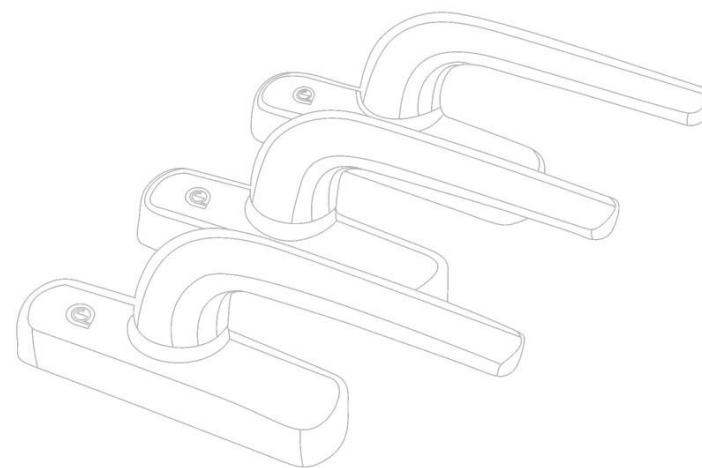


ALUMINUM

Window & Door Accessories—Classical Style

铝合金门窗五金典型产品目录



铝合金门窗五金典型产品目录 2018 Version 4



广东合和建筑五金制品有限公司

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Create
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公司介绍

广东合和建筑五金制品有限公司，中国现代化门窗幕墙建筑五金生产企业，全面通过和推行ISO9001、ISO14001、OHSAS18001、TS16949认证体系管理标准，拥有铝合金门窗五金、塑料门窗五金、实木门窗五金、家居门窗五金、幕墙门控五金和门窗密封胶条等产品系统大型生产基地。

公司创建于1981年，位于珠三角腹地佛山市三水区云东海街道，拥有省级工程技术研究中心、高新技术企业及国家认可实验室，具备自主产品研发和规模化生产能力，是国内同时拥有门窗建筑五金及密封胶条双重研发与生产能力的新型现代化企业之一。

合和全国各地均设有销售服务机构，销售网络覆盖各省、直辖市、自治区和特别行政区，并远销100多个国家和地区，被称为“行业技术动态的风向标”。拥有瑞士金马自动涂装线、集成智控大型压铸生产线、智能机器人作业线、进口全自动总装生产线、多条德国克劳斯玛菲橡胶挤出生产线等高端设备，为客户提供高品质产品保障，与国内外众多知名房地产公司成为战略合作伙伴！

合和一直坚持“合作共赢、和谐发展”的经营之道，以创新技术，卓越品质，满分服务，服务于建筑门窗领域，以创新环保合作为原则，将其基于人居环境、节能基础之上的五金产品系统技术应用于门窗，逐步推进产品向标准化、规模化、绿色智能化迈进，建立与塑造深度适应人居环境的高价值产品文化！

为建筑创造价值！

Company Profile

3H INC., is the modern building hardware manufacturer for door, window, and curtain walls' accessories. The company fully passed and implemented ISO9001, ISO14001, OHSAS18001, TS16949 certification system management standards, and we have a large systematic production base for aluminum alloy door and window hardware, UPVC door and window hardware, solid wood doors and windows hardware, home doors and windows hardware, curtain wall door control hardware and doors and windows sealing strips and other products.

3H INC. is established in 1981, located in Yundonghai Street, Sanshui District, Foshan which is the hinterland of Pearl River Delta. 3H INC. has CNAS lab, and won the title of provincial engineering technology R&D center, national high-tech enterprise. Thus, with independent product development and large-scale production capacity, we are one of the new modern enterprises with both R&D and manufacturing capabilities for door & window hardware products and sealing accessories. So the quality and performance of our products achieve the advanced international level.

3H INC. has sales and service agencies throughout the country, and our sales network covers provinces, municipalities, autonomous regions, and special administrative regions, has exported to more than 100 countries and regions. Obtained more than 300 national patent grants, we are known as the "vane of industry technology trends".

Moreover, 3H INC., has first-class product research and development, process manufacturing data analysis and management system, Switzerland Kinmen and Matsu automatic painting line, integrated intelligent control large-scale die-casting production line, intelligent robot line, import automatic assembly line, several KraussMaffei rubber extrusion production lines and other high-end equipment. Besides, in order to provide customers with high-quality product guarantees, we maintain good and continuous strategic cooperation with more than 200 companies in China's top 500 real estate listings!

We always adhere to the operation principle of "win-win cooperation and harmonious development", and provide innovative technologies, superior quality, and full-service services to the field of doors and windows; based on the principle of innovative environmental protection cooperation, we will base our efforts on environmental protection and energy conservation and let this kind of hardware product system applied to doors and windows. Then, we gradually promote the product to standardization, scale, green and intelligent progress, establish and shape high-value product culture to adapt to the living environment, and strive to do well as below, "Chinese 3H, national brands, leading companies, head to the World".

Create Value for Construction.

企业文化 THE ENTERPRISE CULTURE

定位 POSITIONING

以合和品牌引导消费, 以优质服务争取市场。
To Guide The Consumption And Brand, With Good Service For The Market.

理念 CONCEPT

合作共赢, 和谐发展。
Win-win cooperation and harmonious development.

使命 MISSION

为建筑创造价值
Create Value For Construction





Create Value For Construction

“为建筑创造价值”用合和产品营造出美观、安全、节能的人居环境，为社会创造价值。



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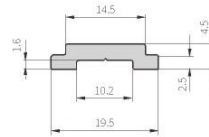
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Aluminium Window
Hardware System
铝合金窗五金系统



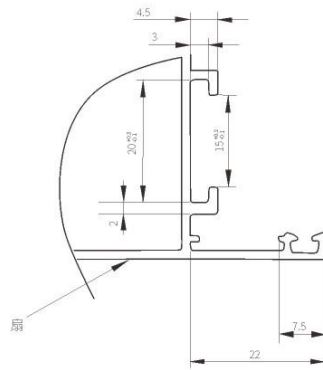
► 标准欧式20槽口配合尺寸 Matching Dimention for European Standard(20mm groove)

铝型材传动铝条截面尺寸
Sectional dimension of the aluminum
transmission strip for aluminum profillet

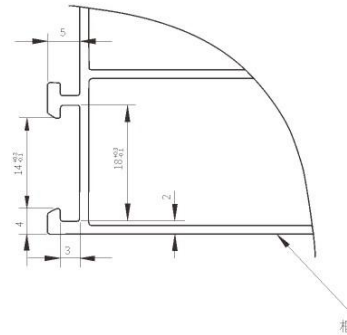


注:标准欧式20槽口尺寸均为表面处理
后的完成尺寸。

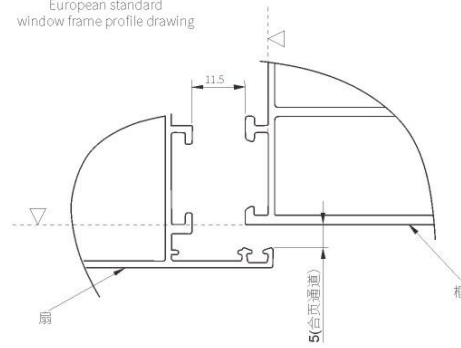
Note: all the finished sizes of European standard
(20mm groove) are surface treated (powder)



欧标窗扇型材图
European standard
window frame profile drawing



窗框欧标型材图
European Standard
Window frame



欧标窗扇框结合图
European standard window sash
and frame combination drawing

注:在作内平开下悬窗时,框扇间距尺寸应在11.5~12.0之间。

建筑窗用内平开下悬五金系统 GB/T24601-2009

定义:通过操作执手,可以使窗具有内平开、下悬、锁闭等功能的五金系统。

主要性能指标:

1、开启状态下的启闭力不大于50N,下悬状态下启闭力不大于:扇重为60kg~130kg时,180N;130kg以上,230N;60kg以下,150N。反复启闭15000个循环,所有操作功能正常。

2、锁闭部件强度:锁点、锁座承受1800N时破坏力后,各部件应无损坏。

使用范围:欧标20槽型材可用。

内平开下悬及下悬内平开部份五金配件特点及装配示意 The features and assembly diagram of partial hardware accessories on inner and tilt-turn window



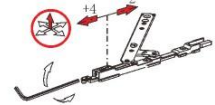
转角器是通过多条不锈钢片构成的直角转角器,可以把来自执手的传动力90°转向至门窗两边锁柱位,其一端装有可调锁锁点,偏心距为±1,可任意调节门窗关闭的气密性、水密性和窗锁紧度。

转角器选用活动锁点。

The right angle corner device is composed of several stainless steel sheets. So the transmission power with 90 degrees can be transferred to the

locking points on two sides of windows or doors. Either has adjustable locking point, and the eccentricity is ± 1 , so it can adjust air tightness, water tightness and window locks degree when closing doors and windows.

Movable locking point is used for transmission corners.



我公司生产的斜拉杆严格按照欧标20槽的尺寸规定,通用性强,结构严谨,外观优美、轻巧,安装方便。

窗扇掉角现象可通过内六角扳手调节,安装预留调节间隙±3,大于一般国内外同类产品。

In strict accordance with European standard (20mm groove), the company produces transmission rods with precise design, elegant appearance and light and handy merits.

Hexagon wrench can be used to fasten the sash in the case of loose. The gap should be ± 3 mm during installation which is greater than products of the same kind both home and abroad.

儿童锁设计可在取走钥匙后,窗扇开启仅保留下悬(内倒)功能,而不能平开,在满足室内空气保持流通的同时,可对居家儿童进行有效安全防护。

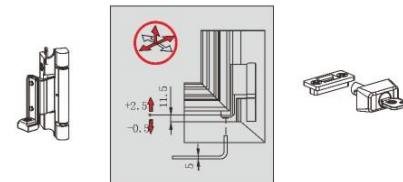
我司独立式的儿童安全锁防护设计,不但能在取得完美的儿童安全防护的同时,还能刚性的增强整窗的水密性、气密性以及保温性。

独立式的儿童安全锁防护设计,结构简单,功能优异,安装简易,方便。采用优秀的叶片自复位功能锁芯,外形美观。

The opening sash can keep tilting after the key is taken from the children lock, but it can't be turned inward. So it will keep the rooms ventilate, and also protect children at home effectively.

Safety locks for children are designed to be unattached to ensure the safety of children and enhance the water tightness, air tightness, and heat preservation as well.

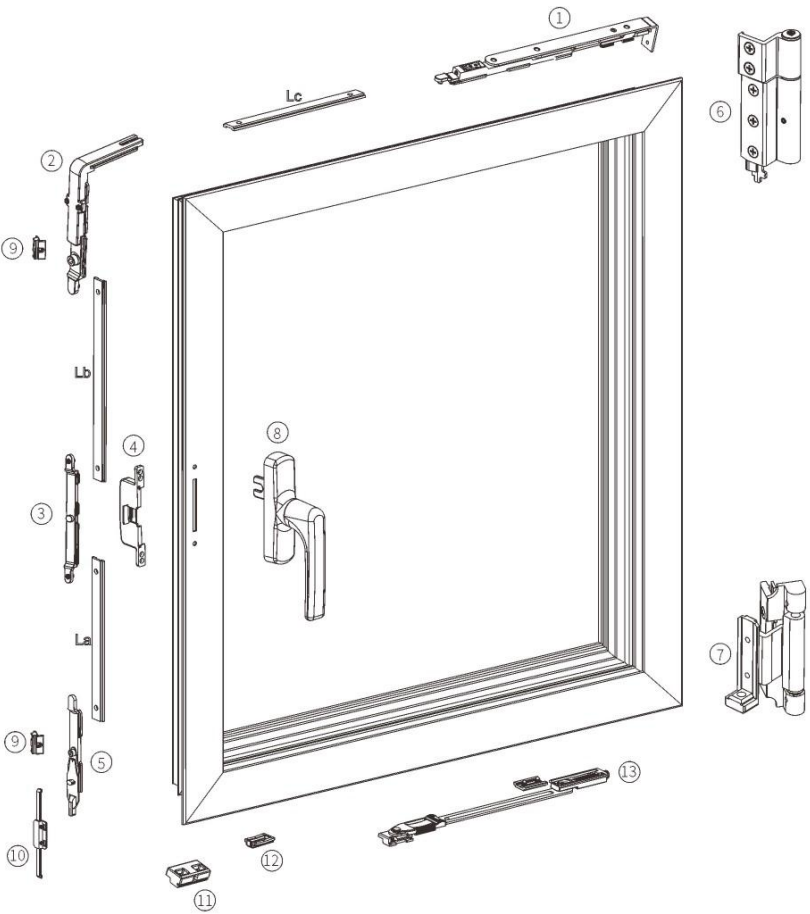
And the lock is characteristic with simple structure, excellent performance, easy and convenient installation, and elegant appearance. It adopts fine cylinder with self-righting leaf.



下合页通过内六角扳手调节窗扇的高低及左右两侧间隙。

Bottom hinge adjust the height and side gap between the frame and sash by means of hexagonal wrench.

► 欧标20槽节能内平开下悬窗五金系统NXC02A
European Standard (20mm Groove)
Tilt-turn Window Hardware System



● NXC02A内平开下悬五金配置方案
NXC02A Flat Open The Hanging Hardware Configuration Scheme

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	A·CL06	斜拉杆 Slanting Connection Rod	1	
2	A·CQ01	转角器 Corner Device	1	
3	A·CC01	传动杆 Transmission Rod	1	
4	A·CFB01	防误器 (B款) Anti-misoperation Device	1	
5	A·CG01	内倒锁件 Overturn Lock Rod	1	
6	A·CJ06-S	上合页 Upper Pivot Hinge	1	
7	A·CJ01-X	下合页 Bottom Pivot Hinge	1	
8	CZH22	执手 Handle	1	多种款式可选 Many options
9	ACZ01-03	欧槽锁座 Striker	2	
10	ACZ01-02	防提锁座 Locking late	1	
11	ACZ01-04	支撑块 Supporting Block	1	
12	ACZ01-01	爬升块 Elevating Block	1	
13	DO	欧槽支撑 Stay	1	多种款式可选 Many options
14		铝连杆 aluminium drawbar	3	La,Lb,Lc
15		胶条 Rubber Seal		根据型材而定 Depending on the profile

● 内平开下悬NXC02A组件
The selection for Slanting Transmission Rod

序号 No.	型号 Type	斜拉杆编号 Code	窗扇宽度适用范围 The width of sash
1	NXC01A	A.CL06B	600mm~1100mm
2	NXC02A	A.CL06	500mm~900mm
3	NXC03A	A.CL06A	400mm~700mm

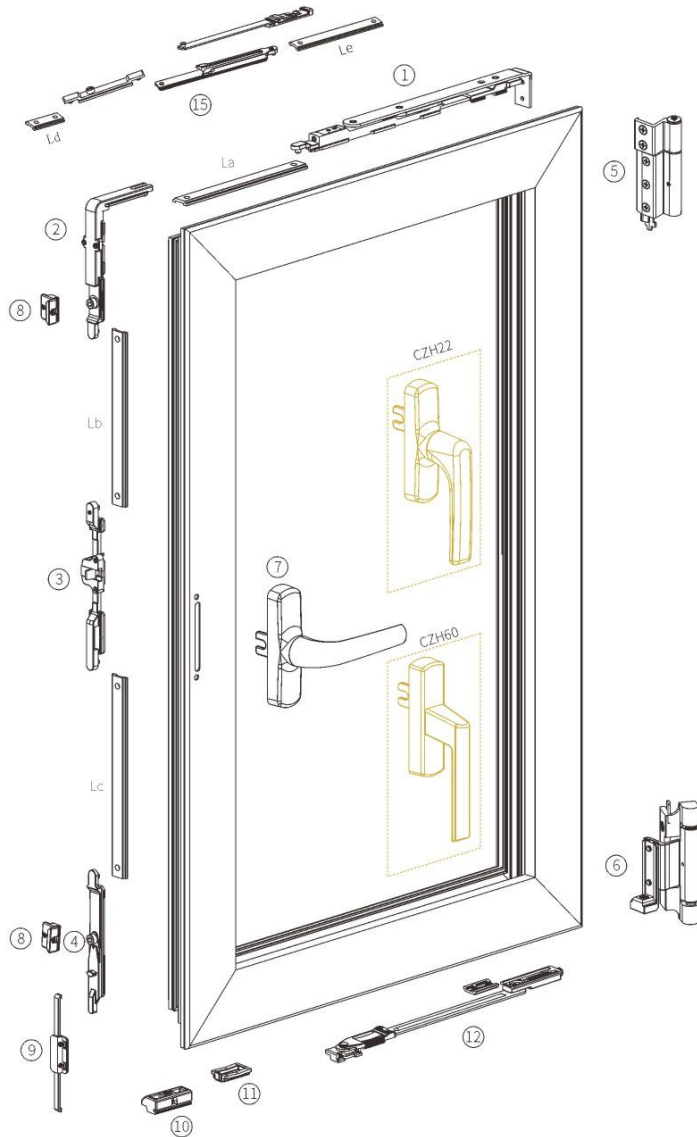
注意事项:

- 1、本产品适用于欧标20槽口铝合金型材。
- 2、窗户的框与扇的组角连接必须牢固可靠。
- 3、本示意图共含三款五金配件，除斜拉杆和上合页，其余通用，斜拉杆编号及窗宽度尺寸适用范围见上表。
- 4、请正确选用口型合理，材料优质的胶条。
- 5、铝连杆尺寸La、Lb、Lc请根据窗扇尺寸正确计算。
- 6、根据型材规格，承重90kg级。

Attention :

1. Suitable for European standard 20mm groove aluminium profile;
2. The corner connection of frame and sash must be firm. And small corner connectors can be used to increase locking points;
3. Three hardware fittings are in this picture. The others can be used widely except slanting connector rod and upper hinge. The codes for slanting connector rod and width range of windows are in the table above;
4. Better to use suitable and high quality rubber gasket.
5. Pls correctly select the aluminum connecting rods La, Lb, Lc according to the window size, detail calculating formula supplied on attachment 1.

► 欧标20槽节能内平开下悬窗五金系统NXC06
European Standard (20mm Groove)
Tilt-turn Window Hardware System



● NX C06内平开下悬五金系统

Tilt and Turn NX C06 Window System

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	A-CL06	斜拉杆 Slanting Connection Rod	1	选用 optional
2	A-CQ01	转角器 Corner Device	1	
3	A-CF02	防误器 Misoperation Device	1	
4	A-CG01	内倒锁件 Overturn Lock Rod	1	
5	A-CJ06-S	上合页 Upper Pivot Hinge	1	
6	A-CJ01-X	下合页 Bottom Pivot Hinge	1	
7	CZH26	拨叉执手 Handle	1	拨叉必须不带凸点 The fork must not bumps
8	A-CZ01-03	欧槽锁座 Lock Holder	2	
9	A-CZ01-02	防提锁座 Locking Plate	1	
10	A-CZ01-04	支撑块 Supporting Block	1	
11	A-CZ01-01	爬升块 Elevating Block	1	
12	Do10	欧槽支撑 Stay	1	选用 optional
13		铝拉杆 Aluminium Drawbar	3	La、Lb、Lc
14		胶条 Rubber Seal		根据型材而定 Depending on the profile
15	NXC06-01	内倒拉杆部件 Pull rod Components	1	窗宽大于1100mm时选用 It is optional when window width is over 1100mm.

可选执手 CZH04B、CZH04H、CZH11C、CZH16、CZH22、CZH23A、CZH26、CZH50、CZH60、CZH66 等执手 (拨叉不带凸点)
handle optional: CZH04B、CZH04H、CZH11C、CZH16、CZH22、CZH23A、CZH26、CZH50、CZH60、CZH66 and so on (the fork without Bursting point)

序号 No.	型号 Type	斜拉杆编号 Code	窗扇宽度适用范围 The width of sash
1	NXC06	A-CL06	435~900mm
2	NXC06A	A-CL06A	360~700mm
3	NXC06B	A-CL06B	600~1100mm

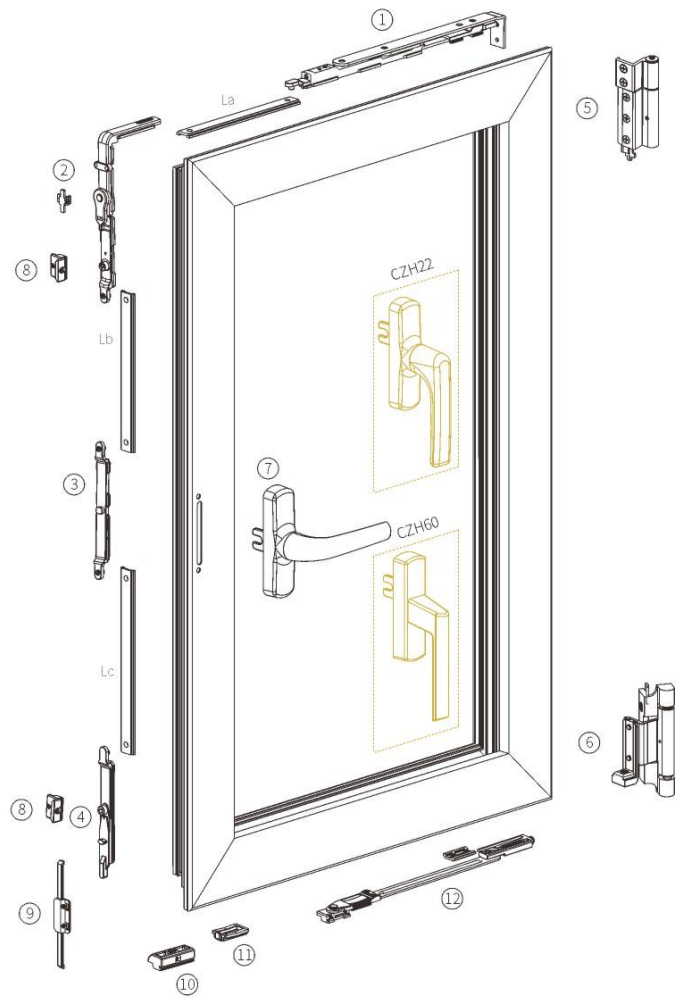
注意事项:

- 1、本产品适用于欧标20槽口铝合金型材。
- 2、窗户的框与扇的组角连接必须牢固可靠。
- 3、请正确选用口型合理，材料优质的胶条。
- 4、铝连杆尺寸La、Lb、Lc请根据窗扇尺寸正确计算。
- 5、窗扇最小宽度:435，最小高度:620(注:槽口顶部相对尺寸)
- 6、根据型材规格，承重90kg级。

Attention :

1. Suitable for European standard 20mm groove aluminium profile;
2. The corner connection of frame and sash must be firm.
3. Better to use suitable and high quality rubber gasket.
4. Pls correctly select the aluminum connecting rods La, Lb, Lc according to the window size, detail calculating formula supplied on attachment 1.
5. Minimum width of the frame:435; minimum height:620 (pls relative size of the top rabbet)
6. Depending on the profile size ,bearing load:90KG.

► 欧标20槽节能内平开下悬窗五金系统NXC07 European Standard (20mm Groove) Tilt-turn Window Hardware System



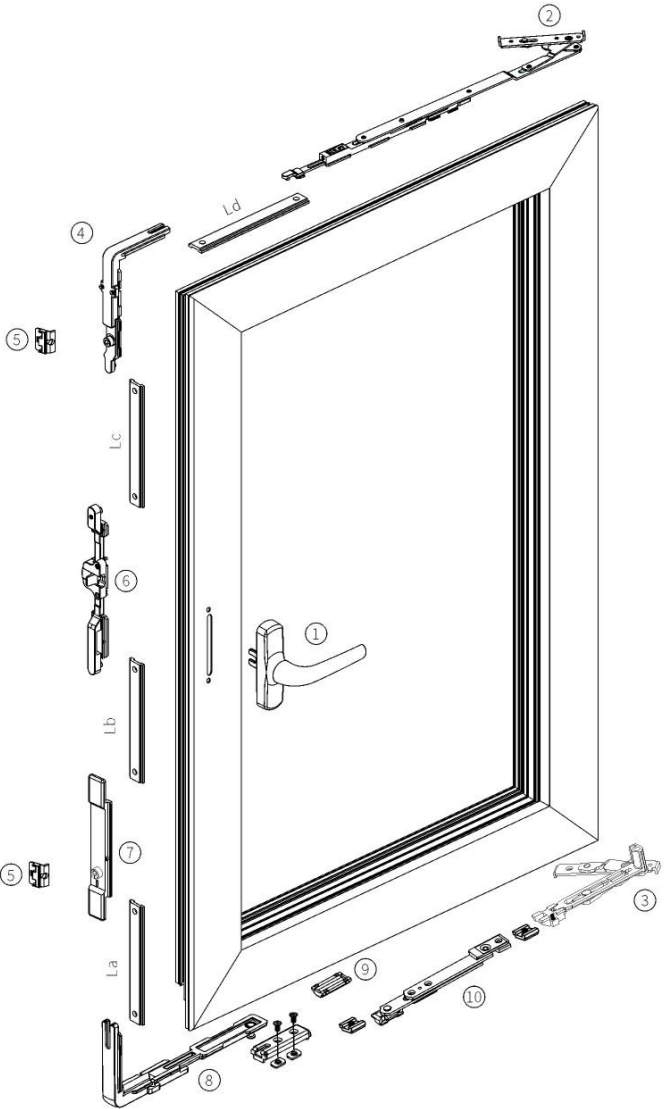
● NXC07内平开下悬五金系统

Tilt and Turn NXC06 Window System

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	A-CL06	斜拉杆 Slanting Connection Rod	1	选用 optional
2	CC10	转角器 Corner Device	1	
3	A-CC01	传动杆 Transmission Rod	1	
4	A-CG01	内倒锁件 Overtum Lock Rod	1	
5	A-CJ06-S	上合页 Upper Pivot Hinge	1	
6	A-CJ01-X	下合页 Bottom Pivot Hinge	1	
7	CZH26	拨叉执手 Handle	1	选用 optional
8	A-CZ01-03	欧槽锁座 Lock Holder	2	
9	A-CZ01-02	防提锁座 Locking Plate	1	
10	A-CZ01-04	支撑块 Supporting Block	1	
11	A-CZ01-01	爬升块 Elevating Block	1	
12	DO10	欧槽支撑 Stay	1	选用 optional
13		铝拉杆 aluminium drawbar	3	La、Lb、Lc
14		胶条 Rubber Seal		根据型材而定 Depending on the profile

可选用执手CZH04B、CZH04H、CZH11、CZH16、CZH22、CZH23A、CZH26、CZH50、CZH60、CZH66等执手。
handle optional: CZH04B、CZH04H、CZH11、CZH16、CZH22、CZH23A、CZH26、CZH50、CZH60、CZH66 and so on (the fork without Bursting point)

► 欧标槽耐火隐形内平开下悬五金系统 FYNXC01
FYNXC01:European Standard Fireproof
Concealed Tilt And Turn Hardware System Fynxc01



● FYNXC01耐火隐形内平开下悬五金系统
Fynxc01 Fireproof Concealed Tilt And Turn Hardware System

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	CZH26	拨叉执手 Fork Handle	1	多种款式可选,拨叉必须不带凸点 optional choose,and the fork handle must be without bumps.
2	FYNXC01L/R-01	上合页(左/右) Top Hinge(left/right)	1	
3	FYNXC01L/R-02	下合页(左/右) Bottom Hinge(left/right)	1	
4	A.CQ01	转角器 Corner Device	1	
5	A.CZ01-03	欧槽锁座 European Groove Lock Set	2	
6	A.CF02	防误器 Anti Error Device	1	
7	CI05	连接块 Connecting Block	1	
8	FYNXC01-03	内倒组件 Internal Invert Component	1	
9	Pp01	爬升块 Elevator Block	1	
10	DE8	限位撑 Limiter Stay	1	选用件
11		铝连杆 Aluminum Connecting Rob	4	La、Lb、Lc、Ld
12		耐火胶条 Fireproof Rubber Strip	4	根据型材而定 Depending on the profile

注意事项:

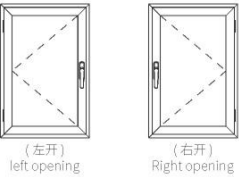
- 1.本配置适用于标准欧标20槽铝型材,框扇间隙11.5mm。
- 2.窗户的框与扇的组角链接必须牢固可靠。
- 3.铝连杆尺寸La、Lb、Lc、Ld请根据窗扇尺寸正确计算。
- 4.不配限位撑时,最小窗宽为535mm;配限位撑时,最小窗宽为570mm;执手安装位置不在窗扇中间时,最小窗高为600mm。(注:槽口顶面相对尺寸)
- 5.此系统耐火完整性不低于1.5h。
- 6.平开窗宽高比宜小于1:1.5。
- 7.耐火胶条可按不同型材规格配置。
- 8.根据型材规格,承重80kg级。

Attention :

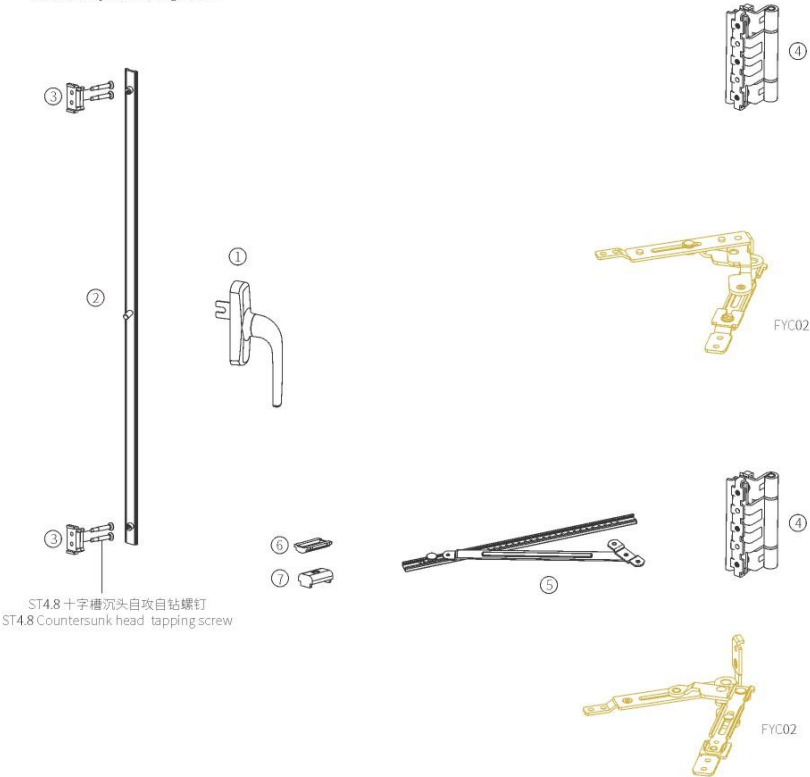
- 1.this solution is applied to the normal European standard 20 groove aluminum profile,interval gap between frame and sash is 11.5mm.
- 2.The corner connector of the window frame and sash must be stable.
- 3.The aluminum connecting rob size La、Lb、Lc、Ld should be calculated correctly as per the window sash size.
- 4.Without the limiter stay,the minimum window width should be 535mm;with the limiter stay,the minimum window width should be 570mm;When the handle is not installed in the middle of window sash,the minimum window height should be 600mm.(note:the relative dimensions of notch surface).
- 5.The fireproof integrity of this system should not be lower than 1.5h.
- 6.The ratio of casement door and window width and height should be less than 1:1.5.
- 7.The fireproof rubber strip should be configured as per the different profile regulations
- 8.According to the profile regulations,its capacity is 80kg grade.

►耐火平开窗五金系统&密封系统 Casement Fire-resistant Hardware System & Sealant System

1. 配置方案一(内开) Configuration One (inward opening)



1.1 五金系统配置 Hardware system configuration



五金系统配置表 Hardware system configuration form

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	CZH26	拨叉执手 Fork Handle	1	有多款拨叉执手选用 Optional handles
2	FCHJ02	连杆 Rob	1	有多种规格选用 Optional specification
3	FCKG01	直角锁座 Right Angle Striker	2	
4	FJX03	可卸合页 Disassemble Hinge	2	有多种款式可选 Optional types
5	PDE 系列	限位撑 Limiter Stay	1	
6	PP01	爬升块 Elevating Block	1	
7	Pp07	爬升块 Elevating Block	1	
8		耐火胶条 Fire-resistant Rubber Seal		
9	FYC02	耐火隐形铰链 Fireproof Concealed Hinge	2	

注意事项:

1. 本配置适用于标准欧标20槽铝型材, 框扇间隙11.5mm。
2. 窗户的框与扇的组角连接必须牢固可靠。
3. 虚线框内为客户选配件。
4. 内开组件宜配合限位撑(PDE系列)使用。
5. 本配置仅供参考, 锁点可按客户要求配置。
6. 消撑、合页、执手、锁座的安装螺钉与钢衬联接牢固。
7. 此系统耐火完整性不低于1.00h。
8. 平开窗宽高比宜小于1:1.5。
9. 耐火胶条可按不同型材规格配置。

Attention :

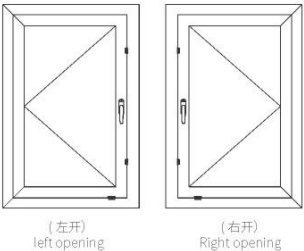
1. Suitable for European standard 20mm groove aluminum profile, the frame and sash's gap is 11.5mm.
2. The corner for the frame and sash must be steady.
3. It is optional accessories in imaginary line.
4. Inward opening accessories should be used with Limiter stay.
5. The accessories in this set are referenced; Locking point can be base on customer's requirements.
6. Friction stay, Hinge, Handle, Striker screw are firmly connected with the steel lining.
7. The system's Fire integrity is not less than 1.00h.
8. Casement window's aspect ratio should be less than 1:1.5.
9. The fire-resistant rubber seal can be configured according to different profile size.

耐火平开窗五金系统&密封系统

Casement Fire-resistant Hardware System & Sealant System

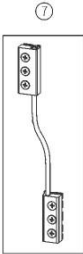
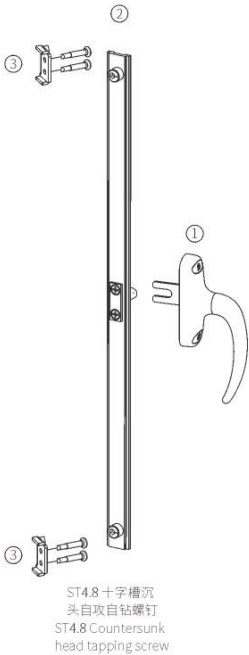
2. 配置方案二 (外开)

Configuration Two(Outside opening)



2.1 五金系统配置

Hardware system configuration



五金系统配置表

Hardware system configuration form

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1	CZH30	拨叉执手 Fork Handle	1	有多款拨叉执手选用 Optional handles
2	FCHJ01	连杆 Rob	1	有多种规格选用 Optional specification
3	FCKG01	直角锁座 Striker	2	
4	HHK**A系列	平开滑撑 Casement opening friction stay	2	有多种规格、款式选用 Various types and sizes are available
5	PP01	爬升块 Elevating Block	1	
6	PP07	爬升块 Elevating Block	1	
7	FZ051	防脱落器 Dropping preventer lock	1	按客户需求选配 It is optional depending on customer's requirements.
8		耐火胶条 Fire-resistant rubber seal		

配置说明:

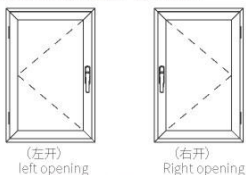
- 1.本配置适用于标准欧式20槽口,框扇间隙11.5mm。
- 2.窗户的框与扇的组角连接必须牢固可靠。
- 3.本配置仅供参考;锁点可按客户要求配置。
- 4.滑撑、执手、锁座的安装螺钉与钢衬联接牢固。
- 5.此系统耐火完整性不低于1.00h。
- 6.平开窗宽高比宜小于1:1.5。
- 7.胶条可按不同型材规格配置。

Attention :

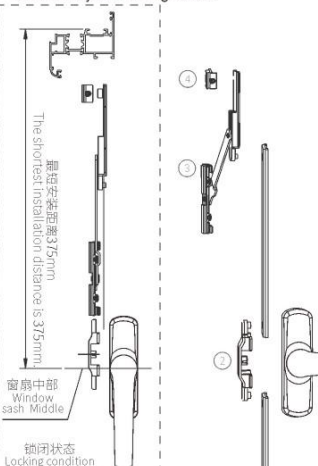
- 1, Suitable for European standard 20mm groove aluminum profile, the frame and sash's gap is 11.5mm.
- 2, The corner connection of frame and sash must be firm.
- 3, The accessories in this set are referenced, Locking point can according to customer's requirements.
- 4, Friction stay, Hinge, Handle, Striker screw are firmly connected with the steel lining.
- 5, The system's Fire integrity is not less than 1.00h.
- 6, Casement window's aspect ratio should be less than 1:1.5.
- 7, Rubber seal can be configured according to different profile size.

► 内开平窗间隙通风五金系统&密封系统 Inward Interval Ventilating Hardware System & Sealant System

1. 内开平窗通风 Inward opening interval Ventilation



1.1 五金系统配置 Hardware system configuration



注:如需安装窗扇更高的窗型,可以把执手往窗扇下部调整距离。
Attention: If you need to install the shorter window, you can use the handle to adjust the distance downward the window.



配置说明:

1. 窗户的框与扇角连接必须牢固可靠。
2. 本配置适用于欧标20槽口铝型材,框扇间隙11.5mm。
3. 内开窗宜配合欧槽限位撑(DO)使用,以达到最佳效果。
4. 选用合理口型优质密封胶条,以达到五金件耐久使用的必要条件。
5. 铝连杆的开料尺寸是按执手在扇的中部位置计算。
6. 胶条可按不同型材规格配置。
7. 平开窗扇高比宽小于1:1.5。
8. 配置的拨叉执手必须可以180°转动。

五金系统配置表 Hardware System Configuration Form

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH26	拨叉执手 Fork Handle	1	有多款执手选用 Various types of handles are available
2	CQ10	转换器 Connection accessories	1	
3	JT01	间隙通风部件 Interval Ventilation accessories	1	
4	CKG05	直角锁座 Striker	2	
5	PP01	爬升块 Elevating Block	1	
6	PP07	爬升块 Elevating Block	1	
7	DO	欧槽支撑 Stay	1	
8	JX42	可卸合页 Upper Pivot Hinge	2	有多种长度规格及款式通用 Various length sizes and types are available
		铝连杆 Aluminum rod		
		胶条 Rubber Seal		

配置说明:

1. 方案一、间隙通风部件安装在窗扇上部时:锁闭状态下的执手柄位置为0° 间隙通风状态下的执手柄位置为90°,平开状态下的执手柄位置为180°
2. 方案二、间隙通风部件安装在窗扇下部时:锁闭状态下的执手柄位置为0° 间隙通风状态下的执手柄位置为180°,平开状态下的执手柄位置为90°

Attention:

1. Plan One: When the interval ventilating accessories is installed on the head of window fan: The handle shank location is 0° in Locking condition, the handle shank location is 90° in interval ventilating condition, the handle shank location is 180° in casement opening.
2. Plan Two: When the interval ventilating accessories is installed in the bottom of window fan: The handle shank location is 0° in Locking condition, the handle shank location is 180° in interval ventilating condition, the handle shank location is 90° in casement opening.



Attention:

1. The corner connection of frame and sash must be firm.
2. Suitable for European standard 20mm groove aluminum profile, the frame and sash's gap is 11.5mm.
3. Inward opening window can be used with Limit stay (DO) for the best results.
4. Choosing the right shapes of rubber seal is the necessary condition of hardware accessories durable.
5. The opening size of Aluminum rod is calculated according to the handle in the middle of the fan.
6. Rubber seal can be configured according to different profile size.
7. Casement window's aspect ratio should be less than 1:1.5.
8. Configuration's fork handle must can turn in 180°.

► JT02安装说明书 JT02 Installation Manual

产品名称:间隙通风部件

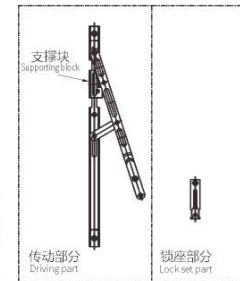
Product name: clearance ventilation unit

产品主要性能特点:

Main performance features of product:

- * 此款间隙通风部件适用于标准欧标20槽铝型材的内开窗,适用窗扇高度范围: 800mm-1200mm。
- * 安装方式: 将传动部分套入扇边的槽内,然后安装固定执手即可固定传动部分;再将锁座部分放到框边的槽里,调整位置后锁紧螺栓和内六角螺钉即可固定。
- * 部件的安装方向可通过调整支撑块左、右安装方向来改变。
- * 带间隙通风功能。
- * 铝连杆长度有三种不同尺寸可供客户选择,分别是: 600mm、800mm、1000mm。

"This kind of clearance ventilation unit is applied to the inner opening window of the normal European standard 20 groove profile. Applicable scope of the window sash height is 800mm-1200mm.
"Installation: Inserting the driving part into the slot of sash, and then fix the handle to let the driving part stable, then move the lock set to the sash groove, after adjusting the position, and tightening the screw slice and head cap screw, the clearance ventilation unit can be fixed.
"The installation direction of the component can be changed by adjusting the installation direction of the supporting block.
"With the clearance ventilating performance.
"There are three different length of aluminum connecting rod can be optional, which are 600mm, 800mm, 1000mm.



安装使用说明:

Usage description:

一、安装顺序:

Installation sequence:

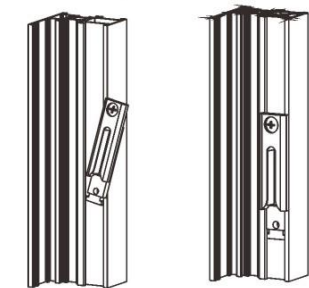
1. 扇边安装: 将传动部分套入扇边的槽中,然后将执手转到90°时的拨叉槽口对准拨叉A插入后固定,然后把支撑块槽口对准锁钉B后拧紧内六角平端紧定螺钉固定支撑块。图1



1. Sash installation: Insert the driving part into the slot of sash, and then rotate the handle to the position of 90 degree, the fork slot is aligned with the screw nail A, then fix it. After that, the supporting block notch should be aligned with the lock nail B to tighten the hexagonal fixing screw to fix the support block.

2. 将锁座部分倾斜约15°斜装入型材槽口,图2;然后放直,调整好位置后再拧紧螺钉固定即可,图3。

2. The lock set part by about 15°, and insert it into the profile slot, which is as shown in Fig. 2; then straighten it, adjusting the position, and then tightening the screw to fix it, as shown in Fig. 3.



二、操作使用(图4):

Operational use (Fig. 4)

1. 锁闭状态: 将执手的手柄转到0°位置时为锁闭状态。
2. 间隙通风状态: 将执手的手柄转到90°位置时打开为间隙通风开启状态; 打开后再将手柄转到180°位置时为间隙通风锁定状态; 此状态下窗扇将无法关闭, 若要关闭, 必须将执手转回90°才能关闭; 图4。
3. 平开状态: 直接将执手的手柄转到180°位置再打开为平开状态, 图5。
4. 适配执手: CZH22、CZH26、CZH60、CZH66等。
5. 注意事项: ① 适用窗扇高度不低于400mm; ② 适用窗扇高度800mm-1200mm, 窗扇宽、高比例适宜小于1:1.5; ③ 框、扇间隙控制在11.5-8°范围内。



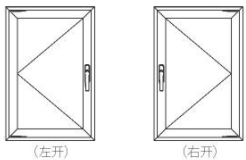
1. Locking state: When the handle is turned to the 0° position, it is locked.
2. Clearance ventilation state: When the handle is turned to the 90° position, then opening the window, its clearance ventilation state is opened; if turning the handle to 180° position, it is the clearance ventilation locking state; Under this situation, the window sash can not be closed. If you want to close the sash, must turn the handle to the 90° position, which is shown in Fig. 4.
3. Opening state: Turn the handle to 180° position, and then open the window sash, this is the opening state. As Fig. 5 shown.
4. Applicable handle: CZH22, CZH26, CZH60, CZH66, etc.
5. Attention: ① Applicable sash width is not less than 400mm; ② Applicable window sash height is 800mm-1200mm, and the ratio of window sash width and its height should be less than 1:1.5; ③ The interval clearance between the frame and sash should be controlled within the range of 11.5°.

外开平窗间隙通风五金系统&密封系统

Outward Interval Ventilating Hardware System & Sealant System

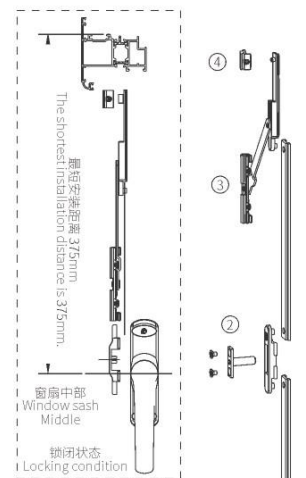
2. 外开间隙通风

Outside opening interval ventilating



2.1 五金系统配置

Hardware system configuration



注:如需安装窗高更小的窗型,可以把执手往窗扇下部调整距离。
Attention: If you need to install the shorter window, you can use the handle to adjust the distance downward the window.



方案二

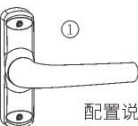
配置说明:

- 窗户的框与扇角连接必须牢固可靠。
- 本配置适用于欧标20槽铝型材,框扇间隙11.5mm。
- 内开窗宜配合欧槽限位撑(D0)使用,以达到最佳效果。
- 选用合理口型优质密封胶条,以达到五金件耐久使用的必须条件。
- 铝连杆的杆料尺寸是按执手在扇的中部位置计算。
- 胶条可按不同型材规格配置。
- 平开窗高比宜小于1:1.5。
- 配置的拨叉执手必须可以180°转动。

五金系统配置表

Hardware System Configuration Form

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH26C	拨叉执手 Handle	1	有多款执手选用,把手类型有备图
2	CQ12	转换器 Corner Device	1	按钉长度最微型材选用
3	JT01	间隙通风部件 Interval Ventilating accessories	1	
4	CKG05	直角锁座 Striker	2	
5	PP01	爬升块 Elevating Block	1	
6	PP07	爬升块 Elevating Block	1	
7	HHKA系列	平开滑撑 Casement opening friction stay	2	有多种滑撑规格,款式可选用
		铝连杆 Aluminum rod		
		胶条 Rubber seal		



配置说明:

- 方案一:间隙通风部件安装在窗扇上部时:锁闭状态下的执手手柄位置为0°;间隙通风状态下的执手手柄位置为90°,平开状态下的执手手柄位置为180°。
- 方案二:间隙通风部件安装在窗扇下部时:锁闭状态下的执手手柄位置为0°;间隙通风状态下的执手手柄位置为180°,平开状态下的执手手柄位置为90°。

Attention:

- Plan One: When the interval ventilating accessories is installed on the head of window fan. The handle shank location is 0° in Locking condition, the handle shank location is 90° in interval ventilating condition, the handle shank location is 180° in casement opening.
- Plan Two: When the interval ventilating accessories is installed in the bottom of window fan. The handle shank location is 0° in Locking condition, the handle shank location is 180° in interval ventilating condition, the handle shank location is 90° in casement opening.



Attention:

- The corner connection pf frame and sash must be firm.
- Suitable for European standard 20mm groove aluminum profile, the frame and sash's gap is 11.5mm.
- Inward opening window can be used with Limit stay(D0) for the best results.
- Choosing the right shapes of rubber seal is the necessary condition of hardware accessories durable.
- The opening size of Aluminum rod is calculated according to the handle in the middle of the fan.
- Rubber seal can be configured according to different profile size.
- Casement window's aspect ratio should be less than 1:1.5.
- Configuration's fork handle must can turn in 180°.

JT02A安装说明书

JT02A Installation Manual

产品名称: 间隙通风部件

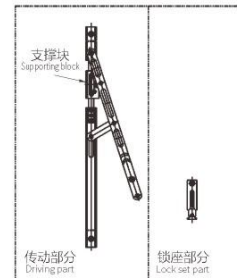
Product name: clearance ventilation unit

产品主要性能特点:

Main performance features of product:

- *此款间隙通风部件适用于标准欧标20槽铝型材的外开窗,适用窗扇高度范围: 800mm-1200mm。
- *安装方式: 将传动部分套入扇边的槽内, 然后安装固定执手即可固定传动部分; 再将锁座部分放到框边的槽里, 调整位置后锁紧螺栓和内六角螺钉即可固定。
- *部件的安装方向可通过调整支撑块左、右安装方向来改变。
- *带间隙通风功能。
- *铝连杆长度有三种不同尺寸可供客户选择, 分别是: 600mm、800mm、1000mm。

*This kind of clearance ventilation unit is applied to the external opening window of the normal European standard 20 groove profile. Applicable scope of the window sash height is 800mm-1200mm.
*Installation: inserting the driving part into the slot of sash, and then fix the handle to let the driving part stable, then move the lock set to the sash groove, after adjusting the position, and tightening the screw slice and head cap screw, the clearance ventilation unit can be fixed.
*The installation direction of the component can be changed by adjusting the installation direction of the supporting block.
*With the clearance ventilating performance.
*There are three different length of aluminum connecting rod can be optional, which are 600mm, 800mm, 1000mm.



安装使用说明:

Usage description:

一、安装顺序:

Installation sequence:

- 扇边安装: 将传动部分套入扇边的槽中, 再把拨钉A插入传动杆中固定好, 然后将执手转到90°时的拨叉槽口对准拨钉A插入后固定, 然后把支撑块槽口对准锁钉B后拧紧内六角平端紧定螺钉固定支撑块。图1

1. Sash installation: Insert the driving part into the slot of sash, and insert the screw nail A into the transmission rod, then fix it. Then, rotating the handle to the position of 90 degree, the fork slot is aligned with the screw nail A, then fix it. After that, the supporting block notch should be aligned with the lock nail B to tighten the hexagonal fixing screw to fix the support block. Fig.1

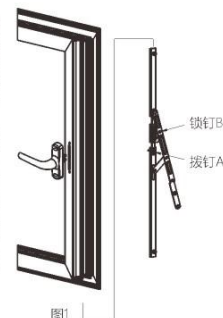


图1

2. 将锁座部分倾斜约15°, 斜装入型材槽口, 图2; 然后放直, 调整好位置后再拧紧螺栓固定即可, 图3。
2. Tilt the lock set part by about 15°, and insert it into the profile slot, which is as shown in Fig. 2; then straighten it, adjusting the position, and then tightening the screw to fix it, as shown in Fig. 3.



图2

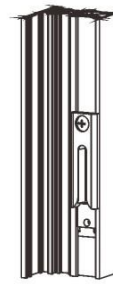


图3

二、操作使用(图4):

Operational use(Fig.4)

- 锁闭状态: 将执手的手柄转到0°位置时为锁闭状态。
- 间隙通风状态: 将执手的手柄转到90°位置时打开为间隙通风开启状态; 打开后再将手柄转到180°位置时为间隙通风锁定状态; 此状态下窗扇将无法关闭, 若要关闭, 必须将执手转回90°才能关闭。图4。
- 平开状态: 直接将执手的手柄转到180°位置再打开为平开状态, 图5。
- 适配执手: CZH26A、CZH11C、CZH05A等。
- 注意事项: ①适用窗扇宽度不低于400mm; ②适用窗扇高度800mm-1200mm, 窗扇宽、高比例适宜小于1:1.5; ③框、扇间隙控制在11.5 范围内。

1. Locking state: When the handle is turned to the 0° position, it is locked.
2. Clearance ventilation state: When the handle is turned to the 90° position, then opening the window, its clearance ventilation state is opened; if turning the handle to 180° position, it is the clearance ventilation locking state. Under this situation, the window sash can not be closed. If you want to close the sash, must turn the handle to the 90° position, which is shown in Fig.4.
3. Opening state: Turn the handle to 180° position, and then open the window sash, this is the opening state. As Fig.5 shown.
4. Applicable handle: CZH26A, CZH11C, CZH05A, etc..
5. Attention: ① Applicable sash width is not less than 400mm; ② Applicable window sash height is 800mm-1200mm, and the ratio of window sash width and its height should be less than 1:1.5; ③ The interval clearance between the frame and sash should be controlled within the range of 11.5

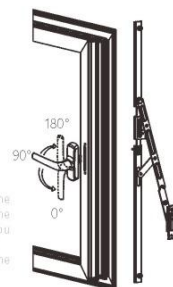


图4

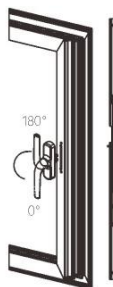
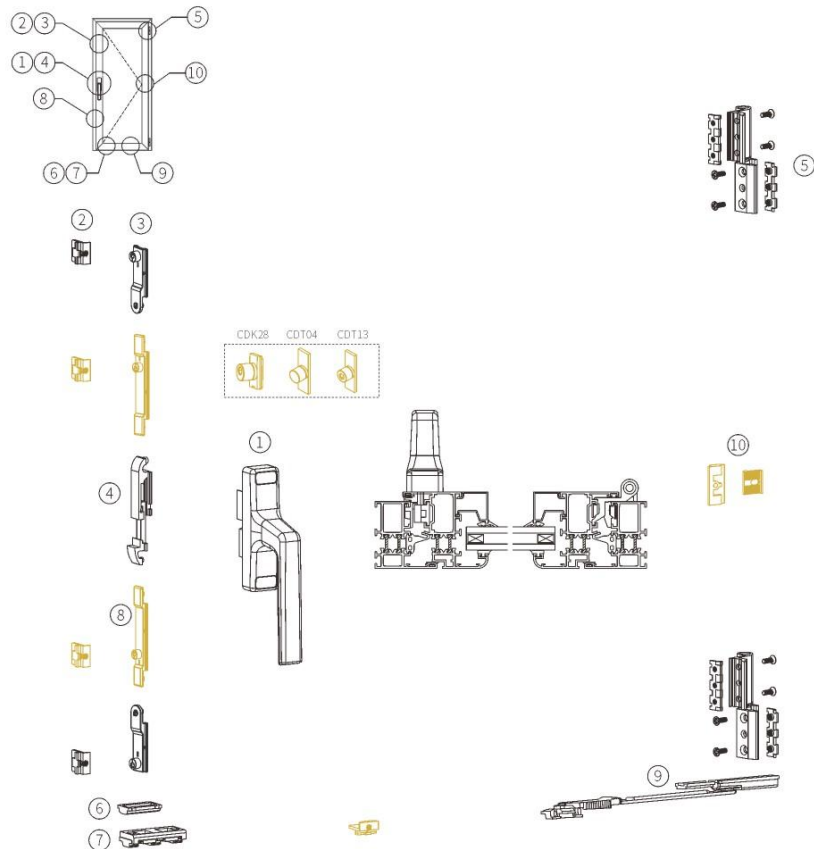


图5

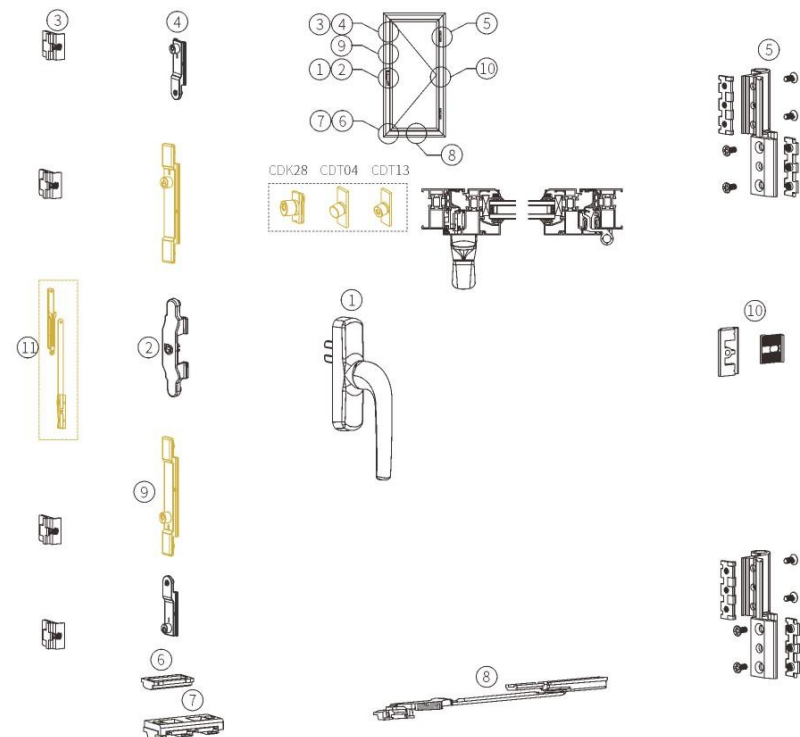
▶ 欧标20槽节能窗内平开双向 European Standard Inward Opening Double Direction



● 欧标节能窗内平开双向锁组件HCBG03 European standard inward opening double direction locking system

序号 No.	产品编号 Code	产品名称 Description	产品原编号 Code	锁 2 点 2 locking points	锁 3 点 3 locking points	锁 4 点 4 locking points
1	CZH11A	拨叉执手 Handle		1	1	1
2	CKG05	直角锁座 Lock Keeper		2	3	4
3	CL09	连接块 Connecting Block	CL06A	2	2	2
4	CQ07	转换器 Transmission Device		1	1	1
5	JX42	可卸合页 Adjustable Hinge		2	2	2
6	PP01	爬升块 Elevating Block		1	1	1
7	CKC03	插销锁座 Striker		1	1	1
8	CL05	连接块 Connecting Block			1	2
9	DO	欧槽支撑 Limiter stay		1	1	1
10	PK01	锁扣件 Lock Buckle		窗高超1.2m时使用 When the window height is over 1.2m, it can be used.		
11		胶条 Rubber Seal		根据型材选用 Selected based on the profile		

▶ 欧标20槽节能窗内平开单向 European Standard Inward Opening Single Direction



● 欧标内平开单向锁配置(右开) European standard inward opening Single Direction Locking System

序号 No.	产品编号 Code	产品名称 Description	锁 2 点 2 locking points	锁 3 点 3 locking points	锁 4 点 4 locking points	备注 Remark
1	CZH26	拨叉执手 Slanting Connection Rod	1	1	1	选配 Options
2	CQ10	转换器 Corner Device	1	1	1	
3	CKG05	直角锁座 Lock Keeper	2	3	4	
4	CL09	连接块 Connecting Block	2	2	2	
5	JX42	可卸合页 Upper Pivot Hinge	2	2	2	选配 Options
6	PP01	爬升块 Elevating Block	1	1	1	
7	CKC03	插销锁座 Striker	1	1	1	
8	DO	欧槽支撑 Stay	1	1	1	选配 Options
9	CL05	连接块 Connecting Block		1	2	
10	PK01	锁扣件 Lock Buckle		窗高超1.2m时使用 When the window height is over 1.2m, it can be used.		
11	FZ060	间隙通风拉杆 Clearance ventilation n lever	1	1	1	根据客户需求选配 Optional depending on customer's requirements

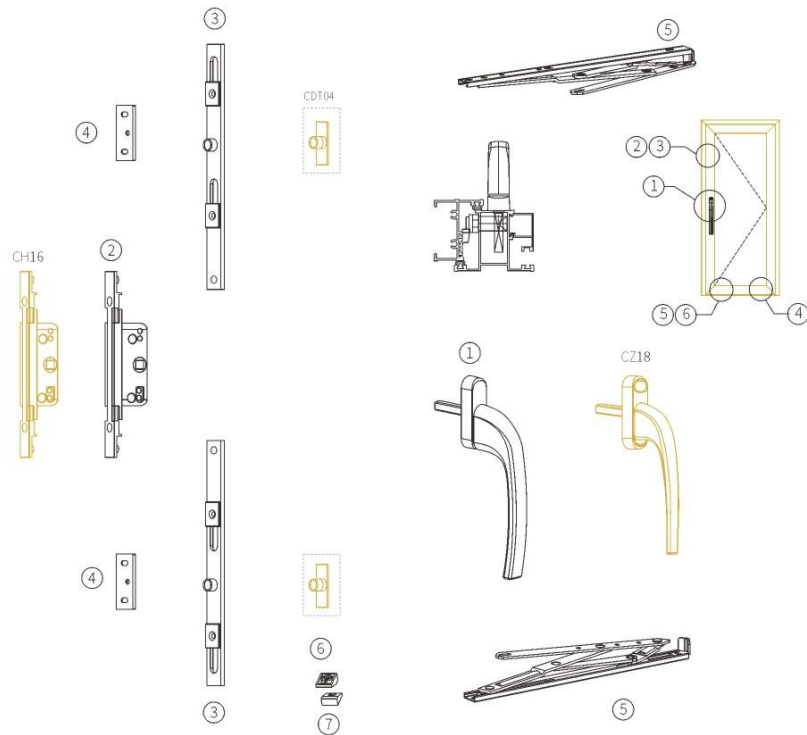
注意事项:

1. 窗户的框与扇的转角连接必须牢固可靠。
2. 本配置适用于标准欧式20槽口。
3. 以上彩色图形五金件为窗户选配件。
4. 内开组件必须配合欧槽限位撑(DO)使用,以达到最佳效果。
5. 本配置谨供参考;锁点可按客户要求配置。
6. 请正确选用口型合理、材料优质的密封胶条,它是令五金组件耐久使用的重要条件。

Attention :

1. The corner of the window frame and sash must be fixed.
2. The series is suitable for European Standard of 20 rabbet.
3. The hardware in orange color is optional.
4. Inward opening hardware is used with European rabbet friction stay for best effect.
5. This system is for reference; lock point is based on customers' requirement.
6. Please select the reasonable size and good material rubber sealing strip for it is the important reason of durable used.

外开窗五金配置系列—多点锁 Single-Point Locking Series For Outward Opening Window



外平开窗五金配置一 Outward Opening Window Configuration 1

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark	产品原编号 Code
1	CZ11	方轴执手 Handle	1		
2	CH15	锁盒 Gear	1		
3	CHJ12	连杆 Rod	2		CHJ01C2
4	CKG01	直角锁座 Striker	2		
5	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window	
6	PP08	爬升块 Elevating Block	1		
7	PP09	爬升块 Elevating Block	1		
8		胶条 Rubber Seal		根据型材而定 Based on the Profile	

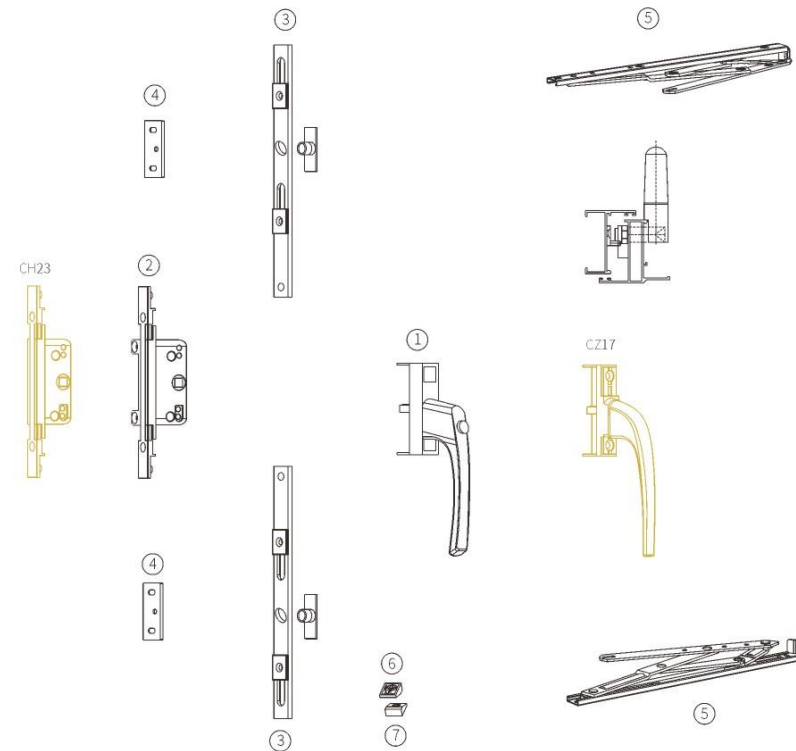
注意事项:

1. 本配置的配件均为可选择性配件, 可根据型材实配。
2. 本配置执手和锁盒有多种可供客户选择, 详见后面执手和锁盒系列。
3. 传动杆的长度和传动杆上锁点的数量根据窗型的大小而定 (当两连杆长度和大于100mm时建议用三个锁点)。
4. 选用不同的滑撑承重不一样, 具体技术参数见后面滑撑系列。
5. 在外平开窗中必需选用爬升块。

Attention :

1. The accessories in this set are all selective according to profile;
2. The handles and gears in various types are available. For more information, refer to the following handle and gear series;
3. The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 100mm);
4. Different frictions stay bears different weight. Specific technical parameter is in the following friction stay series.
5. Elevating block must be used on outward casement window.

外开窗五金配置系列—多点锁 Single-Point Locking Series For Outward Opening Window



外平开窗五金配置二 Outward Opening Window Configuration 2

序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark	产品原编号 Code
1	CZ06R	方轴执手 Handle	1		
2	CH10	锁盒 Gear	1		
3	CHJ14	连杆 Rod	2	根据窗型而定 Based on the window	CHJ01C
4	CKG01	直角锁座 Striker	2		
5	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window	
6	PP08	爬升块 Elevating Block	1		
7	PP09	爬升块 Elevating Block	1		
8		胶条 Rubber Seal		根据型材而定 Based on the Profile	

注意事项:

1. 本配置的配件均为可选择性配件, 可根据型材实配。
2. 本配置执手和锁盒有多种可供客户选择, 详见后面执手和锁盒系列。
3. 传动杆的长度和传动杆上锁点的数量根据窗型的大小而定 (当两连杆长度和大于100mm时建议用三个锁点)。
4. 选用不同的滑撑承重不一样, 具体技术参数见后面滑撑系列。
5. 在外平开窗中必需选用爬升块。

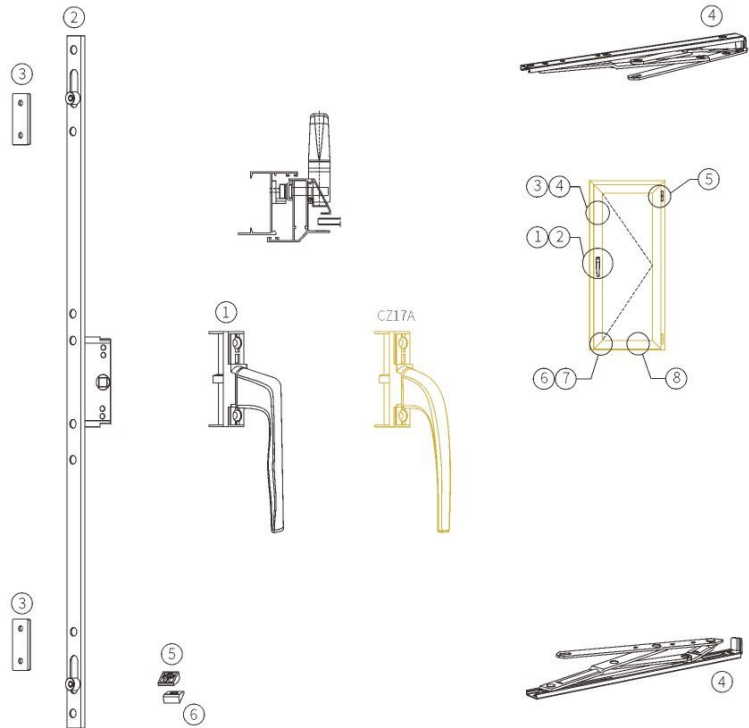
Attention :

1. The accessories in this set are all selective according to profile;
2. The handles and gears in various types are available. For more information, refer to the following handle and gear series;
3. The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 100mm);
4. Different frictions stay bears different weight. Specific technical parameter is in the following friction stay series.
5. Elevating block must be used on outward casement window.

外开窗五金配置系列—多点锁

Single-Point Locking Series

For Outward Opening Window



外平开窗五金配置三

Outward Opening Window Configuration 3

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZ20R	方轴执手 Handle	1	配CDT05锁钉 With CDT05 locking point
2	CH22	不锈钢连杆 Stainless steel Rod	1	
3	CKG07	直角锁座 Striker	2	
4	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window
5	PP08	爬升块 Elevating Block	1	
6	PP09	爬升块 Elevating Block	1	
7		胶条 Rubber Seal		根据型材而定 Based on the Profile

注意事项:

- 1、本配置的配件均为可选择性配件,可根据型材实配。
- 2、本配置执手的外观和拨叉长度有多种可供客户选择,详见后面执手系列。
- 3、传动杆的长度和传动杆上锁点的数量根据窗型的大小而定(当连杆长度大于1000mm时建议用三个锁点)。
- 4、选用不同的滑撑承重不一样,具体技术参数见后面滑撑系列。
- 5、在外平开窗中必需选用爬升块。

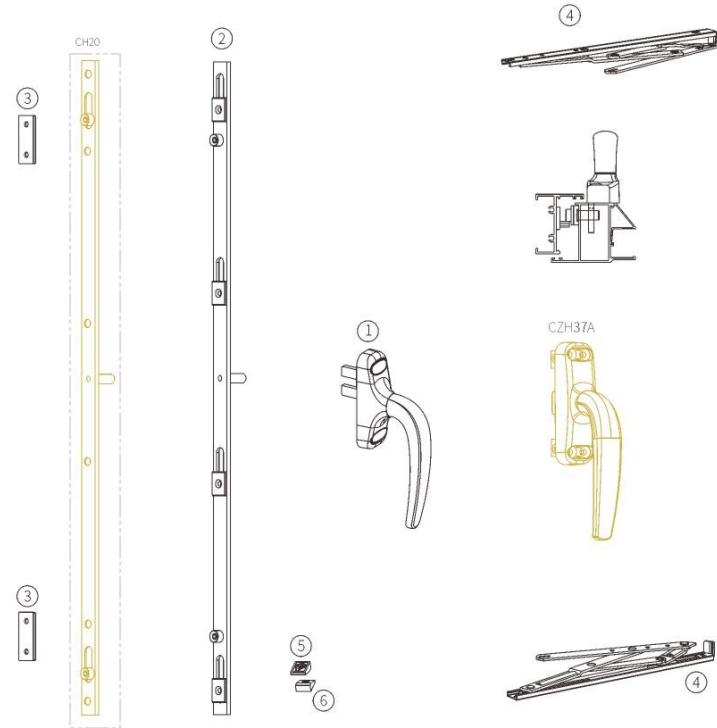
Attention :

- 1, The accessories in this set are all selective according to profile;
- 2 The appearance and length of the tongue is flexible to meet your requirements;
- 3, The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 1000 mm);
- 4, Different frictions stay bears different weight. For specific technical parameter, please refer to the following friction stay series.
- 5, Elevating block must be used on out-ward opening window.

外开窗五金配置系列—多点锁

Single-Point Locking Series

For Outward Opening Window



外平开窗五金配置四

Outward Opening Window Configuration 4

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH30	拨叉执手 Handle	1	执手分左右 Left and right version
2	CHJ01B	连杆 Rod	1	
3	CKG07	直角锁座 Striker	2	
4	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window
5	PP08	爬升块 Elevating Block	1	
6	PP09	爬升块 Elevating Block	1	
7		胶条 Rubber Seal		根据型材而定 Based on the Profile

注意事项:

- 1、本配置的配件均为可选择性配件,可根据型材实配。
- 2、本配置执手的外观和拨叉长度有多种可供客户选择,详见后面执手系列。
- 3、传动杆的长度和传动杆上锁点的数量根据窗型的大小而定(当连杆长度大于1000mm时建议用三个锁点)。
- 4、选用不同的滑撑承重不一样,具体技术参数见后面滑撑系列。
- 5、在外平开窗中必需选用爬升块。

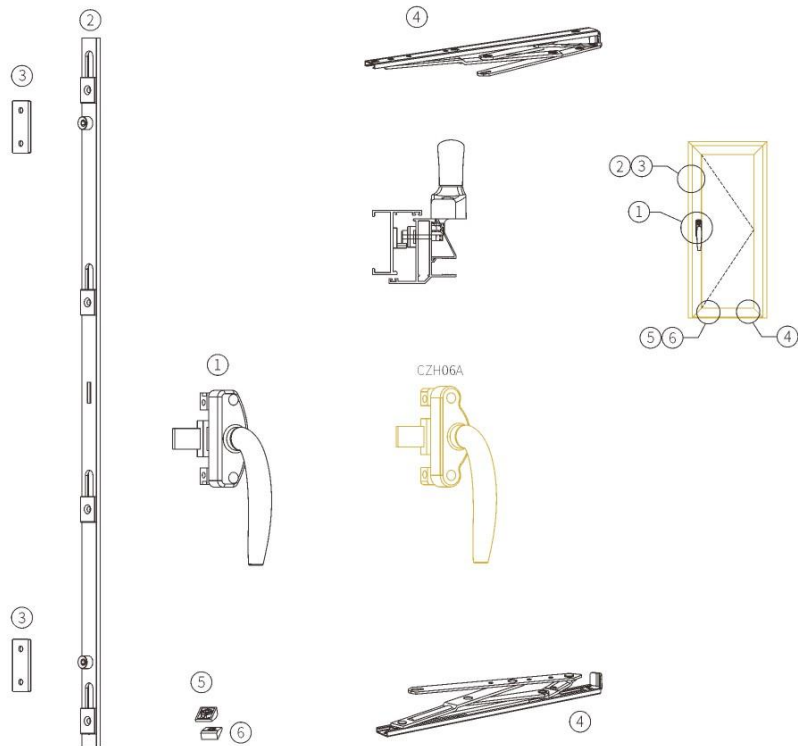
Attention :

- 1, The accessories in this set are all selective according to profile;
- 2 The appearance and length of the tongue is flexible to meet your requirements;
- 3, The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 1000 mm);
- 4, Different frictions stay bears different weight. For specific technical parameter, please refer to the following friction stay series.
- 5, Elevating block must be used on out-ward opening window.

▶ 外开窗五金配置系列—多点锁

Single-Point Locking Series

For Outward Opening Window



● 外平开窗五金配置五

Outward Opening Window Configuration 5

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH03B	拨叉执手 Handle	1	执手分左右 Left and right version
2	CHJ01	连杆 Rod	1	
3	CKG01	直角锁座 Striker	2	
4	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window
5	PP08	爬升块 Elevating Block	1	
6	PP09	爬升块 Elevating Block	1	
7		胶条 Rubber Seal		根据型材而定 Based on the Profile

注意事项：

1. 本配置的配件均为可选择性配件，可根据型材选配。
2. 本配置执手和传动铝连杆有多种可供客户选择，详见后面执手和连杆系列。
3. 传动杆的长度和传动杆上锁点的数量根据窗型的大小而定（当连杆长度大于1000mm时建议用三个锁点）。
4. 选用不同的滑撑，合页承重不一样，具体技术参数见后面滑撑及合页系列。
5. 外平开窗一般情况下使用滑撑，如不能配置滑撑而配置合页，需加双支撑。
6. 在外平开窗中必需选用爬升块。

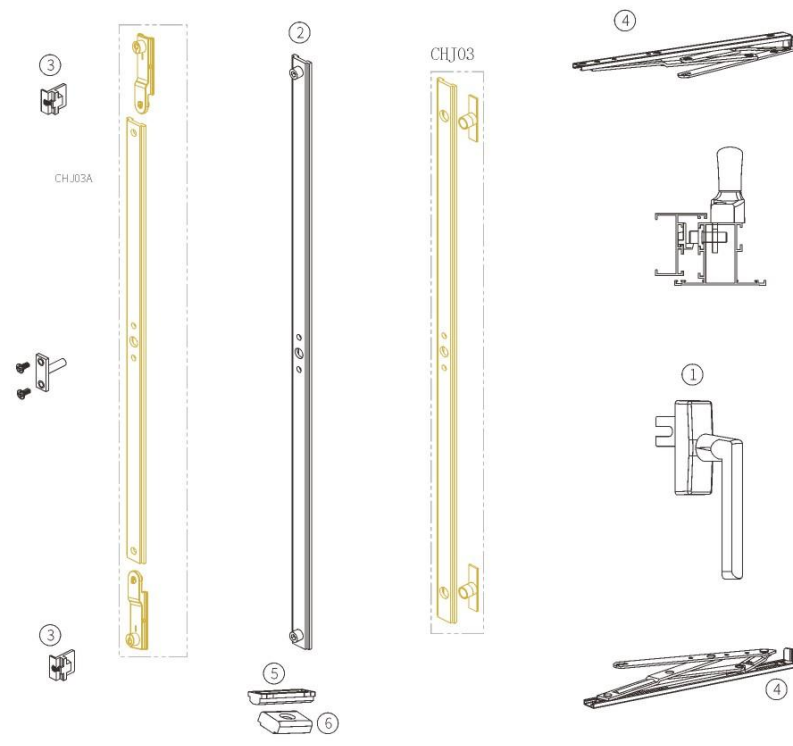
Attention :

1. The accessories in this set are all selective according to profile;
2. The appearance and length of the tongue is flexible to meet your requirements;
3. The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 1000 mm);
4. Different frictions stay bears different weight. For specific technical parameter, please refer to the following friction stay series;
5. Friction stay is generally for out-ward opening windows. Two supports are needed if using hinge instead of friction stay;
6. Elevating block must be used on outward opening window.

▶ 外开窗五金配置系列—多点锁

Single-Point Locking Series

For Outward Opening Window



● 外平开窗五金配置六

Outward Opening Window Configuration 6

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH15	拨叉执手 Handle	1	执手分左右 Left and right version
2	CHJ03B	连杆 Rod	1	
3	CKG05	直角锁座 Striker	2	
4	选配Select	滑撑 Friction Stay	2	根据窗型而定 Based on the window
5	PP01	爬升块 Elevating Block	1	
6	PP07	爬升块 Elevating Block	1	
7		胶条 Rubber Seal		根据型材而定 Based on the Profile

注意事项：

1. 本配置的配件均为可选择性配件，可根据型材选配。
2. 本配置执手和传动铝连杆有多种可供客户选择，详见后面执手和连杆系列。
3. 传动杆的长度和传动杆上锁点的数量根据窗型的大小而定（当连杆长度大于1000mm时建议用三个锁点）。
4. 选用不同的滑撑，合页承重不一样，具体技术参数见后面滑撑及合页系列。
5. 外平开窗一般情况下使用滑撑，如不能配置滑撑而配置合页，需加双支撑。
6. 在外平开窗中必需选用爬升块。

Attention :

1. The accessories in this set are all selective according to profile;
2. The appearance and length of the tongue is flexible to meet your requirements;
3. The length of transmission rod and the number of its locking points depends on the size of windows. (Three locking points is recommended when the sum of two transmission rods is over 1000 mm);
4. Different frictions stay bears different weight. For specific technical parameter, please refer to the following friction stay series;
5. Friction stay is generally for out-ward opening windows. Two supports are needed if using hinge instead of friction stay;
6. Elevating block must be used on outward opening window.

Crear Value
For Construction
为建筑创造价值



Multi-point Handle Series 传动机构用执手

定义:驱动传动锁闭器, 多点锁闭器, 实现门窗扇启闭的操纵装置。

主要性能指标:

1. 执行标准: JG/T 124-2017
2. 反复启闭25000个循环。
3. 空载操作力不大于40N, 操作力不大于40N, 操作力矩不大于2N·m。
4. 执手在25N·m~26N·m力矩作用下各部件无损坏, 执手柄曲线位置偏移小于5°。

使用范围:家居、办公楼、商务楼上所有内外平开窗、室内推拉门上, 及幕墙上悬窗上。

Definition:

A kind of controlling device that drives up transmission devices, multi-point locking devices and achieves the opening and closing of windows and doors.

Performance index:

1. Operating standard: JG/T 124-2017
2. Repeatedly open and close for 25,000 times.
3. No load operation force is $\leq 40\text{N}$, operation force is $\leq 40\text{N}$, operation moment is less than $2\text{N}\cdot\text{m}$.
4. The handle can remain undamaged under $25\text{N}\cdot\text{m}$ ~ $26\text{N}\cdot\text{m}$ operation moment, the deviation from the handle shank curve is less than 5° .

Scope of application:

Casement window, sliding door and top-hung window of home and office building.

选用要点说明:

Key Points For Selection:

- 1、需根据我司提供的配置或其它相关技术资料正确合理选用与型材相匹配的及所需执手。
- 2、从产品结构设计和力学角度考虑，在传动受力上，一般情况下，特别是长传动轴距时，方轴执手十传动锁盒优于拨叉执手十传动杆配置方案，故选用外开窗执手时应注意以下2点：
- a. 在一般隔热型材结构外平开窗中应选用方轴执手十传动锁盒。
- b. 拨叉执手的拨叉长度不宜超过50mm。
1. Select the correct handle that can match the profile, provided by us or suggested by other reference materials.
2. From the aspect of product design and mechanics, specially when it is long transmission distance, square handle + transmission box is better than fork handle + transmission rod. Thus when we choose handle for outward open window, we shall pay attention to the following 2 points.
- a. We should choose square handle + transmission box when the outward open window is with general insulation profile.
- b. The length of the fork should not be more than 50mm.

安装要点说明:

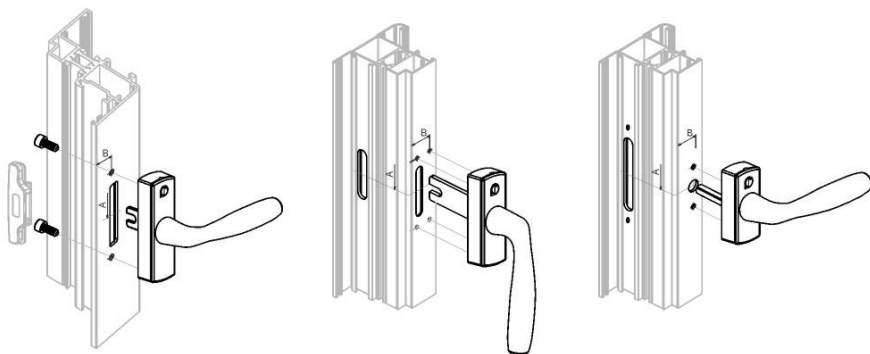
Key Points For Installation:

1. 根据配置选用的执手和其它连接件在型材确定正确的纵向A和横向安装位置及尺寸。
2. 根据确定的执手安装位置后,按执手的技术参数和实物在型材上固定螺丝和拨叉(方轴)避开活动孔尺寸。
3. 执手拨叉(方轴)在型材上的拔(转)动必须顺畅,不能与型材相干涉。
4. 执手拨叉(方轴)与其相配合传动件的位置须准确对齐,不得干涉或偏斜。

注:不同的执手与不同的传动件和不同结构的型材配合,开孔安装位置和尺寸均有不同,必要时请与我司技术部门联系。

1. Decide the correct position and size of A and B according to the selected handle and other items.
2. After the position is decided, drill for screw and square shaft on profile according to the handle.
3. The handle must operate freely on the profile.
4. The installation position must be aligned with its matching transmission device, non-interference or deflective.

Note: Different handle matches different transmission devices and profiles, there is a difference on the position and the size of the punching hole.
Please contact us when it is necessary.

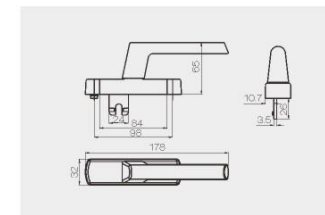


► 多点锁执手系列

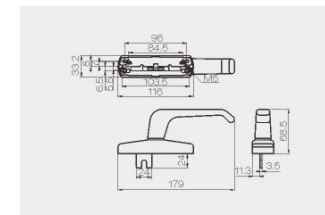
Multi-point Lockable Handle Series



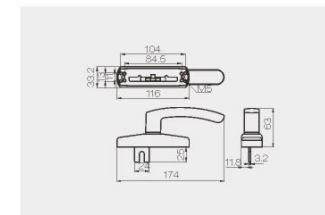
CZH60



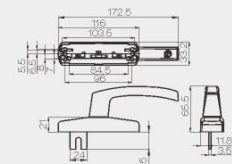
CZH04B



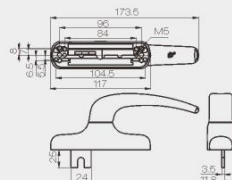
CZH23A



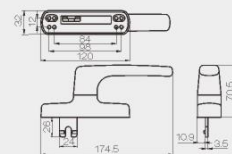
- 执手分左右
- 拨叉长度可根据客户要求定制外露长度
- Left and right version
- Fork length is the outside length of fork we can make as per customer requirement.



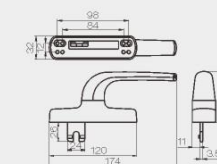
- 执手分左右
- 拨叉长度可根据客户要求定制外露长度
- Left and right version
- Fork length is the outside length of fork we can make as per customer requirement.



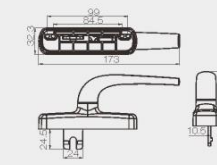
- 执手分左右
- 拨叉长度可根据客户要求定制外露长度
- Left and right version
- Fork length is the outside length of fork we can make as per customer requirement.



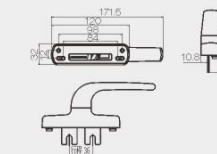
- 执手分左右
- 拨叉长度可根据客户要求定制外露长度
- Left and right version
- Fork length is the outside length of fork we can make as per customer requirement.



- 执手分左右
- 拨叉长度可根据客户要求定制外露长度
- Left and right version
- Fork length is the outside length of fork we can make as per customer requirement.



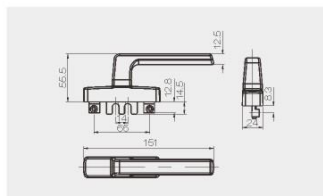
- 执手不分左右。
- 执手符合乙级防火标准。
- No left and right version.
- Handle conform to Class B fire protection standard.





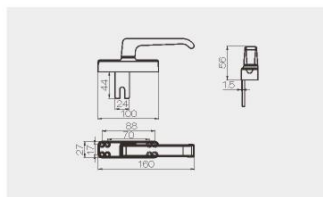
CZH47A

- 执手分左右
- Left and right version



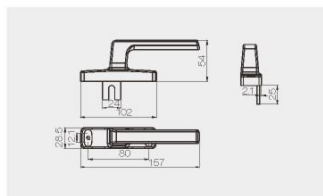
CZH21

- 执手分左右
- 拨叉长度 20 ~ 60mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-60mm,the outside length of fork we can make as per customer requirement.



CZH29

- 执手分左右
- 拨叉长度 20 ~ 60mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-60mm,the outside length of fork we can make as per customer requirement.

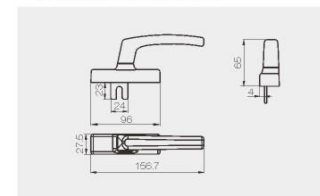


▶ 多点锁执手系列
Multi-point Lockable Handle Series



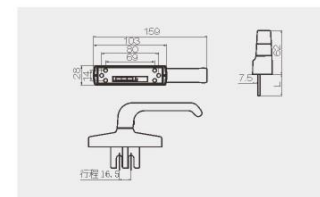
CZH33

- 执手分左右
- 拨叉长度 20 ~ 50mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-50mm, the outside length of fork we can make as per customer requirement.



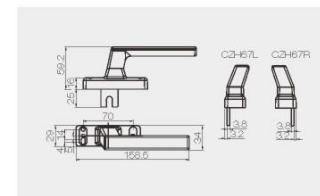
CZH71

- 执手需分左右
- 拨叉外露长度 25 ~ 50mm，可根据客户要求定制
- left and right version
- Fork length is 25-50mm, the outside length of fork can make as per customer requirement.



CZH67

- 执手分左右
- 本产品适用于上悬窗、外平开窗。
- 拨叉长度 20 ~ 60mm, 可根据客户要求定制长度。
- Left and right version
- It's used for top hinging window and outward casement window.
- Fork length: 20~60mm, can be made as requirement.

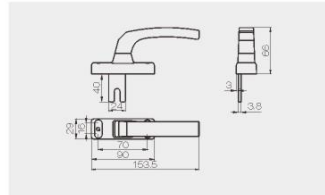


多点锁执手系列

Multi-point Lockable Handle Series

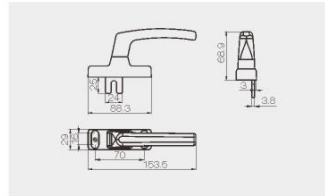
CZH32

- 执手分左右
- 拨叉长度 20 ~ 60mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-60mm, the outside length of fork we can make as per customer requirement.



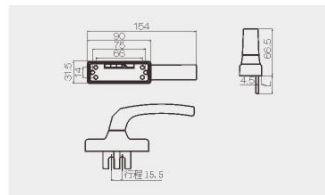
CZH32B

- 执手分左右
- 拨叉长度 20 ~ 60mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-60mm, the outside length of fork we can make as per customer requirement.



CZH72

- 执手不分左右
- 拨叉外露长度 25 ~ 55mm, 可根据客户要求定制
- No left and right version
- Fork length is 25-55mm, the outside length of fork we can make as per customer requirement.

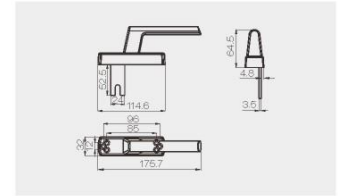


多点锁执手系列

Multi-point Lockable Handle Series

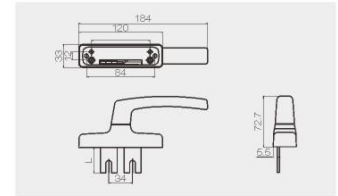


CZH45



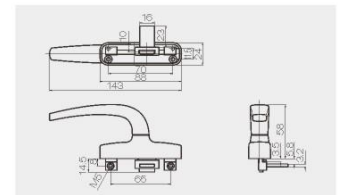
CZH42A

- 执手不分左右
- 拨叉外露长度 25-52.5mm, 可根据客户要求制定
- No left and right version
- Fork length is 25-52.5mm, the outside length of fork we can make as per customer requirement.



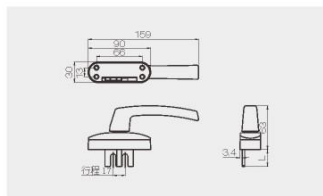
CZH37A

- 执手分左右
- Left and right version



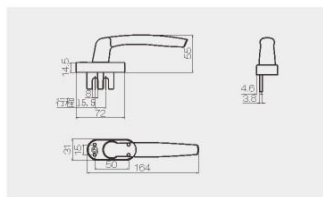


CZH69

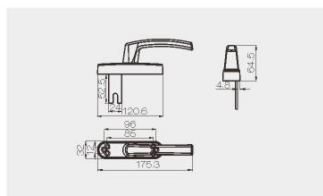


CZH68

- 执手不分左右
- 拨叉外露长度 25 ~ 55mm
- No Left and right version
- The outside length of the fork is 25-55mm.



CZH43

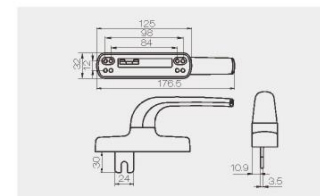


▶ 多点锁执手系列
Multi-point Lockable Handle Series



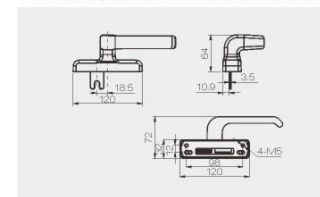
CZH26A

- 执手分左右
- 拨叉长度 20~60mm 可根据客户要求定制外露长度
- Left and right version
- Fork length is 20-60mm, the outside length of fork we can make as per customer requirement.



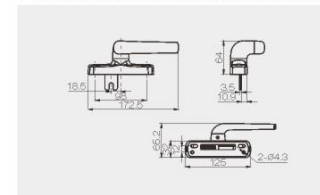
CZH54

- 本产品适用于上悬窗。
- 执手分左右，图中产品为右，如需左执手仅将手柄调换方向即可。
- 拨叉长度可按客户要求定做。
- 型材开孔尺寸A需根据执手安装位置确定。
- It's used for top hung window.
- Left and right version This picture is right version. Exchange handle shank direction when left version is needed.
- Fork length can be made as per your requirements.
- The installation position of the handle decides the hole size of profile(A).



CZH48

- 本产品适用于上悬窗。
- 执手分左右，图中产品为右，如需在执手仅将手柄调换方向即可。
- 拨叉长度可按客户要求定做。
- 型材开孔尺寸A需根据执手安装位置确定。
- It's used for top hung window.
- Left and right version This picture is right version. Exchange handle shank direction when left version is needed.
- Fork length can be made as per your requirements.
- The installation position of the handle decides the hole size of profile(A)





Creat Value
For Construction
为建筑创造价值

Multi-point Transmission Device Series 传动锁闭器

定义：控制门窗扇锁闭和开启的杆形、带锁点的传动装置。

主要性能指标：

1. 执行标准：JG/T 126-2017
2. 传动锁闭器可循环25000次，无扭曲、无变形，可正常使用。

使用范围：平开窗，推拉门。

Definition:

The device that controls the lock and transmission of window and door.

Performance index:

1. Operating standard: JG/T 126-2017
2. Transmission lock closed circulation 25,000, no distortion and deformation, in working order.

Scope of application:

Casement door and sliding door.

► 传动锁闭器系列

Multi-point Transmission Device Series

- 标准铝连杆有400, 600, 800, 1000, 1200, 1400各款尺寸可供选择。
- 另铝连杆可根据客户要求定做。
- The length of standard transmission red is flexible in 400, 600, 800, 1000, 1200 and 1400mm;
- Transmission red with special specification can be made as per your request.

CHJ01B



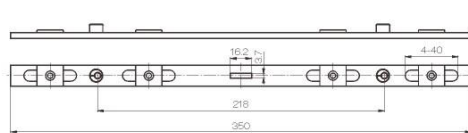
CHJ01A



CHJ03B



CHJ01

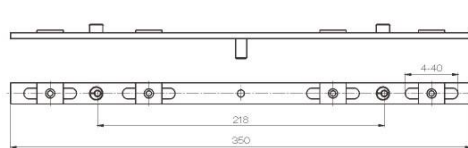


CHJ01A

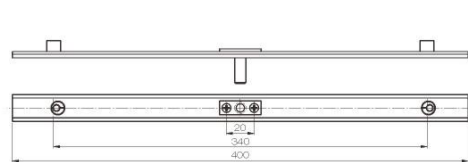


铝杆中间孔尺寸图
The size of the middle aluminum rod

CHJ01B



CHJ03B



► 传动锁闭器系列

Multi-point Transmission Device Series

- 标准铝连杆有400, 600, 800, 1000, 1200, 1400各款尺寸可供选择。
- 另铝连杆可根据客户要求定做。
- The length of standard transmission red is flexible in 400, 600, 800, 1000, 1200 and 1400mm;
- Transmission red with special specification can be made as per your request.

CHJ08



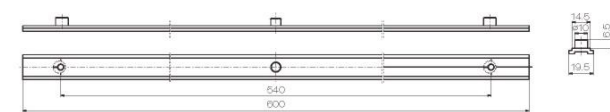
CH05



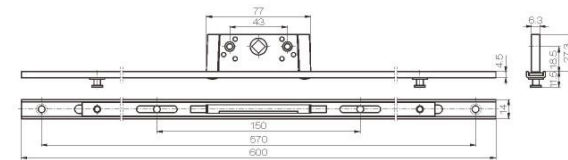
CH20



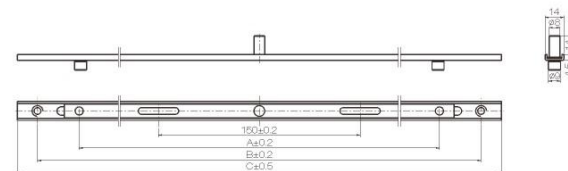
CHJ08



CH05

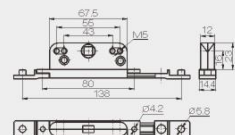


CH20

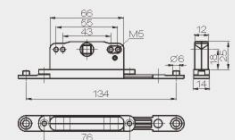




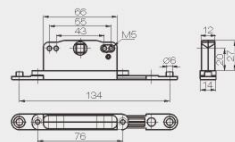
- 单向
- one-way



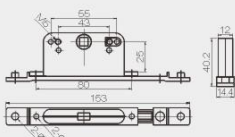
- 单向
- one-way



- 单向
- one-way



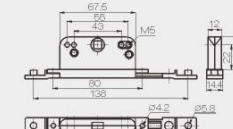
- 单向
- one-way



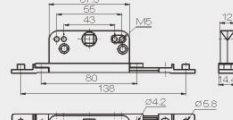
► 传动锁闭器系列



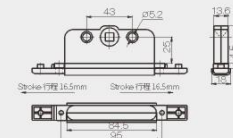
- 单向
- one-way



- 单向
- one-way



- 双向
- double-sided



► 多点锁锁座系列

The image displays six views of a mechanical component, likely a bracket or a small housing. The views are arranged in two columns and three rows. The top row shows the front and top views. The middle row shows the left and right side views. The bottom row shows the bottom and isometric views. The component has a rectangular base with a central slot and two circular holes on each side. A small, rectangular protrusion is located on the top surface.

Technical drawing of a mechanical part with dimensions:

- Top view: Overall width 30.4, central width 19.6, and a central slot width of 12.2.
- Side view: Overall height 15.6, a central feature height of 3.7, and a base thickness of 10.8.
- Bottom view: Overall width 25, two circular features with diameters $2-\varnothing 8.3$ and $2-\varnothing 4.8$, and a central slot width of 12.2.

Technical drawing of a mechanical part with dimensions:

- Overall width: 45
- Distance between mounting holes: 30
- Mounting hole diameter: $\varnothing 4.5$
- Overall height: 16
- Distance between mounting holes (bottom view): 24
- Mounting hole diameter (bottom view): $\varnothing 4.5$
- Distance from mounting hole to edge (side view): 2.5
- Distance from mounting hole to edge (bottom view): 10

Technical drawing of a mechanical part. The main view shows a cross-section with dimensions: 33 (total width), 28 (inner width), 12 (hole diameter), 18.6 (top flange thickness), 12.9 (bottom flange thickness), 14.5 (central hole diameter), and 6 (bottom flange thickness). A section view on the right shows a curved profile with dimensions: 7 (top radius), 13.6 (height), and 8.3 (base width).

Technical drawing of a mechanical part. The top view shows a rectangular base with dimensions 45 (width) and 30 (depth). A central raised section has a width of 20 and a height of 15. A side view shows a total height of 19, with a base thickness of 3.2 and a raised section height of 12. A cross-section view shows a central hole with a diameter of $\varnothing 4.2$ and two side holes with a diameter of $\varnothing 8.2$. A dimension of 6 is shown for the distance from the center of the central hole to the center of the side holes.

Technical drawing of a mechanical part with three views: front, top, and side. The front view shows a base with a central raised section and two side sections. The top view shows the base with two circular holes. The side view shows the profile of the part. Dimensions are given in millimeters.

Dimensions (mm):

- Front view: 30, 45, 18, 6.5
- Top view: 10, Ø4.2, Ø7
- Side view: 11, 13, 5.5, 4.4, 14, 24, 6, 7

Technical drawing of a mechanical part showing two views. The top view is a front elevation showing a base with a width of 45 and a central feature with a width of 30. The bottom view is a top-down view showing a rectangular part with a width of 18 and a height of 8. The bottom view also shows two circular features with diameters of $\varnothing 4.2$ and a central feature with a width of 3.5. The top view shows a central feature with a height of 12.8 and a base with a height of 3.5. The bottom view shows a central feature with a height of 3.5 and a base with a height of 12.8.



Technical drawing of a mechanical part with dimensions:

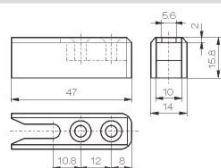
- Top view: Overall width 83, height 10, and a central slot width of 30.5.
- Side view: Overall height 10, a central slot depth of 5.8, and a fillet radius of 0.5.
- End view: A circular feature with a diameter of 10 and a fillet radius of 150°.

► 多点锁锁座系列

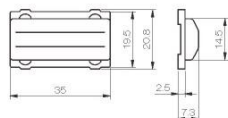
Multi-point Locking Holder Series



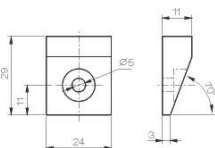
CK05



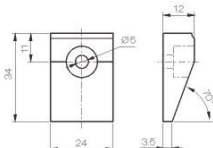
PP01



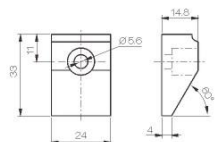
PP03



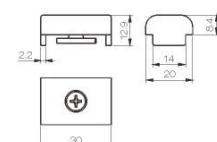
PP04



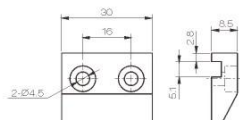
PP05



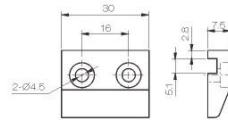
PP07



PP08

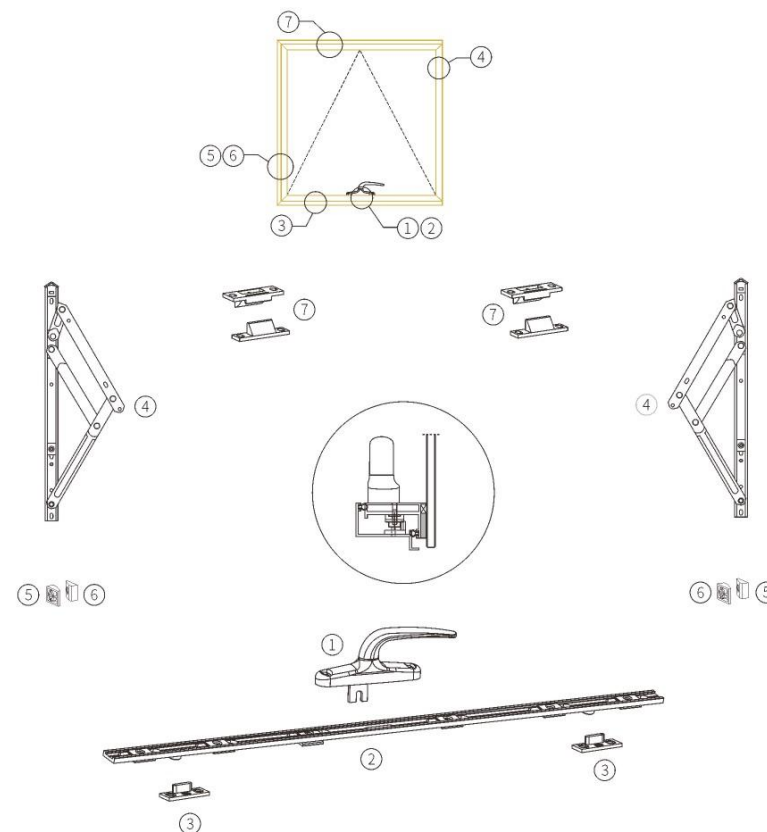


PP09



► 上悬窗系列

Light Top-hung Window Series



轻型上悬窗配置

Light Top-hung Window Components

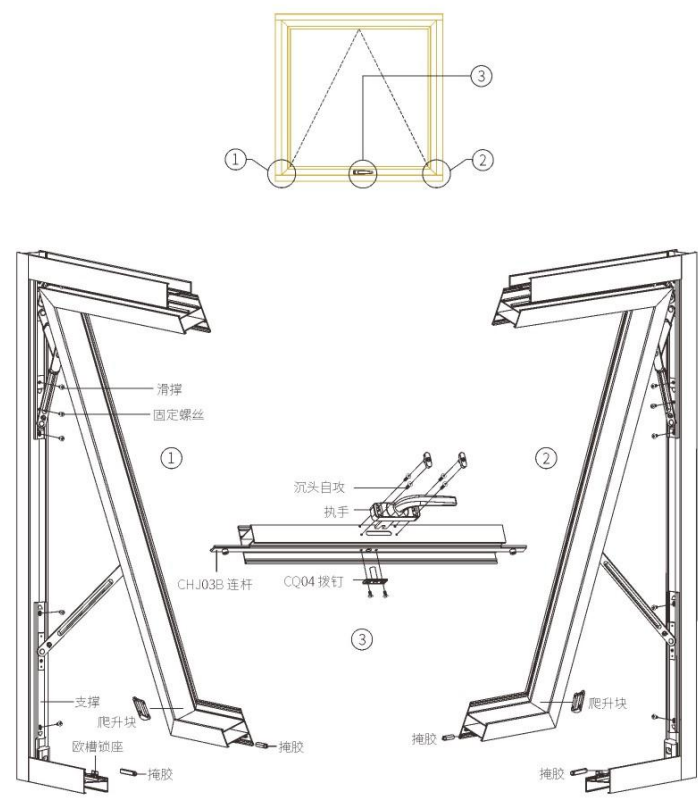
序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZH05A	拨叉执手 Handle	1	
2	CHJ01A	连杆 Rod	1	
3	CKG07	直角锁座 Striker	2	
4	HHKX	摩擦滑撑 Friction Stay	2	根据窗型而定 Based on the window
5	PP08	爬升块 Elevating Block	2	
6	PP09	爬升块 Elevating Block	2	
7	PK02	锁扣件 Lock Buckle	2	
8		胶条 Rubber Seal		

配置说明：

- 1、本配置适用于普通上悬窗中。
- 2、本配置执手有多种不同款色可供选择。
- 3、选用不同时滑撑承重不一样，具体参数见后面滑撑系列。

Attention :

外上悬窗安装示意图 Installation Diagram of Outside Top-hung Windows



- 注意事项:**
- 1、请根据我可提供的相关配置图正确选用合理的五金及优质的密封胶条，并按图开孔安装，它是成为优良门窗的保证。
 - 2、窗户的榫与扇组角连接必须牢固可靠。
 - 3、以上配置为普通外上悬窗安装示意图，配件有多种选择，可根据型材实配。
 - 4、对于高比宽明显大，同时窗型较小时，可只选用滑撑。

Attention :

- 1、Choose suitable hardware and high quality rubber gasket as per this configuration figure. That can ensure fine doors and windows.
- 2、The corner connection of frame and sash must be firm.
- 3、This is installation diagram for ordinary hanging outside windows. The accessories are flexible to match different profiles;
- 4、For light windows with bigger height than width, it's feasible to only use friction stay.

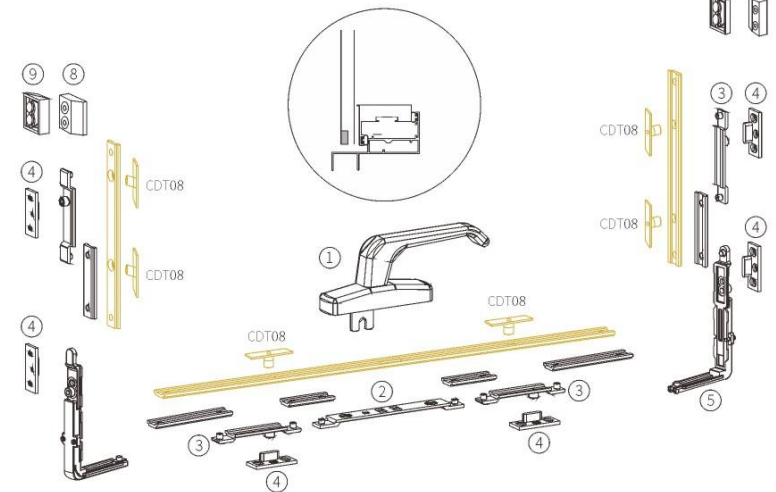
幕墙多点锁系列 Multi-point Looking Series For Curtain Walls



幕墙多点锁配置 Multi-point locking components for curtain walls

序号 No.	产品名称 Description	产品编号 Code	锁 2 点 Locking points	锁 3 点 Locking points	锁 4 点 Locking points	锁 5 点 Locking points	锁 6 点 Locking points
1	拨叉执手 Handle	CZH04B	1	1	1	1	1
2	连杆 Rod	CHJ02	1	1	1	1	1
3	连接块 Connecting Block	CL04	2	2	2	2	4
4	直角锁座 Striker	CKG03	2	3	4	5	6
5	转角器 Corner Device	A.CQ01A			2	2	2
6	悬窗滑撑 Friction Stay	HHKX	2	2	2	2	2
7	支撑 Limiter Stay	DK	2	2	2	2	2
8	爬升块 Elevating Block	PP08	2	2	2	2	2
9	爬升块 Elevating Block	PP09	2	2	2	2	2
10	锁扣件 Lock Buckle	PK02	2	2	2	2	2

- 配置说明:**
- 1、本配置适用于带欧式槽的上悬窗中。
 - 2、其中棕色图形五金件为客户选配件。
 - 3、本配置仅供参考，有多款执手可供选择，锁点可按客户要求配置。
 - 4、选用不同的滑撑和支撑承重不一样，具体参见后面滑撑系列。
- Attention :**
- 1、this configuration is suitable for top-hung Window with european groove;
 - 2、Items in orange are selective;
 - 3、It's only for reference: various types of handles are available, and the number of locking points depends on your requirements;
 - 4、Different friction stays and supports can bear different load. For further information, please refer to the following friction stay series.





Crear Value
For Construction
为建筑创造价值

Friction Stay Series 滑撑系列

定义：用于连接窗框和窗扇、支承窗扇，实现启闭的多杆件装置。

主要性能指标：

1、执行标准：JG/T 127-2017

2、反复启闭35000次后，窗扇启闭力不应大于80N。

使用范围：外平开窗（窗扇宽度小于200mm），外上悬窗（窗扇开启最大极限距离300时，扇高度应小于1200mm）。

Definition:

The device that is applied for connection of window frame and sash, supporting window sash and realizing opening and closing function.

Performance index:

1. Operating standard: JG/T 127-2017

2. Repeatedly open and close 35000 times, the sash hoisting capacity $\leq 80\text{N}$.

Scope of application:

window sash width $\leq 200\text{mm}$ open top-hung window: when reach 300, the maximum limit of distance, the window sash height $\leq 1200\text{mm}$.

滑撑的选用和安装

Selection And Installation

滑撑的选用

The selection of friction stay

滑撑的选用需根据窗户的重量和窗型大小确定:

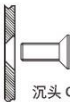
- 1.滑撑的要求承重=窗扇的重量(玻璃重量+窗扇型材重量) x安全系数1.3-1.5。由窗重查《滑撑铝窗规格表》得到滑撑所满足承重要求的系列或规格。
- 2.滑撑的长度规格选用:一般情况下是窗宽的2/3, 如果窗户较轻时, 可以为1/2。
- 3.根据分别满足第1、2项窗重和窗户尺寸的要求从滑撑铝窗规格表中 查得滑撑的规格长度。
- 4.窗扇的最大开启角度还与滑撑系列的选用及安装位置有关。
- 5.非同一类型、同一尺寸的一对滑撑不能装到一个窗户上。

The selection of friction stay depends on the window weight and size:

1. Friction stay should bear the weight of the sash (glass + profile) * safety factor 1.3-1.5
2. Selection of its length: Normally is 2/3 of the window width, or 1/2 if the window is lighter.
3. The length of friction stay can be referred according to the two requirements above.
4. The maximum opening angle of the sash is relevant with the selection of the friction stay and its installation.
5. Different size and type of friction stay cannot be installed on the same window.

滑撑紧固螺丝或螺钉的选用

The selection of stainless steel screw



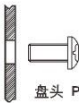
沉头 Countersunk head

滑撑紧固采用M5x8不锈钢螺丝, 分别为: 小沉头和小盘头。

根据实际情况合理用螺丝或螺钉, 在此建议凡是有沉孔的地方必须用沉头, 其它地方如滑槽或没有沉孔的地方则用盘头。这样才能保证其安装的牢固可靠性。(如左图)

必须使滑撑与窗扇及窗框牢固连接, 不得松动。所有螺丝孔都必须拧上螺丝或螺钉, 少一个都将影响到滑撑的承重能力。

建议铝型材底部垫上衬钢, 固定采用机制螺丝。



盘头 Pan head

M5*8 stainless steel screws is used to fasten the friction stay, both countersunk head and pan head.

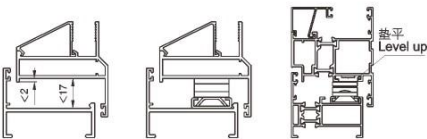
Select the screw accordingly, we suggest countersunk head must be used where there is a counterbore, pan head can be used elsewhere.

Friction stay must be firmly fixed with the sash and the frame, all the screw holes must be twisted with screws, otherwise it will effect the load bearing.

We suggest putting steel lining on the bottom of the profile and using machine-processed screw to fasten.

滑撑对型材的配合要求与安装

The installation and its requirements on profile



安装滑撑时应保证窗框扇之间的距离为滑撑的叠高, 一般为17—17.5毫米, 具体技术参数见后面滑撑系列和实物。

安装时还应注意滑撑应尽量靠窗框的外边缘, 三角头要靠框边放, 同时保证上下两支滑撑对称安装。

Make sure the distance of window sash and frame is the height of the friction stay, generally 17-17.5mm, please refer to the next pages for details.

The friction stay should be close to the outward edge of the window frame. The delta head should be placed next to the frame. Both upper and bottom friction stay should be symmetrically installed.

滑撑的维护

The maintenance of friction stay

滑撑需要定期的检查维护, 滑撑的底槽中不能落入沙子、水泥、石灰等硬质杂物和酸性碱性腐蚀物。及太多的灰尘等。清理杂物后放润滑油这样会使窗户在开关时不顺畅, 滑撑中应定期的加入一润滑油。

Friction stay should be checked and maintained regularly. Window will be unsmooth if sand, cement, dust, any hard object or corrosive object falls into the bottom of the friction stay. Lube should be added regularly.

产品技术参数若有变化, 恕不另行通知, 必要时请咨询我司技术部。
If the technical parameter has changed, forgive us for no notice.
Please consult the technical department if necessary.

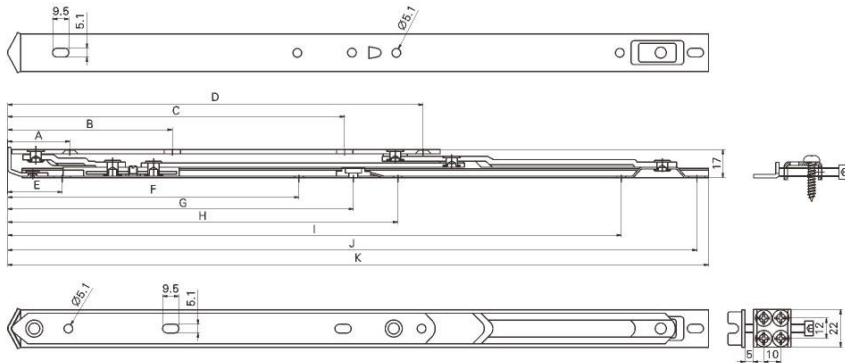
HHKX 系列上悬窗滑撑

Hhxx Top-hung Window Friction Stay Series



- 1.用最优良的304不锈钢制造。
- 2.用于上悬窗中, 可单独使用, 用于重型窗时需增加支撑。
- 3.滑撑应优先保证与型材的联接强度, 其联接力应大于承重级别。
- 4.选择滑撑规格时, 必须时满足窗重和窗尺寸规格大小。
- 5.悬窗开启距离需在300mm内。

1. Material: High quality 304 stainless steel.
2. One pair is enough for top-hung window, another stay is needed for heavy duty window.
3. Make sure the joining strength of the profile and the friction stay is greater than the load bearing.
4. The friction stay must meet the weight and the size of the window.
5. The open distance of the top-hung window should be within 300mm.



上滑窗滑撑托件
FZ059(可选用)

HHKX系列上悬窗滑撑

HHKX Top-hung Window Friction Stay Series

规格 Specification	A	B	C	D	E	F	G	H	I	J	K
HHKX10	38	83	135	165	29.5	--	155	179.5	207	251.5	260
HHKX12	38	97.5	163.5	198.5	32.5	--	179.5	--	248	293	300
HHKX14	38	98	157	199	32.5	--	203.5	229.5	300.5	344.5	352
HHKX16	38	98	199	245	32.5	171.5	203.5	229.5	360.5	404	412

HHKX系列上悬窗滑撑

HHKX Top-hung Window Friction Stay Series

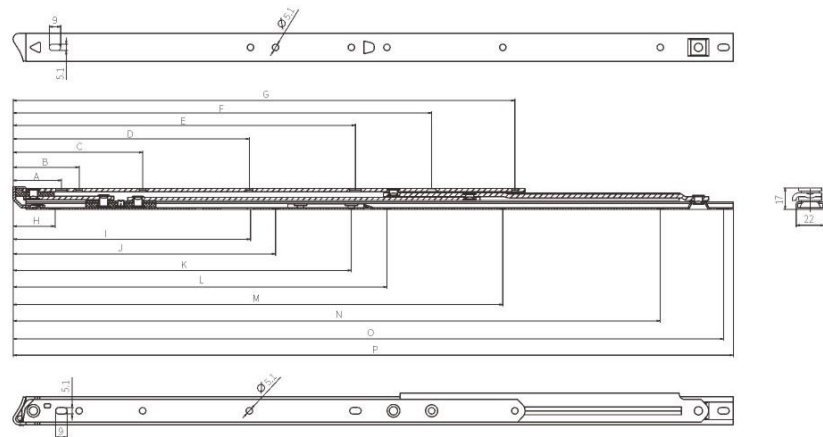
规格 Specification	HHKX10	HHKX12	HHKX14	HHKX16
开窗最大角度 a Maximum Open Angle	< 40	< 40	< 35	< 30/25
最大承重 kg Maximum Load Bearing	28kg	36kg	40kg	48kg

HHKX 系列上悬窗滑撑

HHKX Top-hung Window Friction Stay Series



- 1.用最优良的304不锈钢制造。
 - 2.可根据客户要求，订制开启角度。
 - 3.用于上悬窗中，可单独使用，用于重型窗时需增加支撑。
 - 4.符合JG/T127-2017《建筑门窗五金件—滑撑》标准。
 - 5.因技术改进和产品通用性提高，不能及时更新，以下参数仅供参考，具体尺寸参数以实物为准。
 - 6.滑撑应优先保证与型材的联接强度，其联接力应大于承重级别。
 - 7.选择滑撑规格时，必须满足窗重和窗尺寸规格大小。
 - 8.悬窗开启距离需在300mm内。
- 1.Material: excellent 304 stainless steel
 - 2.opening angel can be produced based on customers' requirement
 - 3.For lighter window, use single pair. For heavier one, extra supporting arm is need.
 - 4.Comply with JG/T127-2017 standards.
 - 5.Untimely update because of technical and product commodity improvement; below parameters are just for reference (detail size parameters are subject to real object)
 - 6.Friction stay should be given priority to ensure the joint strength of 7.the profile, the relay should be greater than the load level.
 - 7.the profile, the relay should be greater than the load level.
 - 8.We must meet the window weight and window size specifications while selection of sliding support.
 - 9.the opening distance of the top-hung window should be within 300mm



规格 Specification	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
HHKX18	38	52	102	186	208	267.5	333.5	33	182	197	244	284.5	386	408	458	465.5
HHKX22	38	52	102	186	270	330	395	33	187	207	266.5	294.5	386	510	559.5	567

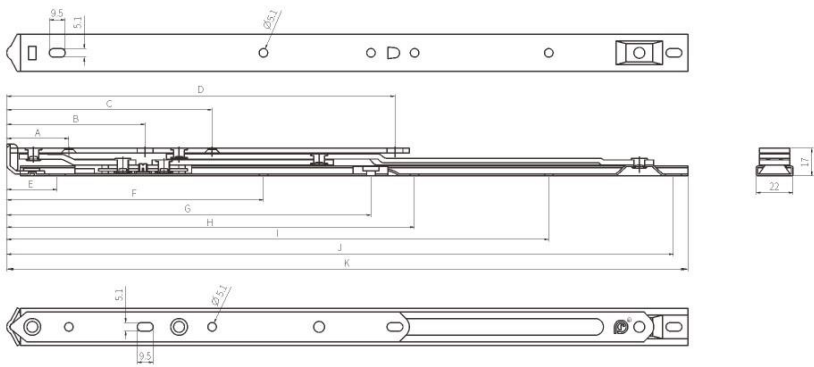
规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle	备注 Remark
HHKX18	1800	1700	120KG	15°/20°/30°	窗重超过 60KG 时必须在铝材内加钢衬 When the weight of window is over 60kg, please put steel liner in aluminium.
HHKX22	2000	2000	150KG	15°/20°/30°	

HHKS 系列双支点滑撑

HHKS Double Supporting Points Friction Stay Series



- 1.选用最优良的304不锈钢制造。
 - 2.质量符合英国BS6375，香港房屋署标准。
 - 3.符合JG/T127-2017《建筑门窗五金件—滑撑》标准。
 - 4.可根据客户要求，订制开启角度。
 - 5.特殊的抗挠曲专利设计，专业考究的制造工艺。
 - 6.建设部门窗配套委员会推荐产品。
 - 7.因技术改进和产品通用性提高，不能及时更新，以下参数仅供参考，具体尺寸参数以实物为准。
 - 8.滑撑应优先保证与型材的联接强度，其联接力应大于承重级别。
 - 9.选择滑撑规格时，必须满足窗重和窗尺寸规格大小。
 - 10.10寸滑撑因行程原因无压码。
- 1.Material: excellent 304 stainless steel
 - 2.Comply with standards of Hong Kong Building Bureau and BS6375 of Britain.
 - 3.Comply with JG/T127-2017 standards.
 - 4.opening angel can be produced based on customers' requirement
 - 5.Special-designed flexing resistance patent, professional manufacturing technique.
 - 6.The product recommended by the window accessories committee of construction department.
 - 7.Untimely update because of technical and product commodity improvement; below parameters are just for reference (detail size parameters are subject to real object)
 - 8.Friction stay should be given priority to ensure the joint strength of the profile, the relay should be greater than the load level.
 - 9.We must meet the window weight and window size specifications while selection of sliding support.
 - 10.Cause stroke code, 10-inch sliding support without pressure due.



HHKS 系列双支点滑撑：HHKS10-HHKS16 安装尺寸
HHKS Double Supporting Points Friction Stay series:
The Installation dimension For HHKS10-HHKS16

规格 Specification	A	B	C	D	E	F	G	H	I	J	K
HHKS10	38.5	--	89.5	187.5	31.5	--	--	197	--	252	260
HHKS12	39.5	66	105.5	203	31.5	148	201	227	254	299	308
HHKS14	40	75.5	115.5	215.5	32.5	152.5	210.5	236.5	293.5	347.5	357
HHKS16	38	83.5	123.5	232.5	30.5	153.5	217.5	243.5	323.5	398	406.5

HHKS 系列双支点滑撑：HHKS10-HHKS16 铝窗规格
HHKS Double Supporting Points Friction Stay series:
The Specification of HHKS10-HHKS16 Aluminum Window

规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle
HHKS10	1500	500	28.5	45°/88°
HHKS12	1500	600	33.5	45°/88°
HHKS14	1500	650	38	45°/88°
HHKS16	1500	700	42	45°/88°

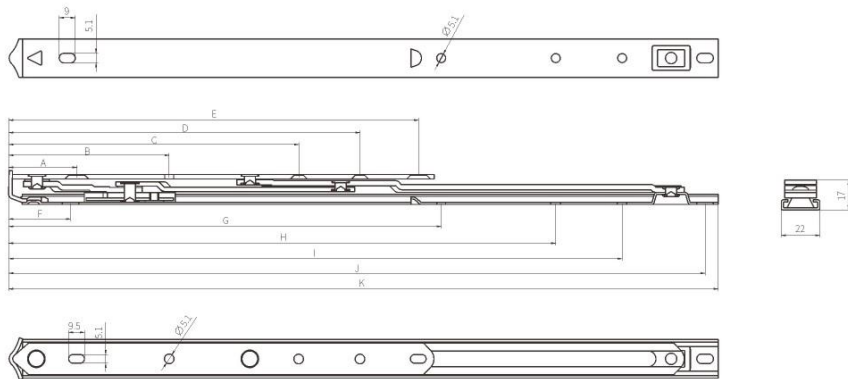
► HHKA 系列单支点滑撑

HHKA Single Surporting Points Friction Stay Series



- 1.选用最优良的304不锈钢制造。
- 2.质量符合英国BS6375, 香港房屋署标准。
- 3.符合JG/T127-2017《建筑门窗五金件—滑撑》标准。
- 4.可根据客户要求, 订制开启角度。
- 5.特殊的抗挠曲专利设计, 专业考究的制造工艺。
- 6.建设部门窗配套委员会推荐产品。
- 7.因技术改进和产品通用性提高, 不能及时更新, 以下参数仅供参考, 具体尺寸参数以实物为准。
- 8.滑撑应优先保证与型材的联接强度, 其联接力应大于承重级别。
- 9.选择滑撑规格时, 必须满足窗重和窗尺寸规格大小。

- 1.Material: excellent 304 stainless steel
- 2.Comply with standards of Hong Kong Building Bureau and BS6375 of Britain.
- 3.Comply with JGFF127-2017 standards.
- 4.opening angel can be produced based on customers' requirement
- 5.Special-designed flexing resistance patent, professional manufacturing technique.
- 6.The product is recommended by the window and door accessories committee of Construction Department.
- 7.Untimely update because of technical and product commodity improvement; blow parameters are just for reference (detail size parameters are subject to real object)
- 8.Friction stay should be given priority to ensure the joint strength of the profile, the relay should be greater than the load level.
- 9.We must meet the window weight and window size specifications while selection of sliding support.



HHKA 系列单支点滑撑: HHK10A-HHK16A 安装尺寸
HHKA Single Surporting Points Friction Stay Series:
The Installation Dimension For HHK10A-HHK16A

规格 Specification	A	B	C	D	E	F	G	H	I	J	K
HHK10A	40	67.5	117.5	--	179.5	31	205	--	218.5	261	268.5
HHK12A	40	90.5	135.5	--	198.5	33	243	--	263	305	313
HHK14A	40	101.5	144.5	--	218.5	34	251.5	--	296.5	346	353
HHK16A	40	105	155	188	234	34	248.5	312.5	350.5	398	406

HHKA 系列单支点滑撑: HHK10A-HHK16A 铝窗规格
HHKA Single Surporting Points Friction Stay Series:
The Specification Of HHK10A-HHK16A Aluminum Window

规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle
HHK10A	1500	550	30	80°±1°
HHK12A	1500	600	33	88°±1°
HHK14A	1500	650	34	88°±1°
HHK16A	1500	700	35	88°±1°

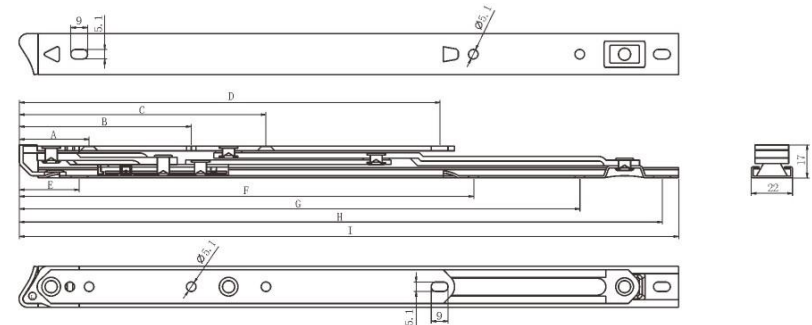
► HHKS*E系列双支点滑撑

HHKS*E Double Surporting Points Friction Stay Series



- 1.选用最优良的304不锈钢制造
- 2.质量符合英国BS6375, 香港房屋署标准
- 3.符合JG/T127-2017《建筑门窗五金件—滑撑》标准
- 4.可根据客户要求, 订制开启角度
- 5.特殊的抗挠曲专利设计, 专业考究的制造工艺
- 6.因技术改进和产品通用性提高, 不能及时更新, 以下参数仅供参考
- 7.参考, 具体尺寸参数以实物为准
- 8.滑撑应优先保证与型材的联接强度, 其联接力应大于承重级别
- 9.选择滑撑规格时, 必须满足窗重和窗尺寸规格大小
- 10.此系列滑撑分左、右, 铝塑窗可通用

- 1.Use excellent 304 stainless steel
- 2.Quality confirms with England BS6375, Hongkong Housing department standard
- 3.JG/T127-2017 Building Hardware for Window and Doors—Friction Hinge
- 4.According to customer requirements, opening angle can be custom-made.
- 5.Special flexing patent design, professional exquisite workmanship
- 6.Due to technical and product versatility improvements, data cannot be updated in time. The following parameters are only for reference, specific size parameters are determined by products.
- 7.Friction hinge should be ensure connection strength with profile. The strength should be greater than bearing level.
- 8.The specification of friction stay must suitable for the weight and size of window.
- 9.This friction hinge series have left and right version, and aluminum plastic window can be commonly used.



HHKS*E 款滑撑技术参数表
HHKS*E Technical Data Sheet

规格 Specification	A	B	C	D	E	F	G	H	I
HHKS12E	41	78	117.5	210.5	32	223	263	307	316
HHKS14E	41	93	133	226	32	243	300	344	353
HHKS16E	41	117.5	157.5	250.5	32	276	361	405	414

规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle
HHKS12E	1500	600	30	85°±1°
HHKS14E	1500	650	33	85°±1°
HHKS16E	1500	700	35	85°±1°

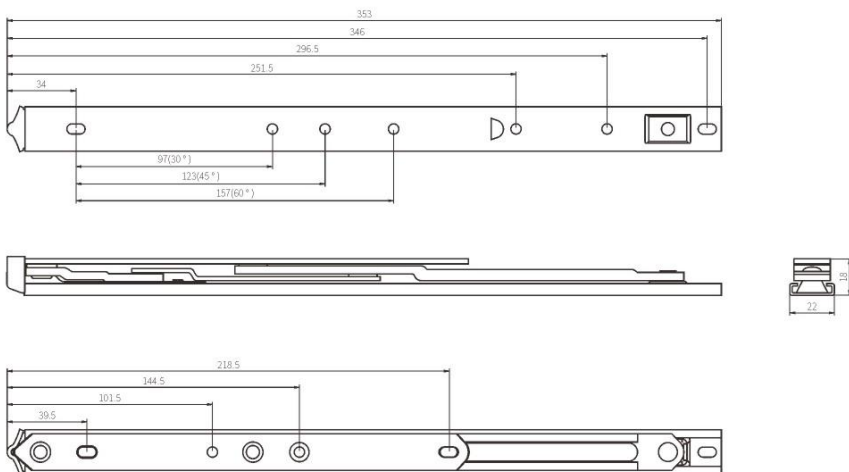
► HHT14



- 1.选用最优良的304不锈钢制造。
- 2.符合JG/T127-2007《建筑门窗五金件---滑撑》标准。
- 3.可根据客户要求，订制开启角度。
- 4.特殊的抗挠曲专利设计，专业考究的制造工艺。
- 5.因技术改进和产品通用性提高，不能及时更新，以下参数数据仅供参考，具体尺寸参数以实物为准。
- 6.滑撑应优先保证与型材的联接强度，其联接力应大于承重级别。

- 1.Material: excellent 304 stainless steel.
- 2.Comply with JG/T 127-2007 standards.
- 3.According to customer's requirement designing for restricting opening angle.
- 4.Special transverse patents design and professional and observed manufacturing process.
- 5.Because technological improvement and products generality has improved, we can not update, so these data for reference only, the sizes parameters according to physical.
- 6.Friction stay should ensure the connection strength of the profile first, its connection strength should more than bearing level.

规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle
HHT14	1500	650	50	88 ° ±



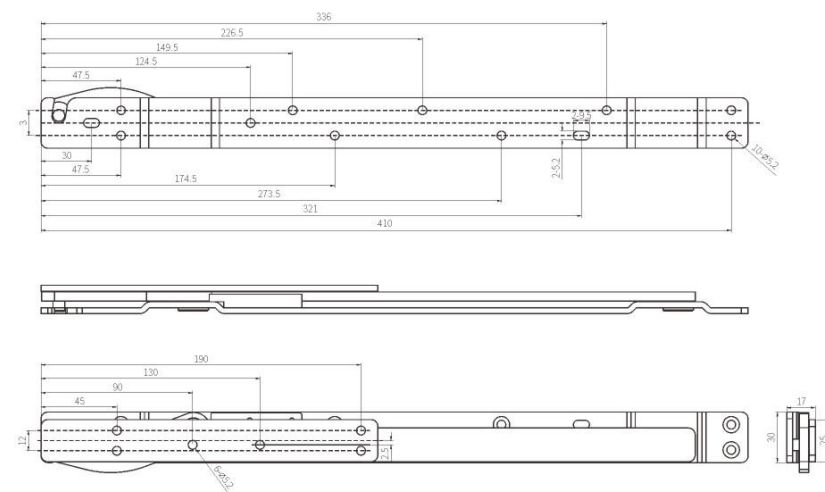
► HH17



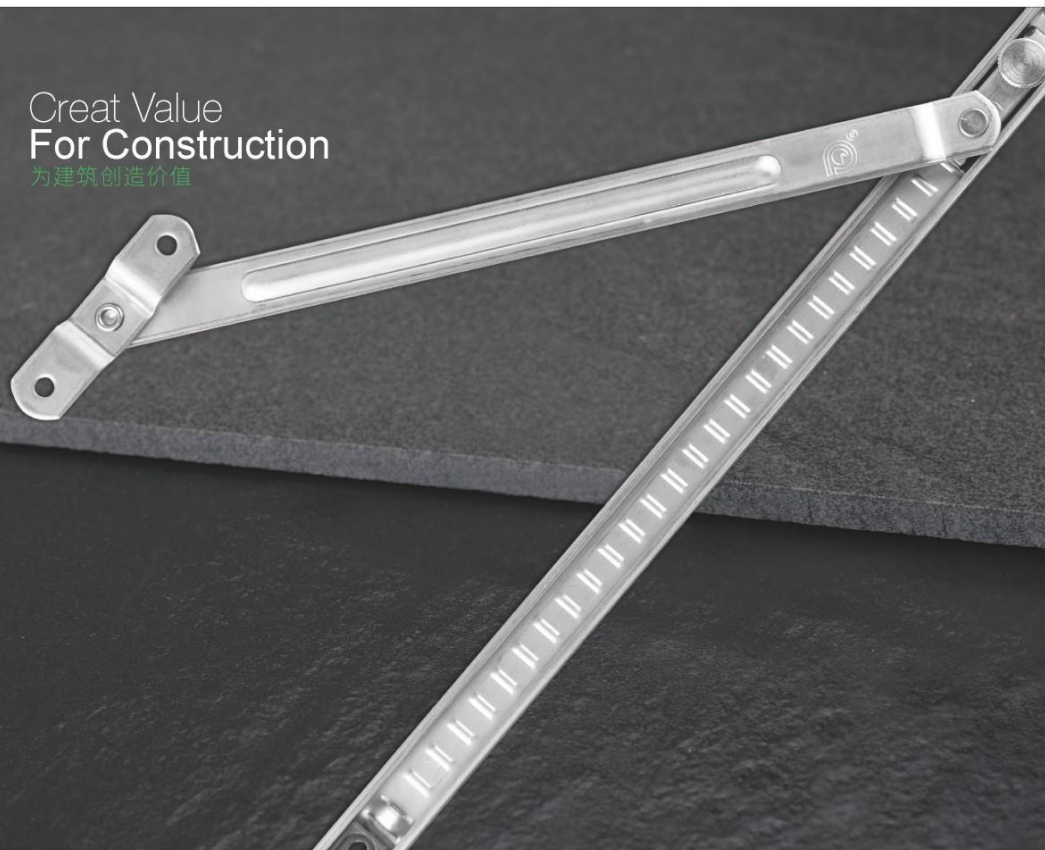
- 1.主要承载部件选用最优良的304不锈钢制造,表面采用拉丝工艺处理。
- 2.因技术改进和产品通用性提高,不能及时更新,以下参数数据仅供参考,具体尺寸参数以实物为准。
- 3.铰链应优先保证与型材的联接强度,其联接力应大于承重级别。
- 4.铰链分左右。

- 1.The main bearing accessories use the excellent 304 stainless steel, surface treatment uses Wire drawing process.
- 2.Because technological improvement and products generality has improved, we can not update, so these data for reference only, the sizes parameters according to physical.
- 3.Friction stay should ensure the connection strength of the profile first, its connection strength should more than bearing level.
- 4.Left and right version

规格 Specification	窗最高 (mm) Height upper limited	窗最宽 (mm) Width upper limited	窗最重 (kg) Maximum load	最大开启角度 Maximum opening angle
HH17	1500	700	100	80 ° ±



Crear Value
For Construction
为建筑创造价值



Limiter Stay Series 撑挡系列

定义：能使开启的窗扇固定在一个预设位置的装置。

主要性能指标：

- 1、执行标准：JG/T 128-2017
- 2、内开撑挡反复启闭10000次，摩擦力失效值不小于40N，上悬撑挡反复启闭5000次后，撑挡摩擦力不应小于40N。
- 3、锁定式撑挡的锁定力失效值不应小于200N，摩擦式撑挡的摩擦力失效不应小于40N。

使用范围：内平开窗，上悬窗。

Definition:

The device that makes the window sash fix on the pre-install position.

Performance index:

1. Operating standard: JG/T 128-2017
2. After repeatedly opened and closed 10000 times, the failure value of inward opening window limiter stay $\geq 40\text{N}$. After repeatedly opened and closed 5000 times, the failure value of top-hung window limiter stay $\geq 40\text{N}$.
3. Locking type limiter stay locking force invalid value $\geq 200\text{N}$. Friction type limiter stay friction invalid value $\geq 40\text{N}$.

Scope of application:

Casement window, top-hung window.

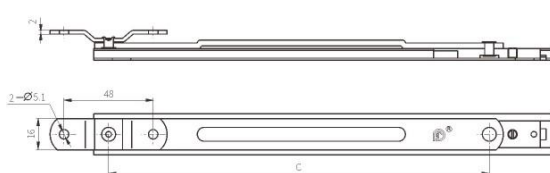
撑挡系列 Limiter Stay Series

22 方槽支撑 22 Square Groove Limiter Stay



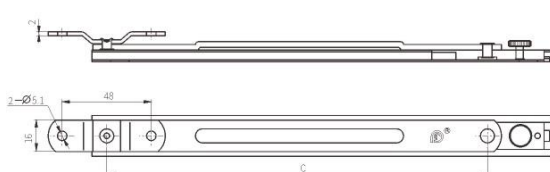
1. 选用最优良的不锈钢制造。
 2. 符合JG/T 128-2017《建筑门窗五金件—撑挡》标准。
 3. 限位支撑是专门设计用来限制窗户的开启角度。
 4. 限位支撑可用于平开窗、顶悬窗上。
- 其作用可：①防止大风损坏窗户。
②防止儿童从窗隙处坠下。

1. Material: excellent stainless steel
2. Comply with JG/T 127-2017 standards.
3. The limiter stay is especially designed for restricting opening angle.
4. The limiter stay is used on casement window and top hug window to protect the window against strong wind and prevent children from falling down.



22 方槽支撑
22 Square Groove Limiter Stay

序号 No.	产品编号 Code	A	B	C
1	DK8	205	170	130
2	DK10	254	222	205
3	DK12	305	273	247.4
4	DK14	342	313	303



22 方槽定位支撑
22 Square Groove Limiter Stay

序号 No.	产品编号 Code	A	B	C
1	DK8A	205	170	130
2	DK10A	254	222	205
3	DK12A	305	273	247.4
4	DK14A	342	313	303

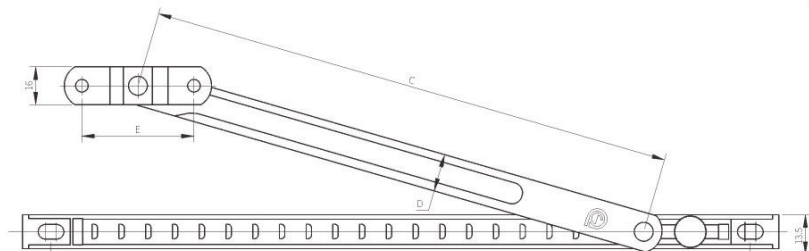
撑挡系列 Limiter Stay Series

13.5 方槽限位撑 13.5 Limiter Stay



1. 选用最优良的不锈钢制造。
2. 符合 JG/T128-2017《建筑门窗五金件 - 撑挡》标准。
3. 限位撑可用于平开窗、上悬窗。
4. 其作用：1) 限制窗扇开启角度。
2) 窗扇在开启状态时，防止大风吹动窗扇关闭碰撞窗框，损坏窗户。
3) 防止儿童从窗隙间坠下。

1. Choose the best stainless steel manufacturing.
2. In JG/T128-2017 standard for building doors and Windows hardware - stays.
3. Spacing can be used to open the window, hanging on the window.
4. The role: 1) limit the casement opening Angle.
2) casement in open state, prevent wind blows casement close collision window frame, damage to the window.
3) to prevent children from falling between window gap.

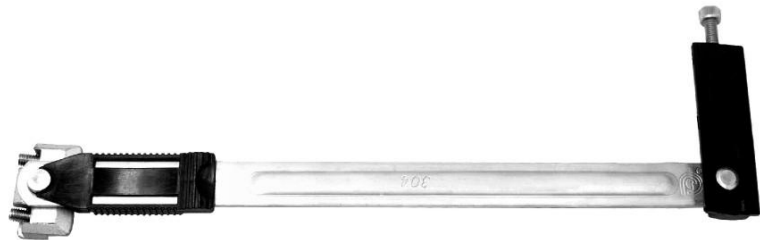


PDE B/PDE Ba 系列限位撑
The PDE B/PDE Ba series limit

规格型号 Specification	单位: mm	A	B	C	D	E	F
PDE10B		255	237	166	15	45	2
PDE12B		300	277	206	15	45	2
PDE14B		347	317	246	15	45	2
PDE10Ba		255	237	166	15	45	2.5
PDE12Ba		300	277	206	15	45	2.5
PDE14Ba		347	317	246	15	45	2.5

撑挡系列 Limiter Stay Series

欧槽限位撑 European Standard Limiter Stay

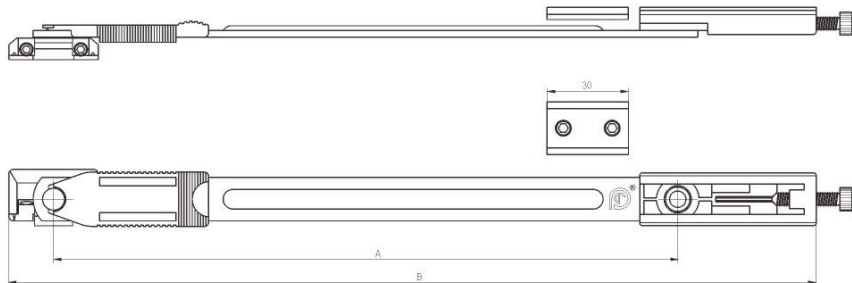


欧槽限位撑
European Standard Limiter Stay

序号 No.	产品编号 Code	A	B	窗宽度 Window Width
1	DO6	108	175.5	不少于250mm
2	DO8	180	247	不少于300mm
3	DO10	230	305	不少于360mm
4	DO12	279	355	不少于410mm
5	DO14	328	405	不少于460mm

- 1.欧槽限位撑是专门设计用来限制窗户的开启角度。
- 2.欧槽限位撑可用于内开内倒窗、内平开窗上,其作用可防止大风损坏窗户。
- 3.把锁钉扣拉后便可分离,以便清洗或维修窗户。
- 4.选用最优良的不锈钢制造。
- 5.符合JG/T 128-2017《建筑门窗五金件—撑挡》标准。

- 1.The European standard limiter stay is especially designed for restricting the opening angle.
- 2.The European standard limiter stay apply to tilt-turn and inward opening window to protect the window against strong wind.
- 3.Easy Separation just by pulling the screw buckle back makes it convenient to wash and repair.
- 4.Material: excellent stainless steel
- 5.Comply with JGFF128-2017 standards.

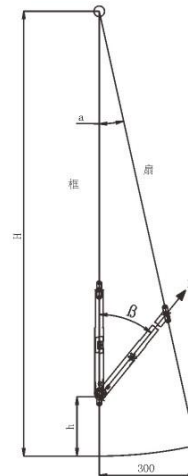


撑挡系列 Limiter Stay Series

伸缩撑安装使用说明: Flat Telescopic

- 1.伸缩撑安装位置不同,开启距离不同。安装位置越靠下,开启距离越小,按门窗规范,悬窗窗扇底部开启距离应控制在300mm以内。
- 2.伸缩撑安装时,应保证两均匀对称安装,误差不能大于1mm。
- 3.伸缩撑安装方向与图示一致,两边伸缩撑缺口位置必须向下。
- 4.伸缩撑关闭时,应先向外推再往回关闭,不能直接往回拉关闭。

- 1.The opening distance of limiter stay is relevant to installation position.The lower the installation position,the smaller the opening distance. According to window and door criterion,the opening distance of top-hung window shall be not more than 300mm.
- 2.Symmetrical installation of each pair of limiter stays is required and tolerance within 1mm.
- 3.Installation direction shall be consistent with graph showed,the bottom of limiter stay should be installed downward.
- 4.When closing it,pull directly back are not allowed,you should push out first and then pull back to close.

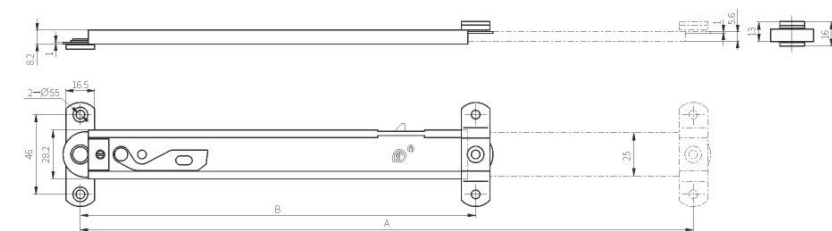


方形定位伸缩撑 Square Telescopic Limiter Stay



方形定位伸缩撑 Square Telescopic Limiter Stay

序号 No.	产品编号 Code	A	B
1	DSF6	207	155
2	DSF8	309	205
3	DSF10	411	255
4	DSF12	510	305
5	DSF14	610	355

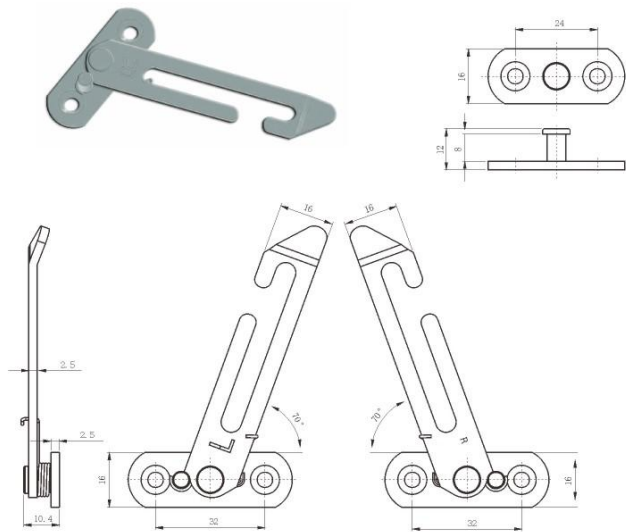


- 1.伸缩支撑适用于挂钩式上悬窗,用于限制窗户开启的角度。
- 2.伸缩支撑可使窗户自动锁定在设定的打开位置,以使通风、窗户维修和防止强风使窗户突然关闭。
- 3.要松脱伸缩支撑的锁定状态,只需将窗户轻轻往上提升一下,然后关闭。
- 4.选用最优良的不锈钢制造。
- 5.符合JG/T 128-2007《建筑门窗五金件—撑挡》标准。

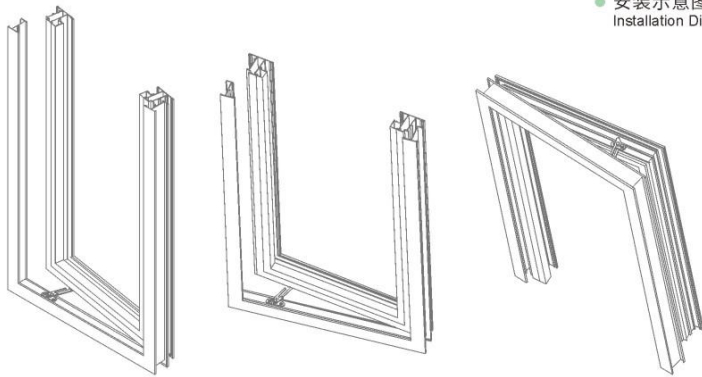
- 1.The telescopic limiter stays apply to top hung window to restrict the opening angle.
- 2.The telescopic limiter stay make the sash automatically lock at the designed position which contribute to ventilation, maintenance and protect the sash against strong wind.
- 3.Loose the telescopic limiter lockable status by softly elevating the sash then close it.
- 4.Material: excellent stainless steel
- 5.Comply with JGFF128-2007 standards.

撑挡系列 Limiter Stay Series

FZ024 限位器 FZ024 Restrictor



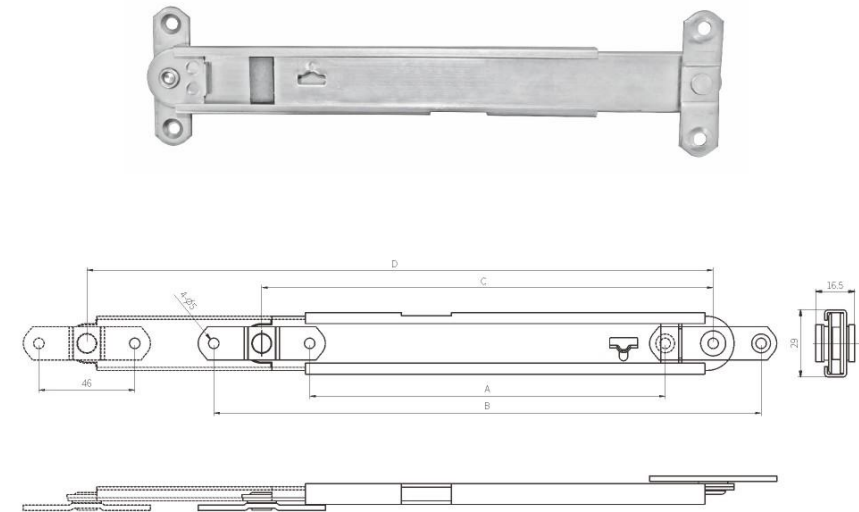
● 安装示意图
Installation Diagram



- 产品分左右安装, 选用安全扣可以增加外开窗安全系数, 特别是公共场所与老人、儿童的房间。
- Used for public place and room for old men and children.

伸缩撑系列 The Telescopic Limiter Stay

DSFB 伸缩撑 DSFB Limiter stay



DSFB 伸缩撑
DSFB Limiter stay

序号 No.	产品编号 Code	A	B	C	D
1	DSFB8	159	251	205	261
2	DSFB10	209	301	255	360
3	DSFB12	260	352	306	462

- 1.伸缩撑分左右安装, 适用于挂钩式上悬窗, 用于限制窗户开启的角度。
- 2.伸缩撑可使窗户自动锁定在设定的打开位置, 以便通风、窗户维修和防止强风使窗户突然关闭。
- 3.伸缩撑每对可承重100kg, 选用最优良的不锈钢制造。
- 4.符合JG/T 128-2017《建筑门窗五金件-撑挡》标准。
- 5.要松脱伸缩撑的锁定状态, 只需将窗户轻轻往上提升, 然后关闭。

- 1.The telescopic limiter stay apply to top hung window to restrict the opening angle, with left and right version.
- 2.The telescopic limiter stay make the sash automatically lock at the designed position which contribute to ventilation, maintenance and protect the sash againsy strong wind.
- 3.Reinforces stretched friction stay maximum loads is 100KG with the best stainless steel material.
- 4.Under JG/T 128-2017 standards.
- 5.Unlock the limiter stay by softly lift up the sash then close it.



Crear Value
For Construction
为建筑创造价值

Hinge Series 合页(铰链)

定义：用于连接窗框和窗扇、支承窗扇，实现启闭的装置。

主要性能指标：

1、执行标准：JG/T 125-2017

1、门合页反复启闭100000次，窗合页反复启闭25000次，门窗扇自由端垂直方向的变化值不大于2mm，试件无严重变形与损坏。

2、合页（铰链）转动力不应大于40N。

使用范围：家用平开门，内开窗。

Definition:

The device that is applied for connection of window frame and sash, supporting sash and realizing opening and closing function.

Performance index:

1. Operating standard: JG/T 125-2017

1. Door hinge repeated opening and closing 100000 times. Window hinge repeated opening and closing 25000 times. The vertical change is no more than 2mm. The sample is without severe deformation and damage.

2. The rotary force of the hinge should not over 40N.

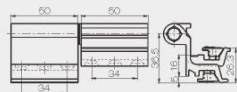
Scope of application:

Domestic casement window and door.



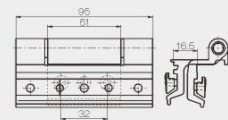
JX14

- 适用于 23 槽平开窗。
- 合页最大承重: 50kg/对。
具体承重能力与合页安装和型材有关。
- Apply to standard (23mm groove) casement window.
- Maximum load: 50kg/pair
- The load of hinge is relevant to hinge installation and profile.



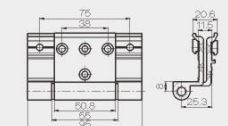
JX21

- 适用于 23 槽平开窗。
- 合页最大承重: 60kg/对。
具体承重能力与合页安装和型材有关。
- Apply to standard (23mm groove) casement window.
- Maximum load: 60kg/pair
- The load of hinge is relevant to hinge installation and profile.



JX17

- 适用于欧式 20 槽平开门窗。
- 合页最大承重: 60kg/ 对。
具体承重能力与合页安装和型材有关。
- Apply to standard (20mm groove) casement window & door.
- Maximum load: 60kg/pair
- The load of hinge is relevant to hinge installation and profile.

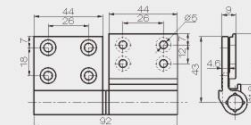


▶ 铰链 (合页) 系列
Hinge Series



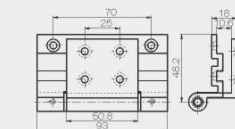
JX22C

- 适用于普通 70 平开门窗。
- 合页最大承重: 30kg/对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door (70)
- Maximum load: 30kg/pair
- The load of hinge is relevant to hinge installation and profile



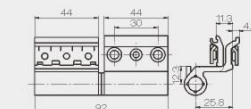
JX24

- 适用于普通老 50 平开门窗。
- 合页最大承重: 60kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary old casement window & door (50).
- Maximum load: 60kg/pair
- The load of hinge is relevant to hinge installation and profile.



JX42

- 适用于标准欧式 20 槽平开窗。
- 合页最大承重: 60Kg/ 对。
- 具体承重能力与合页安装、型材有关。
- 该合页为偏心可调合页。
- Apply to European standard (20mm groove) casement window
- Maximum load 60kg/pair.
- The load of hinge is relevant to hinge installation and profile.
- This hinge is eccentric adjustable.



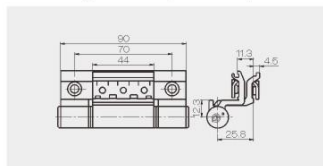
► 铰链 (合页) 系列

Hinge Series



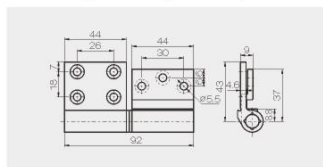
JX43

- 适用于标准欧式 20 槽平开门窗。
- 合页最大承重 70kg/ 组。
- 具体承重能力与合页安装和型材有关。
- Apply to European standard (20mm groove) casement window & door.
- Maximum load: 70kg/pair
- The load of hinges is relevant to hinge installation and profile.



JX22D

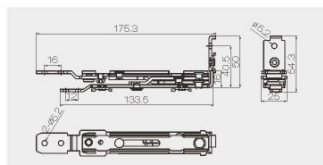
- 适用于普通 70 平开门窗。
- 合页最大承重: 30kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door (70)
- Maximum load: 30kg/pair
- The load of hinges is relevant to hinge installation and profile.



FYC02耐火隐形合页

- 选用最优良的 304 不锈钢制造;
- 符合 JG/T 125-2017 《建筑门窗五金件合页 (铰链)》标准;
- 耐火等级达到国标 GB 50016-2014 《建筑设计防火规范》中耐火 1 小时的标准;
- 承重 60kg/ 对, 若增加承重, 需另增加顶杆部件 FYC02-03;
- 采用多钮扣式定位, 安装便捷, 牢固可靠;
- 可通过调节偏心钉对窗扇进行横向调整 ± 1.5mm 的距离;
- 产品开启角度不大于 88°;
- 产品安装不分左右, 适用于欧标 20 槽铝合金内平开窗。

- Material: excellent 304 stainless steel
- Comply with JG/T 125-2017 standards
- Fire resistance rating can achieve national GB 50016-2015 fire resistance for 1 hour standards.
- The load is 60kg/pair, if you want to increase, you should increase top accessories FYC02-03
- Using multi-button positioning, convenient installation and reliable
- By adjusting the eccentricity nail, the window fan can be adjusted by a distance of plus or minus 1.5mm
- The opening degree of products are not more than 88°
- The installation of products no classification of left and right, it is suitable for European standard 20mm groove aluminum inward casement window



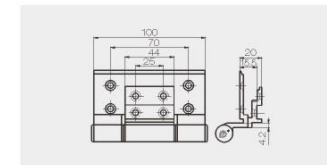
► 铰链 (合页) 系列

Hinge Series



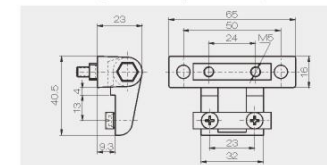
JX45

- 适用于普通 50 平开门窗。
- 合页最大承重: 60kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door (50)
- Maximum load: 60kg/pair
- The load of hinges is relevant to hinge installation and profile.



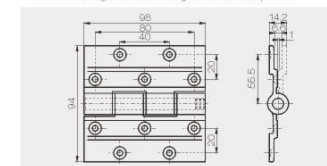
JB08A

- 适用于普通无槽平开门窗
- 合页最大承重: 40kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door without groove.
- Maximum load: 40kg/pair
- The load of hinges is relevant to hinge installation and profile.



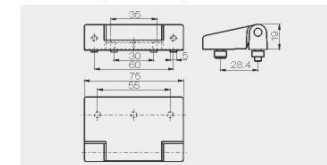
JB17

- 适用于普通无槽平开门窗
- 合页最大承重: 60kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door without groove.
- Maximum load: 60kg/pair
- The load of hinges is relevant to hinge installation and profile.



JB20

- 适用于普通无槽平开门窗
- 合页最大承重: 60kg/ 对。
- 具体承重能力与合页安装和型材有关。
- Apply to ordinary casement window & door without groove.
- Maximum load: 60kg/pair
- The load of hinges is relevant to hinge installation and profile.



Creat Value
For Construction
为建筑创造价值



Camlock Handle 旋压执手

定义：通过转动手柄，实现窗启闭、锁定功能的装置。

主要性能指标：

执行标准：JG/T 123-2017

使用范围：对角线不超过700mm的平开窗与上悬窗。

Definition:

The device that realizes opening and closing and lock function. Through switching handle.

Performance index:

Operating standard: JG/T 123-2017

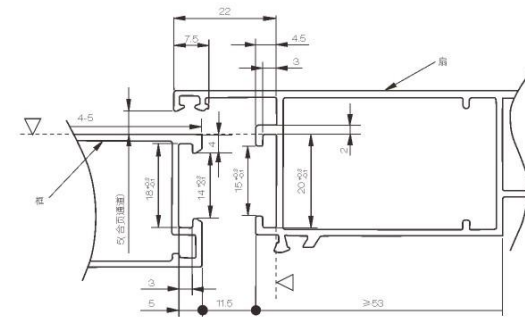
Scope of application:

The diagonal of casement window and top-hung window $\leq 700\text{mm}$.

Great Value
For Construction
为建筑创造价值



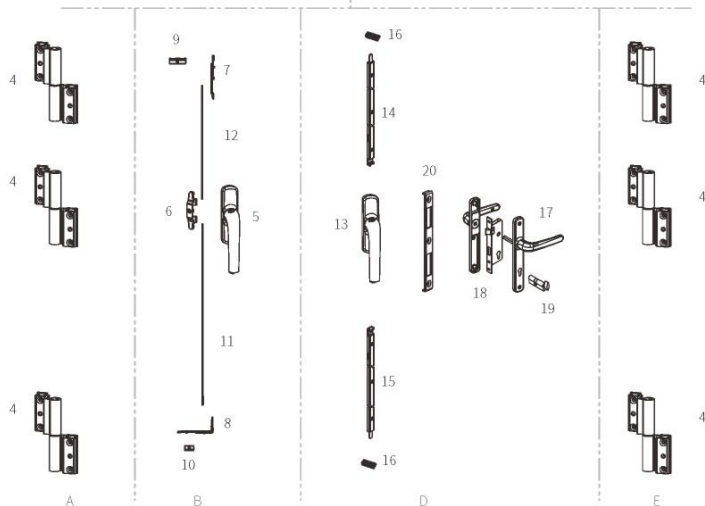
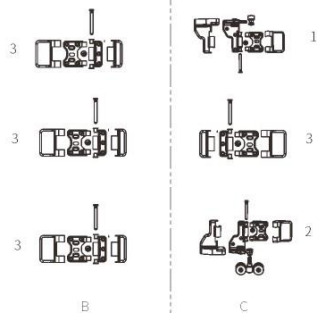
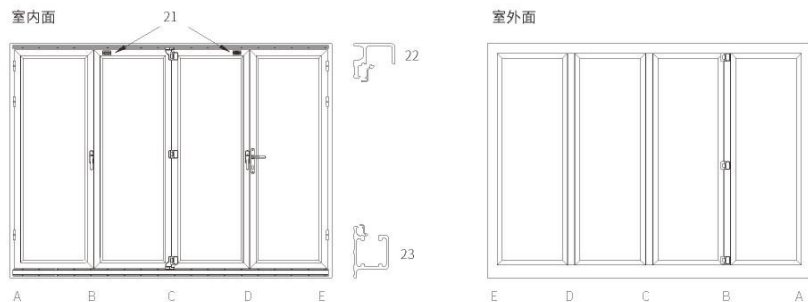
Aluminium Door Hardware System 铝合金门五金系统



门窗框欧标型材图
window and door profile
drawing in European standard

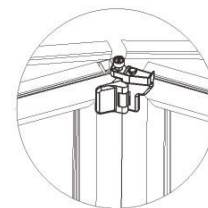
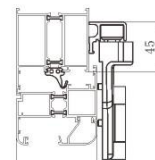
ZDM01折叠推拉门

ZDM01 Folding Slide Door Fittings

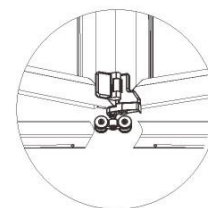


ZDM01折叠推拉门

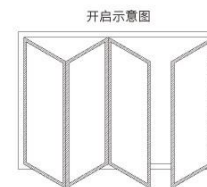
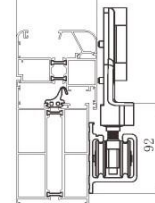
ZDM01 Folding Slide Door Fittings



上合页系统
Upper pivot hinge system



下合页系统
Bottom pivot hinge system

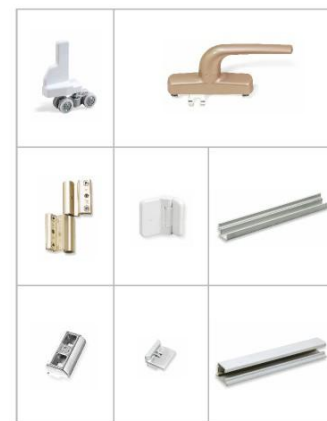


开启示意图

折叠推拉门 431 型组件

Folding Slide Door Fitting

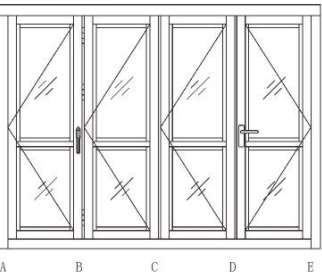
序号 No.	产品编号 Code	产品名称 Description	数量 Qty	备注 Remark
1		上滑轮 (左) Upper Roller	ZDM01-02	1
2		下滑轮 (左) Bottom Roller	ZDM01-03	1
3		合页 Hinge	ZDM01-01	4
4		可卸合页 Hinge	JX67	6
5		拨叉执手 Handle	CZH26	1
6		转换器 Transmission device	CQ10	1
7		内倒锁件 Overturn Lock Parts	A.CQ01	1
8		转角器 Corner Device	A.CQ01	1
9		支撑块 Supporting Block	A.CZ01-04	1
10		欧槽锁座 Striker	A.CZ01-03	1
11		拉杆 B Transmission bar	LB(自备)	1
12		拉杆 A Transmission bar	LA(自备)	1
13		拨叉执手 Handle	CZH26-00/T9	1
14		插销 Flush Bolt	MX14	1
15		插销 Flush Bolt	MX12	1
16		插销座 Flush bolt lock keeper	CKC03	2
17		双面执手 Double side door handle	CZM20A	1
18		85D 锁体 Lock Body		1 根据型材而定 Depending on the profile
19		锁芯 Cylinder		1 根据型材而定 Depending on the profile
20		锁扣板 Lock Plate	CZMK35	1
21		防撞夹 Anti-collision Clip	ZDM01-15	1
22		上轨道 Upper Rail	ZDM01-13	1 根据门扇固定长度 the length depend on the width of door
23		下轨道 Bottom Rail	ZDM01-14	1 根据门扇固定长度 the length depend on the width of door



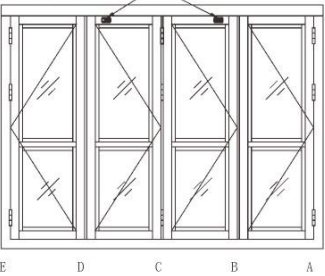
- 开启面大, 视野开阔, 无限美景尽收眼底。
- 操作自如, 开闭简便, 舒适生活尽在滑动间。
- 密封性好, 防尘防噪, 远离凡尘另辟世外桃源。
- 最多七折配置, 可根据客户需要灵活组合。
- 单扇最大承重 80kg。
- Big opening plane can provide more space and broaden your eyesight.
- Convenient operation and easy open-close make your life more comfortable.
- Good performance of airproof, anti-dust and soundproof makes you faraway from the crowded.
- The number of sash is flexible based on your requirements, but not more than 7.
- Maximum load capacity is 80kg for single sash.

► ZDM03折叠推拉门外开431型 ZDM03 Outward Folding Sliding Door -431

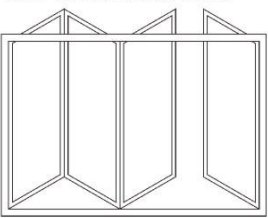
室内面
The right side



室外面
The back side



门扇开启示意图
window and door opening picture

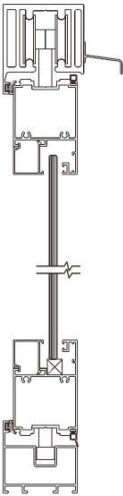


● 配件明细 Configuration

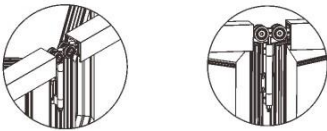
序号 No.	产品名称 Description	产品编号 Code	数量 QTY
1	上轮组 Upper roller	ZDM03-01	1
2	下轮组 Bottom roller	ZDM03-02	1
3	中合页 Middle hinge	ZDM02-03	9
4	拉手合页 handle hinge	ZDM02-04	1
5	方轴执手 Square shaft handle	CZ57	1
6	锁盒 Locking box	CH25A	1
7	插销 Flush Bolt	MX13	2
8	插销 Flush Bolt	MX14	2
9	双面门执手 Double door handle	CZM19A	1
10	锁体 Lock body	3085D	1
11	单开锁芯 Single opening cylinder	37/37TB	1
12	锁扣板 Locking plate	CZMK37	1
13	防撞夹 Anti-collision clip	ZDM01-15	1

注：所选配件可根据不同门型自由搭配。
Attention: The optional accessories can be free collocation according to the different door.

► ZDM03折叠推拉门外开431型 ZDM03 Outward Folding Sliding Door -431



上合页系统
Upper pivot hinge system



下合页系统
Bottom pivot hinge system



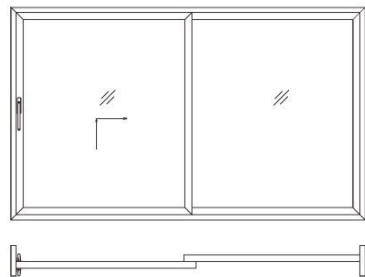
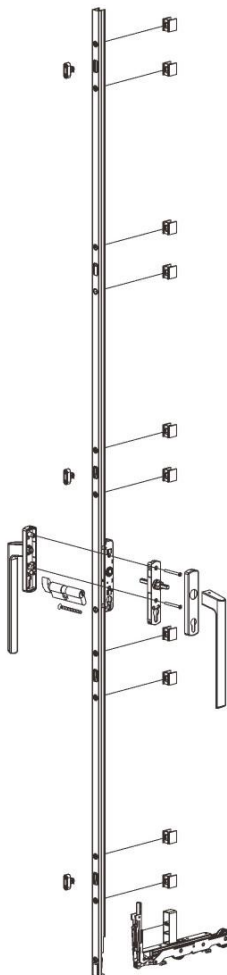
室外

室外



- 适用于阳台、商场、室内隔断门，开启面积大。
- 隐藏式吊轨承重，开启时灵活轻便，便于清洁维护。
- 单扇门宽最大800mm，高最大2400mm，最大承重单扇80kg。
- 系统有330、431、550、651、633等多种配置。
- 插销长度需根据门扇高度、使用要求订制。
- Applicable to the balcony, shopping malls, large open areas.
- Hidden crane rail bearing, flexible and light, easy to clean and maintain.
- The single door maximum width 800mm, maximum height 2400mm, maximum bearing single fan is 80kg.
- The system has 330, 431, 550, 651, 633 and many configurations.
- The Flush Bolt's length should depend on the door height and using to custom.

► TSM02提升推拉门 Lift-slide Door Fittings



五金系统配置表
Hardware system configuration

序号 No.	产品编号 Code	产品名称 Description	数量 QTY
1	CZ52A	方轴执手 Shaft Handle	1
2	TSM02-01	传动器部件 Transmission parts	1
3	TSM02-02	前滑轮部件 left roller parts	1
4	TSM02-03	后滑轮部件 right roller parts	1
5	TSM02-05-003	前滑轮垫 left roller mat	1
6	T396+T397	防撞块 Anti-hitting block	1
7	35/45TB	磁芯 cylinder	1
		胶条 rubber seal	

► TSM02提升推拉门 Lift-slide Door Fittings

● TSM02 提升推拉门技术特点:

1、占地空间小,门扇开启扇大

- 与普通推拉门特点一致,在开启时占据的空间小。
- 开启扇的几何尺寸大。

2、应用广泛

- 适用于阳台门、阳光房门、隔断门等。

3、运动灵活

- 开启力小,开启后推拉轻松。

4、防盗性好

- 采用防盗定位块和传动器的配合。

5、开启扇重量大

- 开启扇重量由承重轮的承重量和数量决定。
- 最大承重单扇 350kg。

6、密封性高

- 采用胶条密封,比推拉门传统意义上的毛条密封性高。
- 在两扇重叠的部位采用密封解决风桥问题。

● Technical features of lift-slide door

1.Small occupied space but large opening space.

- The character of lift-slide door is same with ordinary sliding door that both occupy small space when opening.
- Large geometric size of opening sash.

2.Widely-used series.

- Suitable for balcony, sunshine-room, and partition door etc.

3.Flexible operation

- Easily opening and then slide smoothly.

4.Excellent anti-theft function.

- Adopt both Anti-theft positioning block and transmitter.

5.Heavy opening sash

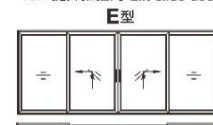
- The weight of opening sash depends sash depends on the load capacity and number of bearing rollers.
- The maximum bearing of single fan is 200KG.

6.High sealant function

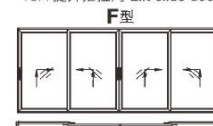
- Adopt sealing rubber strip, higher seal than traditional weather strip;
- Sealing is used on the overlapping parts of two sashes to solve air bridge issue.

► 配置方案 Configuration Scheme

TSM 提升推拉门 Lift-slide door



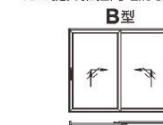
TSM 提升推拉门 Lift-slide door



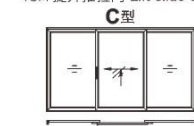
TSM 提升推拉门 Lift-slide door



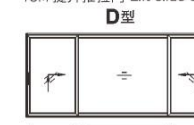
TSM 提升推拉门 Lift-slide door



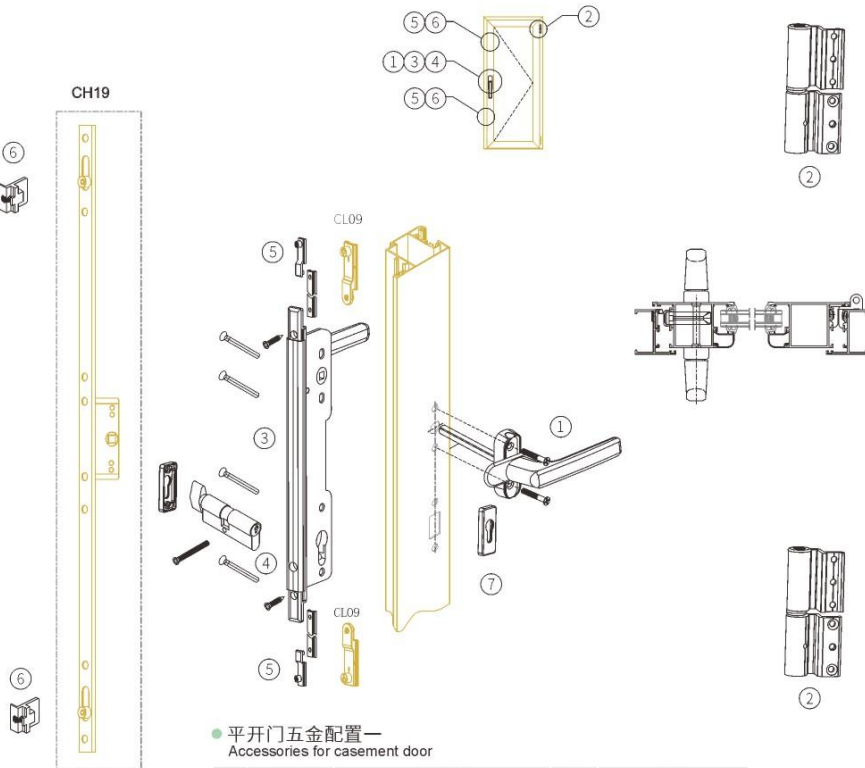
TSM 提升推拉门 Lift-slide door



TSM 提升推拉门 Lift-slide door



► 欧标20槽平开门锁五金配件 Casement Door Lock Accessories



● 平开门五金配置一
Accessories for casement door

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZ26C	方轴执手 Handle	1	
2	JX67	可卸合页 Hinge	3	根据型材选配 Based on the profile
3	CH51	锁盒 Lock Body	1	
4	28/42TB	锁芯 Cylinder	1	
5	CL06	连接块 Connecting Block	2	可选
6	CKG05	直角锁座 Striker	2	
7	SMB1	SMB1前后面板 Cylinder	2	
8		掩胶 Opening Rubber		材质 (Material): EPDM

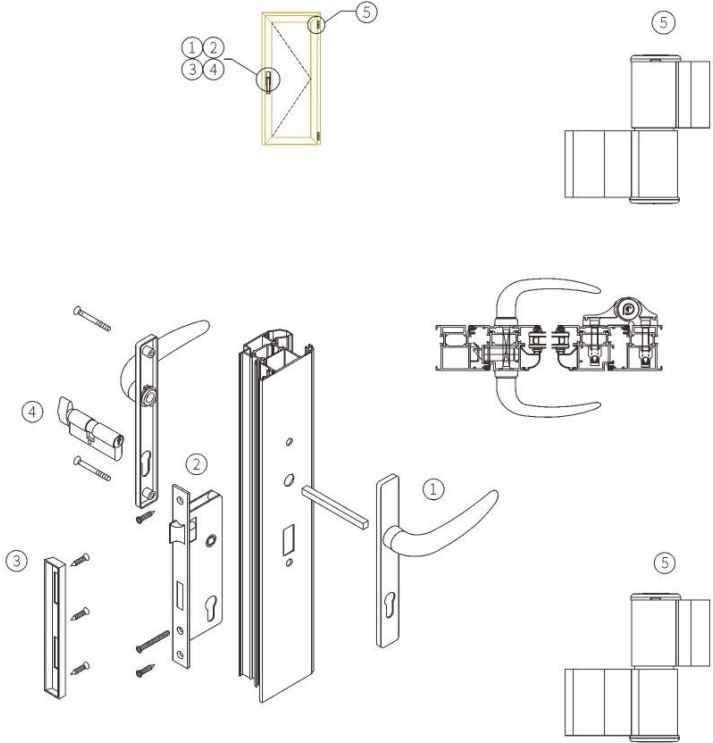
配置补充说明:

- 1、本配置可适用于带槽或不带槽的平开门中, 配件均为可选择性配件, 可根据型材实配。
- 2、本配置执手有多种不同款式可供客户选择, 详见后面执手系列。
- 3、选用不同的合页承重不一样, 具体技术参数见后面合页系列。

Technical information

1. These accessories apply to different casement door casement door and is optional.
2. Various types of handles are available as per request, more detail please see the following handle series.
3. Options for different hinges provide different load bearing. Specific parameters: please see the following hinge series.

► 欧标20槽平开门锁五金配件 Casement Door Lock Accessories



● 平开门五金配置二
Accessories for casement door

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZM04	双面执手 Bidirectional Handle	1	
2	3085D	锁体 3085A Lock body	1	可选CZM07A CZM19A CZM09
3	CZMK01	锁扣板 Buckle board	1	
4	45/30TB	锁芯 Cylinder	1	
5	JX112	可卸合页 Hinge	2	
6		掩胶 Opening Rubber		材质 (Material): EPDM

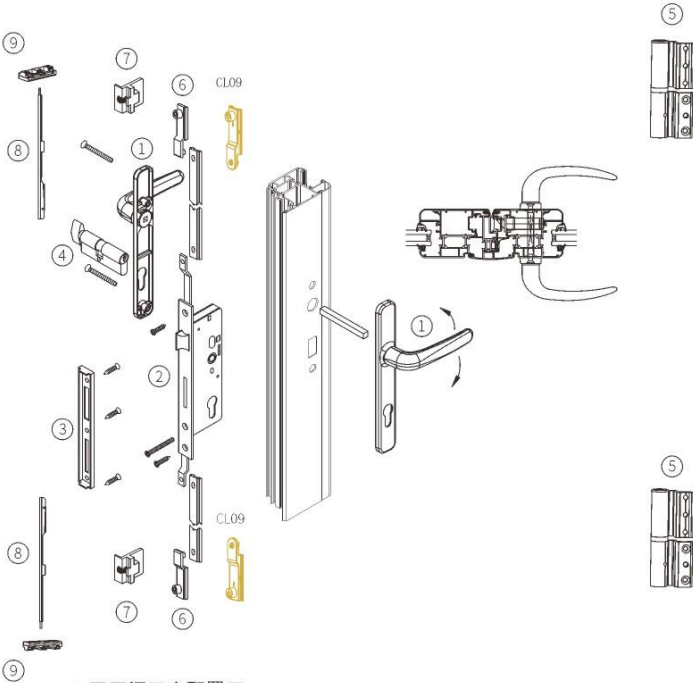
配置补充说明:

- 1、本配置可适用于带槽或不带槽的平开门中, 配件均为可选择性配件, 可根据型材实配。
- 2、本配置执手有多种不同款式可供客户选择, 详见后面执手系列。
- 3、选用不同的合页承重不一样, 具体技术参数见后面合页系列。

Technical information

1. These accessories apply to different casement door casement door and is optional.
2. Various types of handles are available as per request, more detail please see the following handle series.
3. Options for different hinges provide different load bearing. Specific parameters: please see the following hinge series.

► 欧标20槽平开门锁五金配件 Casement Door Lock Accessories



● 平开门五金配置三 Accessories for casement door

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZM20A	双面执手 Bidirectional Handle	1	可选CZM19A, CZM21, CZM23, CZM24, CZM25
2	3085C	锁体 Lock Body	1	
3	CZMK35	锁扣板 Buckle board	1	
4	28/42TB	锁芯 Cylinder	1	
5	JX67A	可卸合页 Hinge	2	选配
6	CL06	连接块 Connecting Block	2	可选
7	CKG05	直角锁座 Striker	2	
8	MX05	插销 Flush Bolt	2	
9	CKC03	插销锁座 Striker	2	材质 (Material): EPDM
10		胶条 Rubber Seal		

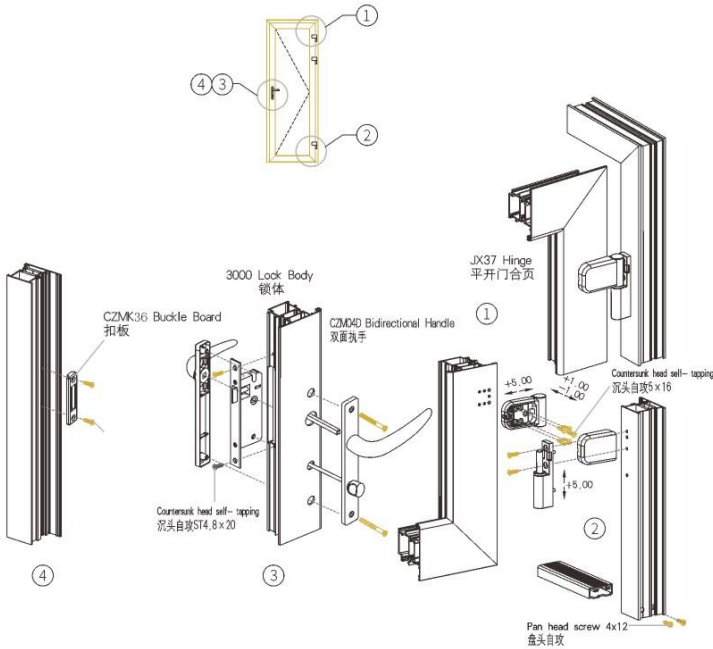
配置补充说明:

- 1、本配置适用于带标准欧式20槽的平开门中, 配件均为可选择性配件, 可根据型材实配。
- 2、本配置执手有多种不同款式可供客户选择, 详见后面执手系列。
- 3、选用不同的合页承重不一样, 具体技术参数见后面合页系列。

Technical information

1. These accessories apply to different casement door casement door and is optional.
2. Various types of handles are available as per request, more detail please see the following handle series.
3. Options for different hinges provide different load bearing. Specific parameters please see the following hinge series.

► 欧标20槽平开门锁五金配件 Casement Door Lock Accessories



● 平开门五金配置四 Accessories for casement door

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark
1	CZM04D	双面执手 Bidirectional Handle	1	可选 CZM19C, CZM20, CZM21, CZM23, CZM19
2	3000	锁体 Lock body	1	
3	CZMK36	锁扣板 Buckle board	1	
4	JX37	可卸合页 Hinge	3	
5		掩胶 Gasket		材质 (Material): EPDM

配置补充说明:

- 1、本配置适用于阳台不带锁匙的平开门中, 配件均为可选择性配件, 可根据型材实配。
- 2、本配置执手有多种不同款式可供客户选择, 详见后面执手系列。
- 3、选用不同的合页承重不一样, 具体技术参数见后面合页系列。

Technical information

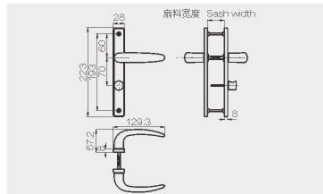
1. These accessories apply to balcony casement door without key and is optional.
2. Various types of handles are available as per request, more detail please see the following handle series.
3. Options for different hinges provide different load consideration. Specific parameters please see the following hinge series.

平开门锁五金配件 Casement Door Lock Accessories



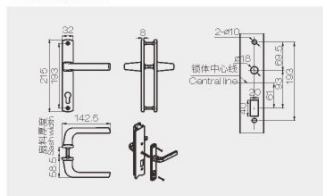
CZM04

- 安装螺丝的规格须根据铝型材扇料厚度选用。
- 螺丝规格: M5X(扇料宽度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm 与 00 系列锁体配合使用
- Selecting fixing screw based on the sash thickness
- Screw specification: M5 x (Sash width +10mm)
- Square shaft length: Sash thickness+50mm Apply with 00 lock body series



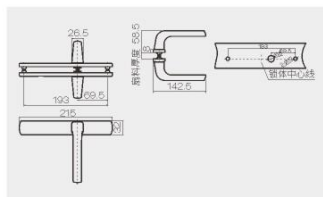
CZM09

- 安装螺丝的规格须根据铝型材扇料厚度选用。
- 螺丝规格: M5X(扇料宽度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手分左右
- Selecting fixing screw based on the sash thickness
- Screw specification: M5 x (Sash width +10mm)
- Square shaft length: Sash thickness+50mm
- Left and right version



CZM09A

- 安装螺丝的规格须根据铝型材扇料厚度选用。
- 螺丝规格: M5X(扇料宽度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm 执手分左右
- Selecting fixing screw based on the sash thickness
- Screw specification: M5 x (Sash width +10mm)
- Square shaft length: Sash thickness+50mm Left and right version

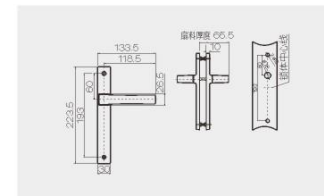


平开门锁五金配件 Casement Door Lock Accessories



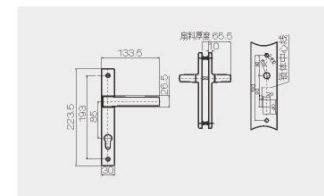
CZM19

- 安装螺丝的规格须根据铝型材扇料厚度选用。
- 螺丝规格: M5X(扇料宽度+10mm)
- 方轴长度: 铝型材扇料厚度+48mm 执手分左右
- Selecting fixing screw based on the sash thickness
- Screw specification: M5 x (Sash width +10mm)
- Square shaft length: Sash thickness+48mm Left and right version



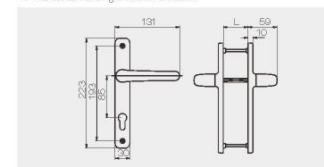
CZM19A

- 安装螺丝的规格须根据铝型材扇料厚度选用。
- 螺丝规格: M5X(扇料宽度+10mm)
- 方轴长度: 铝型材扇料厚度+48mm 执手分左右
- Selecting fixing screw based on the sash thickness
- Screw specification: M5 x (Sash width +10mm)
- Square shaft length: Sash thickness+48mm Left and right version



CZM20A

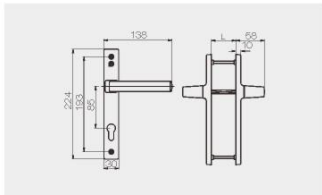
- 安装螺钉的规格、方轴长度根据型材扇料厚度选用
- 螺钉规格: M5*(扇料厚度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手不分左右
- The optional screws and square shafts are based on the sash thickness
- Screw specification: M5* (sash width +10mm)
- Square shaft length: Sash thickness+50mm
- Handle Left and right version are same



平开门锁五金配件 Casement Door Lock Accessories

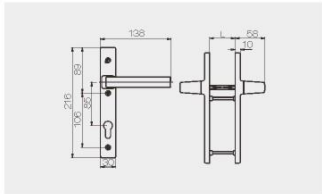
CZM21A

- 安装螺钉的规格、方轴长度根据型材扇料厚度选用
- 螺钉规格: M5* (扇料厚度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手不分左右
- The optional screws and square shafts are based on the sash thickness.
- Screw specification: M5* (sash with +10mm)
- Square shaft length: Sash thickness+50mm
- Handle Left and right version are same



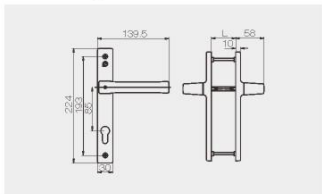
CZM23A

- 安装螺钉的规格、方轴长度根据型材扇料厚度选用
- 螺钉规格: M5* (扇料厚度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手不分左右
- The optional screws and square shafts are based on the sash thickness.
- Screw specification: M5* (sash with +10mm)
- Square shaft length: Sash thickness+50mm
- Handle Left and right version are same



CZM24A

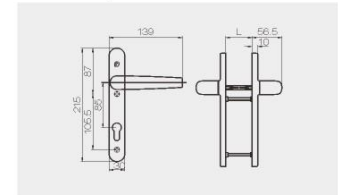
- 安装螺钉的规格、方轴长度根据型材扇料厚度选用
- 螺钉规格: M5* (扇料厚度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手不分左右
- The optional screws and square shafts are based on the sash thickness.
- Screw specification: M5* (sash with +10mm)
- Square shaft length: Sash thickness+50mm
- Handle Left and right version are same



平开门锁五金配件 Casement Door Lock Accessories

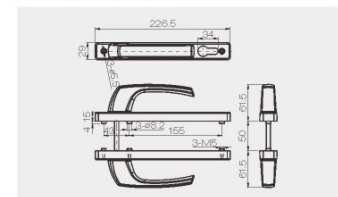
CZM25A

- 安装螺钉的规格、方轴长度根据型材扇料厚度选用
- 螺钉规格: M5* (扇料厚度+10mm)
- 方轴长度: 铝型材扇料厚度+50mm
- 执手不分左右
- The optional screws and square shafts are based on the sash thickness.
- Screw specification: M5* (sash with +10mm)
- Square shaft length: Sash thickness+50mm
- Handle Left and right version are same



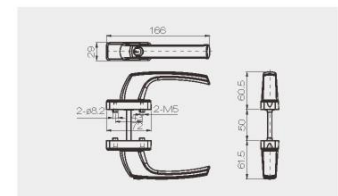
CZ50A

- 方轴长度可按要求定做。
- 执手只适用于 CH34-TA、BTM3501A、BPM3501A 传动闭器。
- 7x7mm 方轴, 方轴长度 = 扇料厚度+65/70mm, 配 M5 沉头螺丝, 螺丝长度 = 扇料+20mm。
- Shaft length can be made as per your requirements.
- Handle can be used for CH34-TA, BTM3501A, BPM3501A transmission device.
- 7x7mm shaft, shaft length: sash width+65/70mm, with M5 counter-sunk screw. Screw length: sash length+20mm.



CZ50

- 方轴长度可按要求定做。
- 7x7mm 方轴, 方轴长度 = 扇料厚度+65/70mm, 配 M5 沉头螺丝, 螺丝长度 = 扇料+20mm。
- Shaft length can be made as per your requirements.
- 7x7mm shaft, shaft length: sash width+65/70mm, with M5 counter-sunk screw. Screw length: sash length+20mm.



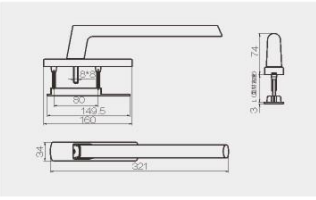
平开门锁五金配件

Casement Door Lock Accessories



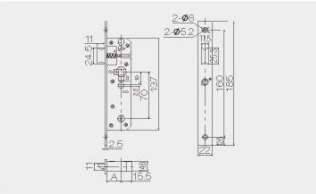
CZ52B

- 适用于 TSM02 提升推拉门系统
- 执手不分左右
- Applicable to TSM02 Lift-side door
- Handle Left and right version are same



00系列锁体

- 00 系列锁体分别有：2500、3000、3500 三种规格，适用于阳台不带匙平开门中。
- Divide the 00 lock body series into three specifications 2500,3000, 3500 which apply to balcony no-key casement door.

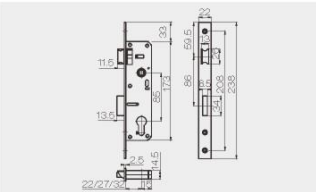


规格 Specification	A
2500	22
3000	27
3500	32



85A系列锁体

- 85A 系列锁体分别有：2585A、3085A、3585A 等三种规格。
- Specification of 85A lockbody series 2585A 3085A 3585A



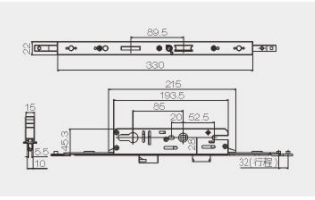
平开门锁五金配件

Casement Door Lock Accessories



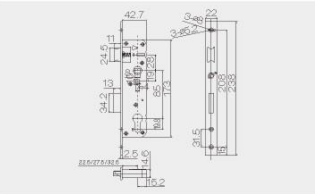
3085E

- 适用于普通平开门
- Apply to single casement door



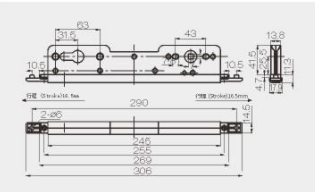
85D系列锁体

- 85D 系列锁体分别有：2585D、3085D、3585D 三种规格
- Specifications of 85D lockbody series: 2585D 、 3085D 、 3585D



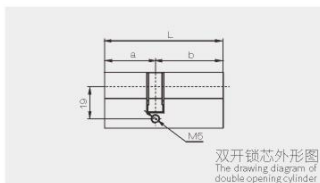
CH51锁盒

- 双向传动锁盒
- double-sided lock box

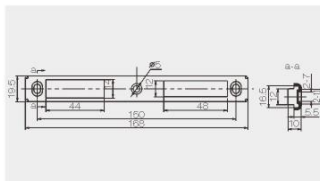
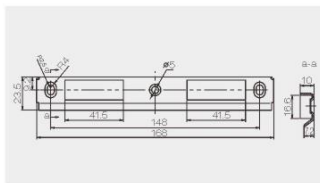
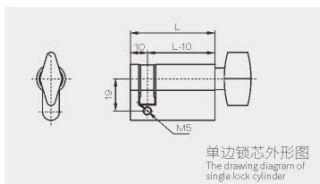
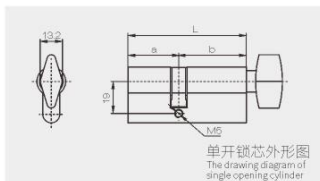




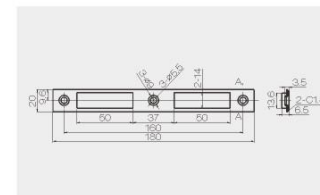
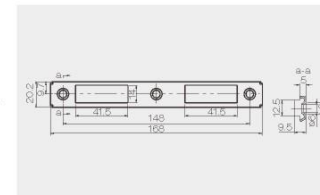
- 双开链芯外形图:表示方法为 a/bA, a、b 的长度根据实际需要而定,但最短不得小于 25mm
- Dimension drawing Representation method is a/b A (the length of a/b is based on actual need but not less than 25mm)



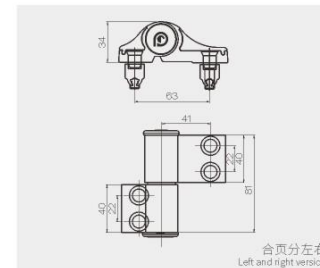
- 单开锁芯外形图:表示方法为 a/b TB;a、b 的长度根据实际需要而定, b 尺寸表示靠旋钮端。
- Single opening lock cylinder outside drawing:representing method is a/b TB;The length of a,b is based on actual need, b is for losing to the knob.



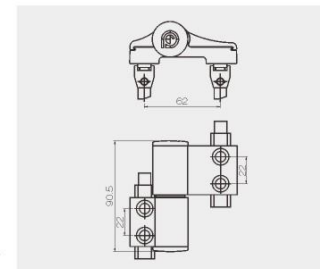
- 有多规格种扣板可供客户选用,也可根据锁体和型材要求订做。
- Varioustypes of buckle are available for clients to select, it's also ok to make based on the lockbody and profile.



- 适用于框、扇型材在同一平面相平的门开闭。如用于框、扇型材不在同一平面需附加焊接垫块。
- 合页最大承重能力为 140kg，具体承重能力与合页安装和型材有关。
- 合页偏心可调，调节方式见后图安装说明。
- Apply to the casement door whose sash and frame are in a same plane, if not, an additional block should be installed on the border.
Maximum load: 140kg/2sash. The load of hinge is relevant to hinge installation and profile.
Adjustable hinge eccentric, adjustment method is showed in the installation instruction.



- 适用于框、扇型材在同一平面相平的门开闭。
- 合页最大承重能力为 200kg，具体承重能力与合页安装和型材有关。
- 合页偏心可调，调节方式见产品安装说明。
- 合页分左右。



门铰链(合页)系列 Door Hinge Series

JX37

● 三维可调、高承重、人性化设计的合页

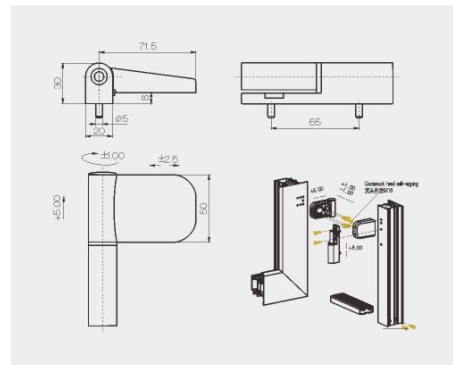
- 1、可真正实现侧、高和扇压力调节的合页。
- 2、最大可承重 100kg/对，具体承重能力与合页安装和型材有关。
- 3、每个方向都可单独调节。
- 4、所有的调整方向都可以在安装好之后不费力进行，一个人可完成调节。
- 5、适用于框、扇型材在同一平面高低相差 8-9mm 的平开门。

● Adjustable 3D, high-load, humanized designing hinge

1. Adjustable both at side, height, and sash pressure.
2. Maximum load: 100kg/twin, specific weight capacity is relevant to the installation and profile.
3. Separately adjustment at any direction.
4. Easily adjust the direction after installation by oneself.
5. Apply to casement door with 8-9mm discrepancy in height between leaf and frame.



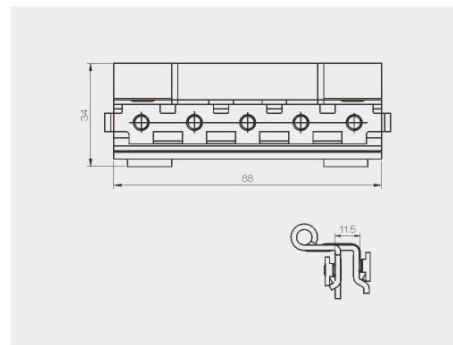
合页分左右
Left and right version



FJX03

- 适用于 20 槽平开门、窗。
- 窗用时合页最大承重: 80kg/对; 门用时合页最大承重: 200kg/对。
- 采用优质不锈钢 304 冲压而成。
- 满足甲级耐火要求。
- 安装时, 安装螺钉需打在型材内部钢衬。

- Apply to 20mm groove casement door & window.
- Window Maximum load 80KG/pair. Door Maximum load 200KG/pair.
- Using excellent 304 stainless steel to stamp finishing.
- Accord with the Class A fire-resistant requirement.
- Installing screw should be installed the profile inside.

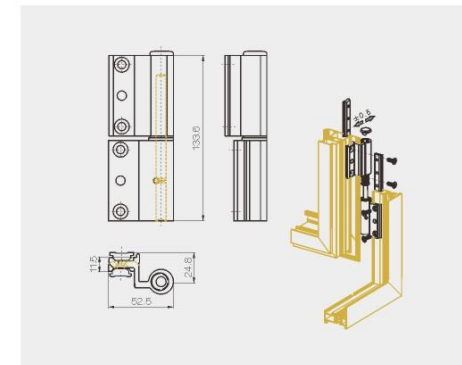


门铰链(合页)系列 Door Hinge Series

JX67

- 偏心调节合页。
- 适用于欧式 20 槽平开门窗。
- 最大可承重 100kg/对，具体承重能力与合页安装和型材有关。
- 框合页压片要在组角前放入。若组角后放入需采用特殊压片 JX67A-09。

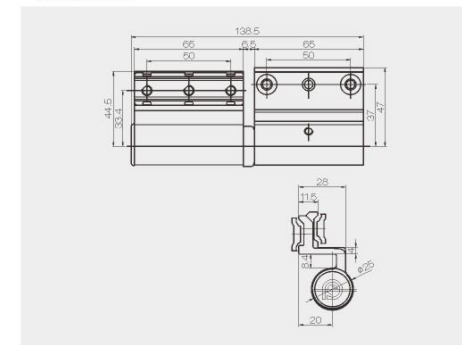
- Eccentric adjustable hinge
- European standard 20mm groove casement door & window
- Maximum load: 100kg/twin, specific weight capacity is relevant to the installation and profile
- Sash hinge plate is put in before the corner being put, if corner being put after, need to use special plate JX67A-09.



JX67A

- 适用于 20 槽平开门、窗。
- 合页最大承重: 120KG/对。
- 具体承重与合页安装和型材有关。
- 框扇合页间采用滚针轴承, 提高合页稳定性。
- 框合页压片要在组角前放入。若组角后放入需采用特殊压片 JX67A-09。

- Apply to 20mm groove casement door & window
- Maximum load: 120kg/pair
- The load of hinge is relevant to hinge installation and profile.
- Hinge between the sash and frame is used the needle bearing for improving stability.
- Sash hinge plate is put in before the corner being put, if corner being put after, need to use special plate JX67A-09.





Create Value
For Construction
为建筑创造价值

Flush Bolt 插销

定义：实现对门窗定位、锁闭功能的装置。

主要性能指标：

- 1、空载时，操作力矩不超过 $2\text{N}\cdot\text{m}$ ，或操作力不超过 50N ；负载时，操作力矩不超过 $4\text{N}\cdot\text{m}$ ，操作力不超过 100N 。
- 2、反复启闭 5000 次后，插销能正常工作，并满足操作力。
- 3、插销杆承受 1000N 压力作用力后，操作力矩不应超过 $8\text{N}\cdot\text{m}$ 。

使用范围：平开门窗框中挺对开扇上。

Definition:

The device that realizes location and lock function.

Performance index:

Non-load: Operating torque $\leq 2\text{N}\cdot\text{m}$, or operating force $\leq 50\text{N}$.

Loading: Operating torque $\leq 4\text{N}\cdot\text{m}$, or operating force $\leq 100\text{N}$.

After 5000 times, repeatedly experiment, the flush bolt remains regular function.

After bearing 1000N operation force, operation torque is less than $8\text{N}\cdot\text{m}$, and closing after the 15000 cycle test, the change of rotating component $\leq 0.5\text{nm}$.

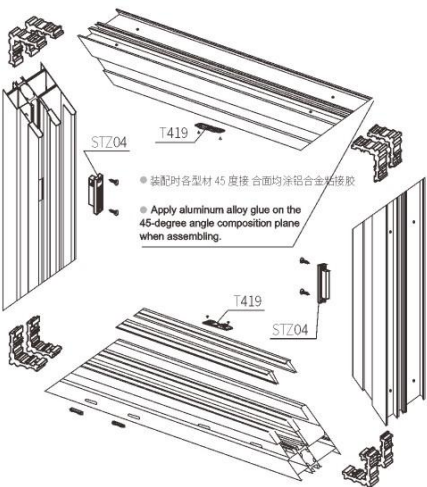
Scope of application: Casement window.

70节能推拉门窗系列

70 Energy-Saving Sliding Door & Window Series

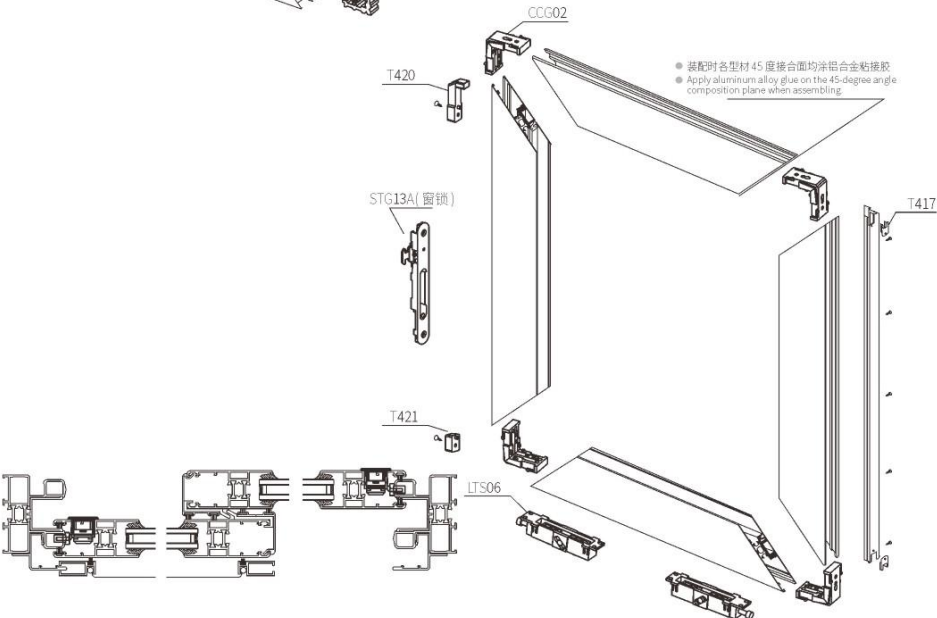
70 系列节能推拉门窗装配范例 1(窗框)

70 Energy-saving sliding Door&Window assembling diagram1 (frame)



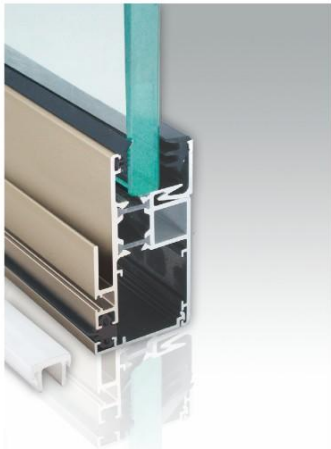
70 系列节能推拉门窗装配范例 2(窗扇)

70 Energy-saving sliding Door&Window assembling diagram2 (sash)



95节能推拉门窗系列

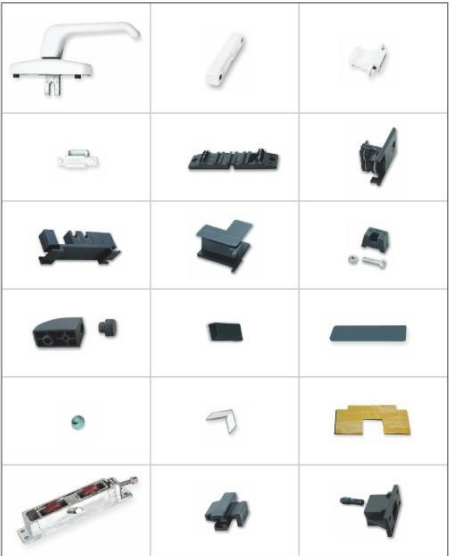
95 Energy-Saving Sliding Door & Window Series



TT95 系列推拉门 (双扇门) 配件明细

95 Energy-Saving Slide Door Series(Double Sashes)

序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark	原编号 Code
1	T383	内扇封盖 Sealing plastic block for inner sash	8		TT95S-01
2	T387	缓冲块 Buffer	4		TT95S-02
3	T390	扇接头密封件 Sash Sealing Slip	2		TT95S-03
4	T391	外框端堵1 End for outside frame	4		TT95S-04-1
5	T392	外框端堵2 End for outside frame	4		TT95S-04-2
6	T393	勾企封盖 Decorative stopper	4		TT95S-05
7	T396	防撞块 Anti-hitting block	1		TT95S-06-1
8	T397	防撞块头胶 Hitting Plastic Block	1		TT95S-06-2
9	T398	出水槽盖 Water drainage bushing	2		TT95S-07B
10	T445	孔塞 stopper	12		TT95S-08
11	T446	双面粘密封片 Adhesive sealing slip	4		TT95S-09
12	T400	勾企上收口 Heated insulation slip (upper)	2		TT95S-11S
13	T401	勾企下收口 Heated insulation slip (bottom)	2		TT95S-11X
14	T447	玻璃垫片 Glass gasket	8		TT95S-16
15	T410	锁点 locking point	4		TT95W-01
16	T411	传动拨块 Transmission block	2		TT95W-02
17	T412	锁座 Lock Holder	4		TT95W-03
18	CZH04E	拨叉执手 Handle	2		



序号 No.	产品编号 Code	产品名称 Description	数量 QTY	备注 Remark	原编号 Code
19	LTS05	滑轮 Roller	4		
20	T403	固定扇用固定卡柱 Fixed Sash Fixed Block Pole	4		TT95S-12-2
21	T404	固定扇用光企卡块 Fixed Sash Frame Block	4		TT95S-13
22	T405	收口料上封口 Upper Sealing Slice	1		TT95S-14
23	T407	收口料下封口 Under Sealing Slice	1		TT95S-15
24	T448	下滑导轨 Under Guide Rail			TT95S-17
25	EP010P	勾企胶条 Rubber			
26		玻璃内侧胶条 Rubber			
27		玻璃外侧胶条 Rubber			
28		硅化毛条 7*6 Weather Strip 7*6			
29					

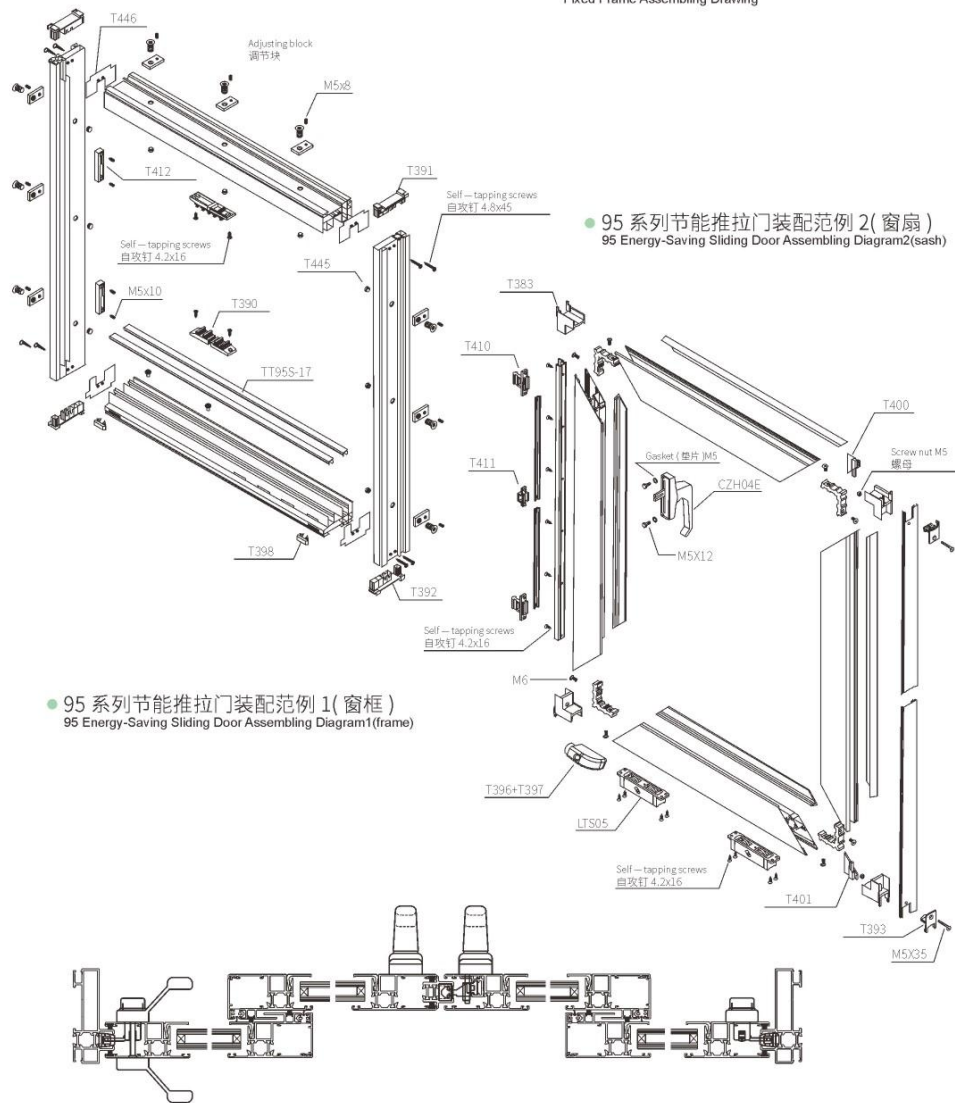
► 95节能推拉门窗系列

95Energy-Saving Sliding Door & Window Series

► TT95 门装配图

Fixed Frame Assembling Drawing

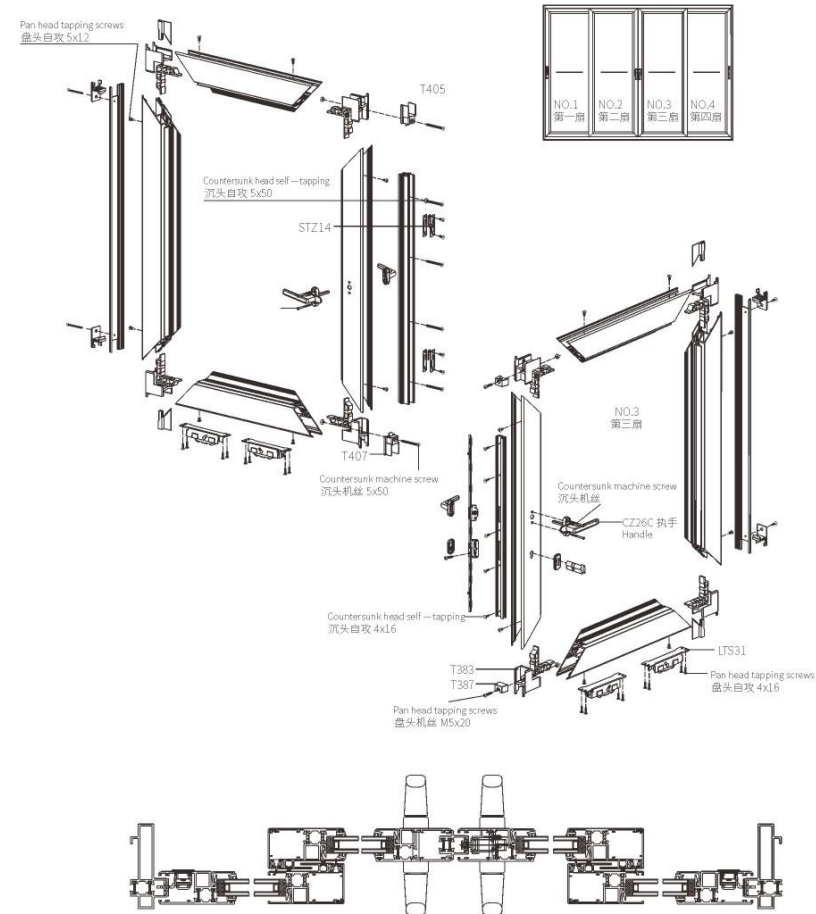
● 95 系列节能推拉门装配范例 2(窗扇) 95 Energy-Saving Sliding Door Assembling Diagram2(sash)



● 95 系列节能推拉门装配范例 1(窗框) 95 Energy-Saving Sliding Door Assembling Diagram1(frame)

► 阳台推拉门对开安装示意图

Balcony Sliding Doors Of The Installation Diagram



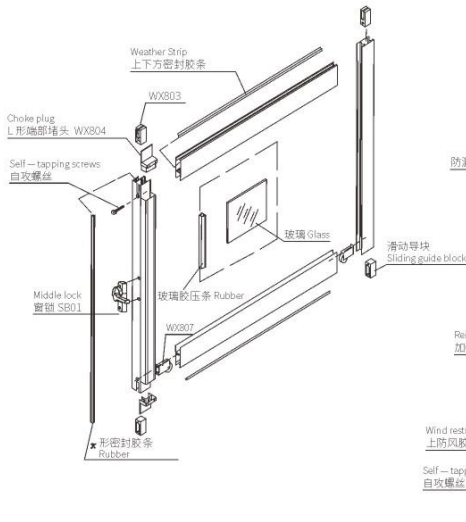
● 示意图说明:

- 1、请根据我司提供的相关配置图正确选用合理的五金及优质的密封件,并按图开孔安装,它是成为优良门窗的保证。
- 2、本配置安装示意图适用于带入户花园的阳台推拉门中,执手有多种选择,可根据型材实配。
- 3、本配置中间采用手启闭,操作方便更具人性化。
- 4、实现了多点锁闭和防盗锁芯,安全性更高。

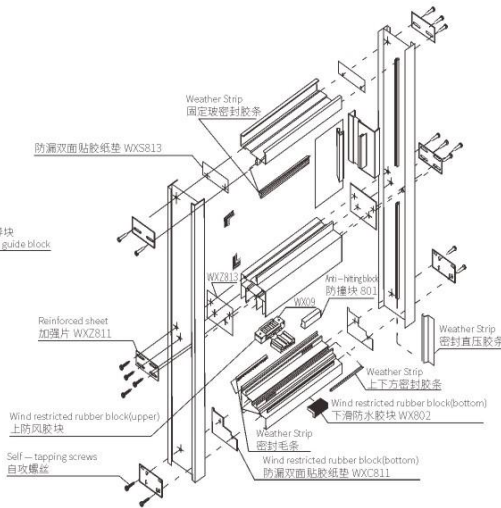
1. Please correctly select excellent hardware and sealing accessories based on our offered configuration drawings which are the important guarantee to become perfect door&window.
2. This assembling drawing applies to balcony sliding door in the garden;various options for handle based on profile.
3. This configuration which adopts manual open-close makes the operation more convenient and humanized.
4. Multi-point locking and anti-thief cylinder ensure the safety.

► 推拉门窗系列
Sliding Window Series

► 通用型推拉窗安装范例 (窗扇)
Universal Sliding Window Assembling Diagram(sash)



► 通用型推拉窗安装范例 (窗框)
Universal Sliding Window Assembling Diagram(frame)



● 通用型推拉窗配件表
General Sliding Window Series

配件 Accessories	型号 Code	产品名称 Description
	WX803	滑动导块 (安装在窗扇型材端头处) Sliding guide block (Install in the window fan section head.)
	WX809	上风风胶块 (安装在上滑两扇窗接口处) Wind restricted rubber block (upper)
	WX802	下风防水胶块 (安装在下滑两扇窗接口处) Wind restricted rubber block (bottom)
	WX801	防撞块 (安装在下滑端口) Anti-hitting block
	WX804	L型端部堵头 (一套) (安装在有凸出手柄的窗扇上下端) (安装时上端塞长堵头下端塞短堵头)
	WXF804	纱窗防脱件 (纱窗上方用) Screen anticreep device
	WXS811	导装加强片 加强窗框 (四角) Reinforced sheet
	WXZ811	导装加强片 加强窗框 (四角) Reinforced sheet
	WXC811	加强窗框 (四角) Reinforced sheet

配件 Accessories	型号 Code	产品名称 Description
	WX806	纱窗轮 Screen roller
	WX807	窗轮 Roller
	WXS813	加强片 加强窗框 (四角) Reinforced sheet
	WXZ813	加强片 加强窗框 (四角) Reinforced sheet
	WXC813	加强片 加强窗框 (四角) Reinforced sheet
	SB01	中间锁 (用自攻钉安装在型材上) Middle lock
	SBG01	中间锁扣 (用自攻钉安装在型材上) Middle lock buckle
	WXY801	燕尾铁 (窗框固定) Swallow tail iron





Crear Value
For Construction
为建筑创造价值

Sliding Latch Lock 单点锁闭器

定义：通过操作，对推拉门窗实现单一位置锁闭的装置。

主要性能指标：

- 1、执行标准：JG/T 130-2017
- 2、操作力矩应小于 $2\text{N}\cdot\text{m}$ （或操作力应小于 20N ）。
- 3、锁闭器部件在 400N 静压（拉）力作用后，不应损坏。
- 4、反复启闭 20000 次后，开启、关闭自定位位置正常。

使用范围：建筑水平推拉窗、室内推拉门。

Definition:

The device that realizes single site locking on sliding window and door through operating.

Performance index:

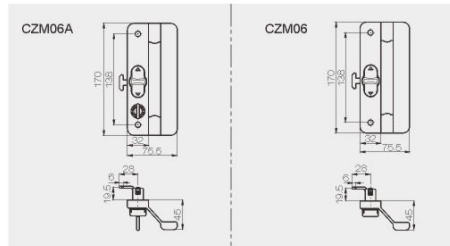
1. Operating standard: JG/T 130-2017
2. Operating torque $\leq 2\text{N}\cdot\text{m}$. Operating force $\leq 20\text{N}$
3. After 400N static tension, the component of locking device should not be damaged.
4. Repeatedly opening and closing $20,000$ cycles, the positions of the open and close are normal.

Scope of application: Casement, sliding door.

► 推拉门窗系列
Sliding Window Series

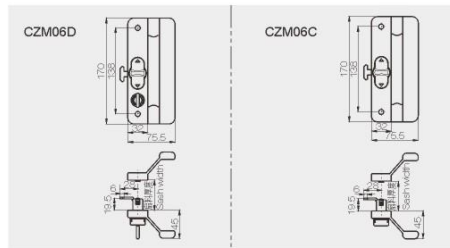


CZM06



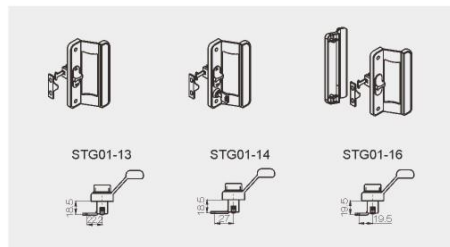
CZM06A

- 拉手分左右
- Left and right version



CZM06F

- 配不同锁钩外形图
- 螺丝规格: M5x (材料宽度+3mm) 配铜螺母
- 可通过更换垫片与锁钩的上下位置来调整锁钩中心距。
- Diagram of applying with several hooks
- Screw specification: M5 X (each width+3mm) apply with brass nut
- Adjust hook centre distance by changing the shim and repositioning the hook

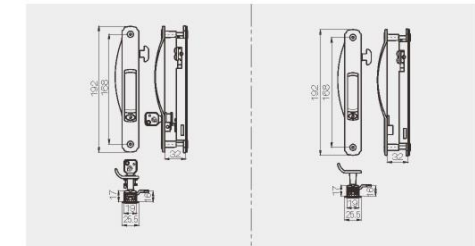


建设部门窗配件委员会推荐产品。
The products are recommended by door and window
accessories Committee Of Construction Department.

► 推拉门窗锁系列
Sliding Door & Window Lock Series

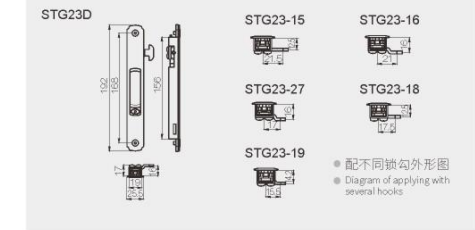


STG23A

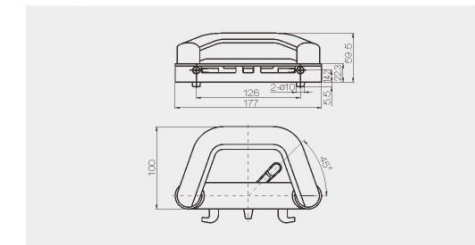


STG23D手动/STG23E自动

- 可根据型材需将锁钩翻转安装。
- 通过调节螺丝可将锁钩调整±3.5mm。
- 可实现防溢功能。锁钩长度有多种可选。
- Switching installation of the hook based on profile
- Make adjustable range of the left and right edge reach to ±3.5mm
- Realize the anti-theft function
- Above various hook for different profile selection

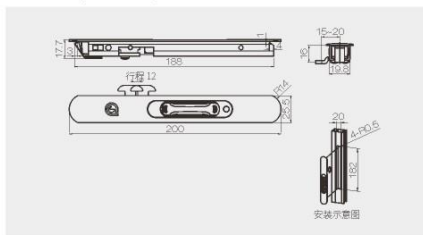


STG31

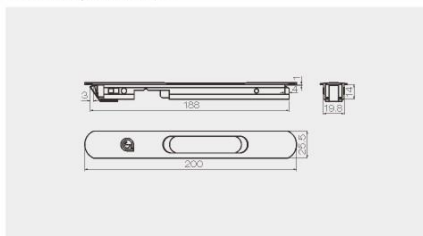




- 此款这款嵌入式挂钩，不需要安装螺钉。
- 可根据型材需要将钩口翻转安装。
- 钩口长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将钩口调整至 2.5mm。
- 有不同高度的滑动块供选择。
- This style is sliding latch lock, do not need to install the screws.
- Switching installation of the hook based on profile.
- Above various hook for different profile selection.
- Make adjustable range of the left and right edge reach ± 2.5mm.
- There are many size blocks for option.

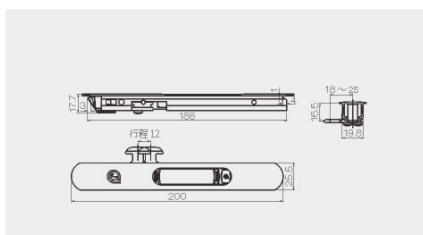


- 此款为嵌入式假条锁, 不需要安装螺钉。
- 有不同高度的滑动块供选择。
- This style is sliding latch lock, no need to install the screws.
- There are many size blocks for option.



- 此款为嵌入式条锁,不需要安装螺钉。
- 可根据型材需要将舌翻转安装。
- 锁舌长度有多种不同尺寸供选择。
- 有不同高度的滑动块供选择。
- 通过调整螺钉可将锁舌调整至 2.5mm。

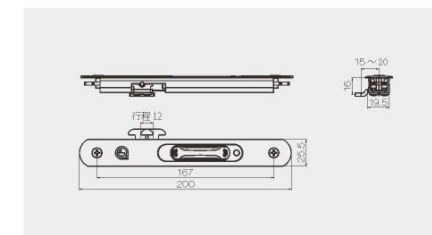
- This style is sliding latch lock, no need to install the screws.
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- There are many size blocks for option.
- The left and right hook can be adjusted to 2.5mm.



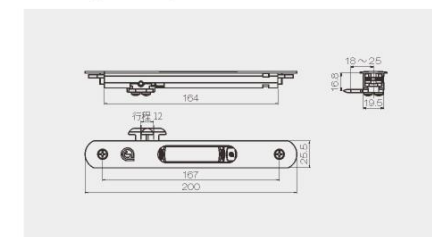
► 推拉门窗锁系列
Sliding Door & Window Lock Series



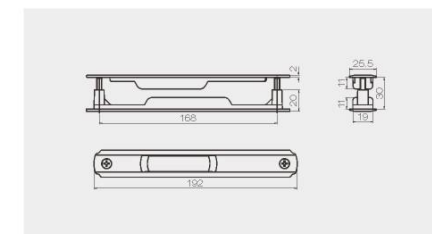
- 可根据型材需要将钩翻转安装。
- 锁勾长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将锁勾调整± 2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.



- 可根据型材需要将钩翻转安装。
- 锁钩长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将锁钩调整 ± 2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.

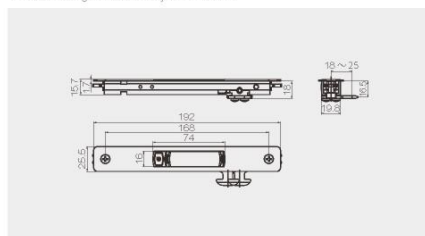


- 此款为双面假条锁。
- This version is Double-sliding handle ,can ' t be locked.

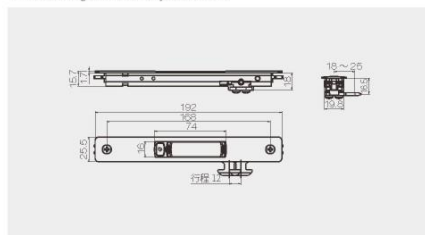




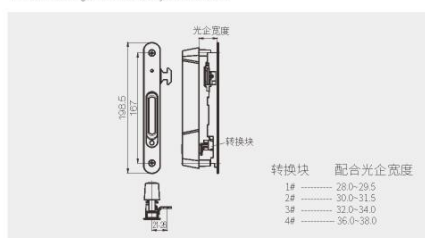
- 可根据型材需要将勾翻转安装。
- 锁勾长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将锁勾调整±2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.



- 可根据型材需要将勾翻转安装。
- 锁勾长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将锁勾调整± 2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.



- 可根据型材需要将勾翻转安装。
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- 通过调整螺钉可将锁勾调整± 2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.



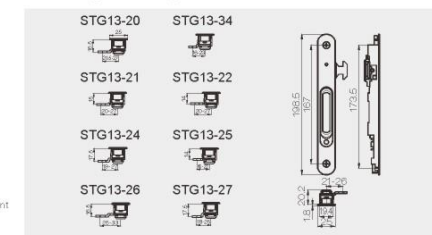
► 推拉门窗锁系列
Sliding Door & Window Lock Series



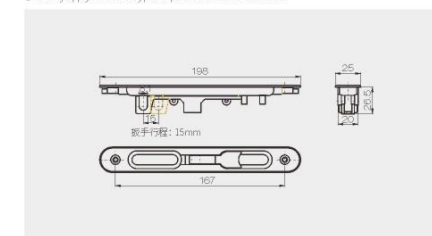
- 配不同锁勾外形图
- Above various hook for different profile selection



- 可根据型材需要勾翻转安装。
- 锁勾长度有多种不同尺寸可供客户选择。
- 通过调整螺钉可将锁勾调整±2.5mm。
- Switching installation of the hook based on profile.
- There are many size hooks for option.
- The left and right hook can be adjusted ± 2.5mm.



- 实现多点闭锁功能, 增强了门扇的密封和闭锁强度。
- 实现了扇的最大开启, 增大了门扇使用活动空间。
- 可实现多种功能组合——有单面锁、双面锁、带拉手等, 满足不同需要。
- 安装简单方便, 并具有防误操作功能。
- 广泛适用于不同型材结构和门扇类型。
- Realize the multi-point lockable function to enhance the airtight and locking intensity.
- Realize the maximum opening of the door, increase the use of the door's movable space.
- Multi-functional combination, single-sided lock, double-sided lock, switch handle to meet different requirements.
- Easy and convenient installation, with Anti-error operation function.
- Widely apply to various types of profiles and door types.

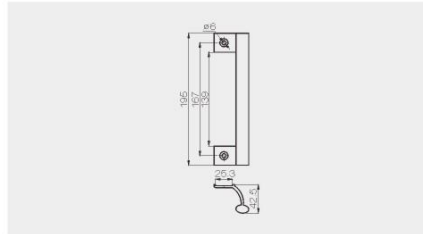


► 推拉门窗锁系列

Sliding Door & Window Lock Series

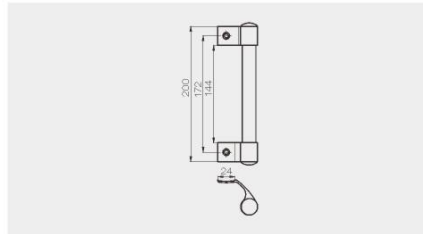
CZM10

- 与 STG08、STG13 系列条锁配合使用。
- Apply with sliding lock series STG13



STG18-12

- 与 STG18 系列条锁配合使用。
- Apply with sliding lock series STG18



STG13P

- 拉手可与各种条锁配合使用。
- 适用于各种公共场所或家居阳台门中。
- 开启方便。
- 外形美观, 雅致大方。
- The handle can be applied with various slide locks
- Apply to the public or balcony door at home
- Conveniently opening
- Beautiful elegant and lavish appearance



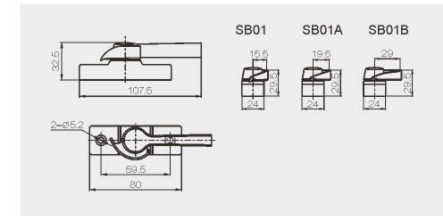
- 与 STG13 系列条锁配合使用。
- Apply with sliding lock series STG13

► 月牙锁系列

Crescent Lock Series

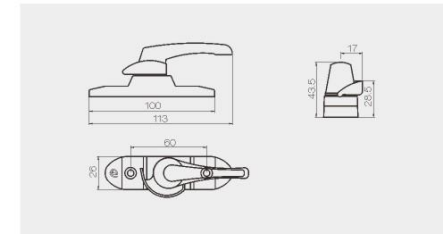
SB01

- 月牙锁分左右
- Left and right version



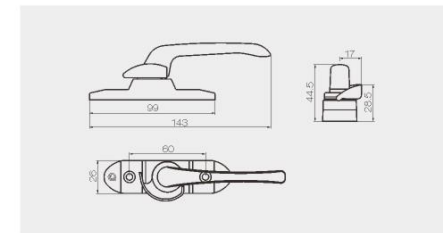
SB43

- 月牙锁分左右。
- 有多款锁头钩供选配。
- Left and right version
- Various hook head are available.



SB44

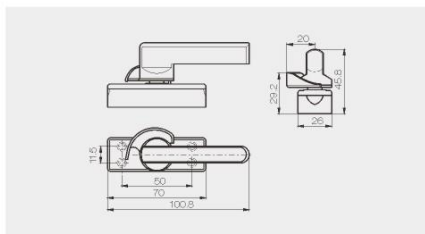
- 月牙锁分左右。
- 有多款锁头钩供选配。
- Left and right version
- Various hook head are available.





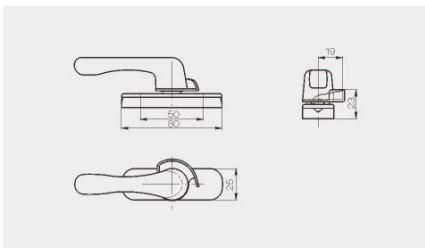
SB15

- 月牙锁分左右。
- Left and right version



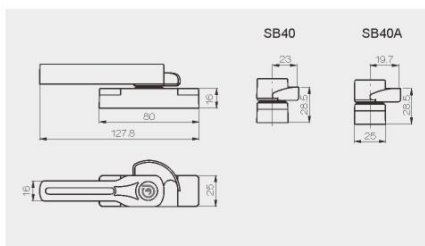
SB39

- 月牙锁分左右。
- Left and right version



SB40

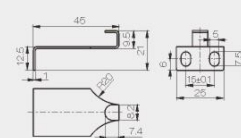
- 月牙锁分左右。
- Left and right version



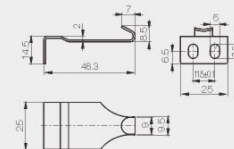
▶ 月牙锁系列
Crescent Lock Series



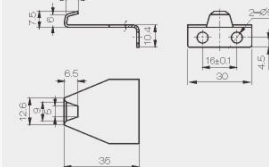
SBG02



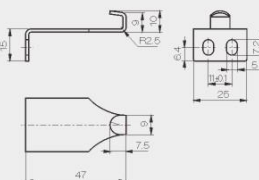
SBG03



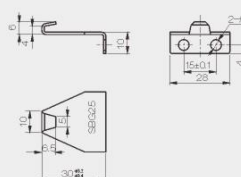
SBG07



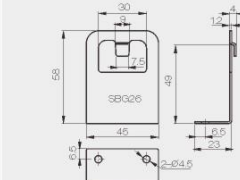
SBG12



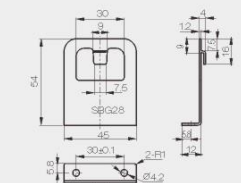
SBG25



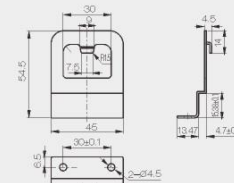
SBG26



SBG28



SBG41



不同的锁勾与不同的月牙锁和不同断面结构的型材配合均有不同的锁勾选用,必要时请与我司技术部门联系

Different hook, different crescent lock match to different profile
can have different hook, you can contact our technical section.



Creat Value
For Construction
为建筑创造价值

Roller Series 滑轮系列

定义：承重门窗重量，将重力传递到型材上，并能在外力的作用下，通过自身的滚动使门窗扇沿型材轨道往复运动的装置。

主要性能指标：

1.执行标准：JG/T 130-2017

2.一套滑轮按实际承载质量做反复启闭试验，门用滑轮达到100000次，窗用滑轮达到25000次后，轮体能正常滚动，达到试验次数后，在承重1.5倍的承载质量时，启闭力不应大于100N。

使用范围：建筑水平推拉窗、室内推拉门。

Definition:

The device that bears the weight of window or door and makes window or door repeatedly slide on the pathway through its rolling.

Performance index:

1. Operating standard: JG/T 130-2017

2. Door rollers work well after 100000 cycles tested with its biggest capacity. Window rollers work well after tests of 25000 cycles tested with its biggest capacity.

Scope of application: Construction sliding window and indoor sliding door

► 滑轮的选择和安装

Sliding Window Roller Selection And Installation

1、滑撑的选用

滑轮的选用需根据门窗扇的重量和铝型材的安装空间及滑轮的承重量确定：

- 1.门窗扇的重量=(玻璃重量+扇型材重量)×安全系数1.3。
- 2.确定扇下方与下滑的配合空间和下滑轨道形状尺寸，滑轮转动轮子的形状和尺寸需与下轨的形状相吻合。
- 3.根据分别满足第1、2项门窗扇重和门窗扇下方、下轨配合尺寸要求，选择符合与其相应要求的滑轮。

注：我司所示的滑轮承重均为一对或一组滑轮的承重。

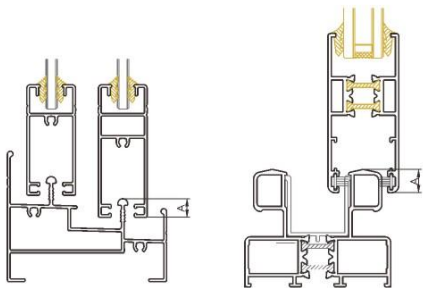
2、滑轮的安裝和固定

1.滑轮的选用需根据门窗扇的重量和铝型材的安装空间及滑轮的根据不同的型材结构和不同结构的滑轮，其与扇料的固定连接方式各有不同。在连接组扇前，应确定其固定方式，再根据实际情况合理用螺丝或螺钉固定。

2.必须使滑轮与门窗扇下方紧密连接，不得松动。

3、滑轮对型材的配合要求与安装

- 1.安装滑轮时应预留好滑轮的安裝和调节空间，并保证下方与下轨之间有足够搭接量A，特别是伞形轨道的下滑，防止扇脱轨。
- 2.安装时还应注意滑轮应处于下滑轨道中间，同时保证两个(两组)滑轮要同在同一直线上，不得偏移。

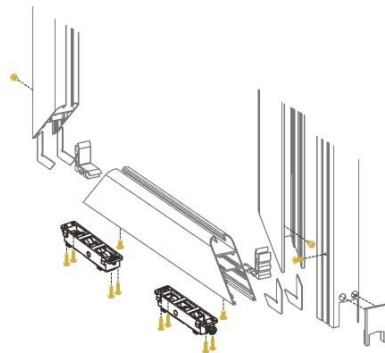


4、滑轮的维护

滑轮需要定期的检查维护，与滑轮配合的下轨道不能落入沙子、水泥、石灰等硬质杂物和酸性碱性腐蚀性物，及太多的灰尘等，这样会使门窗扇开关不顺畅，并使滑轮受到损坏。

5、注意事项

滑轮的實際使用效果和承重与选用滑轮轮轨、形状和角度等配合有关系，批量使用前敬请试裝确定。



1. Selection of the roller:

The selection is based on the weight of the sash, the hardware space of the profile and the load bearing of the roller:

- a. Window/door sash weight= (glass weight+sash profile weight) * 1.3 (safety index).
- b. The shape and dimension of the roller must accord with the shape of the bottom slide rail.
- c. Select the suitable roller according to point 1 and 2.

Note: The load bearing of the roller is per t wain.

2. Installation of the roller:

- a. The connection of the roller and the sash is different due to the difference of the roller and profile. Decide the way of installation first, then use screw or bolt accordingly.
- b. The roller and the bottom of the sash must be firmly connected.

3. Requirement to the profile and the installation:

- a. Make sure there is enough space (A) for installation and adjustment of the roller, prevent the sash from running off the rail.
- b. Keep the roller stay in the middle of the rail, make sure the two rollers (two pairs of roller) stay on the same line.

4. Maintenance of roller:

The routine inspection and maintenance are essential for the rollers to avoid the sand, cement, lime etc some hard raffle and acid—base property corrosive which may cause the sash unsmooth opening and have an bad effect on the rollers.

5. Note:

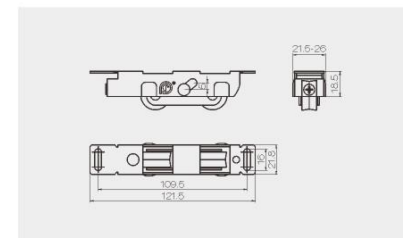
The use effect of the roller is relevant with its load bearing, wheel rail, shape and angle, please make a trial installation before ordering great amount.

► 推拉门窗滑轮系列

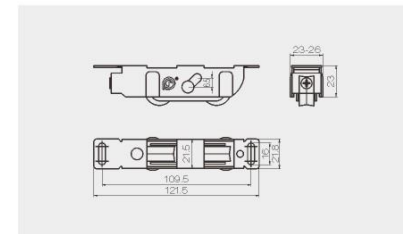
Roller Series



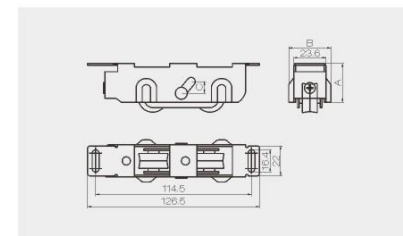
LTS800双轮



LTS801双轮

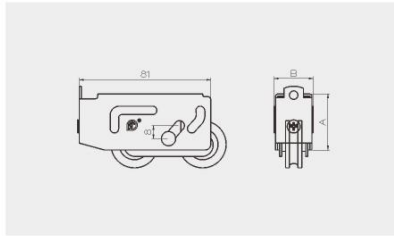


平底双轮

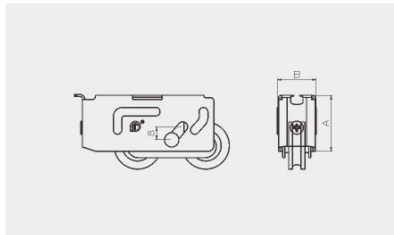


推拉门窗滑轮系列 Roller Series

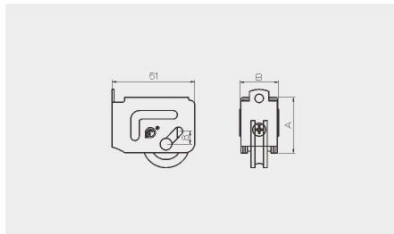
直尾双轮



叉尾双轮

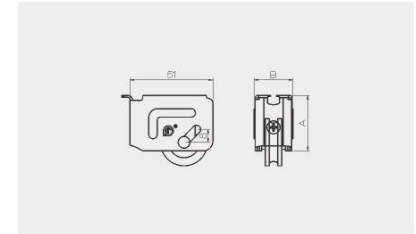


直尾单轮



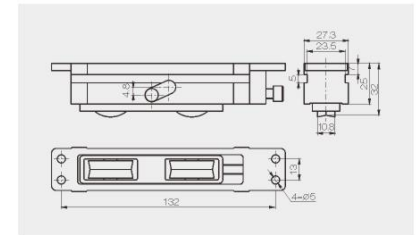
推拉门窗滑轮系列 Roller Series

叉尾单轮



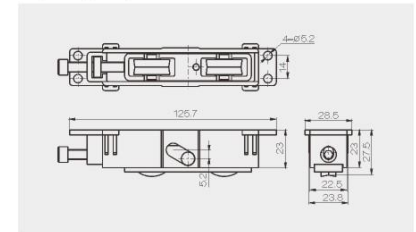
LTS05

- 最大承重: 80kg/ 对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 80 kg/ pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.

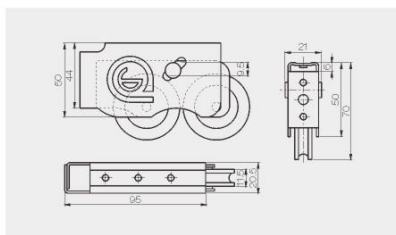


LTS06

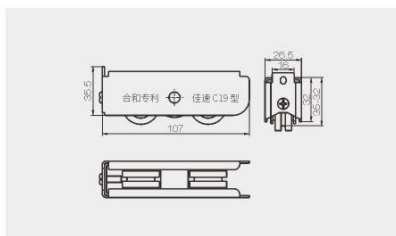
- 最大承重: 70kg/ 对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 70 kg/ pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



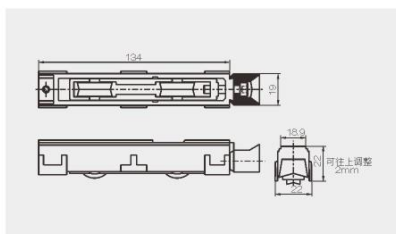
- 最大承重: 80kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 80kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



- 最大承重: 60kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 60 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



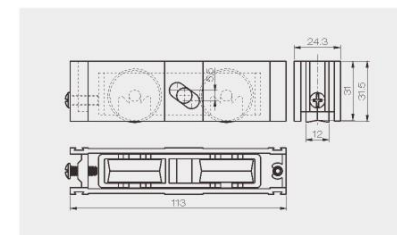
- 最大承重: 50kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 50 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



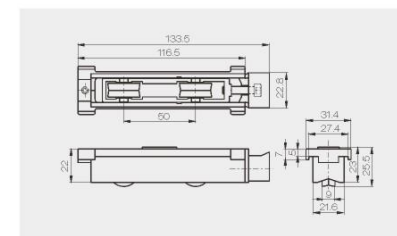
► 推拉门窗滑轮系列
Roller Series

- 有配宽轨（即平型轨）、圆轨两种选择。
- 最大宽轨：60kg/对。
- 尼龙轮有多种选择，下单请注明滑轮所配轨道的形状或角度等参数。
- Two options for roller/broad gauge and circular orbit.
- Load bearing: 60 kg/pair

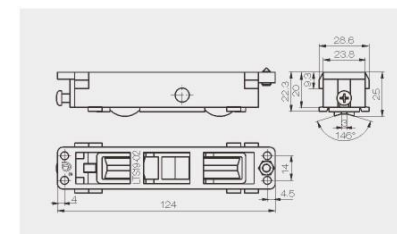
Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



- 最大承重: 50kg/ 对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 50 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



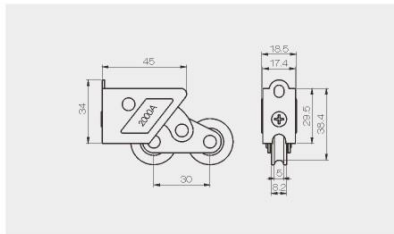
- 最大承重: 60kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 60 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



推拉门窗滑轮系列 Roller Series

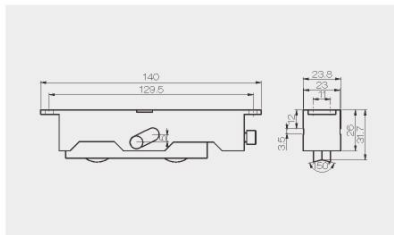
LTS22

- 最大承重: 40kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 40 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



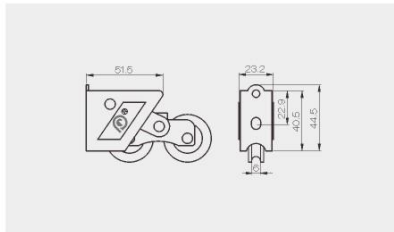
LTS24

- 最大承重: 80kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 80 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



LTS29

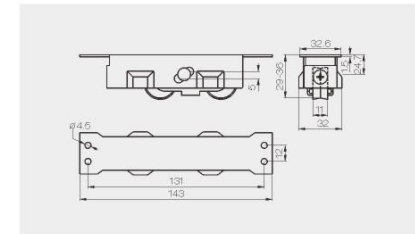
- 最大承重: 60kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 60 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



推拉门窗滑轮系列 Roller Series

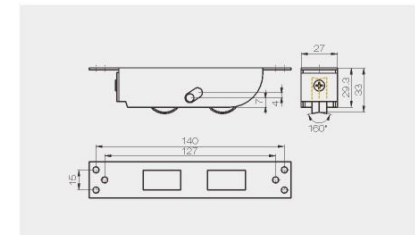
LTS31

- 最大承重: 80kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 80 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



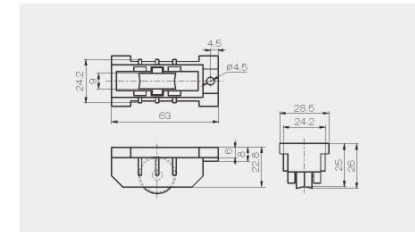
LTS50

- 最大承重: 80kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 80 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



LBD05

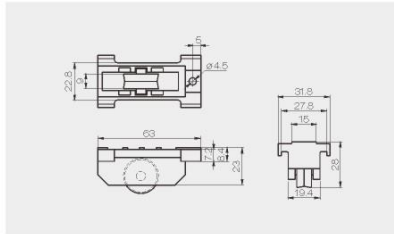
- 最大承重: 30kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 30 kg/pair
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



► 推拉门窗滑轮系列 Roller Series

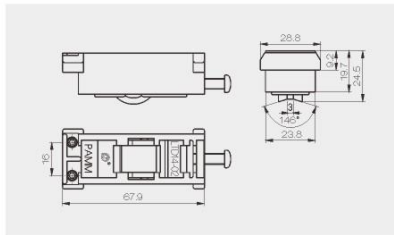
LBD07

- 最大承重: 30kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 30 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



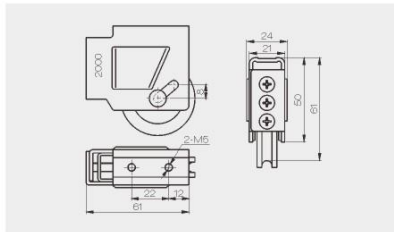
LTD14

- 最大承重: 30kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 30 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



LTD07

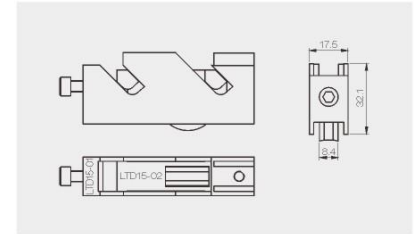
- 最大承重: 40kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 40 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



► 推拉门窗滑轮系列 Roller Series

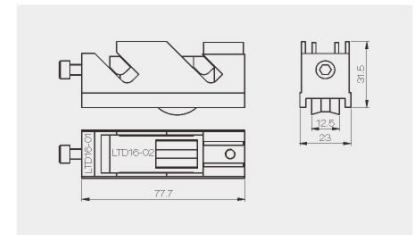
LTD15

- 最大承重: 30kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 30 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



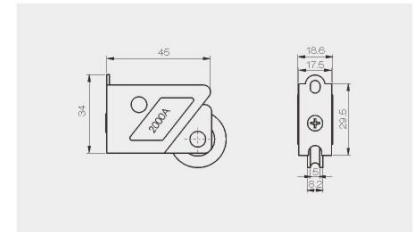
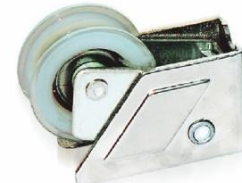
LTD16

- 最大承重: 30kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 30 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.



LTD22

- 最大承重: 25kg/对。
- 尼龙轮有多种选择, 下单请注明滑轮所配合轨道的形状或角度等参数。
- Load bearing: 25 kg/pair.
- Many options for nylon roller, please give clear indication of parameter of the rail shape and angle when place an order.





中国合格评定国家认可委员会 实验室认可证书

(注册号: CNAS L7727)

兹证明:

广东合和建筑五金制品有限公司检测中心

(法人: 广东合和建筑五金制品有限公司)

广东省佛山市三水区云东海街道永业路1号, 528100

符合 ISO/IEC 17025: 2005《检测和校准实验室能力的通用要求》
(CNAS-CL01《检测和校准实验室能力认可准则》)的要求, 具备承担本
证书附件所列服务能力, 予以认可。

获认可的能力范围见标有相同认可注册号的证书附件, 证书附件是
本证书组成部分。

生效日期: 2018-05-28

截止日期: 2024-05-28



中国合格评定国家认可委员会授权人

朱华

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**Guangdong HEHE Construction Hardware Manufacturing
Co., Ltd. Testing Center**

(Legal Entity: Guangdong HEHE Construction Hardware Manufacturing Co., Ltd.)

No.1, Yongye Road, Yundonghai Street, Sanshui District, Foshan,
Guangdong, China

is accredited in accordance with ISO/IEC 17025: 2005 General
Requirements for the Competence of Testing and Calibration
Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of
Testing and Calibration Laboratories) for the competence to undertake
the service described in the schedule attached to this certificate.

The scope of accreditation is detailed in the attached schedule
bearing the same registration number as above. The schedule forms an
integral part of this certificate.

Effective Date: 2018-05-28

Expiry Date: 2024-05-28

Signed on behalf of China National Accreditation Service for Conformity Assessment

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