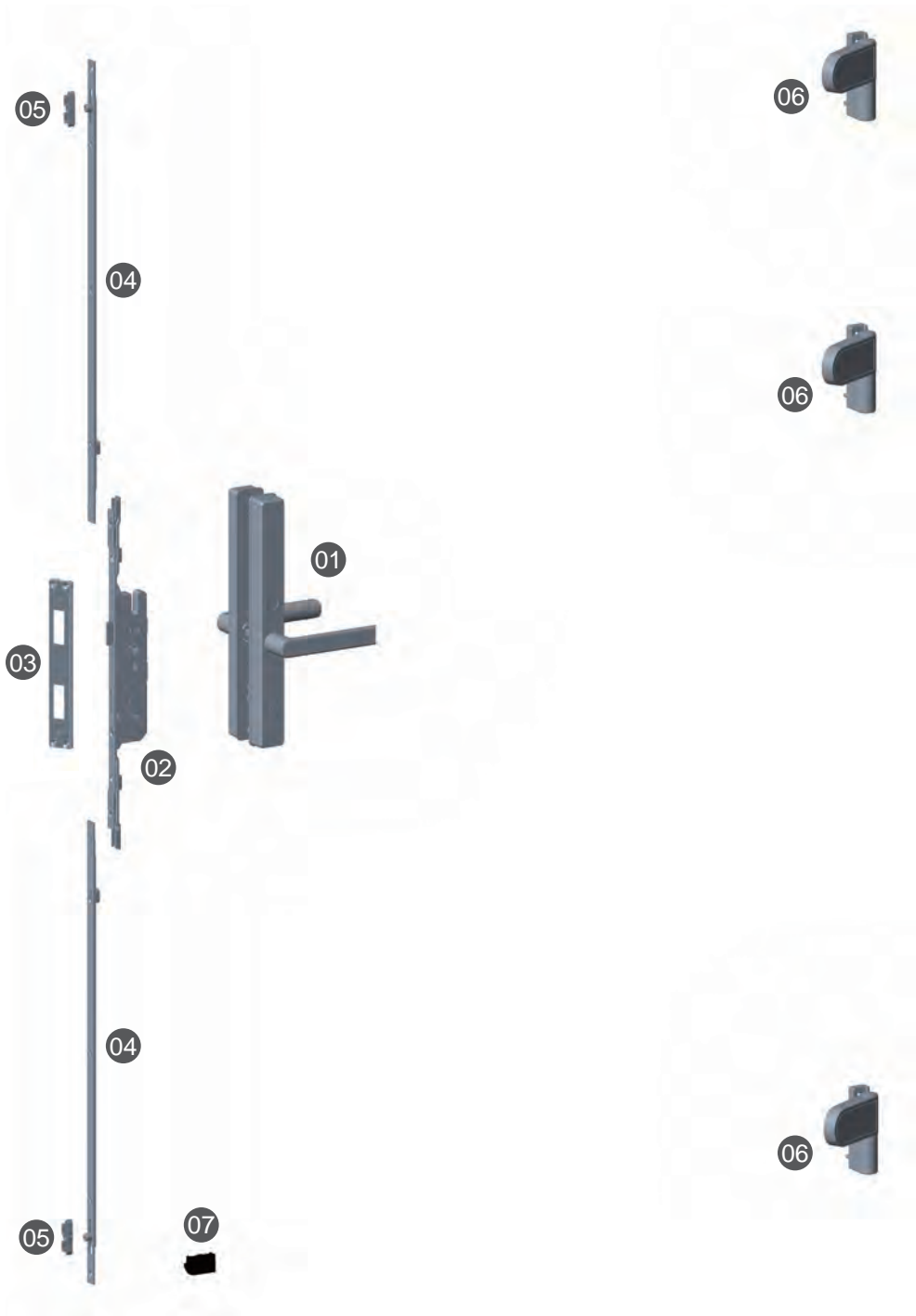
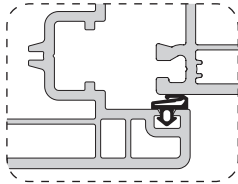
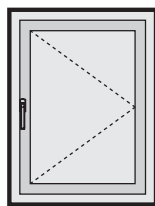
Optional Pivot Hinge



Configuration Instruction

1. The maximum load bearing capacity of this configuration is 150kg, the load bearing capacity depends on the pivot hinge, please refer to pivot hinge series:
The sash weight(including the weight of glass, sash profile and other accessories)X1.4(Safety coefficient)≤The maximum load bearing capacity of the pivot hinge.
- 2.To better improve the security, Security lock point can be installed.
3. The above is only for reference. Please consult our technical department for sepecific requiriement.
Note: (1)Handle quadrate-tongue Length L=Sash Thicknessδ+30(40)mm;
(2)M5 Fixing Screw Length L=Sash Thicknessδ+15mm;

2-5、SMP500 Series Side-Hung Door System Hardware With Intelligent Lock



Hardware Configuration For Side-Hung Door With Intelligent Lock

Number	Product Name	Code	Quantity	Remark
01	Intelligent Lock	PMZSZL001	1	Left&Right, please indicate color while placing order
02	Door Lock	PMS35/IAFX	1	Optional
03	Cover Plate	PKMB002	1	
04	Side Transmission Rod	PBCDG006	2	Depends on door system
05	Locking Plate	PSK00113A	2	Depends on the quantity of locking points
06	Pivot Hinge	PMHY002150	3	Optional, Please indicator color while placing order
07	Lifting Block	PTSK001	1	

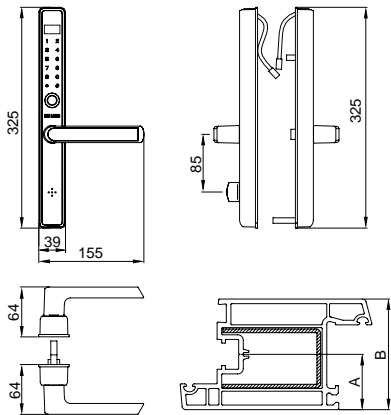
Optional Configuration Two

door lock PMS35/IA	Handle PMZS010	Cylinder PSXAB/T

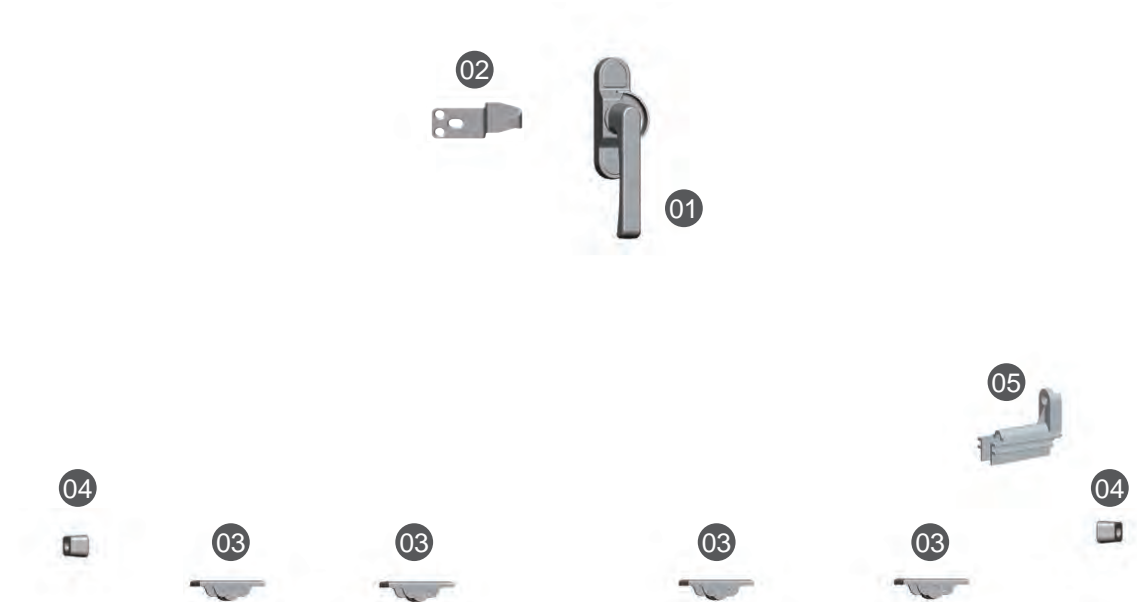
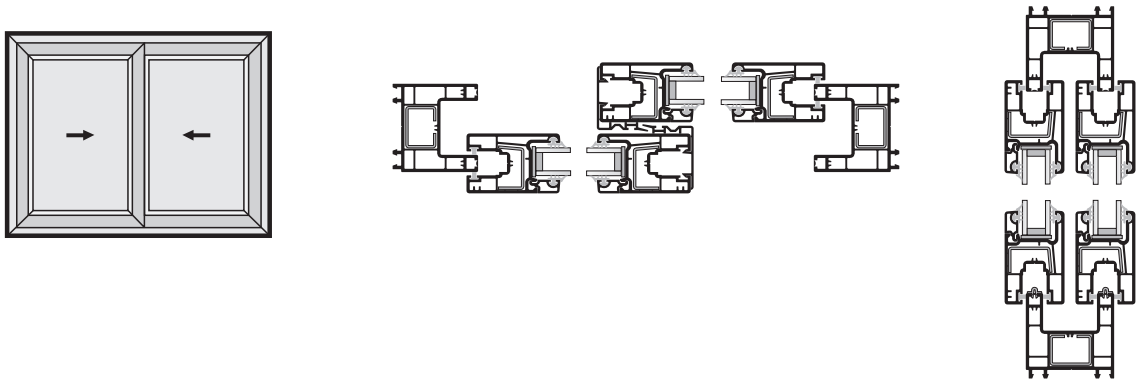
Configuration Introduction

- Aboved configuration is applicable to "13" series PVC profile, besides there is "9" series configuration;
- The maximum load bearing capacity of this configuration is 150kg, the load bearing capacity depends on the pivot hinge, please refer to pivot hinge series; The sash weight(Including the weight of glass, sash profile and other accessories) x 1.4 (Safety coefficient) ≤ The maximum load bearing capacity of pivot hinge.
- If need to increase the safety, then hardware with anti-theft locking point can be selected;
- The above is only for reference. please consult our technical department for specific requiement.

Note: (1)Handle quadrate-tongue, screws and knob pin need to be ordered additional, they can be packed separately or in sets;
(2)Handle quadrate-tongue code is PMFG8-L, length L=sash thickness+ (25~30)mm (Take the common multiple of 5, for example sash thickness is 42mm, then chose quadrate-tongue length 70mm);
(3)Fixing screw is M5*L, length L=Sash thickness (Addition is used for non-common multiple of 5, for example sash thickness is 42mm, then chose fixing screw length 45mm)
(4)Knob pin:PNT-Lxx(for example PNT-L65) A+20≤xx≤B+12
A:The distance from the center of U groove to the inside surface of profile
B:The thickness of profile
xx: The knob pin specification (Standard product have three types of 40,65,130)
(Note:The standard part specification is not within the scope of the obtained knob pin length shall be non-standard, the non-standard length shall be the common-multiple of 5, and the priority shall be given to the 65 specification when there are multiple specifications available.)



2-6 SCTL100 Series Sliding Window Hardware System



Hardware Configuration for SCTL100 Series

Number	Product Name	Code	Quantity	Remark
01	Crescent Lock	PYSR001/I	1	Optional, Please indicate the color while placing order
02	Locking Hook	PSG008	1	
03	88 Single Roller	PDHRC001	4	Optional
04	Anti-strike Block	PFZK001	4	
05	Anti-strike Block	PFZK003	1	
06	Anti-theft Piece	PFDK001	1	

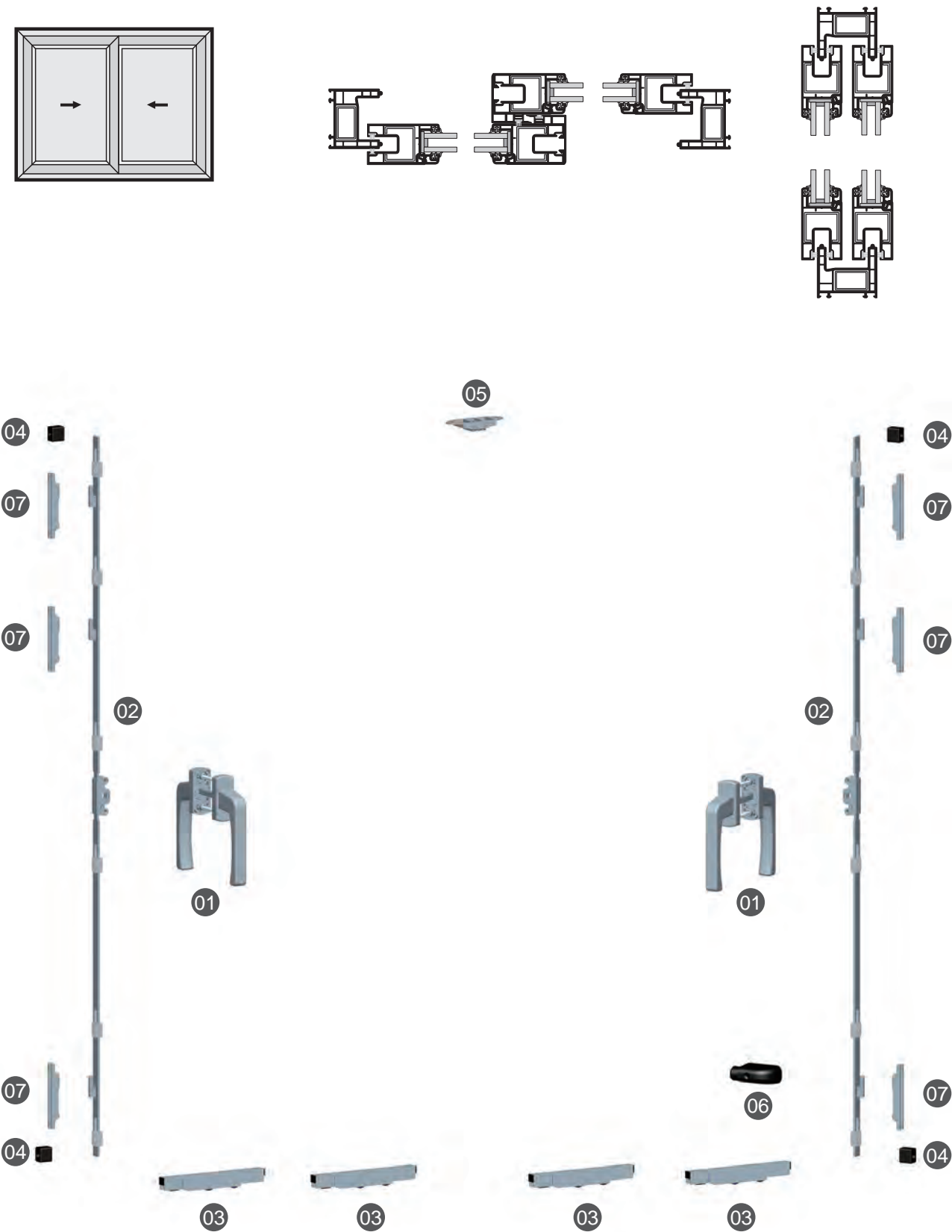
Optional Roller



Configuration Instruction

1. The maximum load bearing capacity of this configuration is 40kg, the load bearing capacity depends on the roller, please refer to roller series:
The sash weight(including the weight of glass, sash profile and other accessories) \times 1.4(Safety coefficient) \leq The maximum load bearing capacity of the roller
2. The above is only for reference. Please consult our technical department for sepecific requiriment.

2-7 SMTL200 Series Sliding Door Hardware System



Hardware Configuration for SMTL200 Series

Number	Product Name	Code	Quantity	Remark
01	Handle	PMZS001	2	Optional, Please indicate the color while placing order
02	Transmitter	PCDQ01214/I	2	Depends on window system
03	15 Adjustable Double Roller	PTHRC001	4	
04	Anti-strike Block	PFZK002	4	
05	Anti-theft Piece	PFDK001	1	
06	Anti-strike Block	T-FK-D	1	
07	Locking Plate	PSK006	6	Depends on the quantity of locking points

Exterior Handle / Plate are optional for out-door side

Exterior Handle PMZS011-01	Plate PMB101	Sliding door handle PMLS01

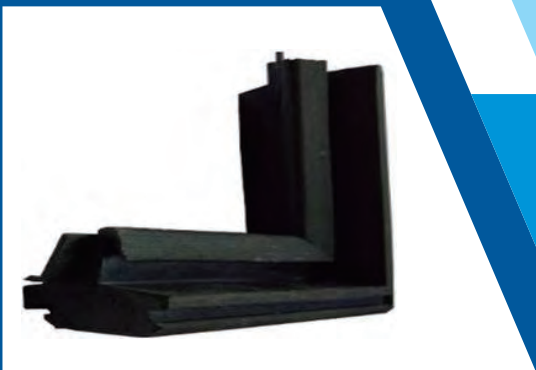
Optional Roller

12 Adjustable door roller PTMLC003K12

Configuration Instruction

- The maximum load bearing capacity of this configuration is 90kg, the load bearing capacity depends on the roller, please refer to roller series:
The sash weight(including the weight of glass, sash profile and other accessories)X1.4(Safety coefficient)≤The maximum load bearing capacity of the roller
- The above is only for reference. Please consult our technical department for sepecific requiement.

Gasket Product



Raw material and material inspection system



EPDM



Carbon Black



Oil

Newanton adopts materials of high quality. The original seal adopts that from Holland DSM, Mitsui, American DupontDow.Exxon and products from other large multinational companies. Carbon black adopts products from Germany Degussa, and Chinese Black Cat listed company, and the raw materials are all imported or from domestic brands.

High standards of raw material inspection and strict acceptance are the basis of brand assurance.

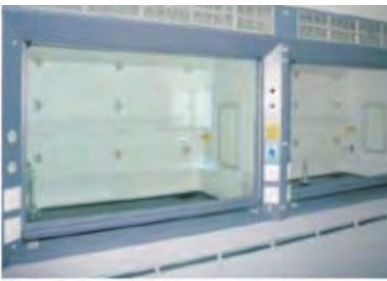
Newanton insists on the use of genuine raw materials, high-quality raw materials to ensure the high quality of the products.



Chemical analysis of raw materials



Control the quality of raw materials



Test the level of raw materials

Production and Equipment Introduction



Mixing System



Semi-finished product Cooling System



Chemical analysis of raw materials



Full size inspection

Mixing and batching system



Germany TROESTER salt bath line

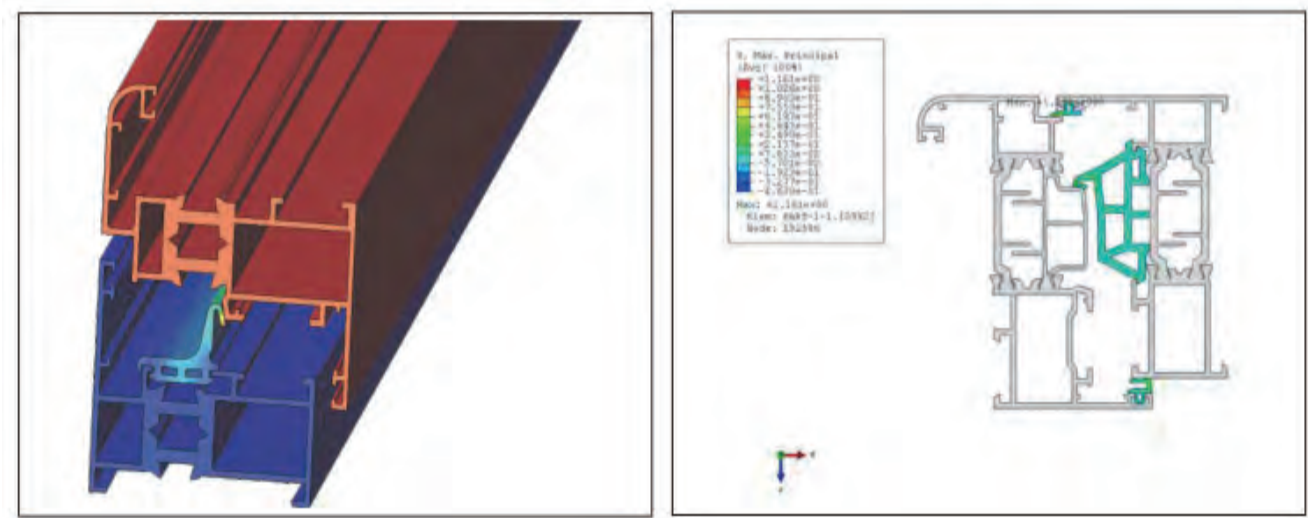


France's durferrit salt bath line

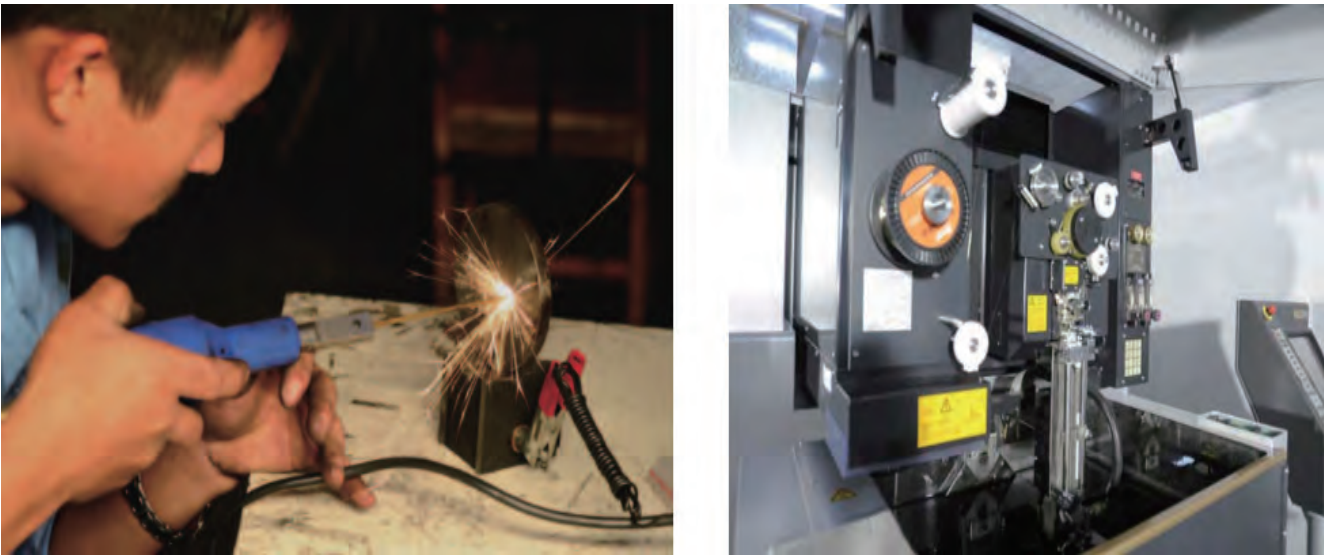


TOYOTA automobile sealing strip joint angle machine

Design, mold system



Newanton size design adopts international advanced simulation software to avoid artificial error.

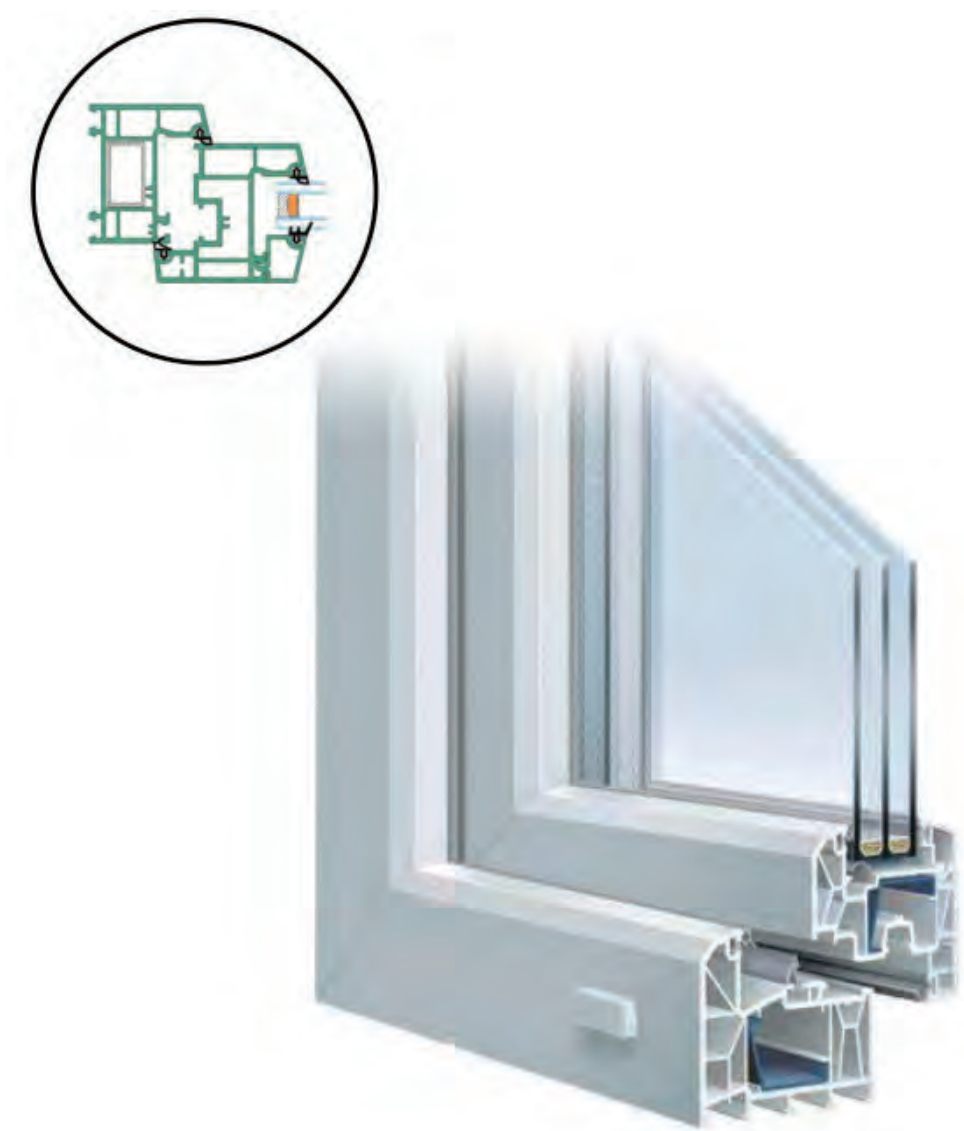


Newanton has a highly educated, high-quality, elite design team with rich experience, advanced technology and advanced equipment, which can produce the most stable mold to ensure the stability of products.

Aluminum alloy door and window sealing system



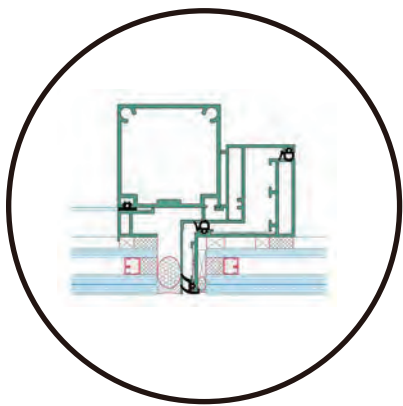
Plastic steel doors and windows sealing system



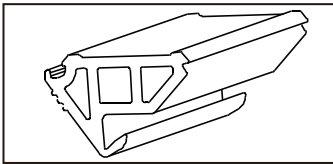
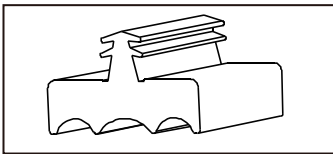
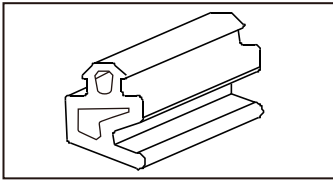
Aluminum and wood doors and windows sealing system



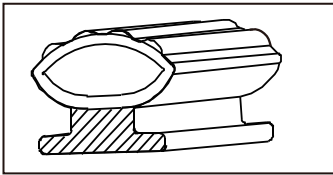
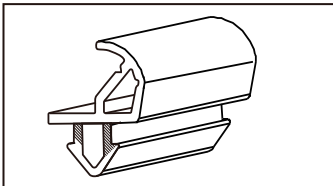
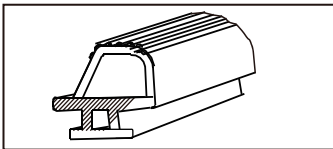
Curtain wall sealing system



Fire door and Sliding window sealing system



Flame retardant gasket: in case of open flame, it does not burn, and the flame retardant grade is up to FV- O level.
Fire expansion seal strip: in case of fire, it does not burn, and will expand instead, isolating toxic gases and extending the rescue time.



TPE/TPV gasket: composed of 2~3 different materials, which are mainly PVC, EPDM and so on, and can achieve more hardness, color co extrusion, and can realize the demand of low friction in the sliding windows, and it is environmental friendly (Recyclable).





Angle system components

The common treatment technology of gasket corner in the market at present:

- 1 、 Hot melt method: Commonly used in TPE, TPV, PVC and other thermoplastic materials, and the high temperature treatment of the corner makes the adhesive bond.
- 2 、 45° angle glue bonding method: Through a special tool, 90° angle is cut into oblique 45° angle, and bonded through EPDM glue.
- 3 、 Angle bonding: 90° angle parts adopt molding process to make the angle of the same shape and size as the strip, and bonded through the EPDM glue, in order to achieve good waterproof performance.
- 4 、 The whole frame gasket: through special process, the gasket is connected into a frame like a quadrilateral sealing ring, which basically solves the problem of air leakage and water leakage of doors and windows.

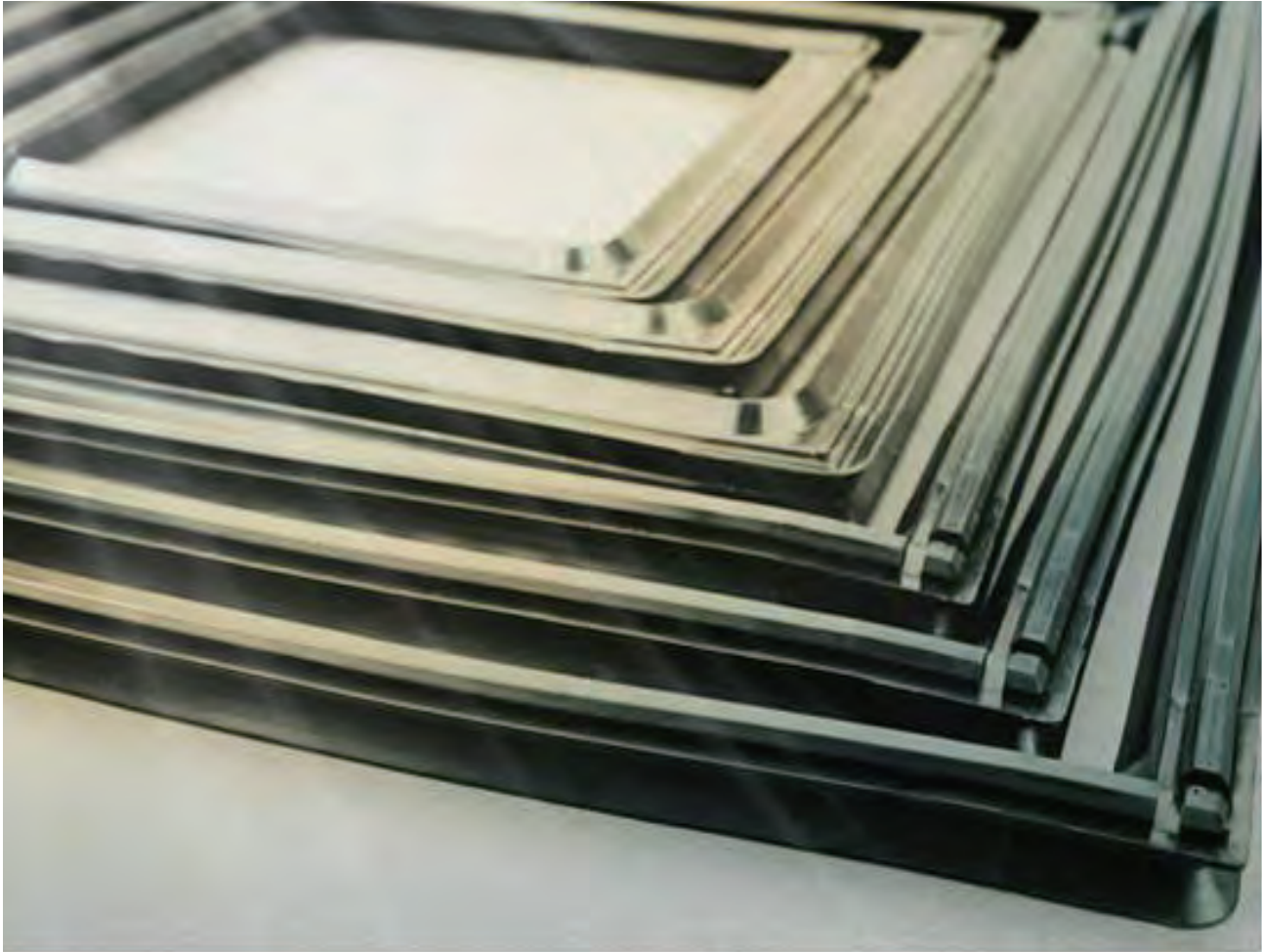


Comparison of corner treatment technology

Technology	Flow chart	Advantage	Disadvantage	Effect
Welding		High speed, high efficiency	Only the gasket containing plastic components can be welded and easy to break	Poor effect, easy to break in a short time
45° bonding		Simple process	cutting requirements for workers	The effect is generally satisfactory, and the glue is easy to crack after hardening
Corner bonding		High operability, good waterproof performance	High cost	The effect is good, not easy to leak wind and water
The whole frame		Beautiful, excellent sealing performance	Complex process, low efficiency	The effect is excellent, and the problem of air leakage and water leakage is basically solved.

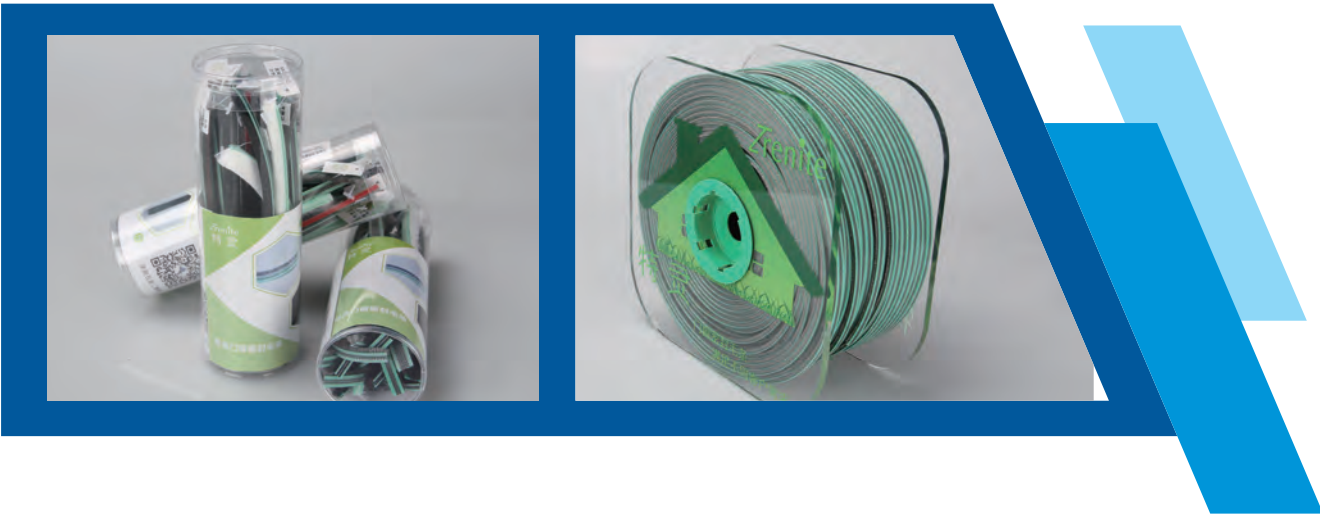
Frame gasket system

Frame gasket



The common problem of domestic doors and windows 90° parts are air leakage and water leakage problem, the corner treatment process of several existing domestic doors and windows enterprise, with the passage of time, are basically having the risk of wind leakage and water leakage. Combined with car sealing technology, Newanton brings out a whole new frame gasket used in doors and windows, adopting the glue injection process of integral casting molding, which completely solves the problem of water leakage of windows and curtain wall corner. The whole frame gasket: through special process, we connect the gasket into a frame-like quadrilateral sealing ring. According to the production process, it is divided into the overall sealing injection integral casting and corner sealing welding method.

Weatherstrip Product



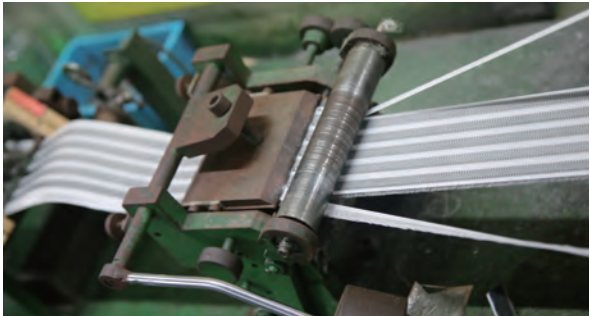
The Production Process



BCF Yarn + PP Yarn



Weaving to finalize the design



Cut into strips



Coating plastic




Pack into rolls

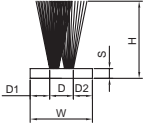


Qualified and delivery of cargo from storage

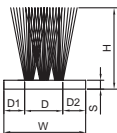
Weatherstrip Series

PB: High-elasticity And High-density Series -Introductory Foundation





Sample technology: 3P2L

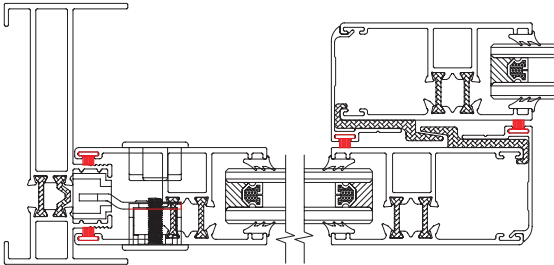


Sample technology: 3P3L

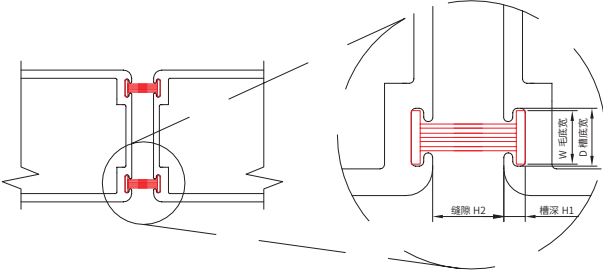
Code	Numerical Value	Dimension Tolerance
W	5-6	±0.15
D	1.9	v±0.2
S	0.75	±0.15
H	≤8	±0.25
	> 8	±0.5

D1:D2≥2:1/1:2

Single weatherstrip seal form
(Sealing between frame and sash)



Double weatherstrip seal form
(Sealing between frame and sash)




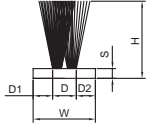
◆ Feature: special yarns, high density, high rebound

◆ W(Weatherstrip width): 4-30mm, H(Weatherstrip height): 3.5-25mm

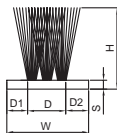
Weatherstrip Series

SP: High-elasticity And Silicone Series -Waterproof Foundation





Sample technology: 3P2L

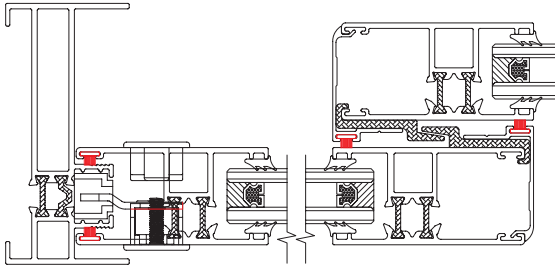


Sample technology: 3P3L

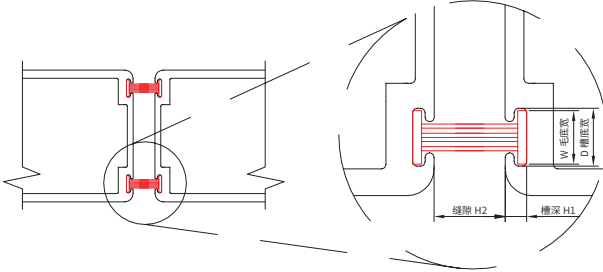
Code	Numerical Value	Dimension Tolerance
W	5-6	±0.15
D	1.9	v±0.2
S	0.75	±0.15
H	≤8	±0.25
	> 8	±0.5

D1:D2≥2:1/1:2

Single weatherstrip seal form
(Sealing between frame and sash)



Double weatherstrip seal form
(Sealing between frame and sash)




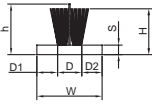
◆ Feature: special yarns, high density, high rebound, waterproof, anti-aging

◆ W(Weatherstrip width): 4-30mm, H(Weatherstrip height): 3.5-25mm

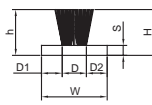
Weatherstrip Series

FN: Silicone With Fins Series - Waterproof Upgrade






Fin height≠Watherstrip height, that is H≠h



Fin height=Watherstrip height, that is H=h

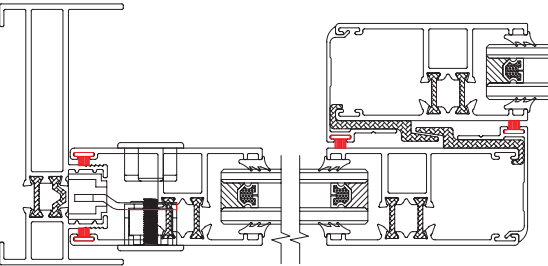


Sample technology: 4P2L

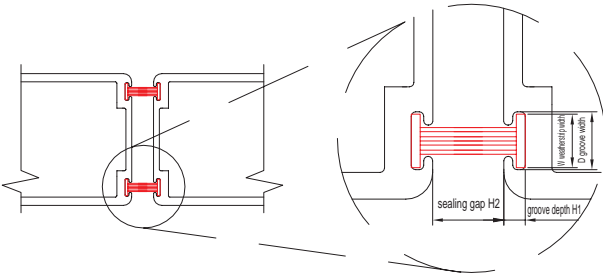
Code	Numerical Value	Dimension Tolerance
W	5-8	±0.15
D	2.5	v±0.2
S	0.75	±0.15
H	≤8	±0.25
	> 8	±0.5
h	5-20	±0.5

D1:D2≥2:1/1:2

Single weatherstrip seal form
(Sealing between frame and sash)



Double weatherstrip seal form
(Sealing between frame and sash)




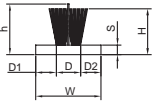
◆ Feature: special yarns, high density, high rebound, waterproof, anti-aging, high-sealing performance

◆ W(Weatherstrip width): 4-30mm, H(Weatherstrip height): 3.5-25m

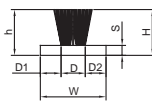
Weatherstrip Series

QF: Silicone With Fabric Series -- Waterproof Mute






Fin height≠Watherstrip height, that is H≠h



Fin height=Watherstrip height, that is H=h

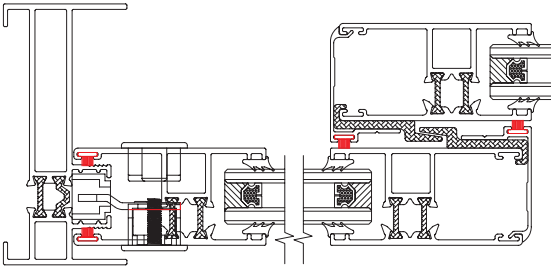


Sample technology: 4P2L

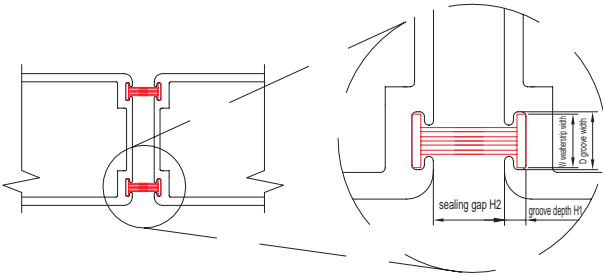
Code	Numerical Value	Dimension Tolerance
W	5-6	±0.15
D	1.9	v±0.2
S	0.75	±0.15
H	≤8	±0.25
	> 8	±0.5

D1:D2≥2:1/1:2

Single weatherstrip seal form
(Sealing between frame and sash)



Double weatherstrip seal form
(Sealing between frame and sash)




◆ Feature:special yarns,high density,high rebound,waterproof,anti-aging,sealing and mute

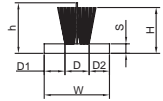
◆ W(Weatherstrip width):4-30mm,H(Weatherstrip height):3.5-25mm

61/62

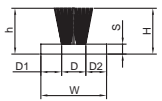
Weatherstrip Series

QF: Silicone With Fabric Series -- Waterproof Mute





Fin height≠Watherstrip height, that is H≠h



Fin height=Watherstrip height, that is H=h

Sample technology: 4P2L

Code	Numerical Value	Dimension Tolerance
W	5-8	±0.15
D	2.5	v±0.2
S	0.75	±0.15
H	≤8	±0.25
	> 8	±0.5
h	5-20	±0.5

D1:D2≥2:1/1:2

Single weatherstrip seal form
(Sealing between frame and sash)



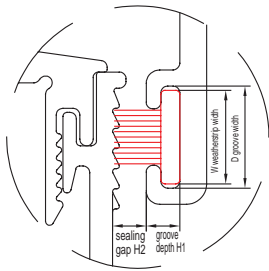
Double weatherstrip seal form
(Sealing between frame and sash)



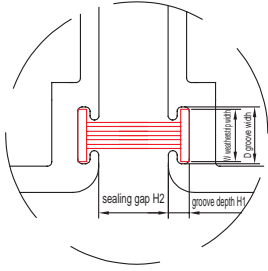
◆ Feature: special yarns, high density, high rebound, waterproof, anti-aging, sealing and mute
◆ W(Weatherstrip width): 4-30mm, H(Weatherstrip height): 3.5-25mm

Weatherstrip Configuration

Single weatherstrip(Sealing between frame and sash)

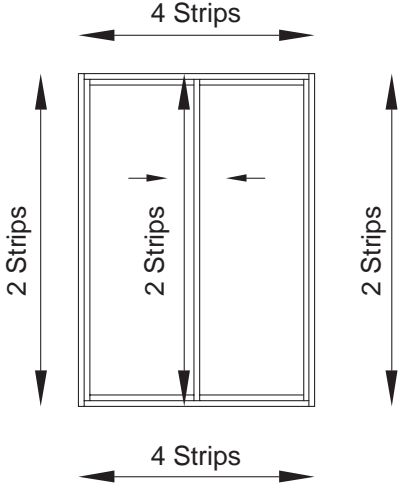
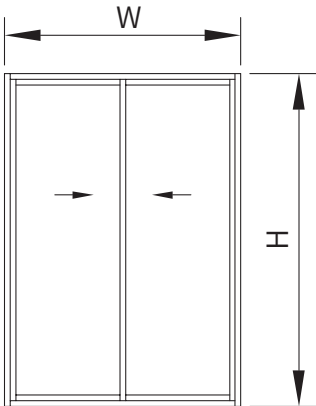


Double weatherstrip(Sealing between frame and sash)



The calculation formula of weatherstrip configuration	
Single weatherstrip(Sealing between frame and sash)	Double weatherstrip(Sealing between frame and sash)
W(Weatherstrip width) =D(Groove width) -About 0.5mm	W(Weatherstrip width)= D(Groove width) -About 0.5mm
H(Weatherstrip height) =h1(Groove depth) +h2(Sealing gap)+(1~2) mm	H(Weatherstrip height)= 【2*h1(Groove depth) +h2(Sealing gap)】 /2+(1~2)mm






The calculation formula of weatherstrip amount






- ◆ As the sliding door sketch show,first ensure sliding door size:door height H,door width W, According to profile type ensure door sash and door frame weatherstrip amount,the calculation formula is that:
- $H* (2+2+2) +W* (4+4)$
- 
- ◆ For the sliding door and window, the amount of weatherstrip is related to the size of door and window and the quantity of weatherstrip installation,the larger the size,the more the position of installing weatherstrip,the larger the overall amount, and vice versa, the smaller the overall amount.
◆ The reference weatherstrip amount of a double sash sliding door is about 20M.
◆ The reference weatherstrip amount of a double sash sliding window is about 15M.
◆ Each item accept MOQ is 20000M.

Fastening Product



Name	Standard Code	
	GB (code)	German standard
Cross Recessed Countersunk Head Screws	GB 819	DIN965
Cross Recessed Pan Head Self-tapping Screws	GB/T 845	DIN7981
Cross Recessed Countersunk Head Self-tapping Screws	GB/T 846	DIN7982
Cross Recessed Pan Head Self-drilling & Tapping Screws	GB/T15856.1	DIN7504N
Cross Recessed Countersunk Head Self-drilling & Tapping Screws	GB/T15856.2	DIN7504P
Hexagon Flange Head Self-drilling & Tapping Screws	GB/T15856.4	DIN7504K

Picture						
Name		Cross Recessed Pan Head Self-tapping Screws	Cross Recessed Countersunk Self-tapping Screws	Cross Recessed Pan Head Self-Drilling & tapping Screws	Cross Recessed Countersunk Self-Drilling & tapping Screws	Hexagon Flange Head Self-Drilling & Tapping Screws
German Standard		DIN7981	DIN7982	DIN7504N	DIN7504P	DIN7504K
Specification	length					
ST2.9	4.5		√			
	6.5	√	√			
	9.5	√	√			
	13	√	√			
	16	√	√			
	19	√	√			
	22	√	√			
	25	√	√			
	32	√	√			
	35	√	√			
ST3.5	6.5	√	√			
	9.5	√	√			
	13	√	√	√	√	
	16	√	√	√	√	
	19	√	√	√	√	
	22	√	√			
	25	√	√	√	√	
	32	√	√	√	√	
	35	√	√			
	38	√	√	√	√	
	45	√	√			
	50	√	√			
	55	√	√			
	60	√	√			
ST3.9	6.5	√	√			
	9.5	√	√			
	13	√	√	√	√	
	16	√	√	√	√	
	19	√	√	√	√	
	22	√	√			
	25	√	√	√	√	
	32	√	√	√	√	
	35	√	√			
	38	√	√	√	√	
	45	√	√			
	50	√	√			
	55	√	√			
	60	√	√			
ST4.2	9.5	√	√			
	13	√	√	√	√	√
	16	√	√	√	√	√
	19	√	√	√	√	√
	22	√	√			
	25	√	√	√	√	√
	32	√	√	√	√	√
	35	√	√			
	38	√	√	√	√	√
	45	√	√	√	√	√
	50	√	√	√	√	√
	55	√	√			
	60	√	√			
	65	√	√			

Picture						
Name		Cross Recessed Pan Head Self-tapping Screws	Cross Recessed Countersunk Self-tapping Screws	Cross Recessed Pan Head Self-Drilling & tapping Screws	Cross Recessed Countersunk Self-Drilling & tapping Screws	Hexagon Flange Head Self-Drilling & Tapping Screws
German Standard		DIN7981	DIN7982	DIN7504N	DIN7504P	DIN7504K
Specification	length					
ST4.8	9.5	√	√			
	13	√	√	√	√	√
	16	√	√	√	√	√
	19	√	√	√	√	√
	22	√	√			
	25	√	√	√	√	√
	32	√	√	√	√	√
	35	√	√			
	38	√	√	√	√	√
	45	√	√	√	√	√
	50	√	√	√	√	√
	55	√	√			
	60	√	√			
	65	√	√			
ST5.5	13	√	√			
	16	√	√			
	19	√	√	√	√	√
	22	√	√			
	25	√	√	√	√	√
	32	√	√	√	√	√
	35	√	√			
	38	√	√	√	√	√
	45	√	√	√	√	√
	50	√	√	√	√	√
	55	√	√			
	60	√	√			
	65	√	√			
ST6.3	13	√				
	16	√	√			
	19	√	√	√	√	√
	22	√	√			
	25	√	√	√	√	√
	32	√	√	√	√	√
	35	√	√			
	38	√	√	√	√	√
	45	√	√	√	√	√
	50	√	√	√	√	√
	55	√	√			
	60	√	√			
	65	√	√			



Name	Standard Code	
	GB (code)	German standard
Cross Recessed Countersunk Head Screws	GB 819	DIN965
Cross Recessed Pan Head Self-tapping Screws	GB/T 845	DIN7981
Cross Recessed Countersunk Head Self-tapping Screws	GB/T 846	DIN7982
Cross Recessed Pan Head Self-drilling & Tapping Screws	GB/T15856.1	DIN7504N
Cross Recessed Countersunk Head Self-drilling & Tapping Screws	GB/T15856.2	DIN7504P
Hexagon Flange Head Self-drilling & Tapping Screws	GB/T15856.4	DIN7504K

Inner Hexagon Socket Countersunk Head Screws 【GB70.3 / DIN7991】



Material: 316、304

DIN7991:(German standard)	
Specification(d)	Length(L)
M2	3、4、5、6、8、10、12、14、16、18、20、22、25
M2.5	3、4、5、6、8、9、10、12、14、16、18、20、22、25、30、35、40
M3	4、5、6、7、7.5、8、9、10、12、14、15、16、18、20、22、25、28、30、35、40、45、50
M4	6、7、8、9、10、12、14、16、18、22、25、30、35、40、45、50、55、60、65、70、75、80
M5	6、7、8、10、12、13、14、16、18、20、22、23、25、28、30、35、40、45、50、55、60、65、70、75、80、85、90、95、100
M6	8、9、10、12、14、15、16、18、20、22、24、25、28、30、33、35、37、38、40、45、50、55、60、65、70、75、80、85、90、95、100
M8	10、12、13、14、16、17、18、20、21.3、22、23、25、28、30、35、38、40、45、50、51.2、55、60、65、70、75、80、85、90、95、100
M10	14、16、18、20、22、25、27、30、35、40、45、50、55、60、65、70、75、80、85、90、95、100、105、110、115、120、150

Inner Hexagon Socket Cylindrical Head Screws 【GB70.1 / DIN912】



Material: 316、304

DIN912:(German standard)	
Specification(d)	Length(L)
M1.4 M1.6	3、4、5、6、8、10、12 3、4、5、6、7、8、10、12、14、16
M2	3、4、5、6、8、10、12、14、16、18、20、22、25、28、30
M2.5	3、4、5、6、8、10、12、14、16、18、20、22、25、28、30
M3	4、5、6、8、9、10、12、12.5、14、15、16、18、20、22、25、28、30、32、35、36.5、38、40、45、48、50
M4	4、5、6、7、8、10、12、14、15、16、17、18、20、22、25、27、28、30、33、34、35、37、40、45、50、55、60、65、70、75、80
M5	6、8、10、12、14、15、16、18、20、22、25、27、30、32、35、37、38、40、45、48、50、55、60、65、70、75、80、85、90、100
M6	8、10、12、14、15、16、18、20、21、22、23、25、28、30、35、38、40、45、50、55、60、65、70、75、80、85、90、100、110、120、130、140、150
M8	10、12、14、15、16、18、19、20、22、25、28、30、35、38、40、45、50、55、60、65、70、75、80、85、90、95、100、110、120、130、140、150

Hexagon Head Bolts(Full Thread) 【GB/T5783 / DIN933】



Material: 316、304、35#、45#

DIN933: (German standard)	
Specification(d)	Length(L)
M3	6、 8、 10、 12、 14、 16、 18、 20、 22、 25、 30、 35、 40、 45
M4	8、 10、 12、 14、 16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 60
M5	8、 10、 12、 14、 16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 60、 65、 70、
M6	8、 10、 12、 14、 16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 60、 65、 70
M8	10、 12、 14、 16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M10	16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M12	16、 18、 20、 22、 25、 30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M14	20、 22、 25、 30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M16	20、 22、 25、 30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M18	30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-180
M20	30、 35、 40、 45、 50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M22	50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-190
M24	50、 55、 60、 65、 70、 75、 80、 85、 90、 95、 100、 110、 120、 130-200
M27	100、 140、 180
M3	120、 140

Hexagon Socket Head Bolts(half thread) 【GB/T5782 / DIN931】

Material: 316、 304、 35#、 45#	
IN931: (German standard)	
Specification(d)	Length(L)
M8	90
M10	45、 130
M12	75
M16	60、 100



■ Rivet Nuts

Material: 304、 316、 ML08AL(carbon steel)

Surface Treatment: White Zinc,Color Zinc,Green Zinc, Blue -white Zinc,White Washing, ZnC Nickel Alloy Color

Specification:M3、 M4、 M5、 M6、 M8、 M10、 M12



■ Tooth sticks

Material:304、 316

Surface Treatment:nature finish

Specification:M6、 M8、 M10、 M12、 M14、 M16、 M20、 M24



■ Double studs

Material:304、 316

Surface Treatment:nature finish

Specification:M6、 M8、 M10、 M12、 M14、 M16、 M20、 M24

Nylon Frame Anchor NFA Series



Product Description:

- 1.Multipurpose fixation, Can be used with stainless steel screws and zinc plated screw.
- 2.Different diameters, lengths and heads provide the best solution for different applications.
- 3.The best match between Nylon anchor and screw makes the installation more convenient and ensures the safety of anchoring.

Advantages:

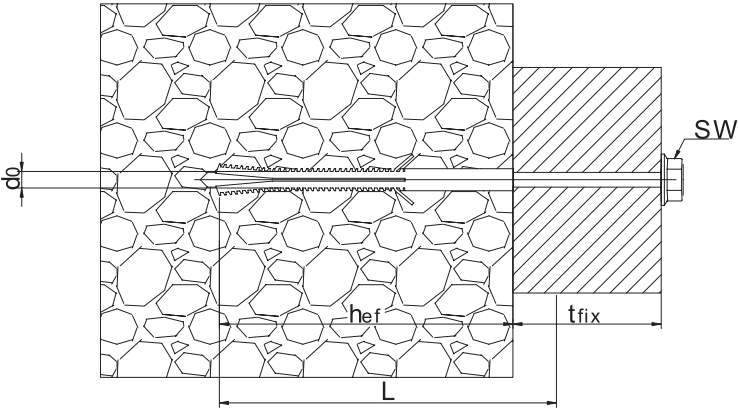
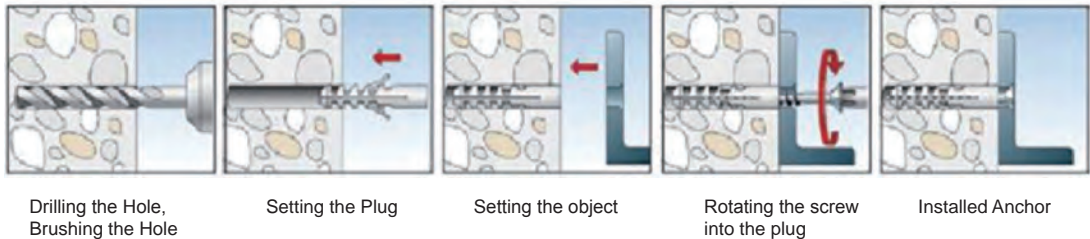
- 1.Special wing prevent expansion plug turning during penetration installation.
- 2.Knob device prevents expansion plug from turning during drilling.
- 3.Stress-free in plug neck, no damage to leveling and tile.
- 4.Penetrated-through installation and pre-insertion installation.

Application:

- 1.Suitable for Non-bearing structure & Multi-point Anchorage system.
 - 2.Suitable for standard concrete, masonry wall, Hollow preloading concrete, Reinforced concrete, plasterboard and etc.
- Note:masonry wall including: solid brick, Solid gray sand brick, porous lime brick, Lightweight concrete, hollow brick insulating brick, aerated concrete and etc.

Used to Fix:

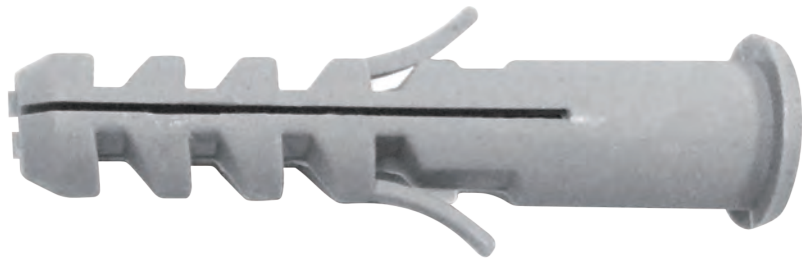
- 1.Wooden and steel building enclosures 2.Ceiling 3.Curtain rod 4.Cupboard 5.Towel rack 6.Sign Board 7.Monitor 8.Mail Box 9.Basket of flowers



Installation Data

Product Size	Plug Diameter x Length	Screw Diameter	Drill Bit Diameter	Drilling Hole Depth
NFA-8A	8X60	5.2X65	8	70
NFA-8B	8X80	5.2X85	8	90
NFA-8C	8X100	5.2X105	8	110
NFA-8D	8X120	5.2X125	8	130
NFA-10A	10X80	6.85X85	10	90
NFA-10B	10X100	6.85X105	10	110
NFA-10C	10X120	6.85X125	10	130
NFA-10D	10X140	6.85X145	10	150
NFA-10E	10X160	6.85X165	10	170

Nylon Plug NYA Series



Product Description:

- 1.Multipurpose fixation, Can be used with stainless steel screws and zinc plated screw.
- 2.Different diameters, lengths and heads provide the best solution for different applications.
- 3.The best match between Nylon Anchor and screw makes the installation more convenient and ensures the safety of anchoring.

Advantages:

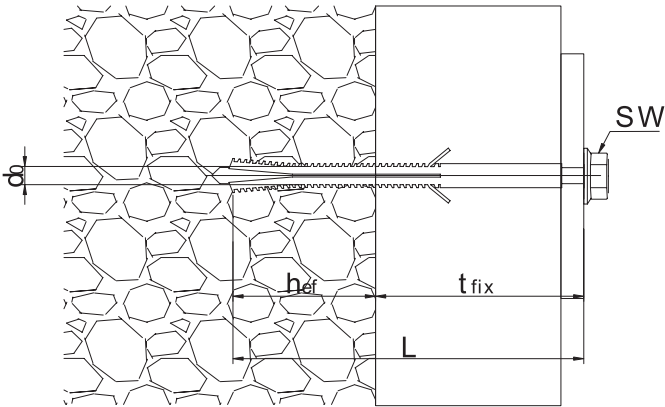
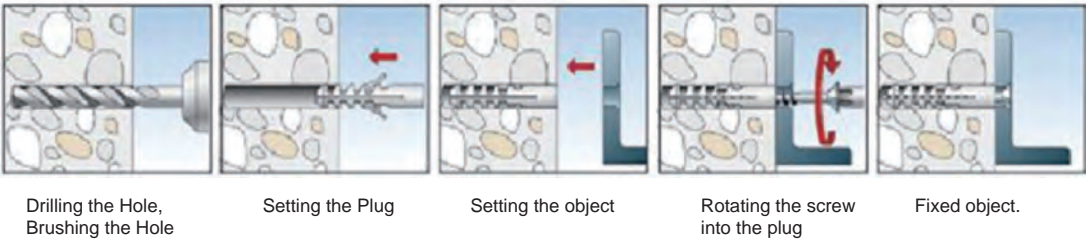
- 1.Special wing prevent expansion plug turning during penetration installation.
- 2.Knob device prevents expansion plug from turning during drilling.
- 3.Stress-free in plug neck,no damage to leveling and tile.
- 4.Through-through installation and pre-insertion installation.

Application:

- 1.Suitable for Non-bearing structure & Multi-point Anchorage system.
 - 2.Suitable for standard concrete, masonry wall, Hollow preloading concrete, Reinforced concrete, plasterboard and etc.
- Note:masonry wall including: solid brick, Solid gray sand brick, porous lime brick, Lightweight concrete, hollow brick insulating brick, aerated concrete and etc.

Used to Fix:

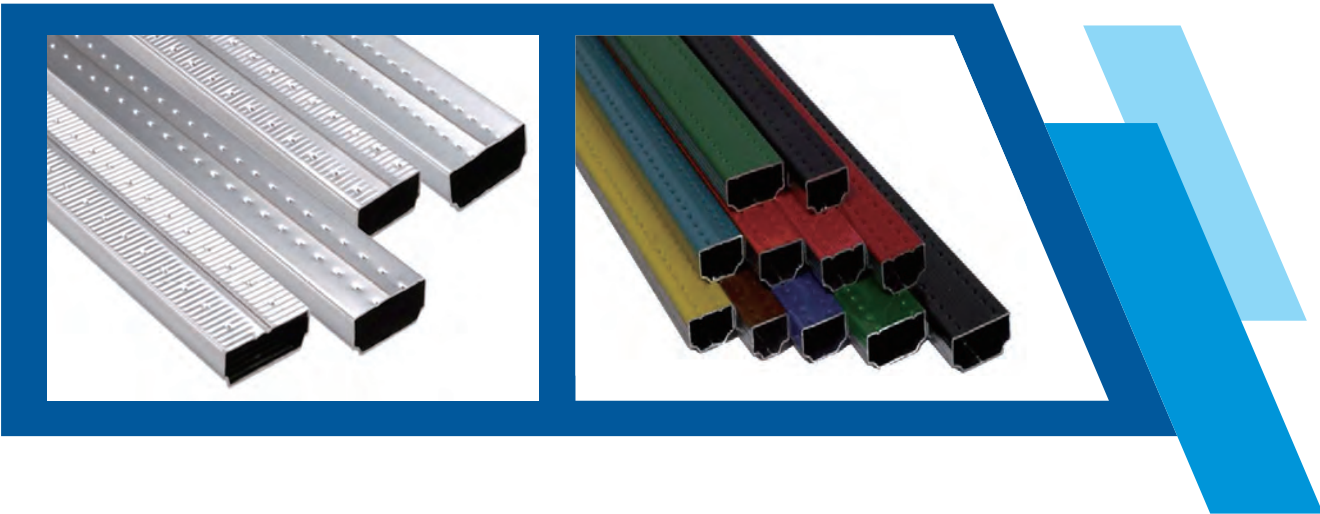
- 1.Wooden and steel building enclosures 2.Ceiling 3.Curtain rod 4.Cupboard 5.Towel rack
- 6. Sign Board 7.Monitor 8.Mail Box 9.Basket



Installation Data

Product Size	Plug Diameter x Length	Screw Diameter	Drill Bit Diameter	Drilling Hole Depth
NYA-6	6X30	4.5	6	40
NYA-8	8X40	5	8	55
NYA-10	10X50	6	10	70

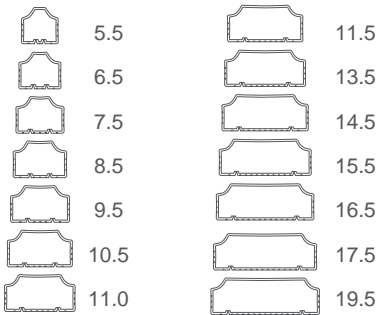
Spacer Product



1

Aluminum Space

- Non bendable spacer
- Bendable spacer
- Colored bendable spacer



Detailed Specification

TYPE	WIDTH	HEIGHT	PACKAGE	
			CARTON	IRON SHELF
Conventional Product				
6A	5.5mm	6.5mm	5m	6m
9A	8.5mm	6.5mm	5m	6m
12A	11.5mm	6.5mm	5m	6m
Nonstandard Product				
14A	13.5mm	6.5mm	5m	6m
15A	14.5mm	6.5mm	5m	6m
16A	15.5mm	6.5mm	5m	6m
18A	17.5mm	6.5mm	5m	6m
20A	19.5mm	6.5mm	5m	6m
7A	6.5mm	6.5mm	5m	6m
7B	7.0mm	6.5mm	5m	6m
8A	7.5mm	6.5mm	5m	6m
8B	8.0mm	6.5mm	5m	6m
10A	9.5mm	6.5mm	5m	6m
10B	10.0mm	6.5mm	5m	6m
11A	10.5mm	6.5mm	5m	6m
11B	11.0mm	6.5mm	5m	6m
19A	18.5mm	6.5mm	5m	6m
22A	21.5mm	6.5mm	5m	6m
23A	22.5mm	6.5mm	5m	6m
24A	23.5mm	6.5mm	5m	6m
27A	26.5mm	6.5mm	5m	6m
Can be customized for clients of different specifications, wall thickness insulating glass spacer				

2

Stainless steel spacer

- Low thermal conductivity is good for energy-saving effect of insulation glass
- Low coefficient of linear expansion is good for sealing of insulated glass
- high strength and high corrosion resistance

Detailed Specification

TYPE	WIDTH	HEIGHT	PACKAGE
			CARTON
Conventional Product			
9A	8.5mm	6.6mm	5m
12A	11.5mm	6.6mm	5m
14A	13.5mm	6.6mm	5m
16A	15.5mm	6.6mm	5m
20A	19.5mm	6.6mm	5m

Stainless steel spacer

- No volatiles appear on the surface of the spacer
- Excellent color coating adhesion
- Optimization of bending performance to ensure the sealing effect of spacer corner part
- Non-oil in whole production process, ensure complete integration with the sealant
- Plenty of colors, daily stock of black spacer, provide special color and length according to customer's requirement

4

Accessories for spacer

- Plastic corner keys
- Steel straight connectors
- Other accessories
- Gas filling corner keys
- Accessories for decorative bars

3

Chunguang CG-092 Butyl

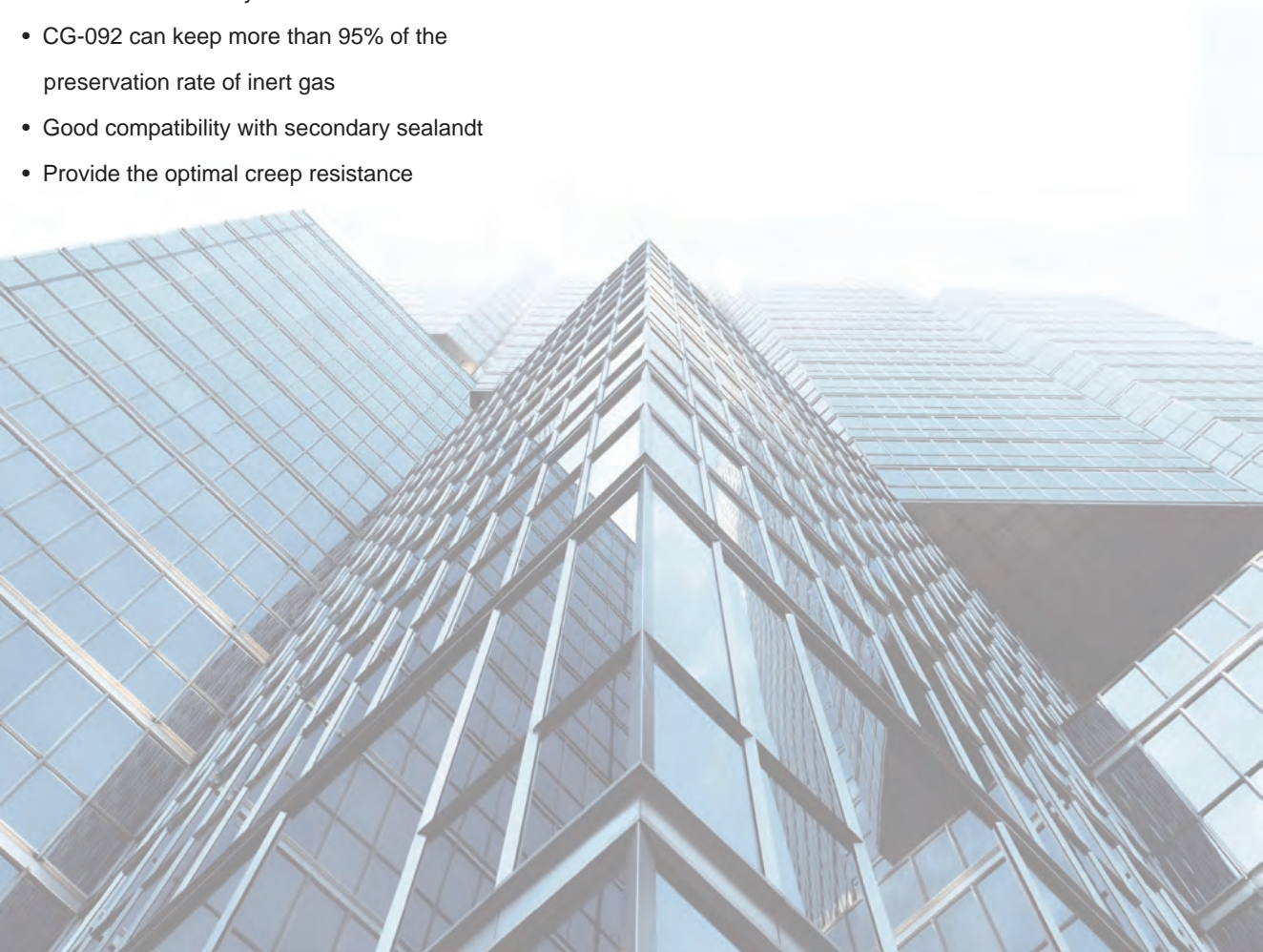
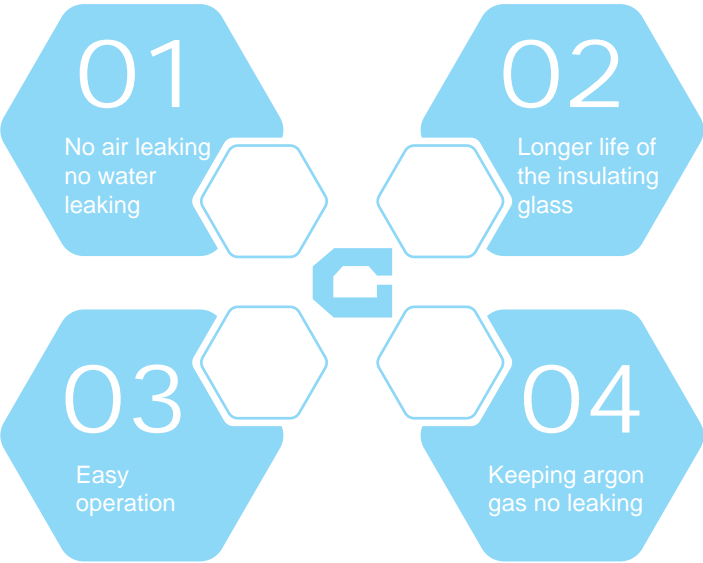
Function

- Fix the glass on both sides of the alumiumn spacer of the insulating glass
- Prevent wet air entering the insulating glass cavity body
- Prevent inert gas leaking such as krypton or argon gas

CG-092 fully meet the following requirements

- Good modifying ability
- Excellent, continuous plasticity
- Fast bonding ability between spacer and glass
- Prevent atomization
- Stable anti-UV ability
- CG-092 can keep more than 95% of the preservation rate of inert gas
- Good compatibility with secondary sealandt
- Provide the optimal creep resistance

What kind of butyl do we need?



Chunguang CG-97 Molecular Sieve

The insulating glass special molecular sieve is specially designed for the insulating glass industry, it has the characteristics of high selective adsorption, low dust content, high abrasion resistance and sufficient strength, it provides excellent comprehensive performance for insulating glass, completely solve the problem of ordinary insulating glass molecular sieve desiccant easy to make insulating glass explosion or dew caused by expansion or contraction, fully guarantee the safety and energy saving of insulating glass

Characteristic

- Highly selective adsorption
Homogeneous adsorption pore size, it can absorb vapor and hydrocarbons that can be atomized inside the insulating glass unit, and exclude the absorption of nitrogen and other mixed gases in the insulating glass unit, providing full dew point protection
- Low dust content
Special manufacturing technology, the product has very low dust content, suitable for all kinds of molecular sieve filling machine, and avoid static electricity in the use process.
- Compatibility
The scientific formula and advanced technology ensure the physical adsorption performance of the products, do not corrode the spacers (aluminum, stainless steel, PPT and other materials), and have good compatibility with the related materials of insulating glass

Technical indicators

Item		3A		
		Grain Diameter ϕ mm		
		0.5-0.9	0.9-1.5	1.5-2.0
Granularity/%		≥98.0	≥98.0	≥98.0
Crush Resistance/(N/piece)		-	≥14.0	≥20.0
Static Water Adsorption/%	RH=11.3%	≥16.5		
	RH=75%	≥20.0		
Water Absorption Rate/%		≤0.7		
Dust Capacity(NTU)		≤20	≤20	≤20
Bulk Density/(gm)		≥0.70	≥0.70	≥0.70
Static Nitrogen Adsorption/(mg/g)		≤2.0		
Water Content Of Finished Product/%		≤1.5(Calcination Temperature550°C)		
Loss On Ignition/%		≤2.0(Calcination Temperature950°C)		

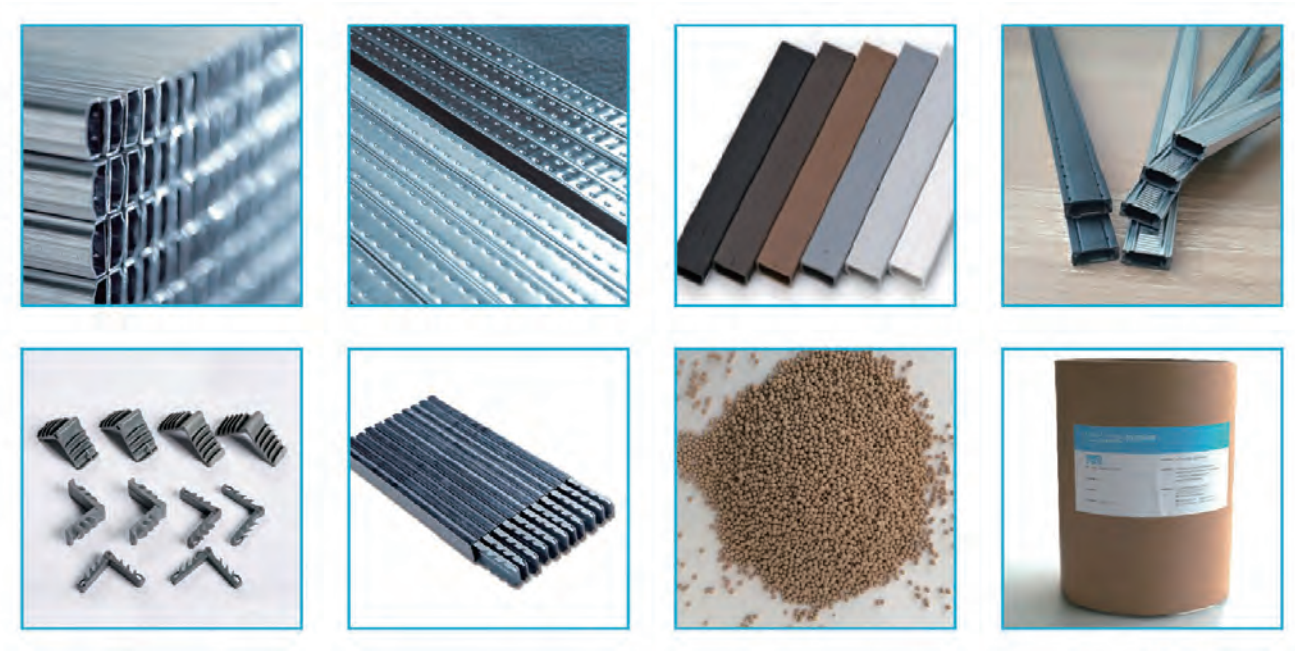
Package: 25kg paper package, inner aluminum foil
Remark: Before use, the molecular sieve should be prevented frompreadsorbing water, organic gas or liquid. Otherwise, it should be regenerated

HONOR

- Obtained the quality product certificate of hebei province
- The first group to join China insulating glass material platform
- Obtained ISO9001 international quality management system certification
- China Architectural and Industrial Glass Association member enterprise
- Won the 4th China Glass Industry 10 major brands ‘Golden Glass ’ award
- Drafting and participating in formulating “The Standard for insulating glass aluminum spacer industry”
- Drafting and participating in formulating" The Standard for insulating glass stainless steel spacer industry”
- Drafting and participating in formulating “The Standard for insulating glass warm edge spacer industry”

PRODUCTS

- Aluminum spacer
- Stainless steel spacer
- Colored aluminum spacer
- Warm edge spacer
- Accessories for spacer
- Molecular sieve
- Butyl



Building Sealant Product



Product Model: LJ-8230

Product description

One-component room temperature moisture-curable polyurethane sealant has good sealing performance and flexibility,no corrosion and no pollution to adhered substrate, no pollution to environment, puncture resistance, easy to repair, good adhesion to various substrates such assuch as concrete, cement ,stone and metal.

Product characteristics

- 1. Weather resistance, good durability, no chalking, no cracking
- 2. Single component, excellent extrusion properties, no sagging, construction easily
- 3. Low modulus, strong resistance to displacement

Main application

Sealing and waterproof of expansion joints in concrete exterior walls; applied to metal curtain wall reserved seam seal water proof Suitable for sealing and waterproof of gaps between aluminum window frames and concrete walls.

Packaging:600ml

Main application

Item	Technical index
Appearance	Black, white, gray, homogeneous paste
Extrudability (ml/min) GB/T13477.4	around 150
Sag (mm) GB/T13477.6	0
Surface dry time (h) GB/T13477.5	around 4
Mass loss rate(%) GB/T13477.19	around 3
Tensile modulus (Mpa) GB/T13477.8	23° around 0.3(60%) -20° around0.5(60%)
Tensile Strength (Mpa) GB/T 528	around 1.0
Elongation at break(%) GB/T 528	around 700
Shore A hardness GB/T 1531.1	around 25
Tensile properties at maintained extension GB/T13477.10	Non-destruction
Tensile properties at maintained extension after immersion in water GB/T13477.11	Non-destruction
Adhesion properties at variable temperatures GB/T13477.13	Non-destruction
Elastic recovery rate (%)GB/ T13477.10B	around 80
- 40~70 Working temperature(°C)	-40~70

- 1. The test data obtained at 23 ± 2 °C, and 50±5% RH;
- 2. The surface dry time test value will vary according to temperature and humidity difference.



GNS Masense Professional Use PU FOAM

GNS Masense Professional Use PU FOAM is a highest end Pu Foam product, which in independently developed by GNS. Compared to the same level product in the market, it has the longest running meters, which is generally called highest yield. It could be 1.5 times more than other brand.

PRODUCT FEATURES

- Good adhesion to a wide variety of surfaces such as UPVC, masonry, brick, block work, glass, steel, aluminum, timber and other substrates (except PP, PE and Teflon);
- Very good filling capacities;
- Application temperature is between -10°C to +40°C;
- Optimal application temperature is between +10°C to +30°C;
- It contains CFC-free propellants which are harmless to the ozone layer.

APPLICATIONS AREAS

- Installing, fixing and insulating of door and window frames;
- Filling and sealing of gaps, joint, openings and cavities;
- Connecting of insulation materials and roof construction;
- Bonding and mounting;
- Insulating the electrical outlets and water pipes;
- Heat preservation, cold and sound insulation;
- Packaging purpose, wrap the precious & fragile commodity, shake-proof and anti-pressure.

APPLICATION INSTRUCTIONS

- Shake the aerosol can for at least 40 seconds;
- Clean and moisten surfaces with a water sprayer prior to application;
- Fit the gun or plastic applicator on the adapter.
- Firmly screw the can on the adapter and turn the flow adjustment screw; Fill the holes and cavities.
- Bottom up during application; Foam will be tack-free in about 10 minutes; Excess can be trimmed in about one hour;
- Fresh foam can be removed by using Foam cleaner or acetone. Cured foam can only be removed mechanically.

STOREAGE AND SHELF LIFE

12 months in unopened packing store in temperature between +5°C to +25°C, Keep in cool, shade and well ventilated area. Always keep the can with the valve pointed upwards.

PACKAGING

750ml/900g can



SAFETY RECOMMENDATION

- Do not breathe spray/vapor; In case of eye contact, flush with water and get immediate medical attention;
- Use in well-ventilated areas;
- Wear suitable protective clothing, gloves and goggles;
- Keep away from direct sunlight and do not expose temperatures over 50°C;
- Do not burn or pierce even after use;
- Keep away from heat, sparks, flames and static electricity; Turn off sources of ignition (pilot light etc.);
- Keep out of the reach of children.

TYPICAL PROPERTIES

Base	Polyurethane
Consistency	Stable Foam
Curing System	Moisture-cure
Tack-Free Time (min)	7~12
Drying Time	Dust-free after 20-25 min.
Cutting Time (hour)	1~1.5 (+25°C)
Yield (L)	65
Shrink	None
Post Expansion	None
Cellular Structure	90~95% close cells
Specific Gravity (kg/m³)	12~20
Temperature Resistance	-40°C~+80°C
Application Temperature Range	+5°C~+35°C
Colour	Champagne
Fire Class (DIN 4102)	B2
Insulation Factor (Mw/m.k)	<30
Compressive Strength (kPa)	>120
Tensile Strength (kPa)	>30 (10%)
Adhesive Strength(kPa)	>80
Water Absorption (ML)	0.5~2(no epidermis)
	<0.5(with epidermis)



MS-801 NEUTRAL SILICONE SEALANT

Product Code:MS-801

Product Description:

MS-801 is one component,room temperature curing.Non-corrosive for most building materials.excellent weather aging resistance, Long service life;excellent ashesion. For most building materials there is no need for primer to have good adhesion.

Product Features:

- 1. Good extrudability and thixotropy
- 2. Excellent aging resistance, No seasonal limited use and outstanding weatherproofing ability
- 3. Non-acidic, will not corrode metal or other corrosion-sensitive substances.
- 4.For most building materials there is no need for primer to have good adhesion.

Main Application:

- 1.Non-structural Sealing of Glass Curtain Wall
- 2.Installation of various doors and windows and sealing of glass and window frame joints
- 3.Sealing and waterproof

Usage Restriction(Matters needing attention):

- 1. It should not be used on the surface of all materials that leak grease, plasticizer or solvent.
- 2. It should not be used in places where water is continuously immersed and wet all the year round.
- 3. Material surface temperature is lower than 4°C or higher than 40°C, which is not suitable for construction.
- 4. It is also corrosive to a few substrates. It is obvious to corrode copper and can not be used for copper substrates. Compatibility tests must be carried out for coated glass and mirror glass with unknown coatings.
- 5. It is not suitable for curtain wall and other structural applications.



Colour:

Standard colors: black, white, grey and transparent. Conatct us for special colors

Transportation and Storage:

- 1. The optimal storage temperature is required to be 0 °C-27 °C and ensure that the package must be sealed.
- 2. This product is transported as non-dangerous goods.
- 3. The shelf life is 12 months.

Packaging and product parameters:

300ml/Pcs 24 Pcs/ box



Specification	Clear	Other Color
Density	0.97g/ml	1.54g/ml
Sag	0mm	0 mm
Skin Time	2 minutes	20 minutes
Tack-free Time	0.5 hour	1 hour
Curing(5mm)	12 hours	13 hours
Hardness(Shore A)	20	42
Movement Capabi lity	±20%	±20%
Tensile Strength	0.75 MPa	0. 8 MPa
Resilience	≥95%	≥90%
Volume	300ml/590ml	

Product Model: TL-9102

Product description

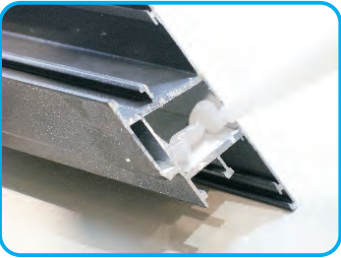
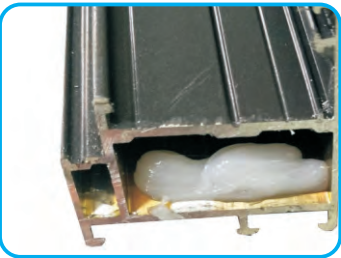
The product is a one-component polyurethane group angle adhesive, which is a one-component room temperature moisture curing seal Adhesive, solvent-free, has excellent adhesive properties, sealing properties and flexibility.

Product characteristics

- 1.High bonding strength
- 2.High strength and flexibility
- 3.Swelling during curing
- 4.Environmentally friendly solvent-free

Main application

TL-9102 is used for the connection of corner connectors and profile in aluminum doors and windows to improve the overall strength of aluminum doors and Windows, while effectively ensuring the air tightness and water tightness of the corner parts of doors and Windows, so as to solve the problems of deformation, cracking, dislocation and leakage.



Packaging:310ml

Item	Technical index	
	White, homogeneous paste	White
Appearance	White, homogeneous paste	White
Extrudability (ml/min) GB/T13477.4	≥80	320
Sag (mm)GB/T13477.6	≤3	0
Surface dry time (h) GB/ T13477.5	≤360	40
23°C Shear strength (Mpa) JC/T7124.7	≥3.0	39
80°C Shear strength (Mpa) JC/T7124.7	≥2.0	45
-20°C Shear strength (Mpa) JC/T7124.	≥4.0	45
Mass loss rate(%)	<5	<2
Working temperature (°C)	4 0~90	



- 1. The test data obtained at 23 ± 2°C and 50±5% RH;
- 2. The surface dry time test value will vary according to temperature and humidity difference.

Product Model: TL-9002

Product description

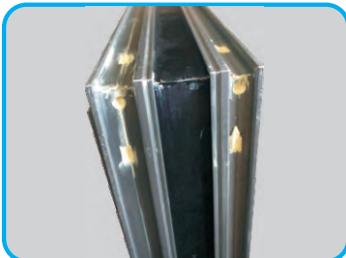
This product is a two-component polyurethane corner angle adhesive , dividing into two components A and B, component A mainly containing a curing agent, the B component mainly containing isocyanate.

Product characteristics

- 1. Fast curing.
- 2. High bonding strength.
- 3. High shear strength.
- 4. Easy to use

Main application

TL-9002 is used for the design of aluminum , steel-plastic co-extrusion , wood-aluminum composite, aluminum-plastic composite doors and Windows connected by corner connectors , bonding corner connectors and profile cavity wall to strengthen the structure, which will solve some problems,such as the window corner cracking, dislocation, deformation and leakage.



Packaging:300ml+300ml

Item	Technical index	
	A component	B component
Appearance	White, homogeneous paste	Yellow, homogeneous paste
Viscosity (MPa.s)	700000~100000	140000~180000
Tensile Strength (Mpa) GB/T 528	around 30	
Shear strength (Mpa) GB/T 528	around 10	
Shore D hardness GB/T 1531.1	around 85	
Operating time (min)	around 40	
Full curing time (h)	around 24	
Working temperature(°C)	5~35	

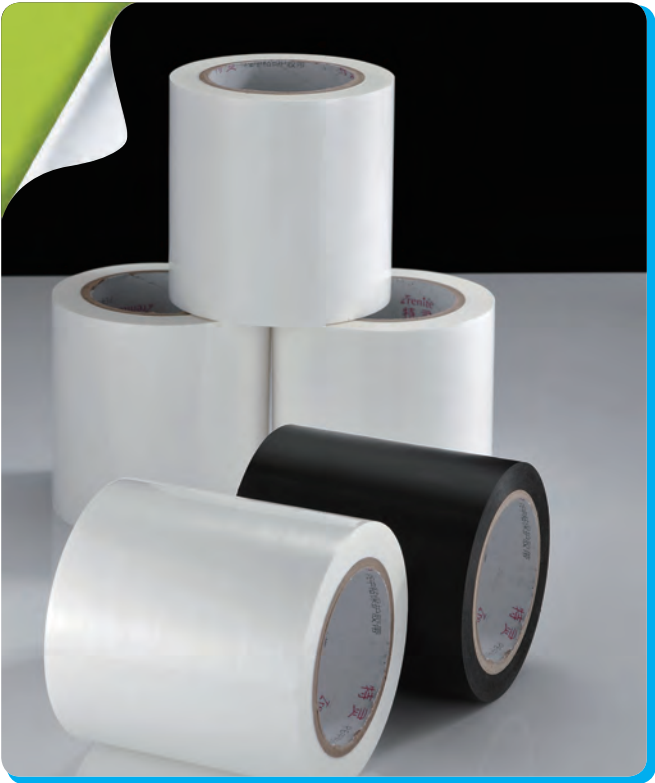


- 1. The test data obtained at 23 ± 2°C and 50±5% RH;
- 2. The operating time and full curing time will vary according to temperature and humidity difference.

Construction Tape Product



PE Tape (JA Series)



Definition

PE, the full name is Polyethylene, the simplest polymer organic compound. Because of its soft, good adhesion, easy stick and peel, no adhesive residue after peeling, it is widely praised by the industry.

Feature

Stable adhesion, no adhesive residue after peeling.

Application

Widely applied for varies profile of window and door, varies types of plates, doors and glass whose surface needed to protect.



Parameter

Model	Size:(Width*Length)	Thickness	Viscosity	Finish of sticked surface	Color
JAZ08	80mmx50m 100mmx50m 120mmx50m	0.08mm	Medium viscosity	Smooth suface (such as electrophoresis)	Milk white
JAG08	80mmx50m 100mmx50m 120mmx50m	0.08mm	High viscosity	Rough surface (such as spray painting)	Milk white
JAG08	80mmx50m 100mmx50m 120mmx50m	0.1mm	Medium viscosity	Smooth suface (such as electrophoresis)	Milk white
JAG10	80mmx50m 100mmx50m 120mmx50m	0.1mm	High viscosity	Rough surface (such as spray painting)	Milk white

Selection tips:

The viscosity selection of PE tape need to difference from the smoothness of the sticked surface.

Masking Tape (JB Series)



Definition

Masking tape is a roll-shaped tape which made of crepe paper and glue as the main raw material, coated with adhesive on paper and coated with anti-adhesive material on the other side. It has features of high temperature resistance, good resistance to chemical solvents, high adhesion, softness and no adhesive residue after peeling.

Feature

Easy stick and peel.

Application

It is widely used in the protection of raw materials on the exterior wall of building curtain wall. It can provide instant adhesion and ideal paste, apply to light interior decoration and cover. It can be stably stuck on the corners and contours.



Parameter

Model	Size:(Width*Length)	Thickness	Viscosity	Color
JBZ16	18mmx20m 20mmx20m 24mmx20m	0.16mm	Medium viscosity	Beige

Note:

The width of tape can be customized according to

Foam Tape (JC Series)



Definition

Foam tape is made of foamed substrate with glue on. It has excellent sealability; excellent compression resistance, that is durable elasticity, provides accessory with long-term shockproof; Excellent wetting on the surface, easy bond, easy operation, easy cut; long-lasting viscosity, large peeling resistance, strong initial tack, good weather resistance! Fit snugly on curved surfaces.

Feature

Easy connection and fixed.

Application

Widely used in forming of aluminum composite, bonding of window gap, door gap, plastic with low bonding ability, powder coating surface and etc.



Parameter

Model	Size:(Width*Length)	Thickness	Viscosity	Color
JCG20	18mmx15m 20mmx15m	2.0mm	High viscosity	White
JCG25	18mmx12m 20mmx12m	2.5mm	High viscosity	White
JCG30	18mmx10m 20mmx10m	3.0mm	High viscosity	White

Note:

The width of tape can be customized according to customer demand.

Wrapping Film(JG Series)



Definition

Wrapping film, also known as stretch film, is characterized by softness, lightness, superior stretchability, puncture resistance and tear resistance, and has large retractability and long-lasting tightening force. High transparency, high longitudinal elongation, high yield strength and lateral tear strength.

Feature

Environmental protection, tear resistance, puncture resistance, tensile properties

Application

Widely used in the protection of aluminum and door mullion, profile protection, warehouse storage and logistics palletizing and other fields.



Parameter

Model	Size:(Width*Length)	Thickness	Viscosity	Color
JGW03	20kg/bags	0.03mm	N/A	Transparent

Note:

Standard width: 60mm, 80mm, 100mm,120mm etc.

Paper Tape(JH Series)



Definition

The base material of paper tape is paper, with features of water resistance, solvent resistance, fast paste, easy peel, no residue, easy break, available for writing and etc.; It is especially suitable for outdoor work and have a good effect of branching.

Feature

Won't be dissolved by chemical flux.

Application

Mainly used for construction decoration, indoor and outdoor painting, metal, rubber, plastic parts, automobile manufacturing, furniture, office furniture, wood, musical instruments, sports equipment, etc.



Parameter

Model	Size:(Width*Length)	Thickness	Viscosity	Color
JHG10	18mmx20m 20mmx20m	0.10mm	Medium viscosity	yellow

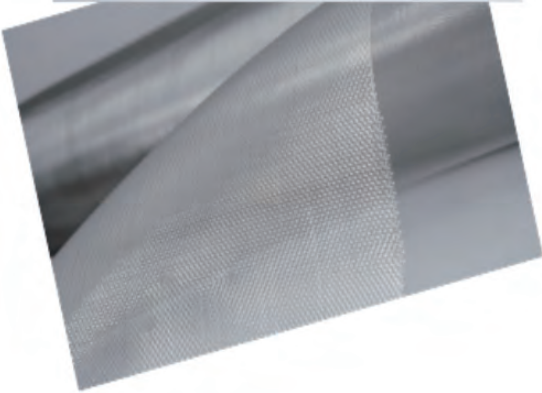
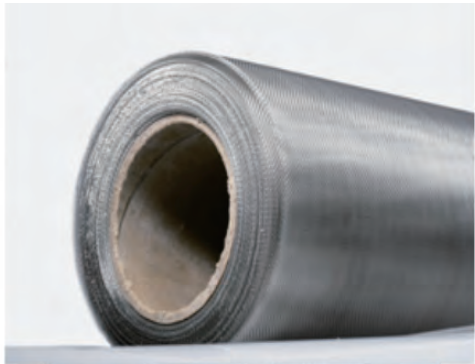
Note:

The width of tape can be customized according to customer demand.

Mesh Product



Mesh Product



- ◆ Mesh product using low carbon steel wire, medium carbon steel wire, high carbon steel wire, stainless steel wire and other materials, woven or welded into the network structure.
- ◆ Mainly for doors and windows, balconies, industrial manufacturing, outdoor and other ways protection.

The weaving technology of mesh

01

Simple(plain)weave



02

Ginning weave



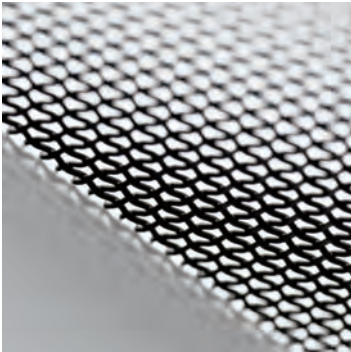
03

Spot welding type



Security Mesh 304/316L

National standard 304/316 stainless steel, 7 items passed the testing

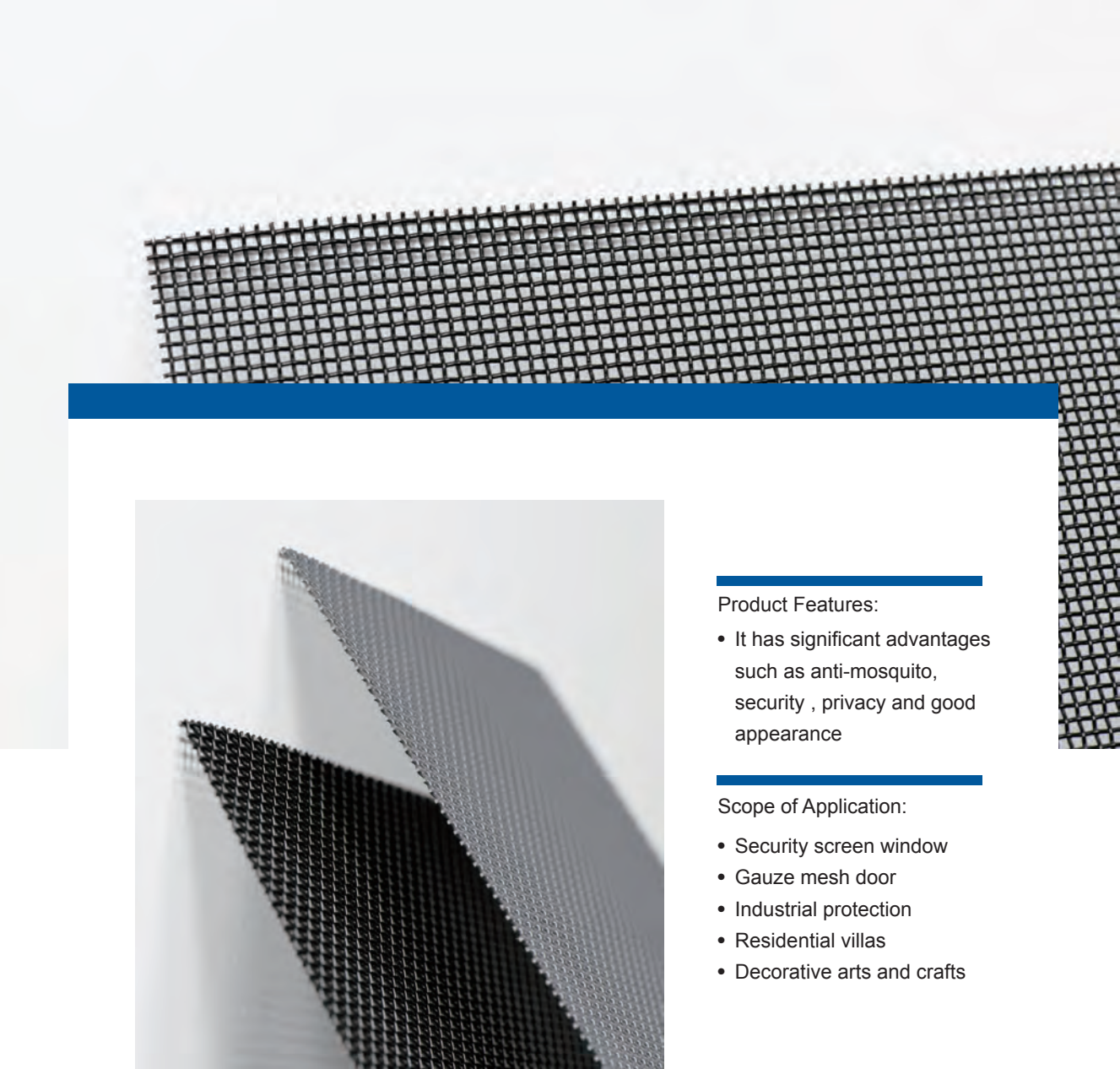


Product Parameters

Product name	Security mesh 304/316L
Brand name	KIN LONG
Product material	S.S.304/316L
Weaving method	Plain weave
Wire diameter	0.3mm(18items) 0.45mm(14items) 0.50mm(14items) 0.55mm(14items) 0.60mm (14items) 0.70mm(12items) 0.80mm(11items) 0.90mm(11items) 1.0mm(10items)
Color	Black/grey/silvery/light grey
Width(m)	0.8m/0.9m/1.0m/1.1m/1.2m/1.3m/1.5m
Length(m)	2.4m/31.5m
Packing	Wood box for free fumigation

Security Mesh 304/316L

National standard 304/316 stainless steel, 7 items passed the testing



- Product Features:
- It has significant advantages such as anti-mosquito, security , privacy and good appearance

- Scope of Application:
- Security screen window
 - Gauze mesh door
 - Industrial protection
 - Residential villas
 - Decorative arts and crafts

304 Stainless Steel Gauze Mesh

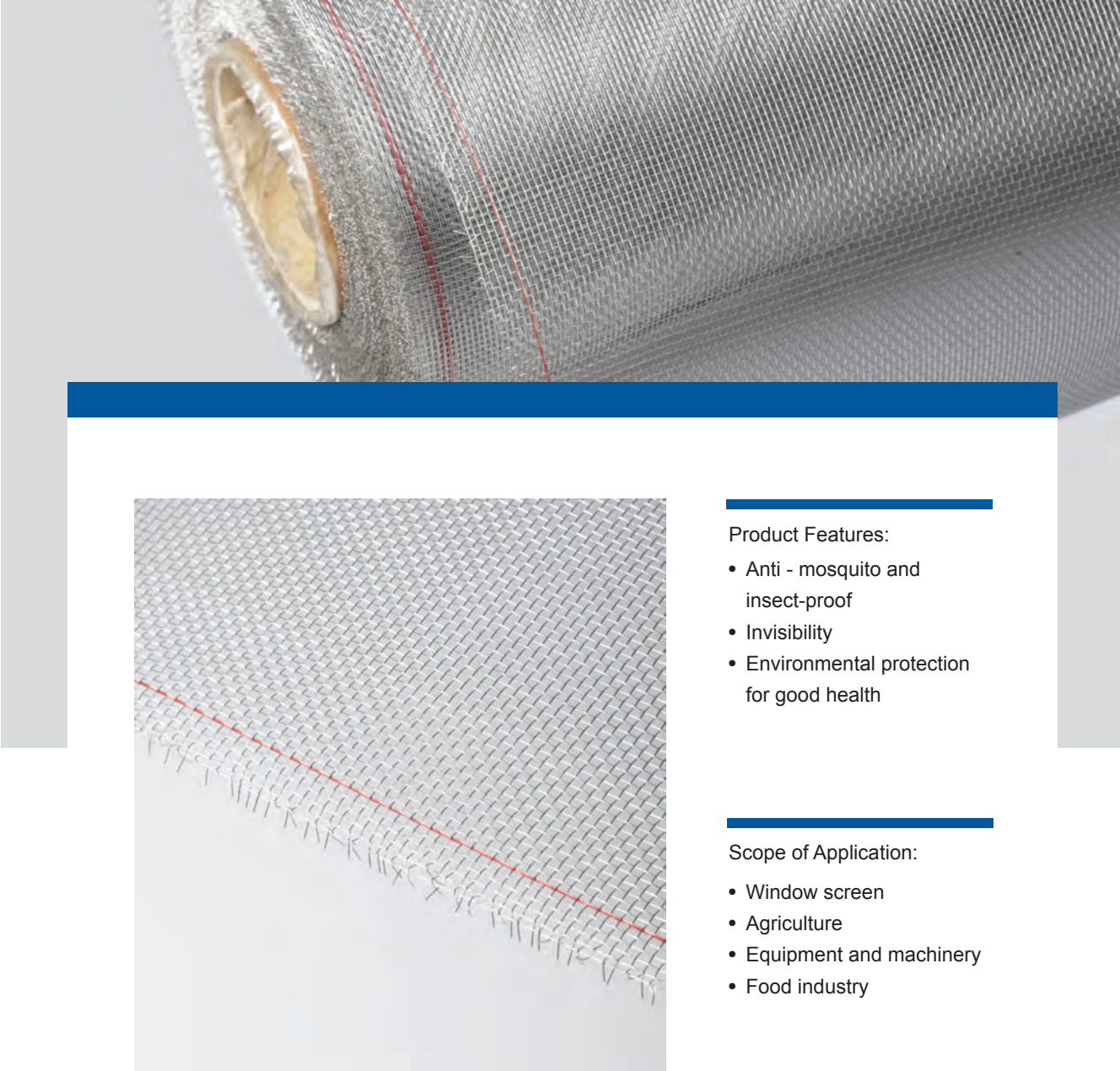
can be widely used, high practicality



Product Parameters

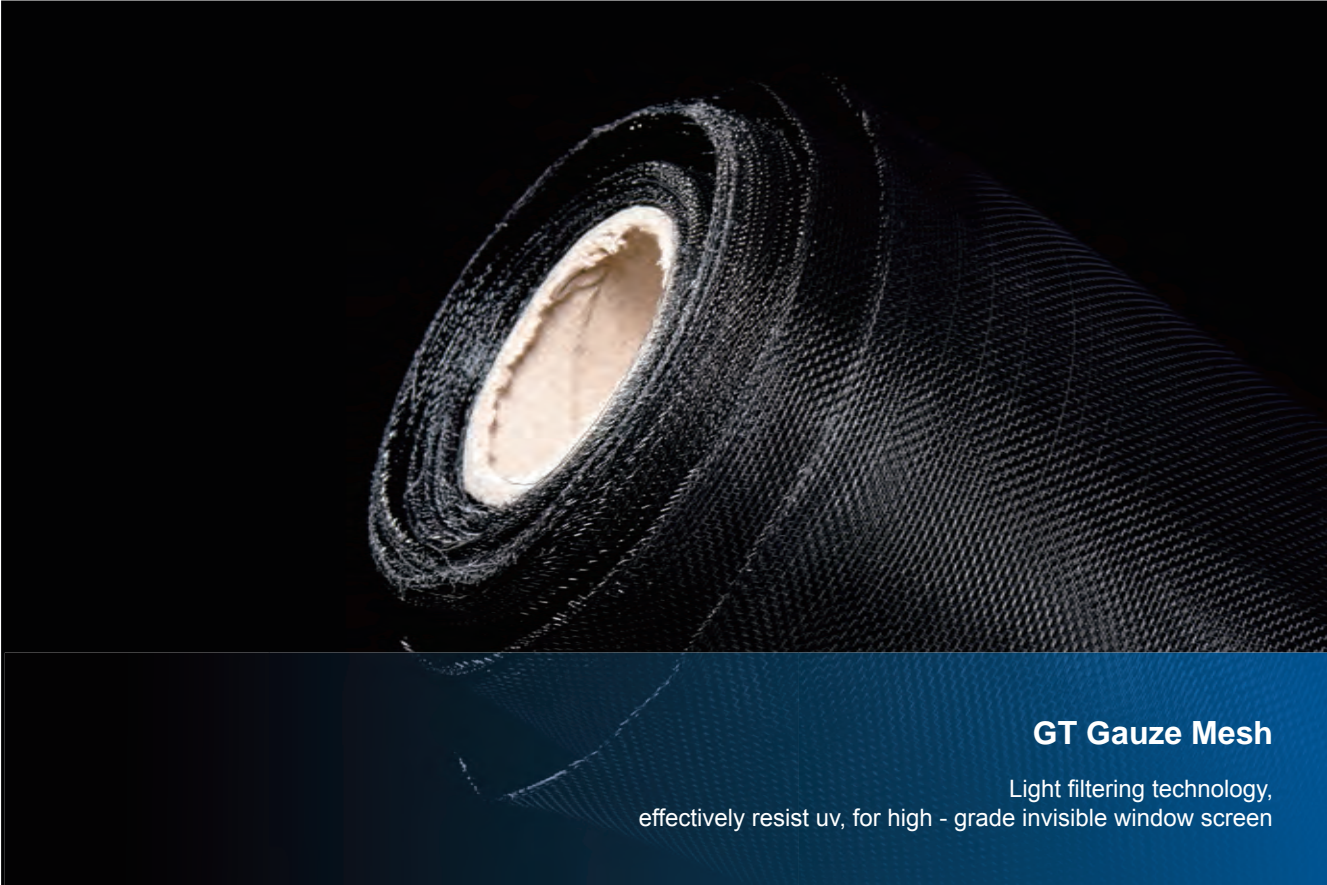
Product name	304 stainless steel gauze mesh
Brand name	KIN LONG
Product material	S.S.304
Weaving craft	Plain weave
Suface finish	pichling
Wire diameter	0.11mm(22×22) 0.13mm(22×22) 0.16mm(18×16)
(Mesh number)	0.15mm(22×21) 0.16mm (22×21) 0.23mm(22×20)
Color	silvery original
Width(m)	0.8m/0.9m/1.0m/1.1m/1.2m/1.5m
Length(m)	30m

304 Stainless Steel Gauze Mesh



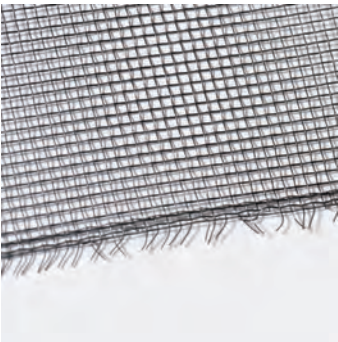
GT Gauze Mesh(window screen)

High - grade invisible window screen



GT Gauze Mesh

Light filtering technology,
effectively resist uv, for high - grade invisible window screen

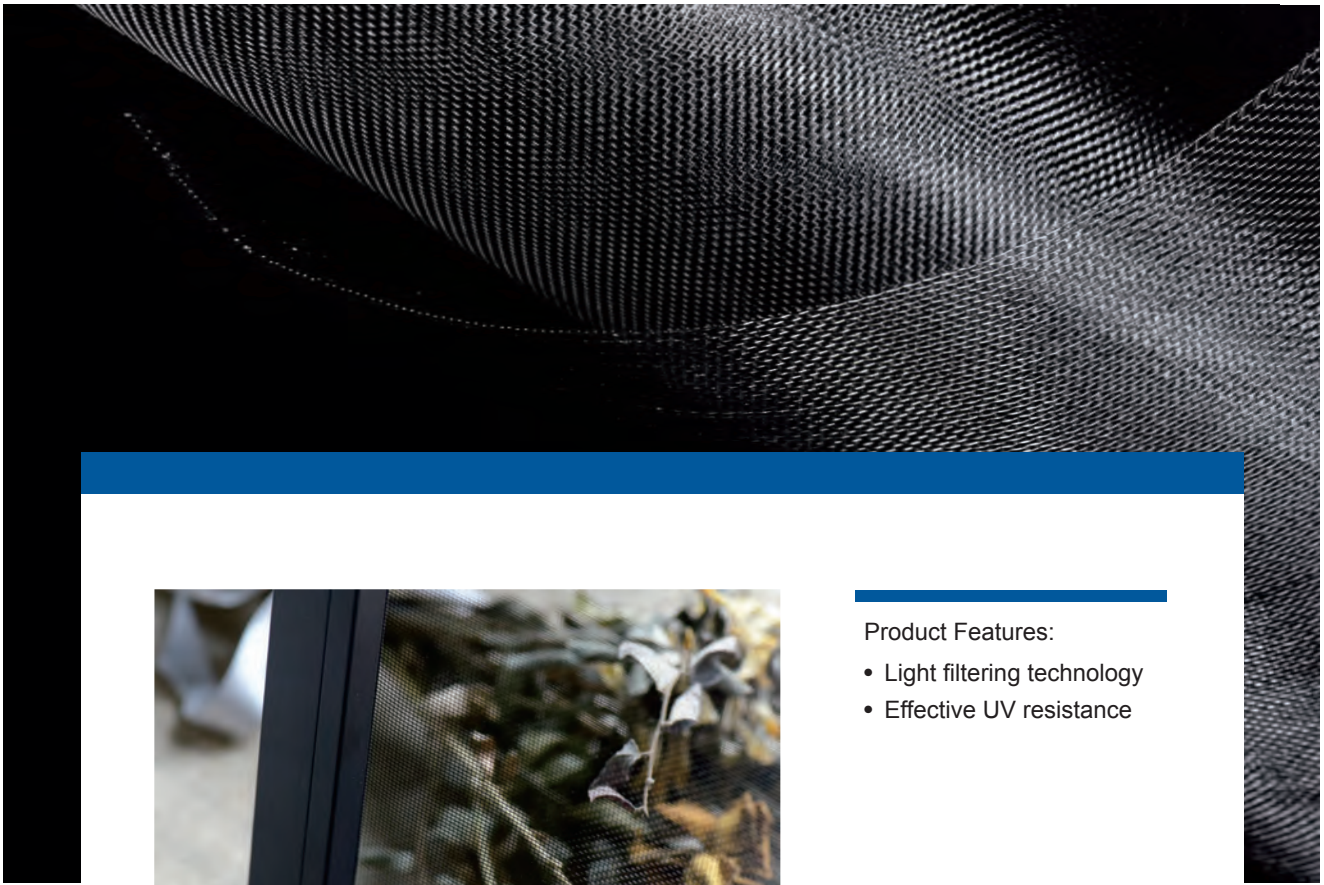


Product Parameters

Product name	Black sprayed ss gauze mesh (304)
Brand name	KIN LONG
Product material	304 stainless steel
Wire diameter	0.18mm
(Mesh number)	20×20mesh
Color	Black
Width(m)	0.6m/0.7m/0.8m/0.9m/1.0m/1.2m/1.5m
Length(m)	30m
Packing	Export special fumigation-free wooden box

GT Gauze Mesh(window screen)

High - grade invisible window screenzz



- Product Features:
- Light filtering technology
 - Effective UV resistance

- Scope of Application:
- Anti-mosquito and Insect-proof screen window
 - Invisible window screen
 - Handicraft
 - Fashion decoration

Fiberglass Gauze Mesh

Excellent flame retardant fuction, this is a big advantage that is loved by customers at home and abroad.

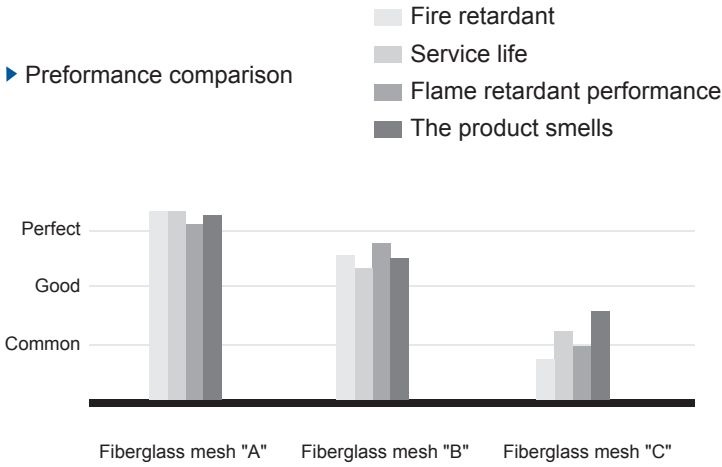
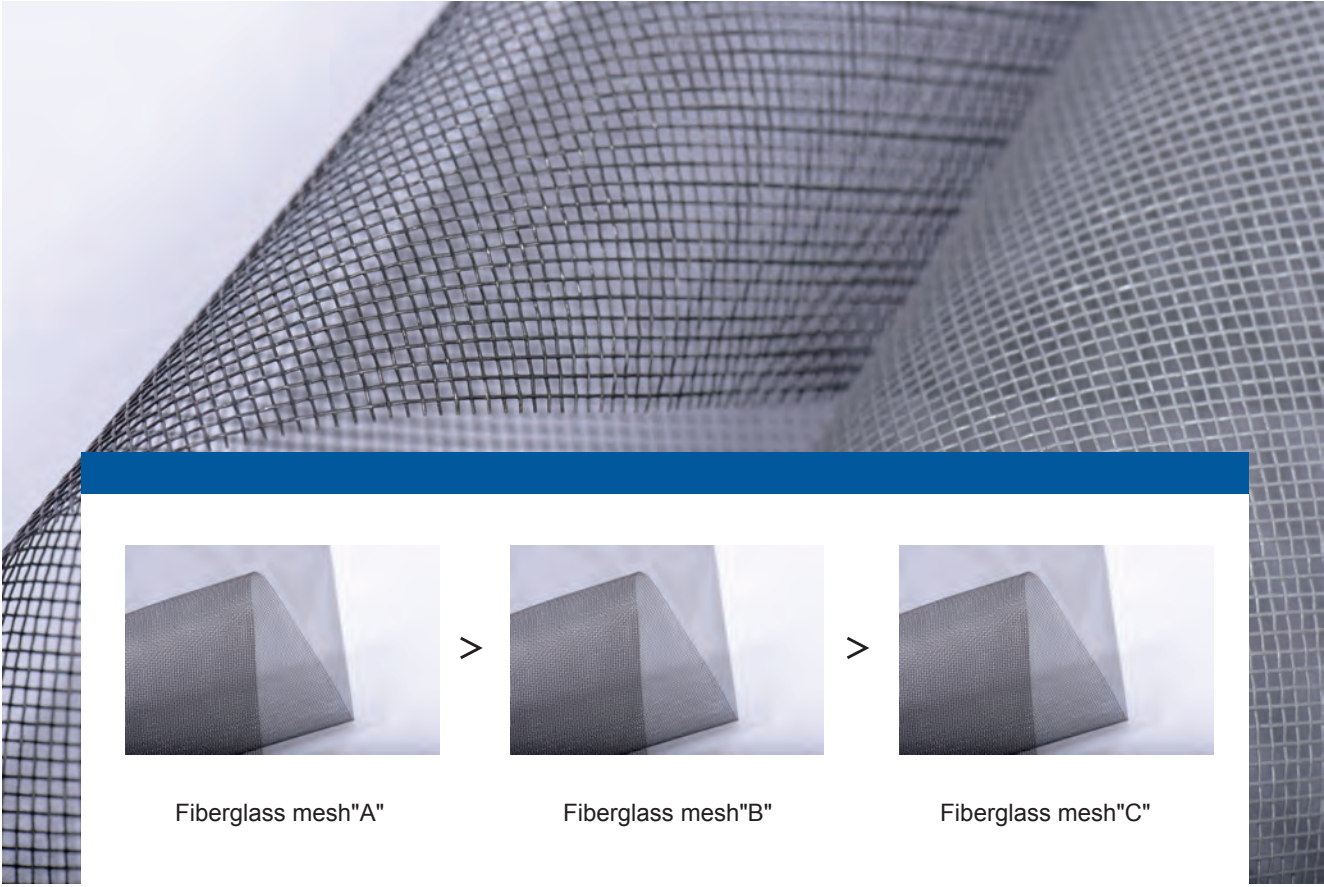


After burning
Fire will not damage the figberglass wire

Product Parameters	
Product name	Fiberglass gauze mesh
Brand name	KIN LONG
Product material	Glass fiber + PVC resin
Mesh number/g weight	
General	15×17(105gsm) /16×18(112gsm) /20×20(130gsm)
Customization	22×22(145gsm) /25×25(165gsm)
Color	Grey/black/white/greyish white/brown/green/blue
Width(m)	0.6~3.0/1.96ft~9.84ft
Length(m)	30m/100m/300m/100ft/300ft

Fiberglass Gauze Mesh

Excellent flame retardant fuction, this is a big advantage that is loved by customers at home and abroad.



- Product Features:
- Fire retardant
 - Flame retardant is superior
 - Long service life
 - No harmful pollution
 - No volatile odor
 - Contains anti-uv ingredients

- Scope of Application:
- Anti-mosquito and Insect-proof screen window
 - Invisible screen window
 - Outdoor tent

Anti-haze Gauze Mesh

The real enemy is invisible dust.



Anti-haze Gauze Mesh

Multiple protection dust and water proof

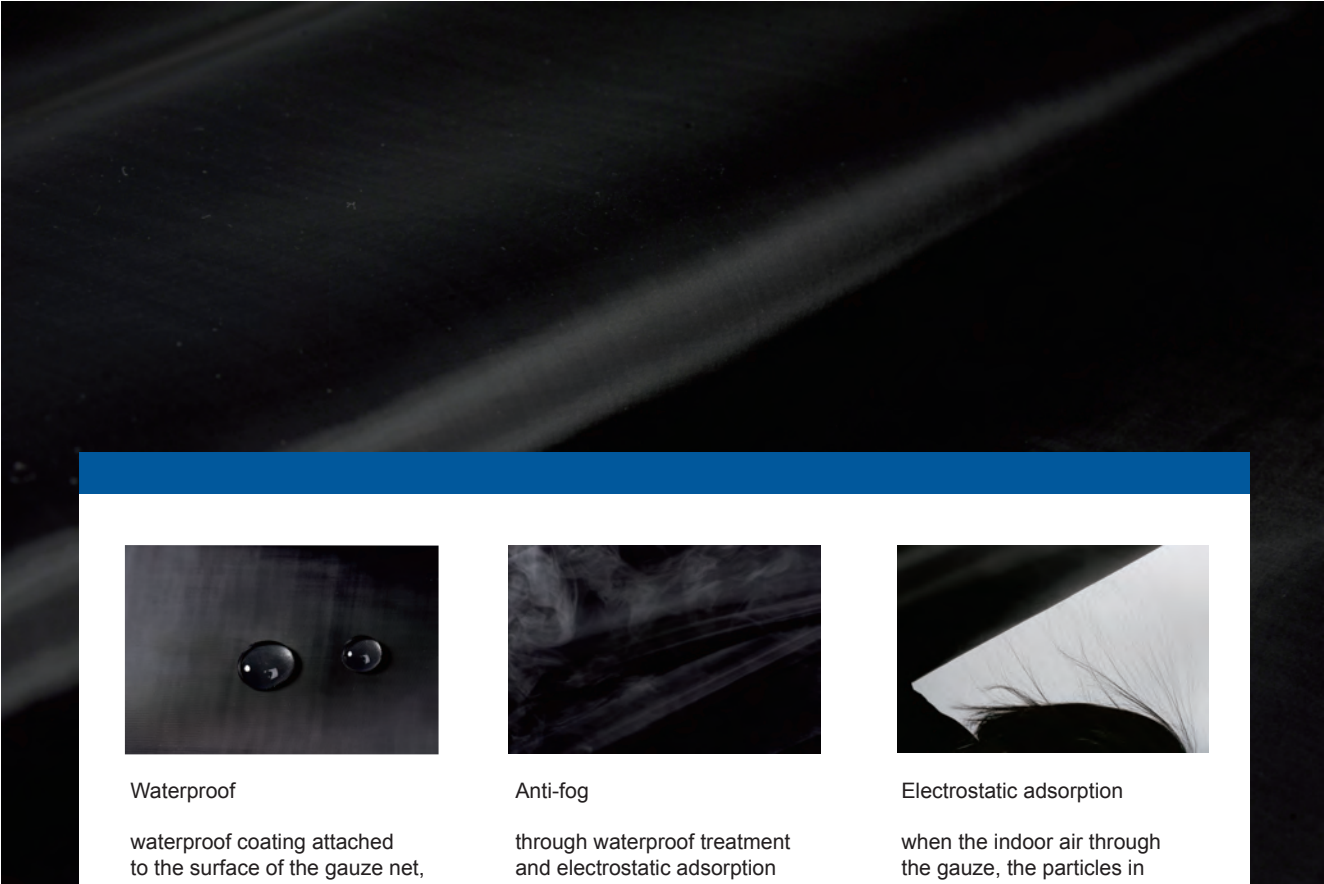


Product Parameters

Product name	Anti-haze gauze mesh
Brand name	KIN LONG
Product material	Japan imports polyester
Color	Black
Width(m)	1.0m/1.2m/1.5m
Length(m)	50m

Anti-haze Gauze Mesh

The real enemy is invisible dust.



Waterproof

waterproof coating attached to the surface of the gauze net, the surface tension is very low; Increase the hydrophobic, oil drainage, anti-fouling and others properties of the surface of the gauze



Anti-fog

through waterproof treatment and electrostatic adsorption technology, realize the evacuation of rainwater from gauze net and block the haze to achieve the filtering function



Electrostatic adsorption

when the indoor air through the gauze, the particles in the air(including microorganisms) with positive charge is adsorbed to the sand net



Product Features:

- Regular washing with water can be clean as new
- The affinity of the profile is very high, most of window screen on the market can be replaced by this gauze

Scope of Application:

- Anti-mosquito and Insect-proof screen window
- Invisible screen window
- Outdoor tent

Micron Gauze Mesh

A gauze that is not easily stained with dust



Micron Gauze Mesh

The material conforms to the European Union heavy metal environmental protection standard (RoHs 2011/65/EU environmental protection directive)

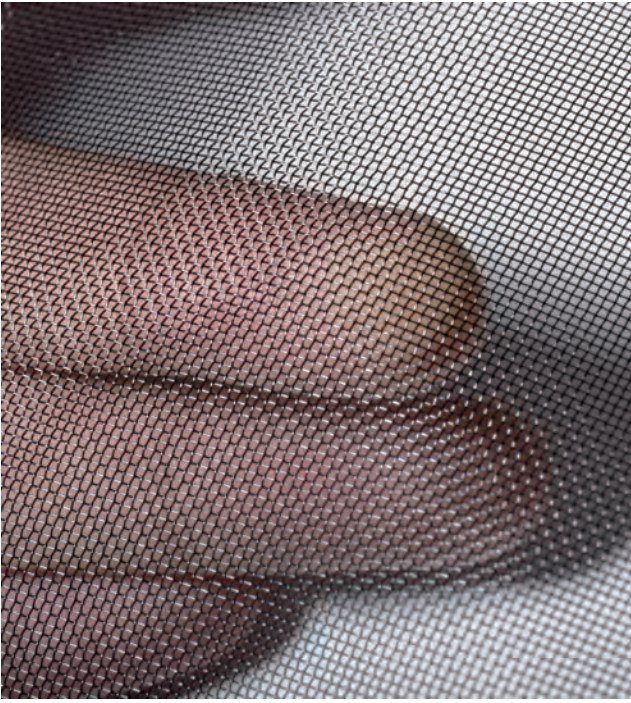
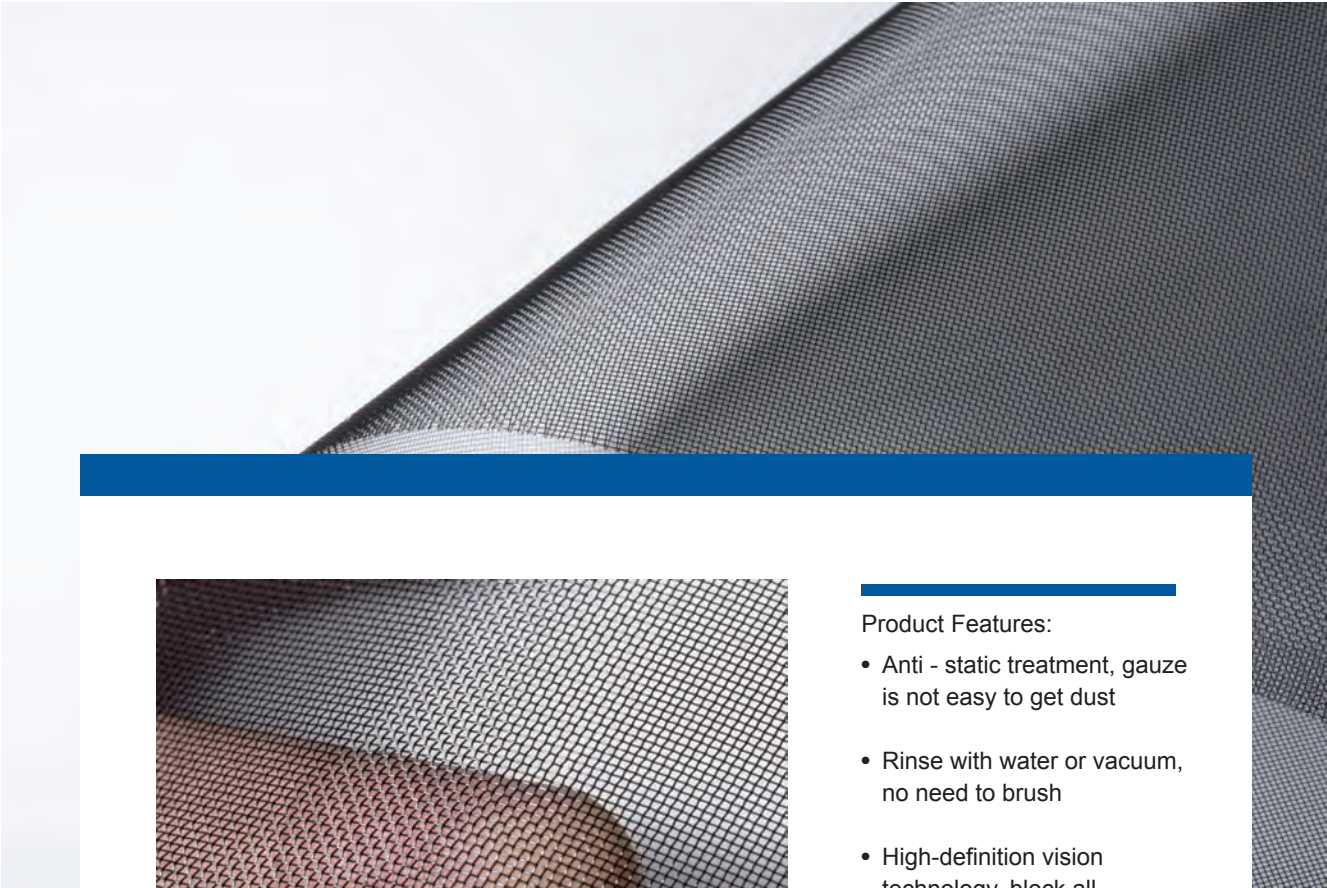


Product Parameters

Product name	Micron gauze meh
Brand name	KIN LONG
Product material	Polyester (imported from Japan)
Color	Black
Width(m)	1.4m /1.6m
Length(m)	30m /90m

Micron Gauze Mesh

A gauze that is not easily stained with dust



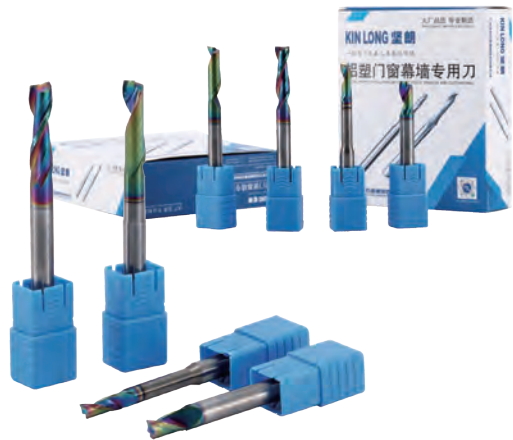
Product Features:

- Anti - static treatment, gauze is not easy to get dust
- Rinse with water or vacuum, no need to brush
- High-definition vision technology, block all mosquitoes, expand a field of vision

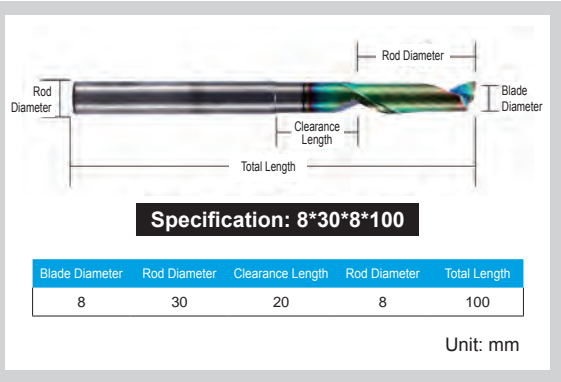
Scope of Application:

- Anti-mosquito and Insect-proof screen window
- New zealand argentina Australia ranch
- Fashion decoration

Door And Window Tool Product



Alloy coating milling cutter
Alloy coating material, hardness: 91.5°~92.5°
Working thickness: 3~5mm, machine speed up to above 12000 turn, suitable for better quality of fully automatic machine tools.

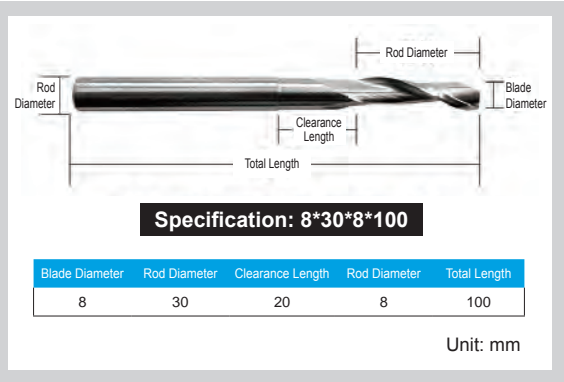


Milling cutter series

Multi-material, high hardness, efficient milling,long service life



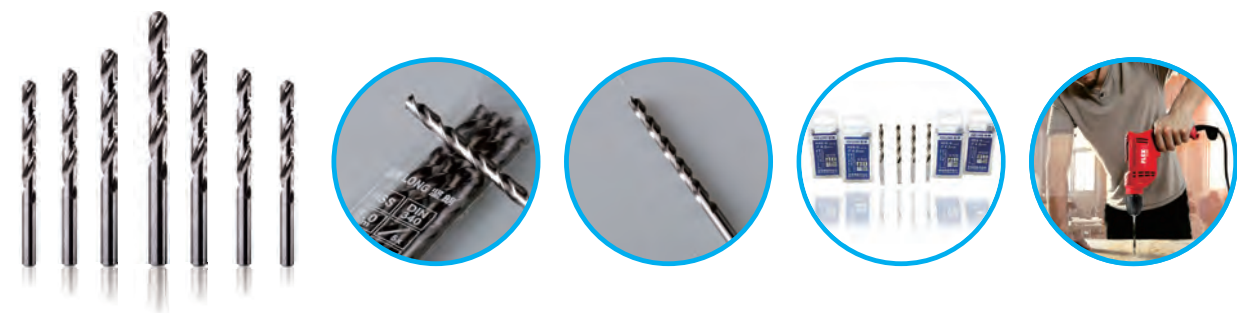
High Speed Steel milling cutter
6542 Material, hardness: 63°~65°
Working thickness: 1.4~1.8mm, machine speed up to above 6000~8000 turn, suitable for better quality of semi-automatic machine tools.



Name	Code	Specification	Material	Surface Finish	Quantity per pack/PCS
Single-blade milling cutter	HSS65	8*30*8*100	6542	Special rinse+Rust protection	1 Pcs
Single-blade milling cutter	HSSM35	8*30*8*100	M35	Special rinse+Rust protection	1 Pcs
Single-blade milling cutter	HJTC15	5*16*6*60	Alloy(Coating)	Special rinse(Alloy stainless)	1 Pcs
Sink milling cutter	HSS65	5*25*6*75	6542	Special rinse+Rust protection	1 Pcs
Single-blade milling cutter	HJTC15	6*16*8*100	Alloy(Coating)	Special rinse(Alloy stainless)	1 Pcs
Single-blade milling cutter	HJTC15	8*30*8*100	Alloy(Coating)	Special rinse(Alloy stainless)	1 Pcs
Double-blade milling cutter	HJ15	8*30*8*100	Alloy	Special rinse(Alloy stainless)	1 Pcs
Double-blade milling cutter	HJTC15	8*30*8*100	Alloy(Coating)	Special rinse(Alloy stainless)	1 Pcs

Drilling bit series

Clean surface, smooth chip removal, accurate size, long service life, wide application range



Type selection

Material	6542		4341	
Technology	MZ	ZZ	MZ	ZZ
Rockwell hardness/HRC	64~66	64~66	62~63	62~63
Application	Suitable for processing plastic steel, steel lining, stainless steel plate, and various type of wood, aluminium alloy, iron, bronze and etc.		Suitable for processing various type of wood, aluminium alloy, iron, bronze and etc.	

Specification Parameter

Name	Code	Specification	Material	Quantity per pack/ PCS
Twist drill bit	J-MZ3.2(6542)-10P	Φ 3.2*L65(Working length36)mm	6542	10 Pcs
Twist drill bit	J-MZ4.2(6542)-10P	Φ 4.2*L75(Working length43)mm	6542	10 Pcs
Twist drill bit	J-MZ5.2(6542)-10P	Φ 5.2*L86(Working length52)mm	6542	10 Pcs
Twist drill bit	J-MZ3.0(6542)-10P	Φ 3.0*L61(Working length33)mm	6542	10 Pcs
Twist drill bit	J-MZ3.5(6542)-10P	Φ 3.5*L70(Working length39)mm	6542	10 Pcs
Twist drill bit	J-MZ4.0(6542)-10P	Φ 4.0*L75(Working length43)mm	6542	10 Pcs
Twist drill bit	J-MZ4.5(6542)-10P	Φ 4.5*L80(Working length47)mm	6542	10 Pcs
Twist drill bit	J-MZ5.0(6542)-10P	Φ 5.0*L86(Working length52)mm	6542	10 Pcs
Twist drill bit	J-MZ5.5(6542)-10P	Φ 5.5*L93(Working length57)mm	6542	10 Pcs
Twist drill bit	J-MZ6.0(6542)-10P	Φ 6.0*L93(Working length57)mm	6542	10 Pcs
Twist drill bit	J-MZ6.5(6542)-10P	Φ 6.5*L101(Working length63)mm	6542	10 Pcs
Twist drill bit	J-MZ7.0(6542)-10P	Φ 7.0*L109(Working length69)mm	6542	10 Pcs
Twist drill bit	J-MZ8.0(6542)-10P	Φ 8.0*L117(Working length75)mm	6542	5 Pcs
Twist drill bit	J-MZ9.0(6542)-10P	Φ 9.0*L125(Working length81)mm	6542	5 Pcs
Twist drill bit	J-MZ10.0(6542)-10P	Φ 10*L133(Working length87)mm	6542	10 Pcs
Twist drill bit	J-MZ4.8(6542)-10P	Φ 4.8*L86(Working length52)mm	6542	10 Pcs
Twist drill bit	J-MZ8.5(6542)-10P	Φ 8.5*L117(Working length75)mm	6542	10 Pcs
Twist drill bit	J-MZ2.5(6542)-11P	Φ 2.5*L57(Working length30)mm	6542	10 Pcs
Step drill bit	J-MZ10-6(4341)-5C	Φ 10-6*L133(Working length81)mm	4341	5 Pcs
Step drill bit	J-MZ12-8(4341)-5C	Φ 12-8*L151(Working length101)mm	4341	5 Pcs
Step drill bit	J-MZ12-10(4341)-5P	Φ 12-10*L151(Working length101)mm	4341	5 Pcs

Screwdriver bit series

Good toughness, super magnetic, adhere to the screw, not easy to fall off

Rod type of screwdriver bit: 1/4" Hexagon type rod Head type of screwdriver bit: Cross type PH2



Type selection

Material	A8		Taiwan S2	
Technology	High		Middle	
Head Shape	High circular		Hexagon type	
Head Size	Big	Small	Big	Small
Application Range	Sound head screw	Countersunk screw	Sound head screw	Countersunk screw

Specification Parameter

Name	Code	Specification	Material	Surface Finish	Quantity per pack/ PCS
Screwdriver bit	J-PS65T-10P-T	PH2*PH2*65*S6.35	Taiwan A8	Black	10 Pcs
Screwdriver bit	J-PS65T-SJG-10P	PH2*PH2*65*S6.35-T	Taiwan S2	Sand blasting/Strong magnetic finish	10 Pcs
Screwdriver bit	J-PS100T-10P-T	PH2*PH2*100*S6.35	Taiwan A8	Black	10 Pcs
Screwdriver bit	J-PS65T-SJG(5)-10P	PH2*PH2*5*6S*S6.35-T	Taiwan S2	Sand blasting/Strong magnetic finish	10 Pcs
Screwdriver bit	J-PS100T-SJG-10P	PH2*PH2*100*S6.35-T	Taiwan S2	Sand blasting/Strong magnetic finish	10 Pcs
Screwdriver bit	J-PS100T-SJG(5)-10P	PH2*PH2*5*100*S6.35-T	Taiwan S2	Sand blasting/Strong magnetic finish	10 Pcs



Electric drill

1. Customized for door and window factory/couple of carbon brushes supplied along with the drill
2. Compact body, comfortable grip, high-quality motor, strong power
3. Lightweight and efficient, long service life

Product Code	Rated Input Power(W)	No-load Speed(RPM)	Maximum Drilling Diameter(mm)	Chuck Clamping Range(mm)	Weight(Kg)
ED-3-10RE	350	0-3100	Timber 15 Steel 10	0.8-10	1.0