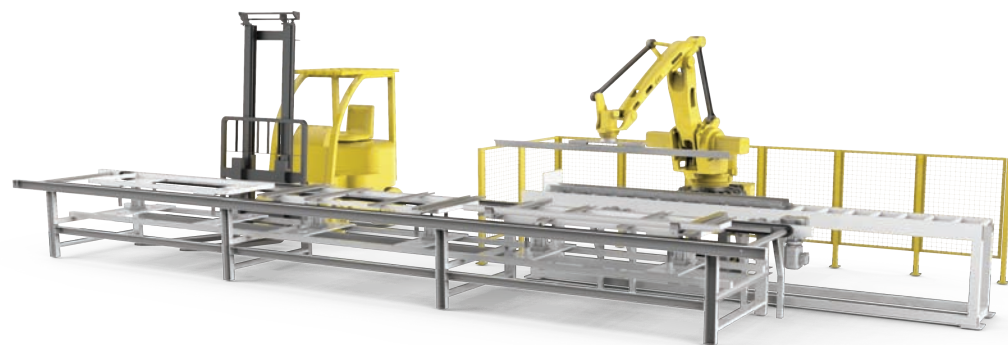
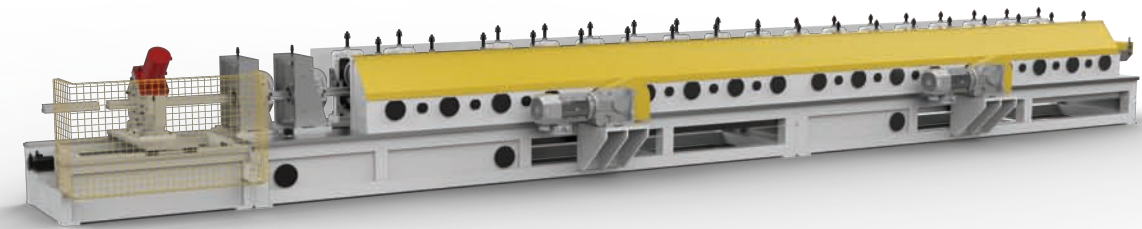


▲ 精密型钢系统
Precise Steel Profile System

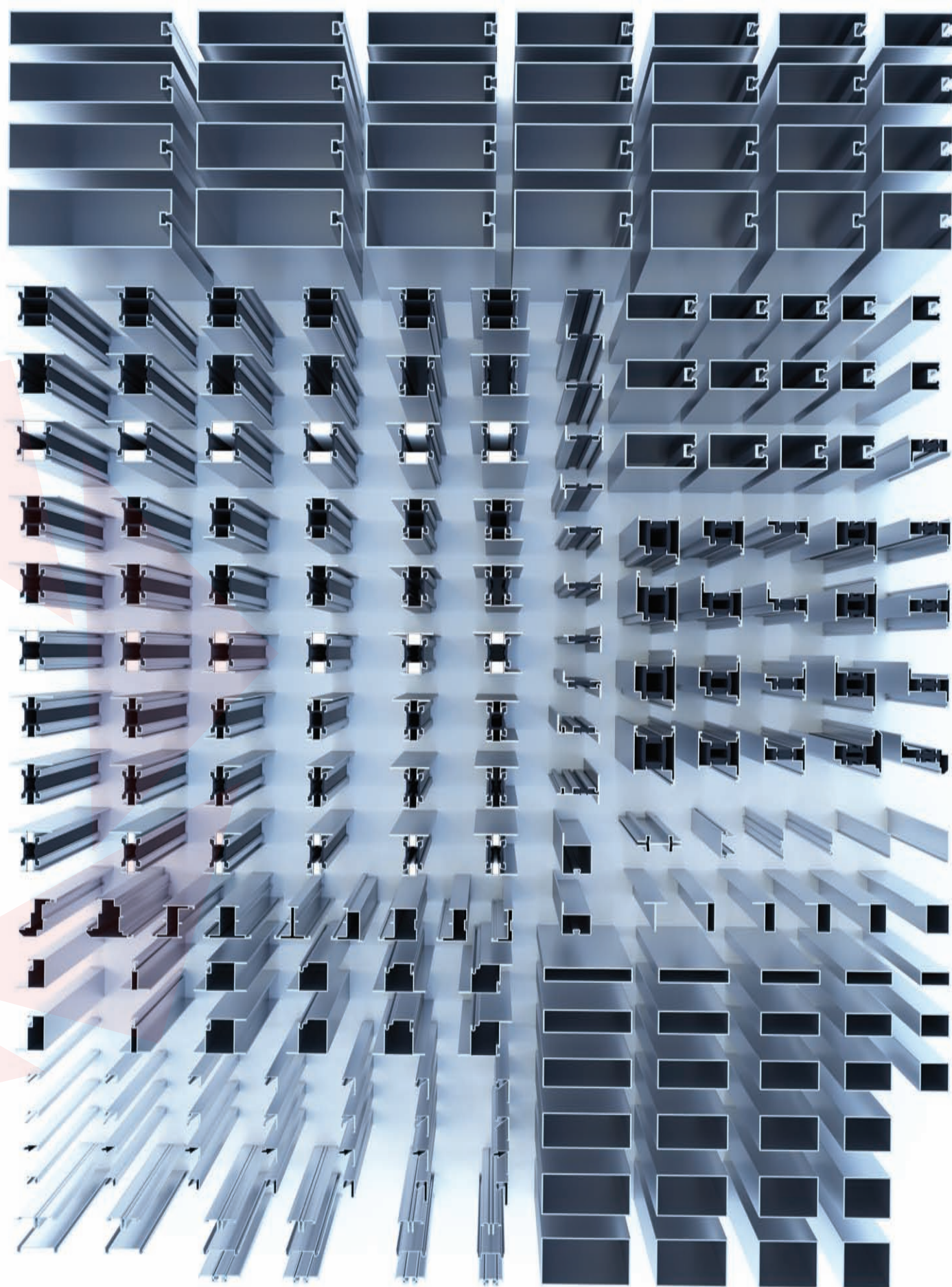


地址：中国浙江省嘉兴市南湖区七星街道东进路258号
Address: No.258, Dongjin Road, Nanhu District, Jiaxing, Zhejiang, China
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IMPROVE

英普锐机械（嘉兴）有限公司
IMPROVE MACHINERY JIAXING CO LTD



目录

Catalog

公司简介 About Us	1-2	
叠加幕墙系统 Superimposed Curtain Wall System	3-18	
双玻防火隔断系统 Double Glazed Fire Resistance Partition System	19-28	
幕墙系统 Curtain Wall System	29-52	
55防火窗系统 55 Fire Resistance Window System	53-70	
C类防火门·隔断系统 Class C Fire Resistance-Partition System	71-92	
隔热防火门·隔断系统 Thermal Insulated and Fire Resistance Door-Partition System	93-110	
纤细隔热钢窗 Slim Thermal Insulated Window-Partition System	111-130	
各系统的功能对照 Thermal Insulated and Fire Resistance Door-Partition System	131	
检测报告 Test Report	132	



英普瑞科技、英普锐机械、万托科技均隶属于香港英普瑞科技有限公司。三个厂区约11万平方米，500余名员工。是拥有门控、阳台晾晒、仓储智能、冷弯设备、非标自动化及金属型钢等六大类产品的国家级高新技术企业。

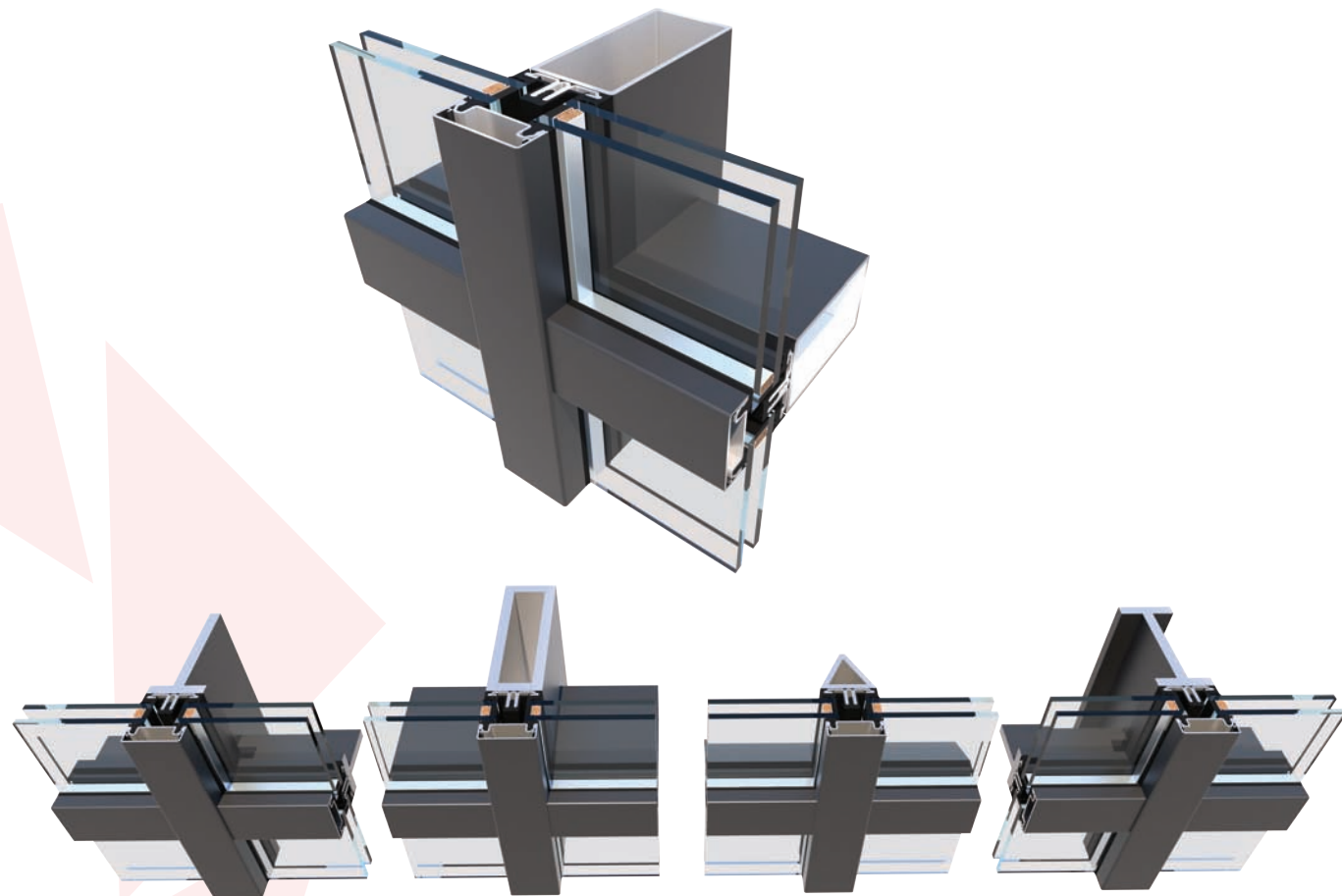
其中金属型钢拥有幕墙、方管、（非）隔热门、窗、单双玻隔断、纤细隔热门、窗等九大类共250多个规格的系列防火型材、配套五金及各种连接配件，综合水平稳居世界前列。模具化生产、装配式连接、模块化安装是公司系统开发核心理念。

Improve Technology, Improve Machinery Jiaying Co Ltd, One Top Technology all belongs to ImproveTechnology Co.,Ltd(Hongkong). The enterprise owns 3 factories, 110000 square meters, and more than 500 employees. Improve Has been awarded as national new&high technology enterprise by having garage door, balcony laundry, auto warehouse, roll forming equipments, non standard automation and steel profile, six production departments.

Steel Profile have curtain walls, rectangular tubes, (non) Thermal Insulated door and window single/double partition, slim thermal door and windows, over 250 size of profiles, matching hardwares and connectors. General quality is in the forefront of the world. Moulded production, prefabricated connection and modular installation are the core concept of company system development.

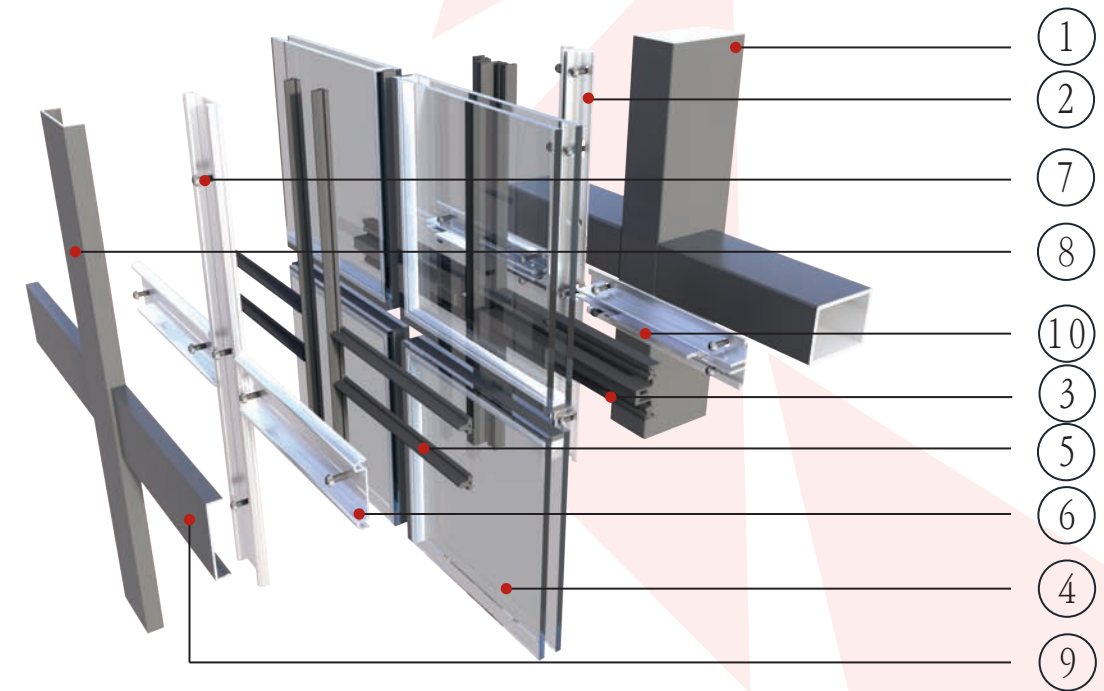
叠加幕墙系统

Superimposed Curtain Wall System



IPR叠加系统配合矩形管作为幕墙使用。优点为对幕墙的形式、抗风压性能等不受幕墙型材限制，可直接附加于钢结构作为防火幕墙使用。

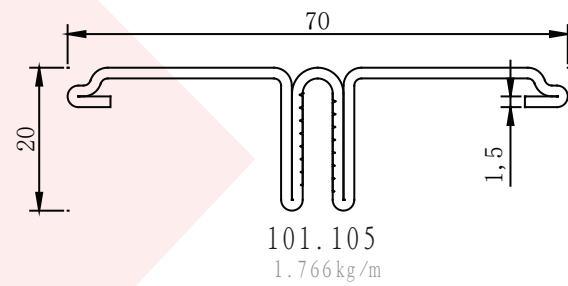
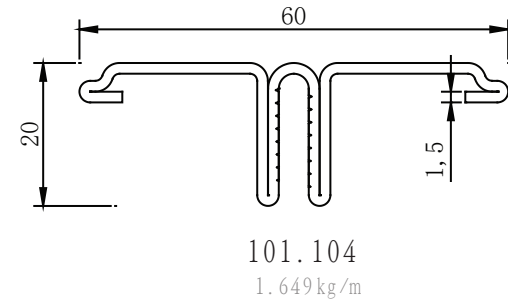
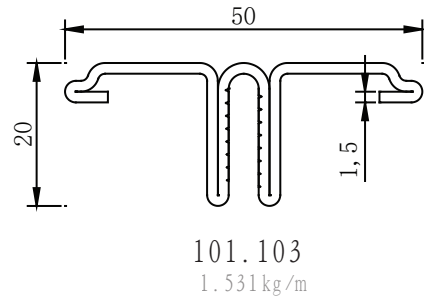
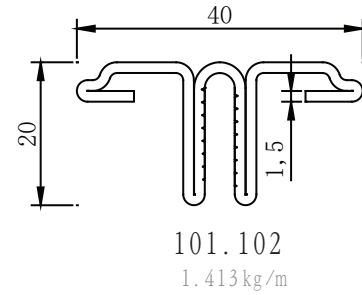
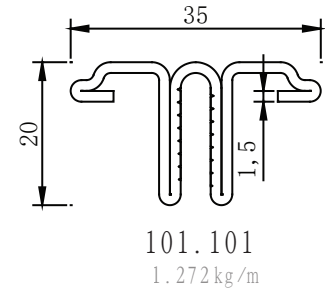
IPR Superimposed System can be used with rectangular tubes as curtain wall. The advantages are that the profile structure and wind-resistance will not be restricted, and can be directly used as fire resistance curtain wall.



①	101.126-101.147	尖角矩形管 Sharp Angle Rectangular Tubes	⑥	101.106-101.115	钢制压板 Steel Pressure Plate
②	101.101-101.105	钢制叠加条 Steel Superimposed Bar	⑦		压板紧固钉 Pressure Plate Fasten Screw
③	301.304-301.312	玻内密封条 Inside Gasket	⑧	101.213-101.234	面板1 Aluminum Plate 1
④		6-64mm厚玻璃 6-64mm Glass	⑨	101.213-101.234	面板2 Aluminum Plate 2
⑤	301.303	玻外密封条 Outside Gasket	⑩	301.110-301.119	玻璃托 Glass Bracket

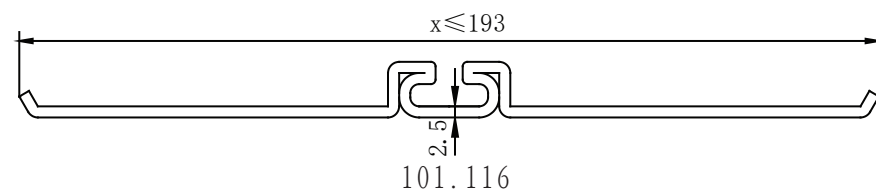
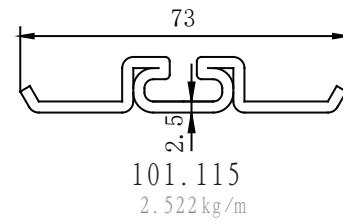
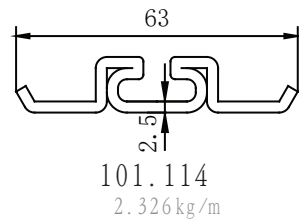
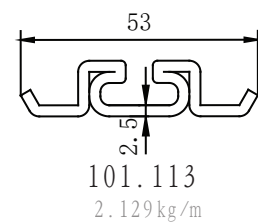
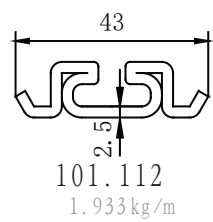
叠加条

Superimposed Bar



加强型叠加条

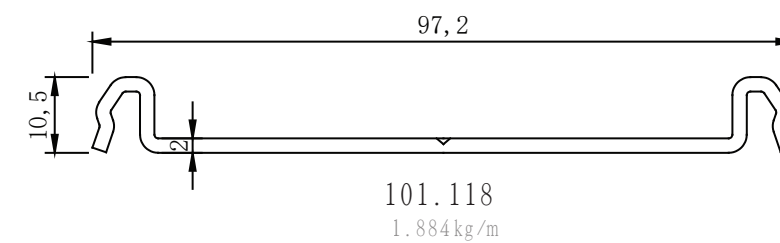
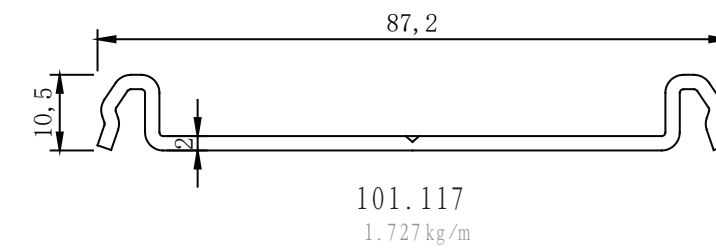
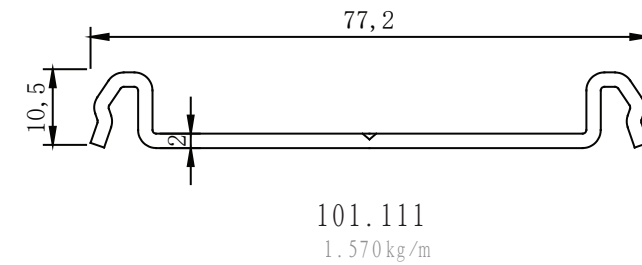
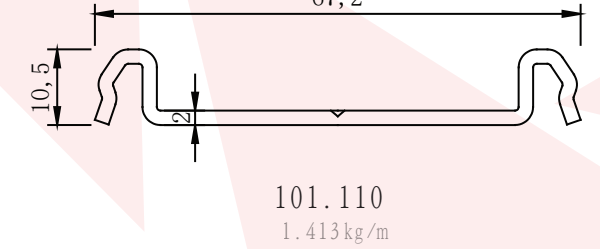
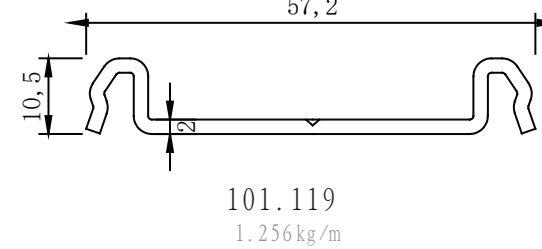
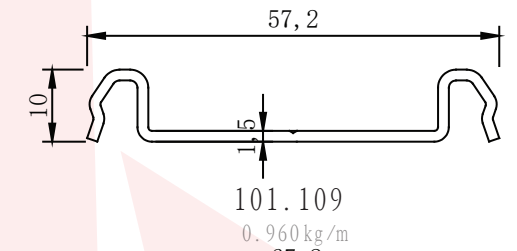
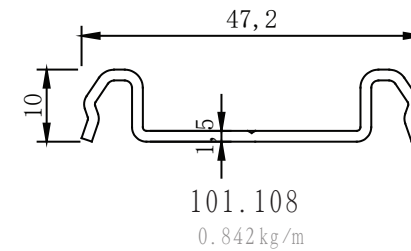
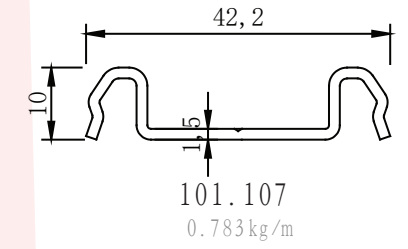
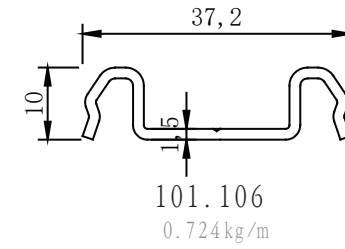
Enhanced Superimposed Bar



定制款, 可根据项目需求调整宽度, 最宽不大于193mm
可应用于可视面为200mm的龙骨型材。
OEM product, can adjust width depends on the project requirements,
maximum 193mm Can be apply on Keel profiles with 200mm visible phase.

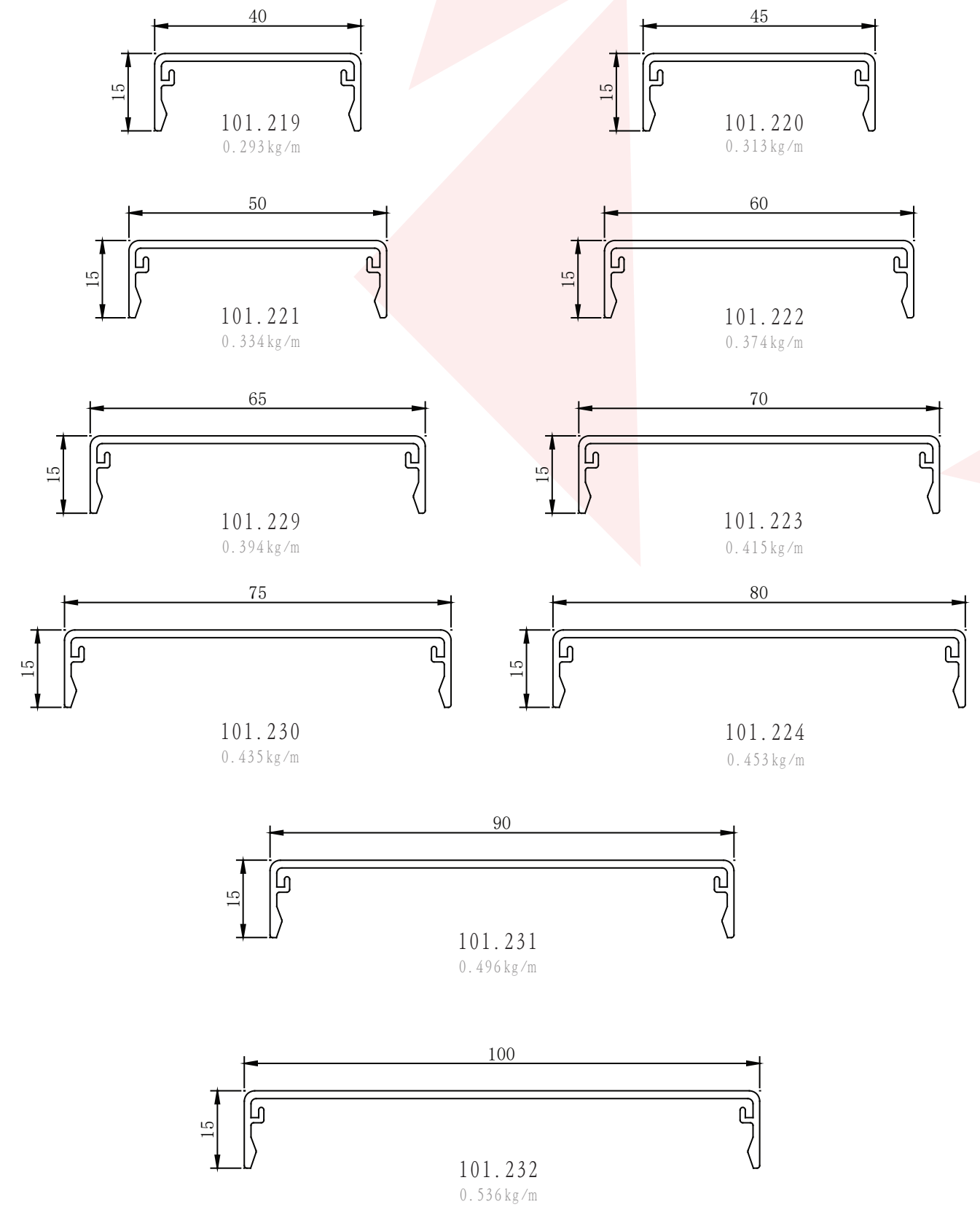
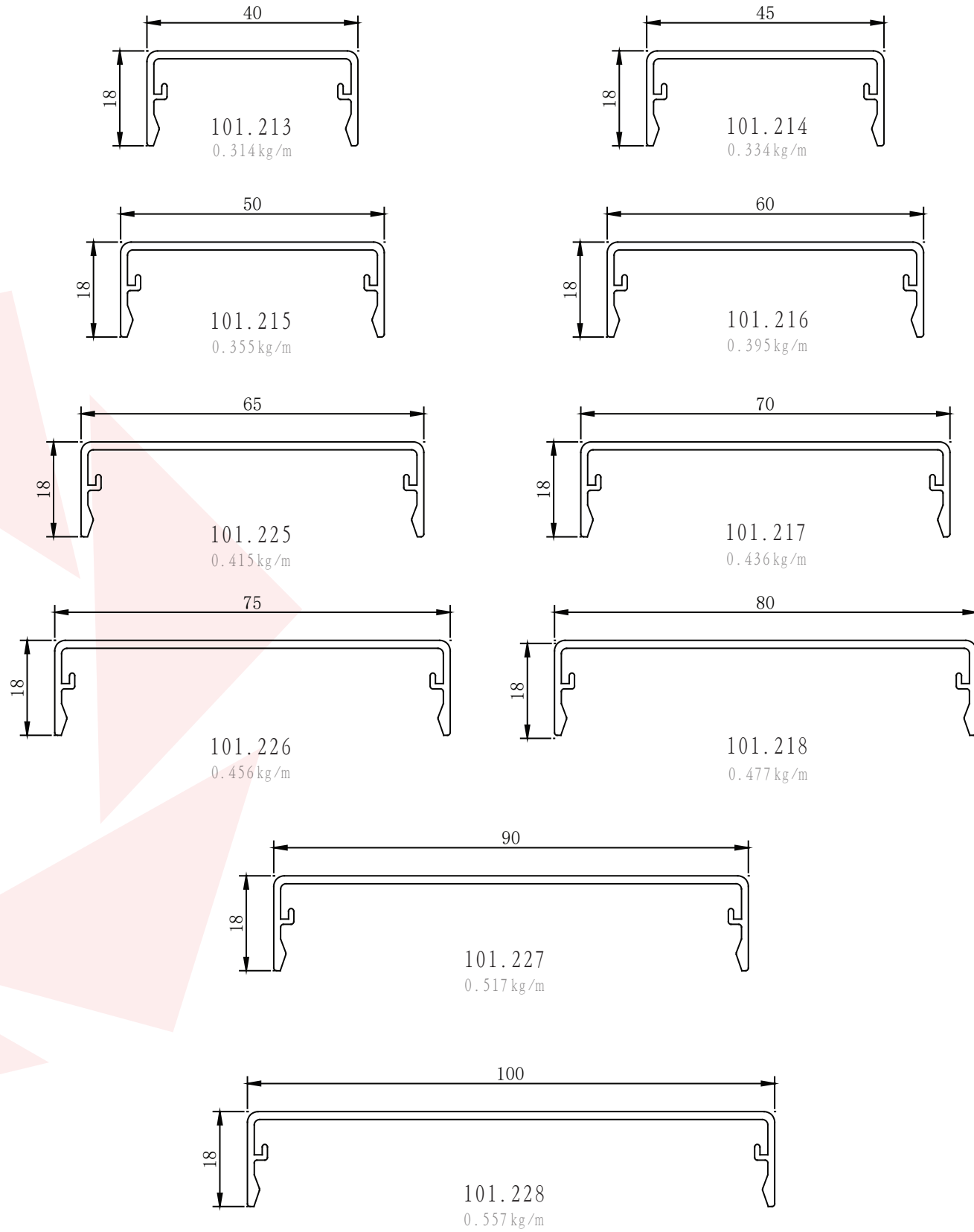
玻璃压板

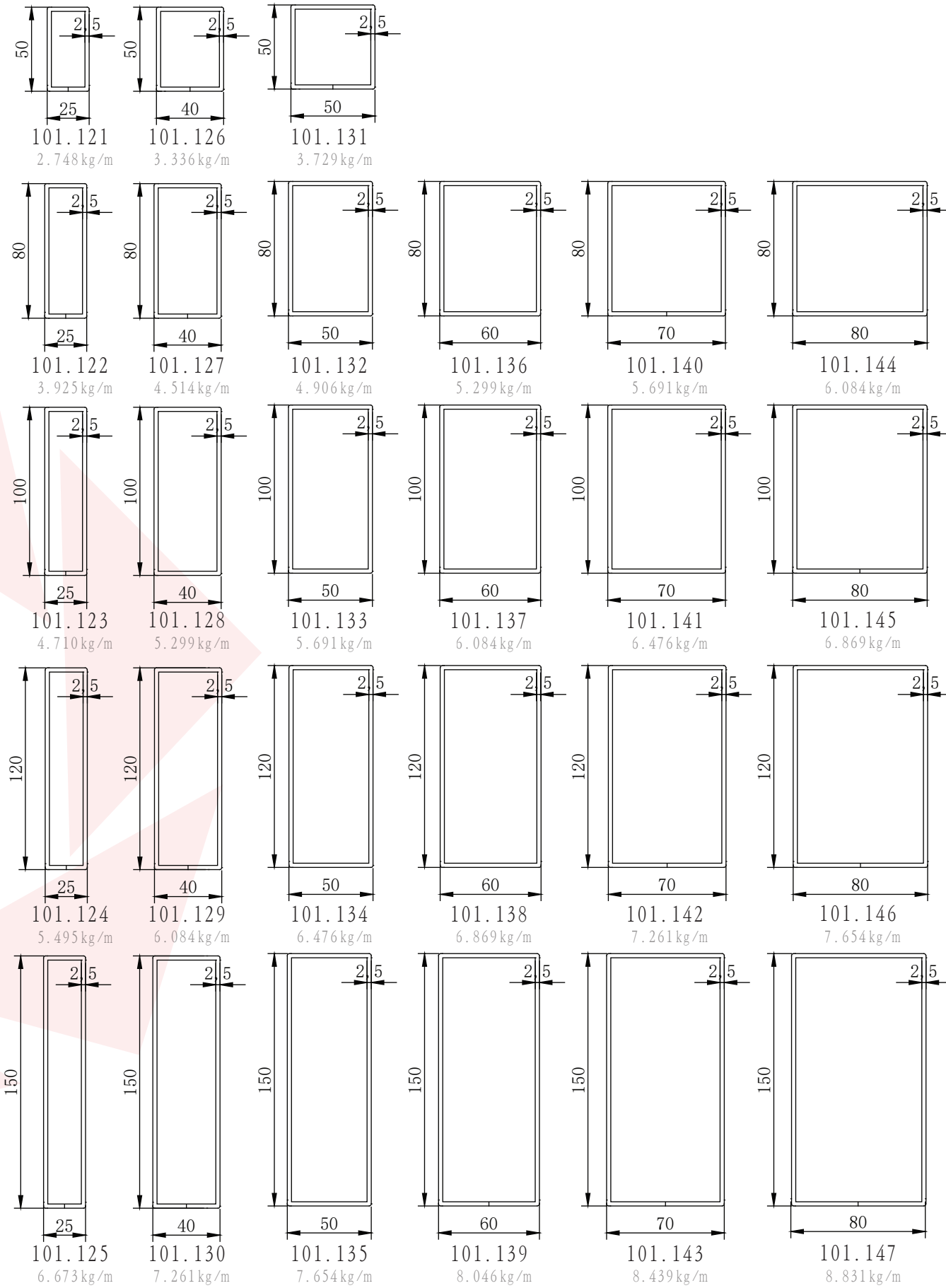
Glas Pressure Plate



面板

Aluminum Plate





玻外密封条(阻燃+膨胀)

Outside Gasket

位置: 叠加条与玻璃间
Location: Between superimposed bar and glass

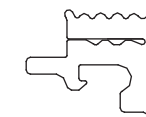


301.303

玻内密封条(阻燃+膨胀)

Inside Gasket

位置: 35叠加条(101.101)与玻璃间
Location: Between 35mm superimposed bar and glass

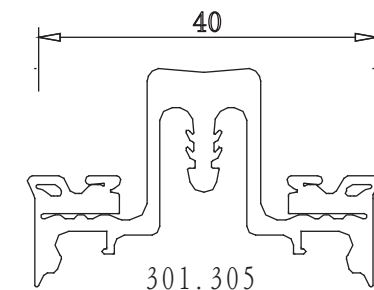


301.304

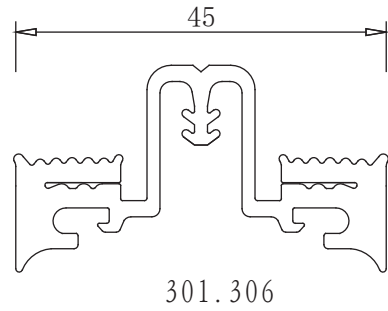
40mm玻内密封条 (阻燃+膨胀)

40mm Inside Gasket

位置: 35叠加条(101.101)与玻璃间
Location: Between 35mm superimposed bar and glass



301.305

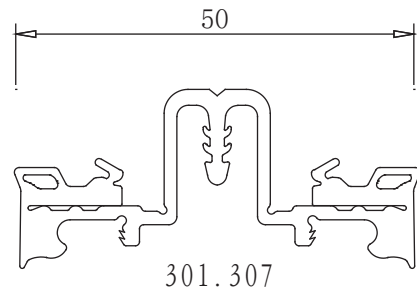


45mm玻内密封条 (阻燃+膨胀)

45mm Inside Gasket

位置: 35叠加条(101.101)与玻璃间
Location: Between 35mm superimposed bar and glass

301.306

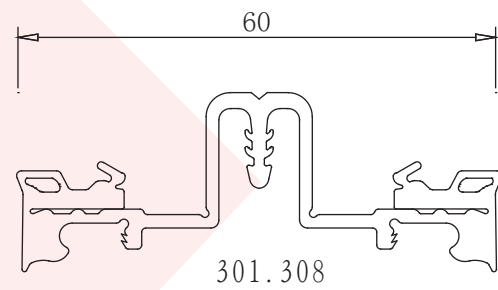


50mm玻内密封条(阻燃+膨胀)

50mm Inside Gasket

位置: 40叠加条(101.102)与玻璃间
Location: Between 40mm superimposed bar and glass

301.307

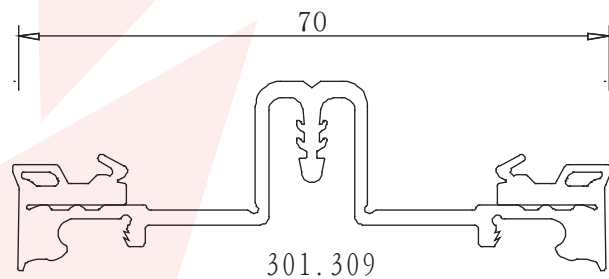


60mm玻内密封条(阻燃+膨胀)

60mm Inside Gasket

位置: 50叠加条(101.103)与玻璃间
Location: Between 50mm superimposed bar and glass

301.308

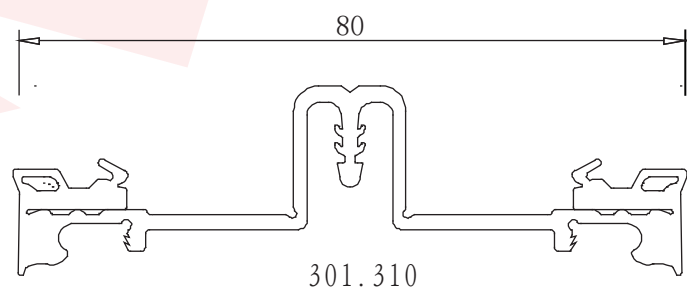


70mm玻内密封条(阻燃+膨胀)

70mm Inside Gasket

位置: 60叠加条(101.104)与玻璃间
Location: Between 60mm superimposed bar and glass

301.309

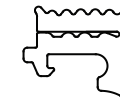


80mm玻内密封条(阻燃+膨胀)

80mm Inside Gasket

位置: 70叠加条(101.105)与玻璃间
Location: Between 70mm superimposed bar and glass

301.310

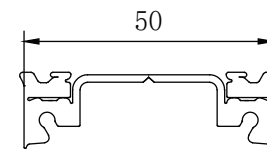


叠加玻内密封条 (阻燃+膨胀)

Superimposed Inside Gasket

位置: 40-70叠加条与玻璃间
Location: Between 40-70mm superimposed bar and glass

301.312

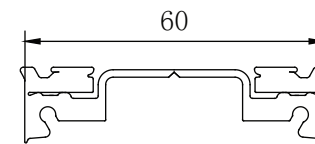


50mm加强叠加玻内密封条 (阻燃)

50mm Enhanced Superimposed Inside Gasket

位置: 叠加条(101.112)与玻璃间
Location: Between superimposed bar and glass

301.311

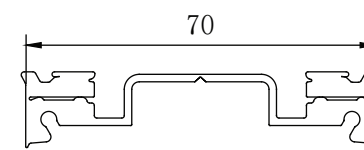


60mm加强叠加玻内密封条(阻燃)

60mm Enhanced Superimposed Inside Gasket

位置: 叠加条(101.113)与玻璃间
Location: Between superimposed bar and glass

301.313

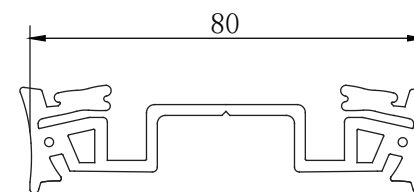


70mm加强叠加玻内密封条(阻燃)

70mm Enhanced Superimposed Inside Gasket

位置: 叠加条(101.114)与玻璃间
Location: Between superimposed bar and glass

301.314

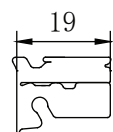


80mm加强叠加玻内密封条(阻燃)

80mm Enhanced Superimposed Inside Gasket

位置: 叠加条(101.115)与玻璃间
Location: Between superimposed bar and glass

301.315

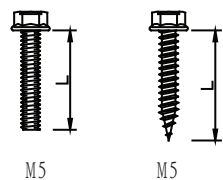


301.323

加强叠加玻内密封条

Enhanced Superimposed Inside Gasket

位置: 任意加强叠加条与玻璃间
Location: Between any superimposed bar and glass



自攻螺钉L=玻璃厚度+13mm (±2.5mm)
Self screw L=Glass thick
机制螺钉L=玻璃厚度+30mm(±2.5mm)
Machine-screw L=Glass thick

压板紧固钉 (标准件)

Pressure Plate Fasten Screw

配套叠加型材(101.101-101.105)
Used on Superimposed profile

压板与叠加条连接, 根据玻璃厚度调整螺钉规格
Pressure plate connect to superimposed bar,
Adjust screw type and size by the load and
thick of the glass.



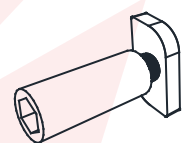
- X=10 301.110 (玻璃厚度glass thick: 15-19mm)
- X=15 301.111 (玻璃厚度glass thick: 20-24mm)
- X=20 301.112 (玻璃厚度glass thick: 25-29mm)
- X=25 301.113 (玻璃厚度glass thick: 30-34mm)
- X=30 301.114 (玻璃厚度glass thick: 35-39mm)
- X=35 301.115 (玻璃厚度glass thick: 40-44mm)
- X=40 301.116 (玻璃厚度glass thick: 45-49mm)
- X=45 301.117 (玻璃厚度glass thick: 50-54mm)
- X=50 301.118 (玻璃厚度glass thick: 55-59mm)
- X=55 301.119 (玻璃厚度glass thick: 60-64mm)

玻璃托

Glass Bracket

配套叠加型材(101.101-101.105)
Used on Superimposed profile

位置: 玻璃与叠加条
Location: Between glass and
superimposed bar
(玻璃厚度15mm以下不配玻璃托)



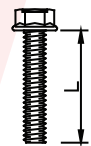
301.131

加强叠加压板紧固件

Enhanced Superimposed Pressure Plate Connector

位置: 压板与叠加条连接
Location: Connect Pressure plate and Superimposed bar

备注: 需配M6螺栓
Note: Need M6 screw bolt



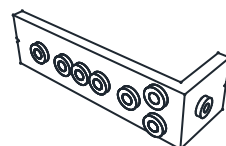
L≤玻璃厚度(公差0 ~ -4)
L≤glass thick(tolerance 0 ~ -4)

加强叠加压板紧固螺栓 (标准件)

Enhanced Superimposed Pressure Plate Fasten Screw

位置: 压板与加强叠加条之间连接
Location: Connect between pressure plate and
enhanced superimposed bar

M6机制螺栓 M6 Machine Screw



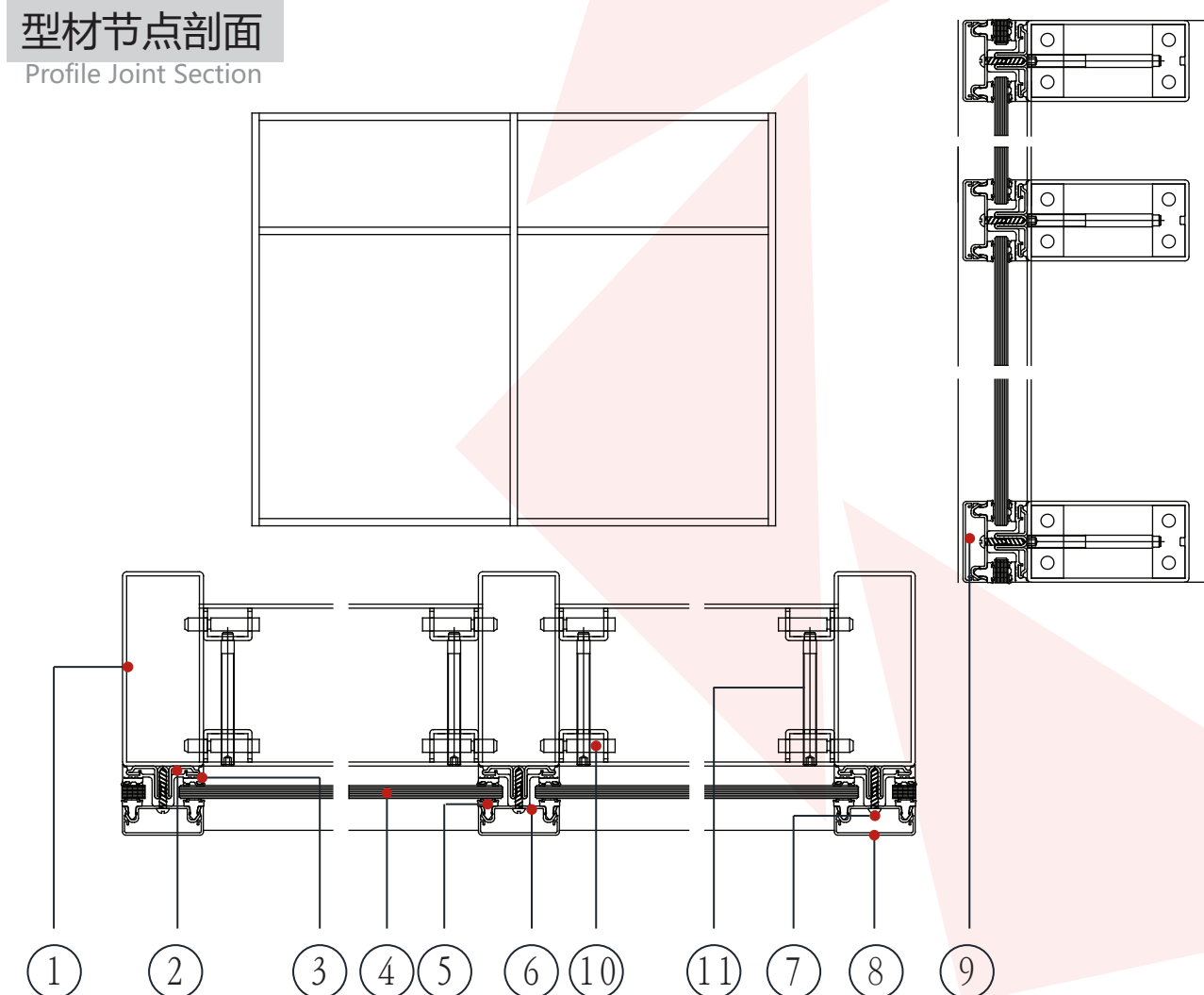
501.201

尖角矩形管打孔模具

Sharp Angle Rectangular Tube Drilling Mode

型材节点剖面

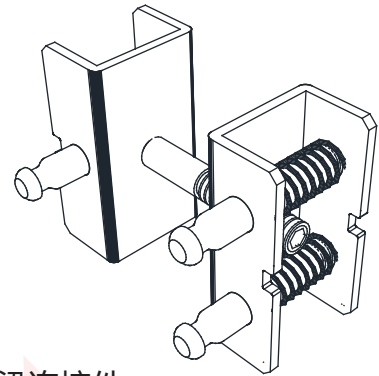
Profile Joint Section



①	101.126-101.147	尖角矩形管 Sharp Angle Rectangular Tube	⑥	101.106-101.118	钢制压板 Steel Pressure Plate
②	101.101-101.105	钢制叠加条 Steel Superimposed Bar	⑦		压板紧固钉 Pressure Plate Fasten Screw
③	301.304-301.312	玻内密封条 Inside Gasket	⑧	101.213-101.232	面板1 Aluminum Plate 1
④	6-64mm	玻璃 Glass	⑨	101.213-101.232	面板2 Aluminum Plate 2
⑤	301.303	玻外密封条 Outside Gasket	⑩	200.103-200.106	横梁连接件 Beam Connector A
			⑪	200.123-200.127	连接螺丝 Connector Screw

横梁弹簧销连接件选配对照表

Beam Spring Pin Connector Matching Table



横梁连接件

Beam Connector

位置: 用于横梁与立柱连接 (根据横梁规格搭配组合)

Location: Connect beam to column

使用工具: 内六角扳手

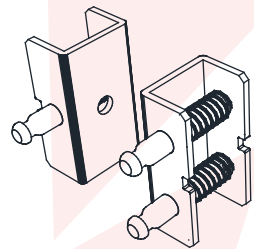
Tools: Hexagon Wrench

配套钻孔模具: 501.201

Drilling Mode: 501.201

安装方式见: 尖角方管配专用连接件安装示意

Install: With Rectangular Tubes, as showed



横梁连接件

Beam Connector

200.103

200.104

200.105

200.106

连接螺丝

Connector Screw

200.123

200.124

200.125

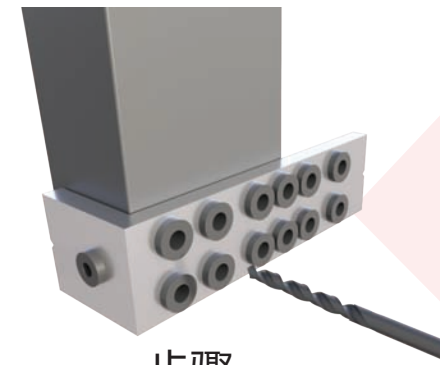
200.126

200.127

横梁编号 Beam No.	横梁规格 Beam Size Beam	横梁连接件 Connector	连接螺丝 Connector Screw
101.131	50*50*2.5	200.103	200.123
101.132	50*80*2.5	200.103	200.124
101.133	50*100*2.5	200.103	200.125
101.134	50*120*2.5	200.103	200.126
101.135	50*150*2.5	200.103	200.127
101.136	60*80*2.5	200.104	200.124
101.137	60*100*2.5	200.104	200.125
101.138	60*120*2.5	200.104	200.126
101.139	60*150*2.5	200.104	200.127
101.140	70*80*2.5	200.105	200.124
101.141	70*100*2.5	200.105	200.125
101.142	70*120*2.5	200.105	200.126
101.143	70*150*2.5	200.105	200.127
101.144	80*80*2.5	200.106	200.124
101.145	80*100*2.5	200.106	200.125
101.146	80*120*2.5	200.106	200.126
101.147	80*150*2.5	200.106	200.127

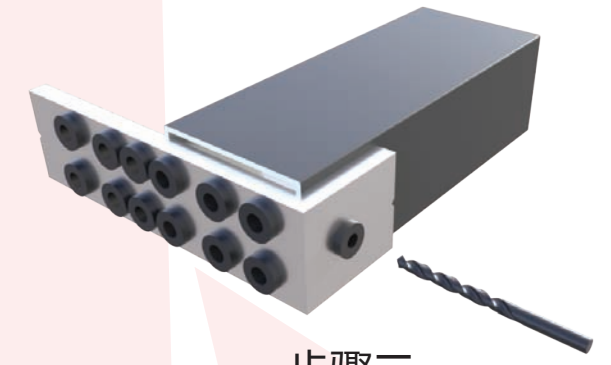
横梁弹簧销连接件安装示意

Beam Spring Pin Connector Installation Instruction



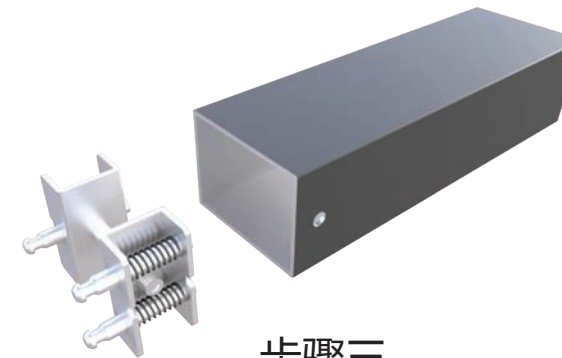
步骤一

Step 1



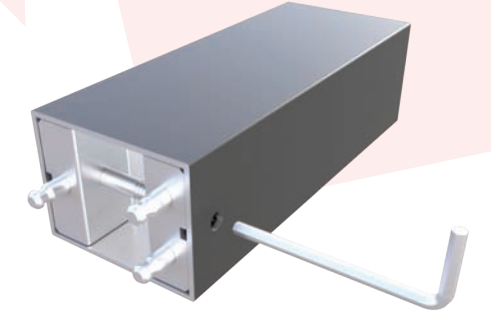
步骤二

Step 2



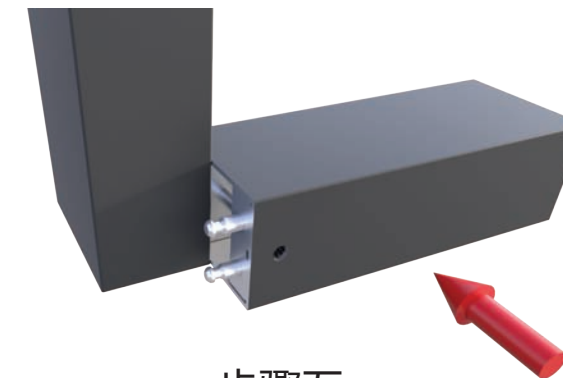
步骤三

Step 3



步骤四

Step 4



步骤五

Step 5



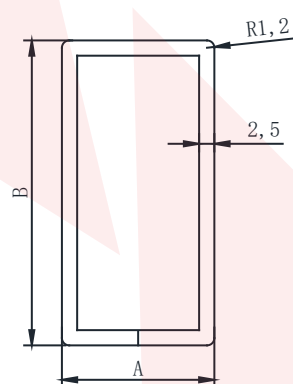
步骤六

Step 6

尖角矩形管参数

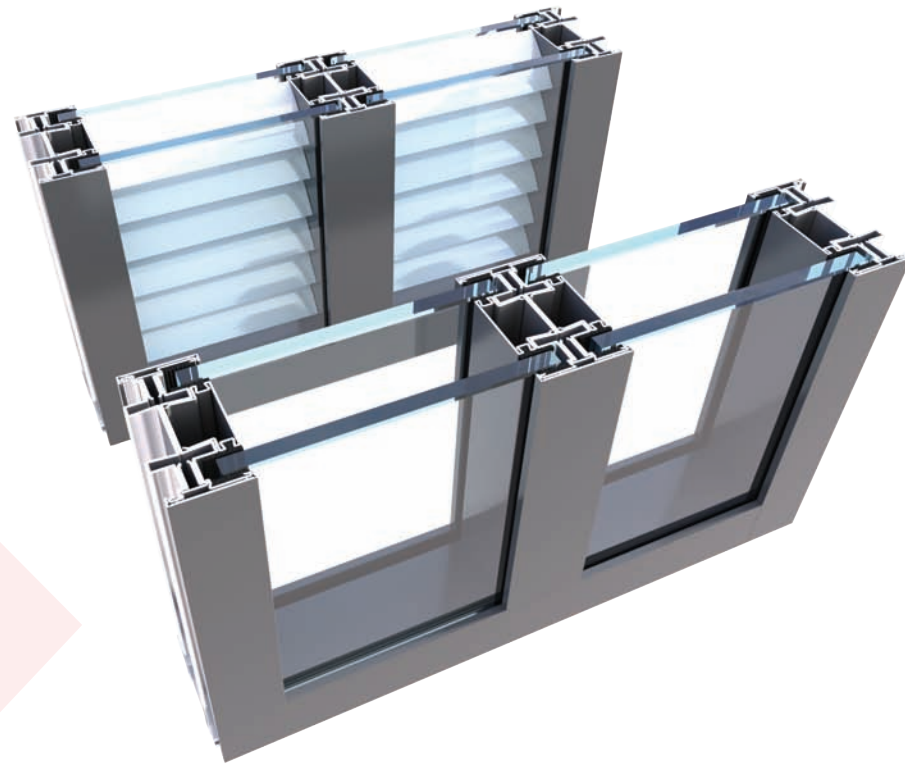
Sharp Angle Rectangular Tubes Specification

No. 编号	米重 Weight kg/m	A尺寸 Size A mm	B尺寸 Size B mm	X轴 惯性矩 X-axis Inertia cm ⁴	Y轴 惯性矩 Y-axis Inertia cm ⁴	X轴 抗弯距 X-axis Bending cm ³	Y轴 抗弯距 Y-axis Bending cm ³	X轴 面积距 X-axis area cm ³	Y轴 面积距 Y-axis area cm ³	截面积 Sectional Area cm ²
101.121	2.748	25	50	10.779	3.492	4.311	2.794	2.735	1.649	3.488
101.122	3.925	25	80	36.159	5.398	9.040	4.319	5.913	2.492	4.988
101.123	4.710	25	100	65.132	6.669	13.026	5.335	8.657	3.055	5.988
101.124	5.495	25	120	106.080	7.940	17.680	6.352	11.901	3.617	6.988
101.125	6.673	25	150	194.330	9.846	25.911	7.877	17.704	4.461	8.488
101.126	3.336	40	50	15.013	10.540	6.005	5.270	3.625	3.097	4.238
101.127	4.514	40	80	47.425	15.822	11.856	7.911	7.366	4.503	5.738
101.128	5.299	40	100	82.960	19.342	16.592	9.671	10.458	5.441	6.738
101.129	6.084	40	120	131.970	22.863	21.995	11.432	14.104	6.378	7.738
101.130	7.261	40	150	235.127	28.145	31.35	14.072	20.469	7.785	9.238
101.131	3.729	50	50	17.836	17.836	7.134	7.134	4.219	4.219	4.738
101.132	4.906	50	80	54.935	26.305	13.734	10.522	8.335	6.000	6.238
101.133	5.691	50	100	94.845	31.950	18.969	12.78	11.704	7.188	7.238
101.134	6.476	50	120	149.231	37.596	24.872	15.039	15.572	8.375	8.238
101.135	7.654	50	150	262.325	46.065	34.977	18.426	22.313	10.157	9.738
101.136	5.299	60	80	62.445	39.906	15.611	13.302	9.304	7.622	6.738
101.137	6.084	60	100	106.731	48.177	21.346	16.059	12.922	9.060	7.738
101.138	6.869	60	120	166.491	56.448	27.749	18.816	17.041	10.497	8.738
101.139	8.046	60	150	289.523	68.854	38.603	22.951	24.157	12.653	10.238
101.140	5.691	70	80	69.956	56.877	17.489	16.251	10.272	9.369	7.238
101.141	6.476	70	100	118.616	68.273	23.723	19.507	14.141	11.057	8.238
101.142	7.261	70	120	183.752	79.669	30.625	22.762	18.510	12.744	9.238
101.143	8.439	70	150	316.721	96.762	42.299	27.646	26.001	15.275	10.738
101.144	6.084	80	80	77.466	77.466	19.367	19.367	11.241	11.241	7.738
101.145	6.869	80	100	130.502	92.487	26.100	23.122	15.360	13.179	8.738
101.146	7.654	80	120	201.012	107.508	33.502	26.877	19.979	15.116	9.738
101.147	8.831	80	150	343.919	130.039	45.856	32.510	27.844	18.022	11.238



双玻防火隔断系统

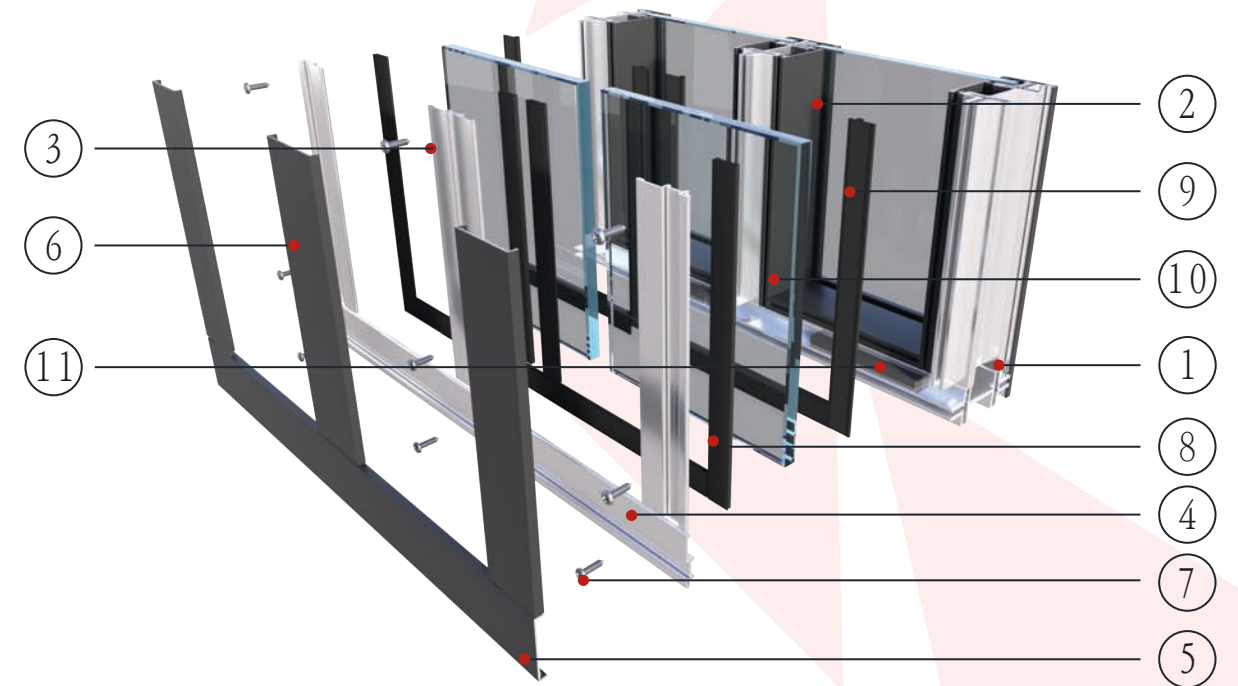
Double Glazed Fire Resistance Partition System



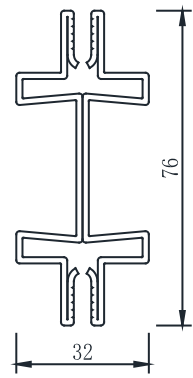
IPR5386双玻防火隔断系统，适用于写字楼、商场、银行、博物馆、医院、实验室、机房等室内场所，可内置百叶增加隔断的私密性。

使用装饰面板可作为室内隔墙。一支主龙骨加一件定位连接角码贯通全部节点，装配简单快捷。

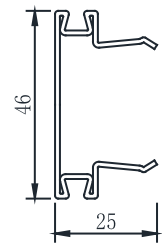
IPR 5386 Double Glazed Fire Resistance Partition System, can be apply to office building, mall, bank, musuem, hospital, laboratory, computer room etc. The system is able to install blinders in the middle to improve privacy. The system can be used as interior partition by adding decoration plate on the surface. A keel with corner brace connector fits for all joint, easy to assemle.



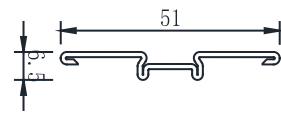
①	102.101 隔断龙骨 Partition Keel	⑦	202.101 专用螺钉 Special Screw
②	102.102 隔断侧盖板 Partition Side Plate	⑧	302.301 玻外密封条 Outside Gasket
③	102.103 中挺压板 Mid Frame Pressure Plate	⑨	302.302-302.305 玻内密封条 Inside Gasket
④	102.104 边框压板 Side Frame Pressure Plate	⑩	6, 8, 10, 12, 25mm 玻璃 Glass
⑤	102.205 边框面板 Side Frame Aluminum Plate	⑪	302.502-302.506 玻璃垫块 Glass Bracket
⑥	102.206 中挺面板 Mid Frame Aluminum Plate		



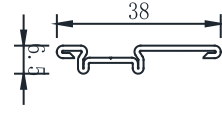
102.101
3.580kg/m



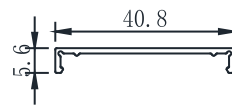
102.102
1.215kg/m



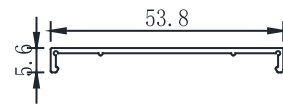
102.103
0.707kg/m



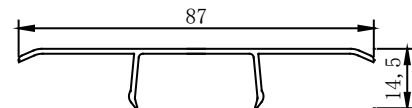
102.104
0.584kg/m



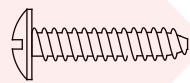
102.205
0.163kg/m



102.206
0.205kg/m



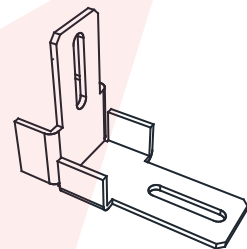
102.207
0.37kg/m



202.101

专用螺钉

Special Screw
压板与龙骨链接
Connect pressure plate with keel



202.102

立柱连接定位角码

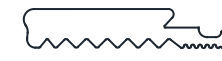
Column Corner Brace Connector
立柱与横梁定位连接
Connect column and beam
配4.2*19盘头螺丝
with 4.2*19 pan head screw



202.103

挂板连接件

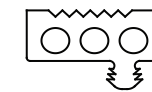
Decoration Plate Connector
链接饰面板与龙骨 (室内隔墙)
Connect decoration plate with keel (Interior Partition)



302.301

玻外密封条(阻燃+膨胀)

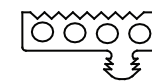
Outside Gasket
位置: 玻外两面压板
Location: Between glass and pressure plate



302.302

6mm玻内密封条(阻燃+膨胀)

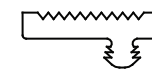
6mm Inside Gasket
位置: 玻内两面侧盖板
Location: Between glass and side plate



302.303

8mm玻内密封条(阻燃+膨胀)

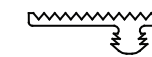
8mm Inside Gasket
位置: 玻内两面侧盖板
Location: Between glass and side plate



302.304

10mm玻内密封条(阻燃+膨胀)

10mm Inside Gasket
位置: 玻内两面侧盖板
Location: Between glass and side plate



302.305

12mm玻内密封条(阻燃+膨胀)

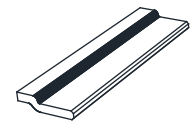
12mm Inside Gasket
位置: 玻内两面侧盖板
Location: Between glass and side plate



302.309

膨胀密封条

Expanding Seal Gasket
位置: 龙骨与玻璃
Location: Between Keel and glass
规格: 12*2mm
Size: 12*2mm



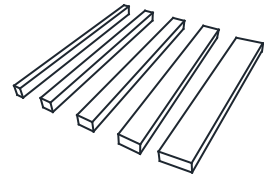
301.110

玻璃托板

Glass Bracket

位置: 玻璃与龙骨
Location: Between glass and keel

使用25mm玻璃时使用
matches 25mm glass



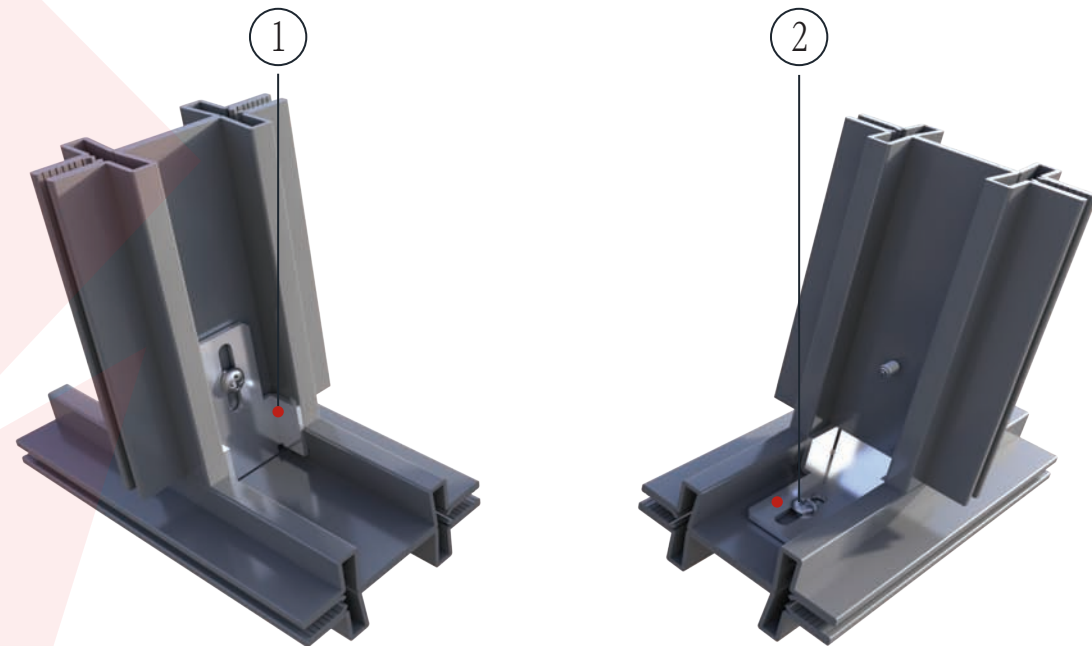
玻璃垫块

Glass Pad

位置: 玻璃与龙骨

6mm玻璃配302.502(规格4*5*100mm)	6mm glass 302.502(size 4*5*100mm)
8mm玻璃配302.503(规格6*5*100mm)	8mm glass 302.503(size 6*5*100mm)
10mm玻璃配302.504(规格8*5*100mm)	10mm glass 302.504(size 8*5*100mm)
12mm玻璃配302.505(规格10*5*100mm)	12mm glass 302.505(size 10*5*100mm)
25mm玻璃配302.506(规格20*5*100mm)	25mm glass 302.506(size 20*5*100mm)

Location: Between glass and keel

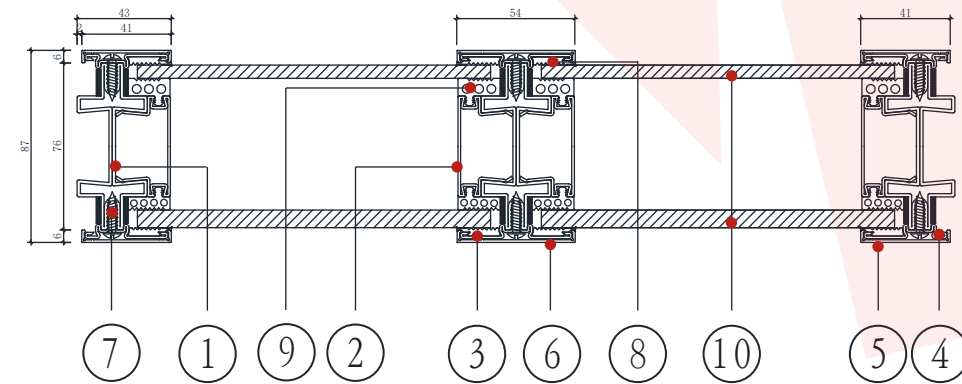
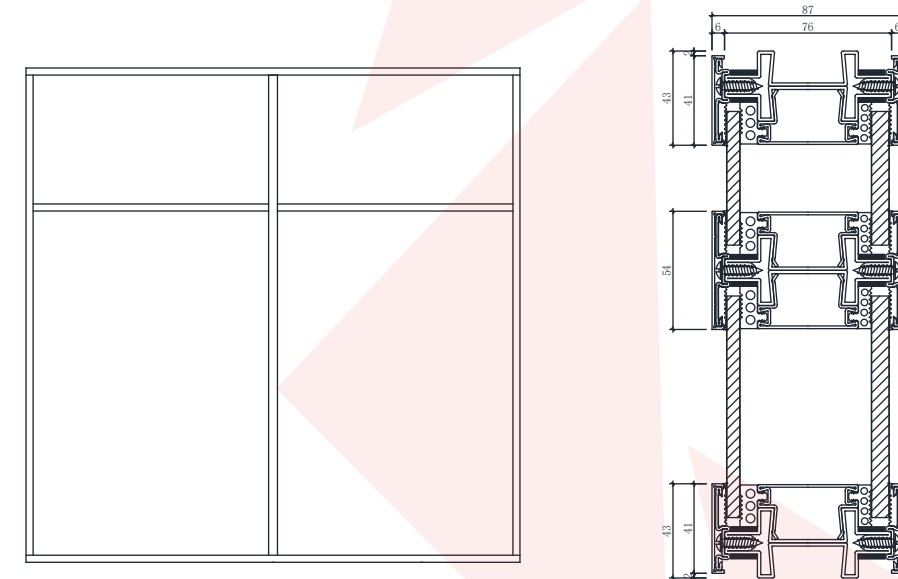


① 202.102 立柱连接定位角码
Column Connection Corner Brace

② 标准件 4.2*19盘头自攻自钻螺丝
Standard Piece Pan Head Self Screw

隔断节点

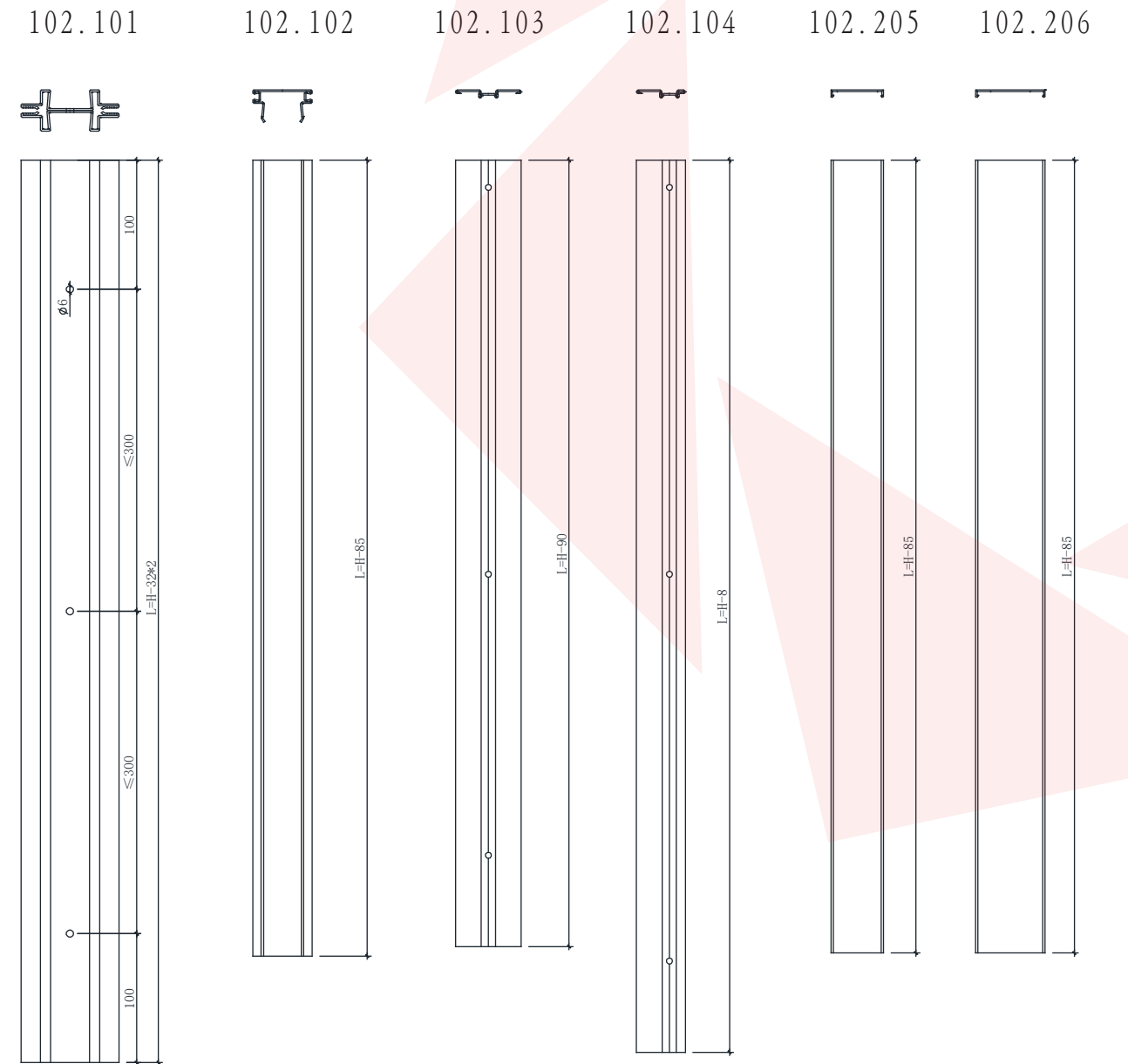
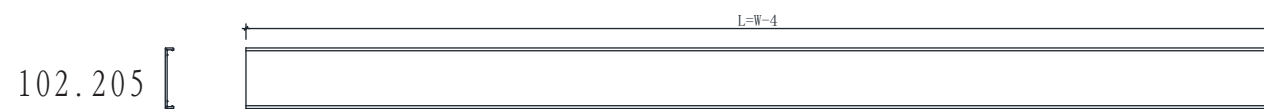
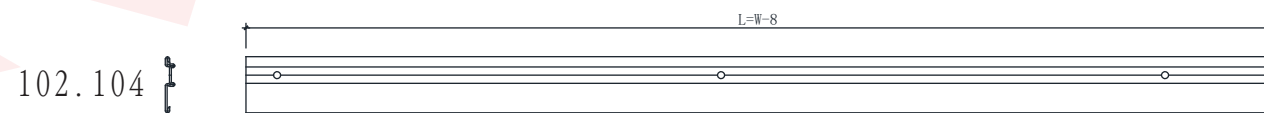
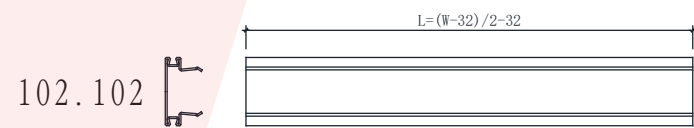
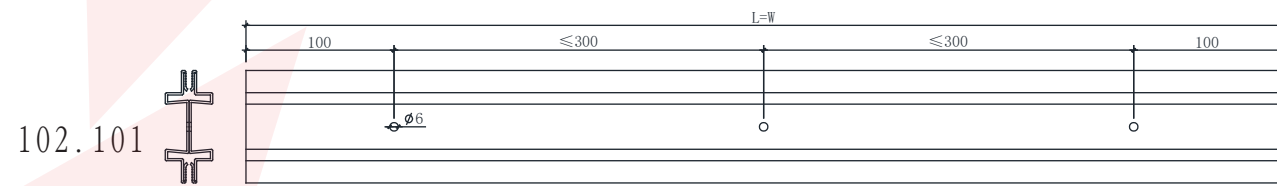
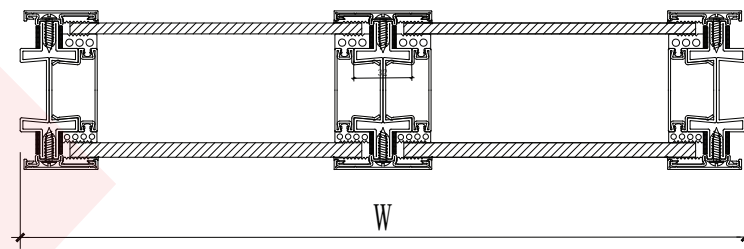
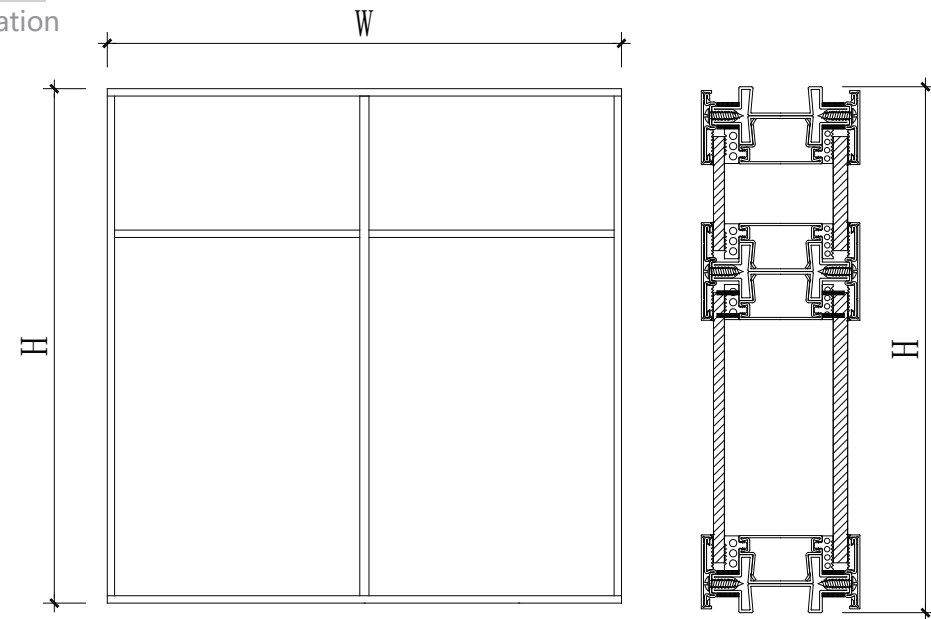
Partition Joint



- | | |
|---|-------------------------------------|
| ① 102.101 隔断龙骨
Partition Keel | ⑧ 302.301 玻外密封条
Outside Gasket |
| ② 102.102 隔断侧盖板
Partition Side Plate | ⑨ 302.302 6mm玻内密封条
Inside Gasket |
| ③ 102.103 中挺压板
Mid Frame Pressure Plate | 302.303 8mm玻内密封条
Inside Gasket |
| ④ 102.104 边框压板
Side Frame Pressure Plate | 302.304 10mm玻内密封条
Inside Gasket |
| ⑤ 102.205 边框面板
Side Frame Aluminum Plate | 302.305 12mm玻内密封条
Inside Gasket |
| ⑥ 102.206 中挺面板
Mid Frame Aluminum Plate | ⑩ 玻璃
Glass |
| ⑦ 202.101 专用螺钉
Special Screw | |

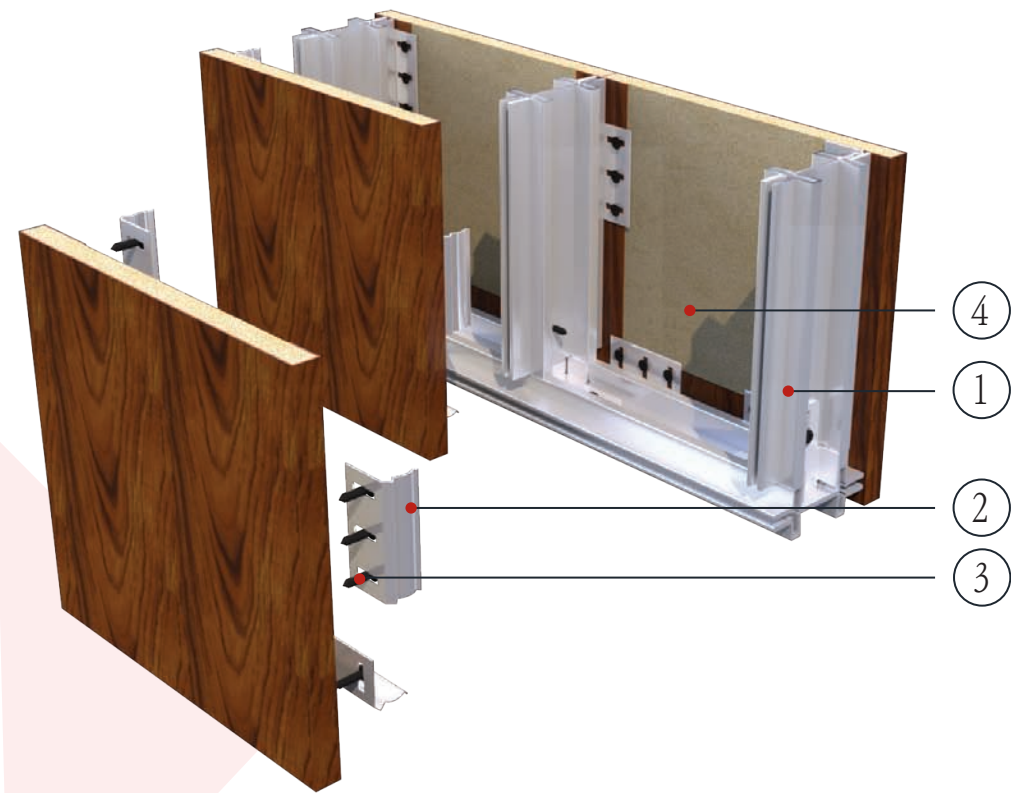
型材计算

Profile Calculation



隔断挂板

Partition Hanging Plate



① 102.101 隔断龙骨
Partition Keel

② 202.103 装饰面板链接件
Decorational Plate Connector

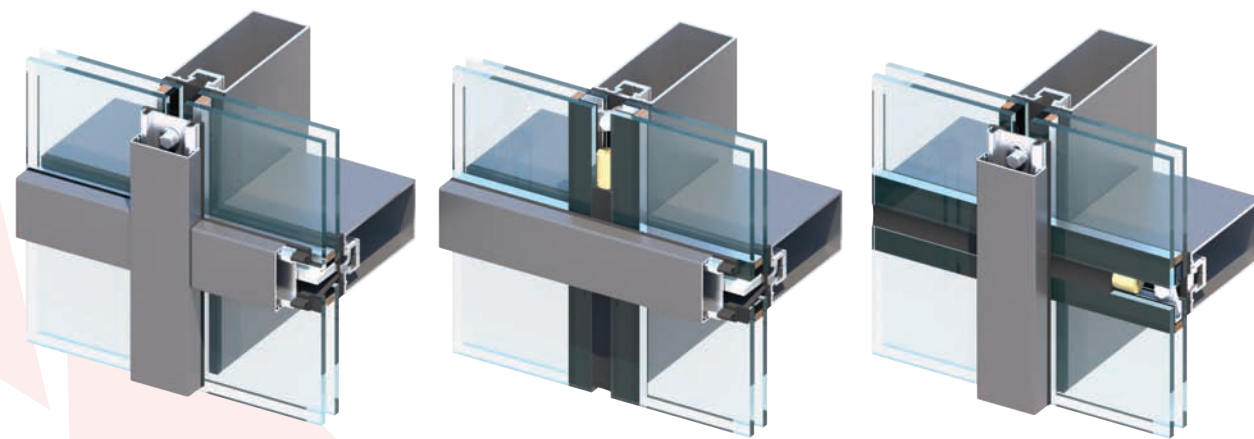
③ 标准件 M3.9mm木螺丝
Standard Piece M3.9mm Wood Screw

④ 装饰面板
Decorational Plate



幕墙系统

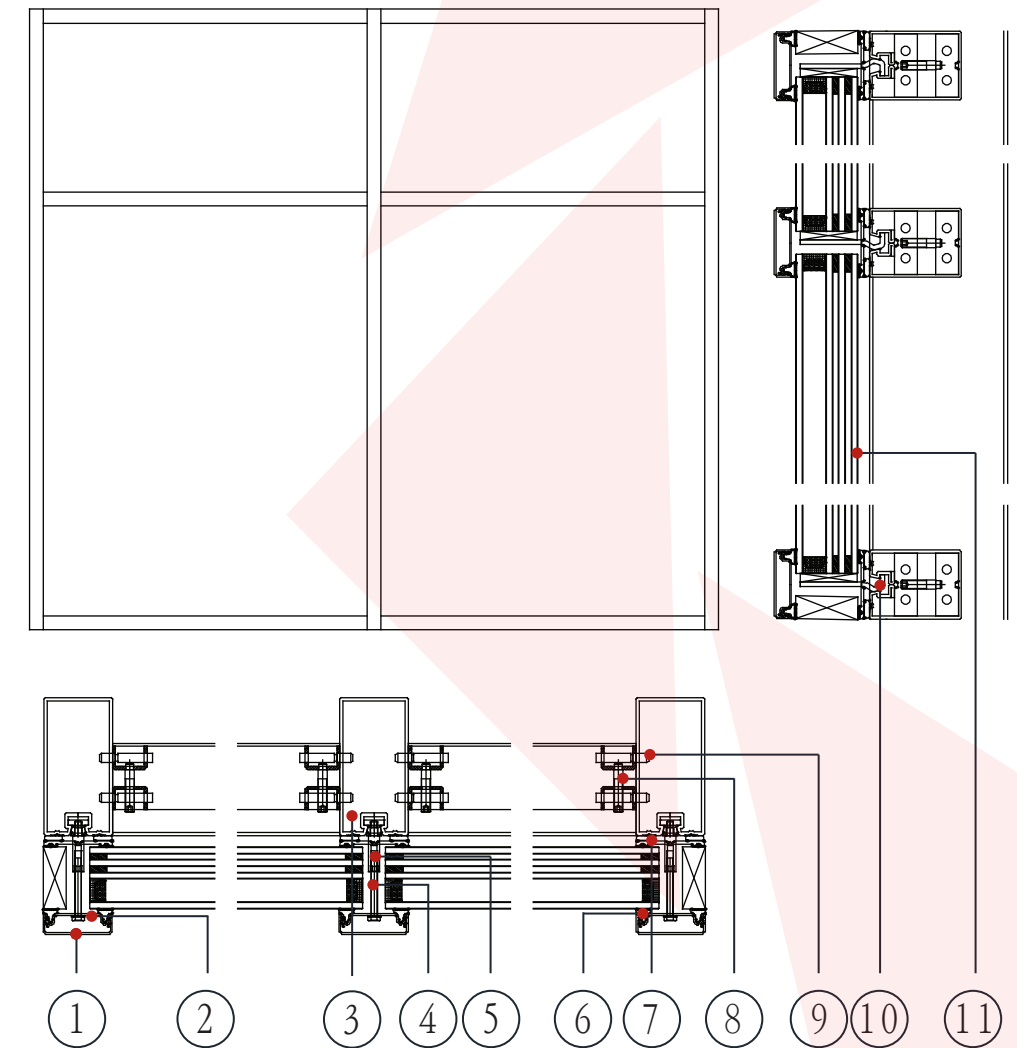
Curtain Wall System



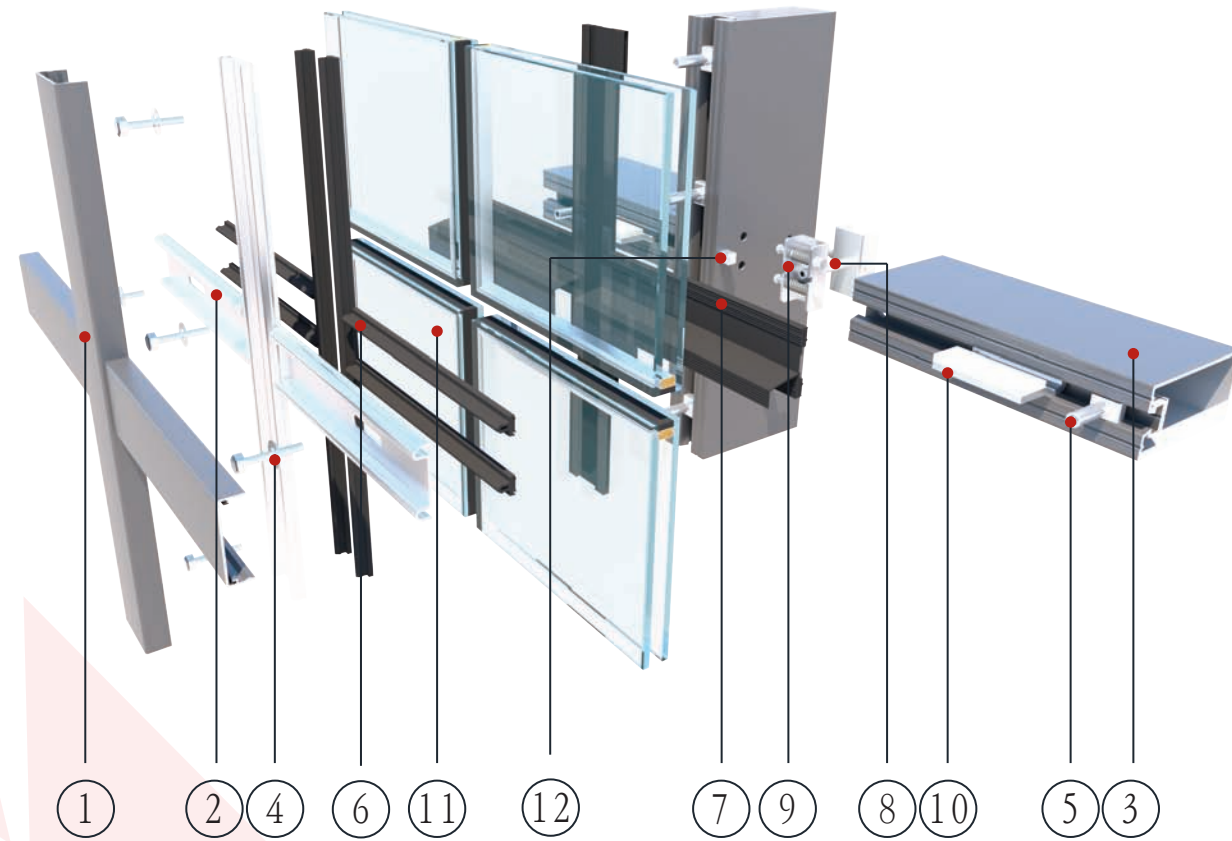
IPR幕墙系统可视面从45mm至100mm,结构深度50mm至280mm。能够满足各种应用功能。采用通用五金件减少安装配件种类。采用抗位移弹簧销和隐形角码两种连接方式,使得安装更加科学。

2.5mm和3.0mm两种壁厚46个规格可满足室内、室外各种形式幕墙的设计需求。

IPR Curtain Wall System visible phase size from 45mm-100mm, structure depth from 50mm-280mm. The system can meet a variety of application functions, also adopts general standard hardware to reduce accessories type. It adopts two connection methods of anti-displacement spring pin and invisible corner code, which makes the installation more scientific. The two type of material thickness 2.5mm and 3.0mm with 46 specifications can meet either indoor and outdoor curtain wall design demands.



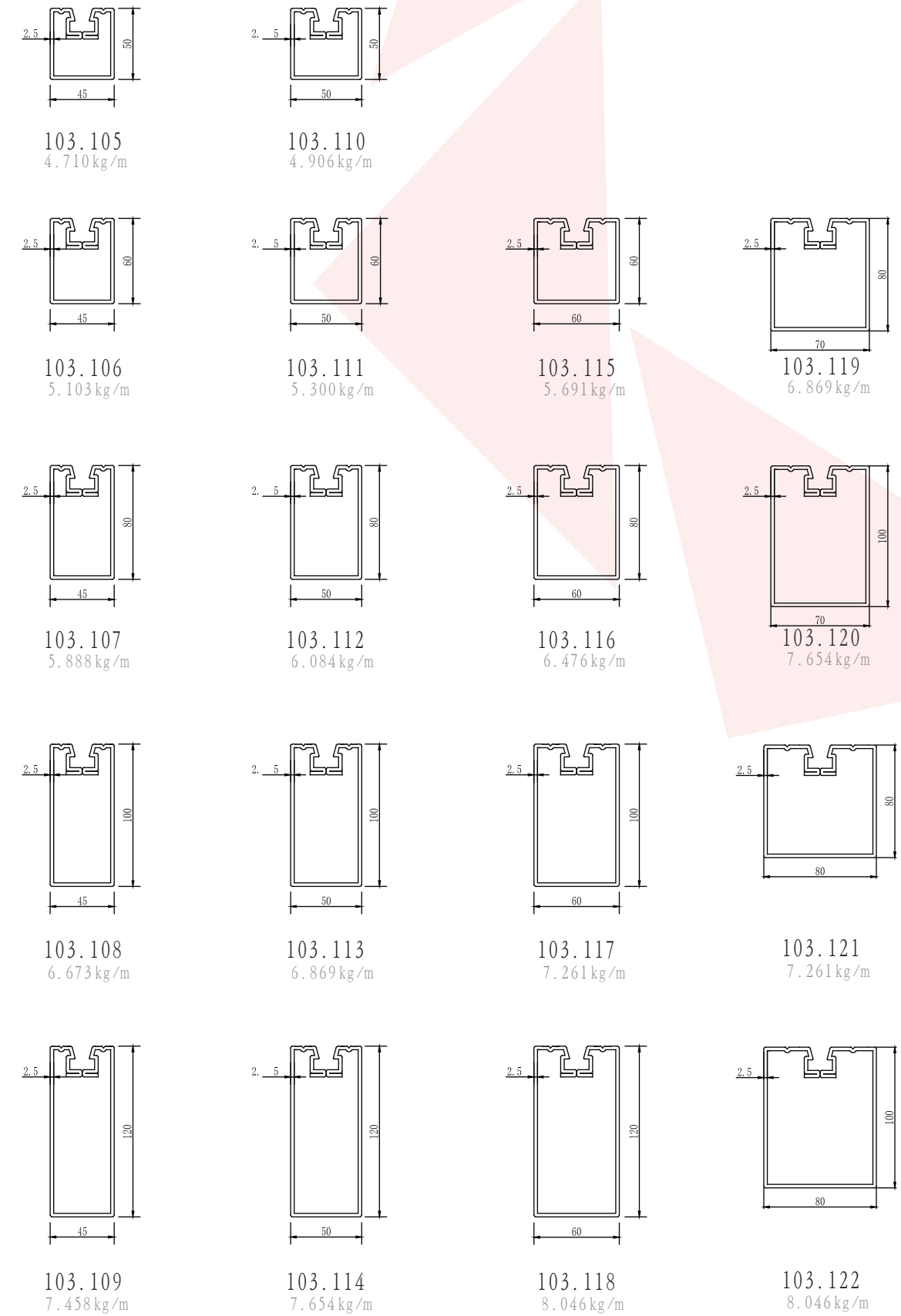
①	101.214-101.234	装饰面板 Aluminum Cover Caps
②	101.107-101.116	钢制压板 Steel Pressure Plate
③	103.101-103.161	钢制幕墙龙骨型材 Steel Curtain Wall Keel Profile
④	M6*15-80mm	压板紧固螺栓 Pressure Plate Fasten Screw
⑤	303.120-303.121	组合螺母 Combination Nut
⑥	301.303	玻外胶条 Outside Insulatorst
⑦	303.302-303.327	玻内胶条 Inside Seals
⑧	200.121-200.127	弹簧销顶丝 Spring Pin Top Screw
⑨	200.102-200.110	抗位移弹簧销 Anti-displacement Spring Pin
⑩	303.100-303.111	玻璃托 Glass Bracket
⑪	5mm-75mm	玻璃 Glass



①	101.214-101.234	装饰面板 Aluminum Cover Caps
②	101.107-101.116	钢制压板 Steel Pressure Plate
③	103.101-103.161	钢制幕墙龙骨型材 Steel Curtain Wall Keel Profile
④	M6*15-80mm	压板紧固螺栓 Pressure Plate Fasten Screw
⑤	303.120-303.121	组合螺母 Combination Nut
⑥	301.303	玻外胶条 Outside Insulatorstt
⑦	303.302-303.327	玻内胶条 Inside Seals
⑧	200.121-200.127	弹簧销顶丝 Spring Pin Top Screw
⑨	200.102-200.110	抗位移弹簧销 Anti-displacement Spring Pin
⑩	303.100-303.111	玻璃托 Glass Bracket
⑪	5mm-75mm	玻璃 Glass
⑫	303.141	支撑螺丝 Supporting Screw

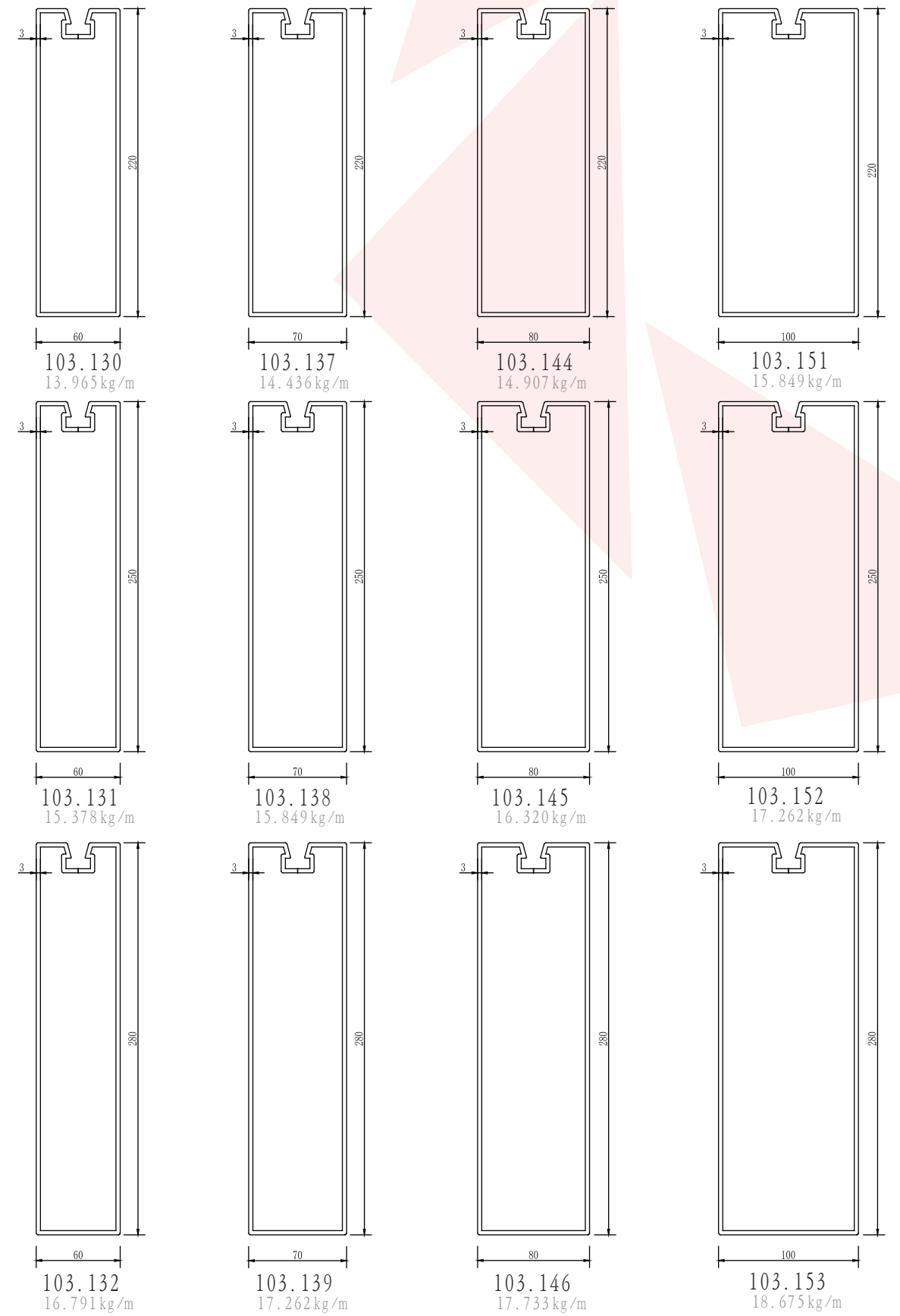
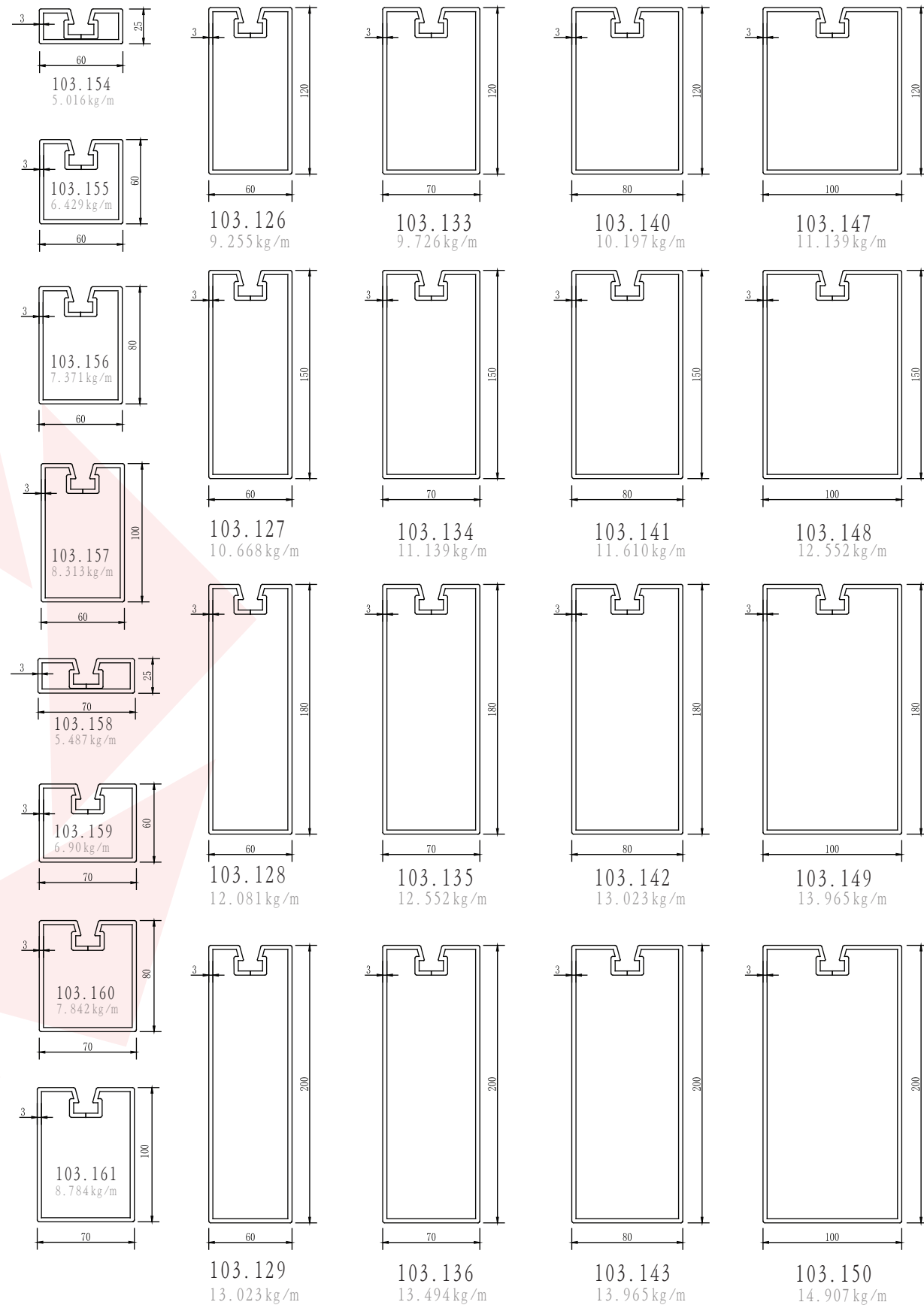
2.5mm幕墙型材

2.5mm Curtain Wall Profile



3.0mm幕墙型材

3.0mm Curtain Wall Profile



幕墙型材参数

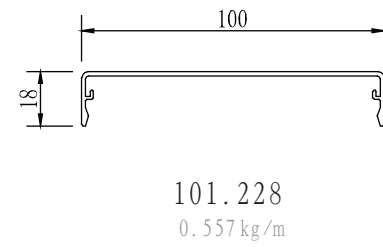
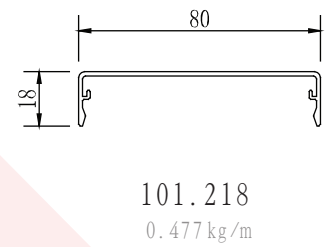
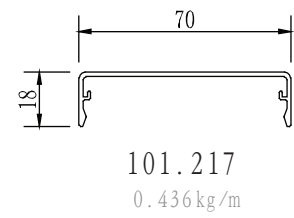
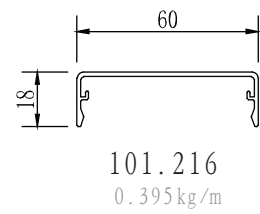
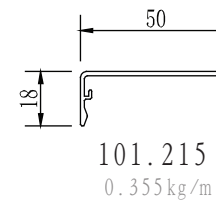
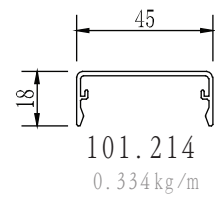
Specification

编号 No.	米重 Weight kg/m	A尺寸 Size A mm	B尺寸 Size B mm	X轴 惯性矩 X-axis Interia cm ⁴	Y轴 惯性矩 Y-axis Interia cm ⁴	X轴 上抗弯距 X-axis Upper Bending cm ³	X轴 下抗弯距 X-axis Boorom Bending cm ³	Y轴 上抗弯距 Y-axis Upper Bending cm ³	Y轴 下抗弯距 Y-axis Boorom Bending cm ³	X轴 面积距 X-axis Area cm ³	Y轴 面积距 Y-axis Sectional Area cm ³	截面积 Y-axis Area cm ²	型材壁厚 Profile Material Thickness mm
103.105	4.710	45	50	17.134	15.135	7.501	6.309	6.727	6.727	4.418	4.320	6.178	2.5
103.106	5.103	45	60	27.475	17.396	10.276	8.260	7.732	7.732	5.947	4.851	6.678	2.5
103.107	5.888	45	80	58.031	21.917	16.599	12.885	9.741	9.741	9.423	5.914	7.678	2.5
103.108	6.673	45	100	103.571	26.437	23.758	18.362	11.75	11.75	13.435	6.976	8.678	2.5
103.109	7.458	45	120	166.209	30.958	31.653	24.627	13.759	13.759	17.970	8.039	9.678	2.5
103.110	4.906	50	50	18.556	19.085	8.094	6.854	7.634	7.634	4.721	4.900	6.428	2.5
103.111	5.300	50	60	29.568	21.908	11.010	8.921	8.763	8.763	6.314	5.494	6.928	2.5
103.112	6.084	50	80	61.848	27.554	17.611	13.781	11.022	11.022	9.916	6.681	7.928	2.5
103.113	6.869	50	100	109.613	33.200	25.041	19.495	13.280	13.280	14.054	7.869	8.928	2.5
103.114	7.654	50	120	174.976	38.845	33.204	25.998	15.538	15.538	18.713	9.056	9.928	2.5
103.115	5.691	60	60	33.750	32.933	12.469	10.248	10.978	10.978	7.048	6.873	7.428	2.5
103.116	6.476	60	80	69.471	41.204	19.619	15.580	13.735	13.735	10.903	8.310	8.428	2.5
103.117	7.261	60	100	121.682	49.474	27.590	21.769	16.492	16.492	15.291	9.748	7.842	2.5
103.118	8.046	60	120	192.490	57.745	36.286	28.750	19.249	19.249	20.199	11.185	10.428	2.5
103.119	6.869	70	80	77.080	58.227	21.612	17.386	16.636	16.636	11.888	10.064	8.928	2.5
103.120	7.654	70	100	133.733	69.623	30.120	24.053	19.892	19.892	16.526	11.751	9.928	2.5
103.121	7.261	80	80	84.680	78.879	23.590	19.200	19.720	19.720	12.871	11.943	9.428	2.5
103.122	8.046	80	100	145.767	93.899	32.633	26.345	23.475	23.475	17.760	13.880	10.428	2.5
103.154	5.016	60	25	4.712	21.283	3.415	4.205	7.094	7.094	2.460	4.988	6.182	3.0
103.155	6.429	60	60	38.423	38.356	13.775	11.968	12.785	12.785	8.031	7.980	8.282	3.0
103.156	7.371	60	80	79.076	48.112	21.590	18.232	16.037	16.037	12.401	9.690	9.482	3.0
103.157	8.313	60	100	138.457	57.868	30.334	25.472	19.289	19.289	17.393	11.400	10.682	3.0
103.126	9.255	60	120	218.092	67.494	39.613	33.582	22.498	22.498	22.891	13.064	11.824	3.0
103.127	10.668	60	150	383.285	82.128	55.410	47.420	27.376	27.376	32.401	15.629	13.624	3.0
103.128	12.081	60	180	609.623	96.762	73.014	63.170	32.254	32.254	43.272	18.194	15.424	3.0
103.129	13.023	60	200	798.510	106.518	85.747	74.714	35.506	35.506	51.272	19.904	16.624	3.0
103.130	13.965	60	220	1020.606	116.274	99.277	87.085	38.758	38.758	59.876	21.614	17.824	3.0

编号 No.	米重 Weight kg/m	A尺寸 Size A mm	B尺寸 Size B mm	X轴 惯性矩 X-axis Interia cm ⁴	Y轴 惯性矩 Y-axis Interia cm ⁴	X轴 上抗弯距 X-axis Upper Bending cm ³	X轴 下抗弯距 X-axis Boorom Bending cm ³	Y轴 上抗弯距 Y-axis Upper Bending cm ³	Y轴 下抗弯距 Y-axis Boorom Bending cm ³	X轴 面积距 X-axis Area cm ³	Y轴 面积距 Y-axis Sectional Area cm ³	截面积 Y-axis Area cm ²	型材壁厚 Profile Material Thickness mm
103.131	15.378	60	250	1421.280	130.908	121.067	107.183	43.636	43.636	73.908	24.179	19.624	3.0
103.132	16.791	60	280	1910.209	145.542	144.650	129.118	48.514	48.514	89.293	26.744	21.424	3.0
103.158	5.487	70	25	5.451	31.127	3.985	4.816	8.893	8.893	2.792	6.245	6.782	3.0
103.159	6.900	70	60	43.326	54.710	15.454	13.555	15.631	15.631	8.894	9.762	8.882	3.0
103.160	7.842	70	80	88.039	68.186	23.906	20.392	19.482	19.482	13.566	11.772	10.082	3.0
103.161	8.784	70	100	152.683	81.662	33.282	28.210	23.332	23.332	18.859	13.782	11.282	3.0
103.133	9.726	70	120	238.769	95.008	43.181	36.901	27.145	27.145	24.656	15.746	12.424	3.0
103.134	11.139	70	150	415.898	115.222	59.912	51.612	32.921	32.921	34.615	18.761	14.224	3.0
103.135	12.552	70	180	656.866	135.436	78.443	68.237	38.696	38.696	45.934	21.776	16.024	3.0
103.136	13.494	70	200	857.002	148.912	91.792	80.367	42.546	42.546	54.234	23.786	17.224	3.0
103.137	14.436	70	220	1091.544	162.388	105.936	93.325	46.397	46.397	63.137	25.796	18.424	3.0
103.138	15.849	70	250	1513.135	182.602	128.644	114.304	52.172	52.172	77.619	28.811	20.224	3.0
103.139	17.262	70	280	2025.675	202.816	153.142	137.124	57.947	57.947	93.453	31.826	22.024	3.0
103.140	10.197	80	120	259.434	128.036	46.735	40.230	32.009	32.009	26.420	18.578	13.024	3.0
103.141	11.610	80	150	448.496	154.730	64.399	55.813	38.683	38.683	36.828	22.043	14.824	3.0
103.142	13.023	80	180	704.090	181.424	83.856	73.315	45.356	45.356	48.597	25.508	16.624	3.0
103.143	13.965	80	200	915.475	199.220	97.821	86.030	49.805	49.805	57.196	27.818	17.824	3.0
103.144	14.907	80	220	1162.464	217.016	112.579	99.575	54.254	54.254	66.398	30.128	19.024	3.0
103.145	16.320	80	250	1604.970	243.710	136.205	121.436	60.928	60.928	81.329	33.593	20.824	3.0
103.146	17.733	80	280	2141.122	270.404	161.620	145.140	67.601	67.601	97.613	37.058	22.624	3.0
103.147	11.139	100	120	300.650	211.831	53.779	46.906	42.366	42.366	29.937	24.691	14.219	3.0
103.148	12.552	100	150	513.503	254.185	73.293	64.237	50.837	50.837	41.241	29.056	16.019	3.0
103.149	13.965	100	180	798.261	296.539	94.593	83.491	59.308	59.308	53.905	33.421	17.819	3.0
103.150	14.907	100	200	1032.071	324.775	109.791	97.376	64.955	64.955	63.101	36.331	19.019	3.0
103.151	15.849	100	220	1303.872	353.011	125.761	112.092	70.602	70.602	72.900	39.241	20.219	3.0
103.152	17.262	100	250	1788.071	395.365	151.214	135.715	79.073	79.073	88.726	43.606	22.019	3.0
103.153	18.675	100	280	2371.287	437.719	178.451	161.182	87.544	87.544	105.905	47.971	23.819	3.0

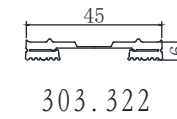
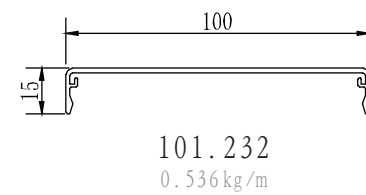
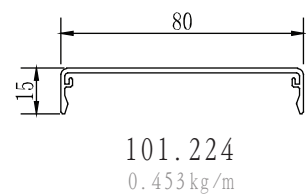
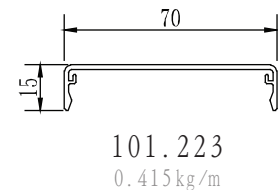
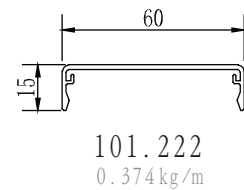
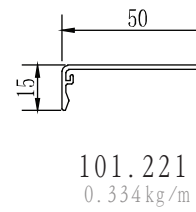
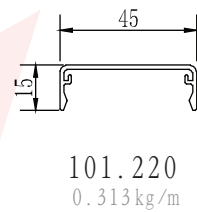
装饰面板

Aluminum Cover Cap



装饰面板

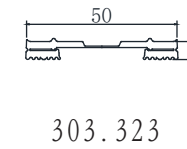
Aluminum Cover Cap



45幕墙玻内竖向密封条(阻燃+膨胀)

45 Curtain Wall Inside Vertical Sealing Seals

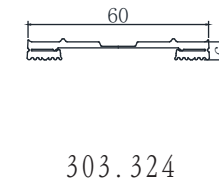
位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



50幕墙玻内竖向密封条(阻燃+膨胀)

50 Curtain Wall Inside Vertical Sealing Seals

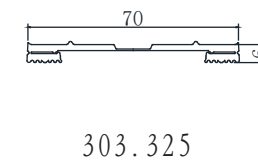
位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



60幕墙玻内竖向密封条(阻燃+膨胀)

60 Curtain Wall Inside Vertical Sealing Seals

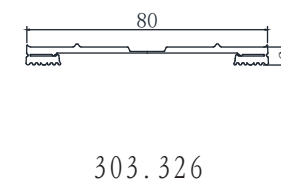
位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



70幕墙玻内竖向密封条(阻燃+膨胀)

70 Curtain Wall Inside Vertical Sealing Seals

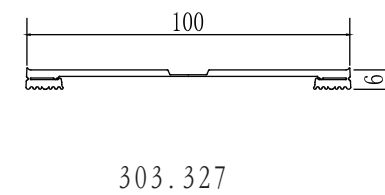
位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



80幕墙玻内竖向密封条(阻燃+膨胀)

80 Curtain Wall Inside Vertical Sealing Seals

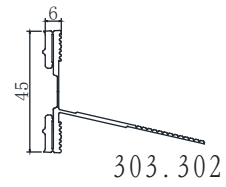
位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



100幕墙玻内竖向密封条(阻燃+膨胀)

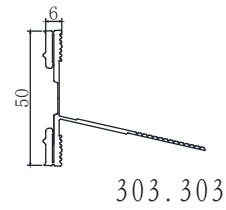
100 Curtain Wall Inside Vertical Sealing Seals

位置: 玻璃与幕墙型材间
Location: Between glass and curtain wall profile



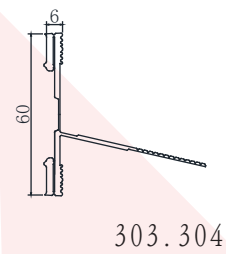
45幕墙玻内横向密封条(阻燃+膨胀)

45 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



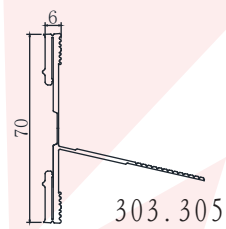
50幕墙玻内横向密封条(阻燃+膨胀)

50 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



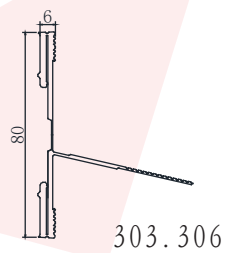
60幕墙玻内横向密封条(阻燃+膨胀)

60 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



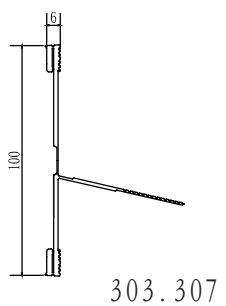
70幕墙玻内横向密封条(阻燃+膨胀)

70 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



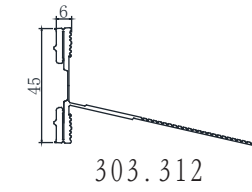
80幕墙玻内横向密封条(阻燃+膨胀)

80 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



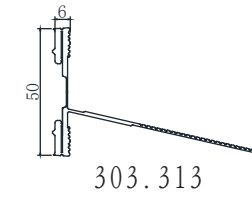
100幕墙玻内横向密封条(阻燃+膨胀)

100 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-37mm
 Glass:15-37mm



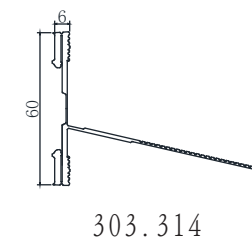
45幕墙玻内横向密封条(阻燃+膨胀)

45 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



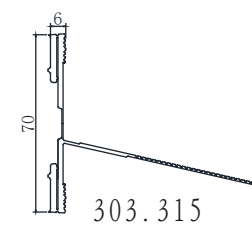
50幕墙玻内横向密封条(阻燃+膨胀)

50 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



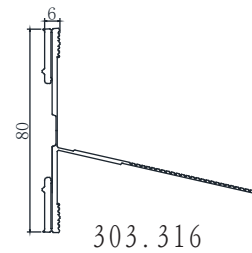
60幕墙玻内横向密封条(阻燃+膨胀)

60 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



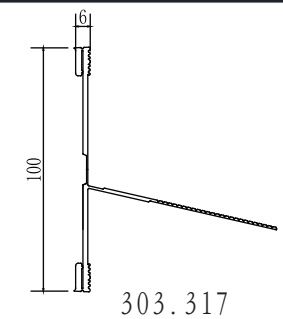
70幕墙玻内横向密封条(阻燃+膨胀)

70 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



80幕墙玻内横向密封条(阻燃+膨胀)

80 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



100幕墙玻内横向密封条(阻燃+膨胀)

100 Curtain Wall Inside Horizontal Sealing Seals
 位置: 玻璃与幕墙型材间
 Location: Between glass and curtain wall profile
 玻璃: 15-60mm
 Glass:15-60mm



301.303

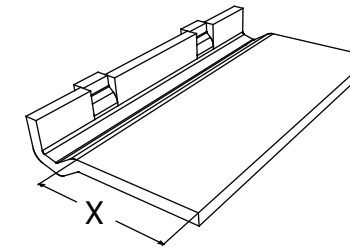
玻外密封条(阻燃+膨胀)
Outside Seals

位置: 压板与玻璃间
Location: Between pressure plate and glass

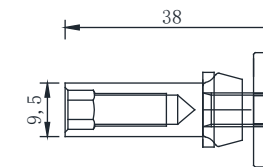


玻璃托
Glass Bracket

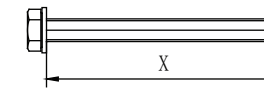
位置: 玻璃与叠加条
Location: Between glass and superimposed bar



- X=18 303.100(玻璃厚度glass thick16-20)
- X=23 303.101(玻璃厚度glass thick21-25)
- X=28 303.102(玻璃厚度glass thick26-30)
- X=33 303.103(玻璃厚度glass thick31-35)
- X=38 303.104(玻璃厚度glass thick36-40)
- X=43 303.105(玻璃厚度glass thick41-45)
- X=48 303.106(玻璃厚度glass thick46-50)
- X=53 303.107(玻璃厚度glass thick51-55)
- X=58 303.108(玻璃厚度glass thick56-60)
- X=63 303.109(玻璃厚度glass thick61-65)
- X=68 303.110(玻璃厚度glass thick66-70)
- X=73 303.111(玻璃厚度glass thick71-75)



303.120

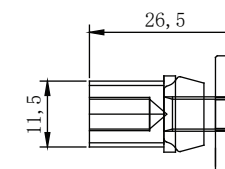


M6外六角机制螺栓(标准件)
M6 Hex Mechanism Bolt (Standard Part)

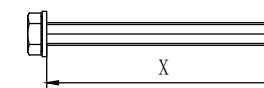
组合螺母
Combination Nut

位置: 幕墙槽口
Location: Curtain wall rabet

- X=25 (玻璃厚度glass thick16-20)
- X=30 (玻璃厚度glass thick21-25)
- X=35 (玻璃厚度glass thick26-30)
- X=40 (玻璃厚度glass thick31-35)
- X=45 (玻璃厚度glass thick36-40)
- X=50 (玻璃厚度glass thick41-45)
- X=55 (玻璃厚度glass thick46-50)
- X=60 (玻璃厚度glass thick51-55)
- X=65 (玻璃厚度glass thick56-60)
- X=70 (玻璃厚度glass thick61-65)
- X=75 (玻璃厚度glass thick66-70)
- X=80 (玻璃厚度glass thick71-75)



303.121



M6外六角机制螺栓(标准件)
M6 Hex Mechanism Bolt (Standard Part)

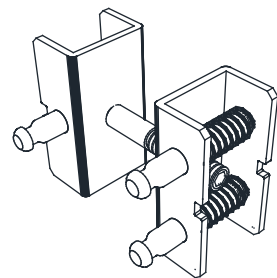
组合螺母
Combination Nut

位置: 幕墙槽口
Location: Curtain wall rabet

- X=15 (玻璃厚度glass thick5-10)
- X=20 (玻璃厚度glass thick10-15)

抗位移弹簧销选配

Anti-Displacement Spring Pin Matching Table



抗位移弹簧销

Anti-Displacement Spring Pin

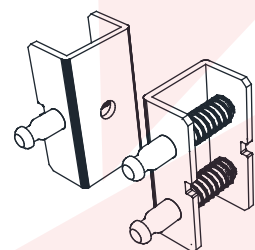
位置：用于横梁与立柱连接
(根据横梁规格搭配组合)

Location: For column and beam connection

使用工具：内六角扳手
Tools: Internal Hexagonal Wrench

配套钻孔模具：501.302
Mode: 501.302

安装方式见：尖角方管配专用连接件安装示意
Method: Sharp Angle Rectangular Tubes Special Connector Installation Guide

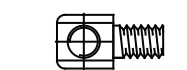


抗位移弹簧销

- Anti-Displacement Spring Pin
- 200.102
 - 200.103
 - 200.104
 - 200.105
 - 200.106
 - 200.108
 - 200.109
 - 200.110

弹簧销顶丝

- Spring Pin Top Screw
- 200.121
 - 200.122
 - 200.123
 - 200.124
 - 200.125
 - 200.126
 - 200.127



支撑螺丝

Supporting Screw

303.141

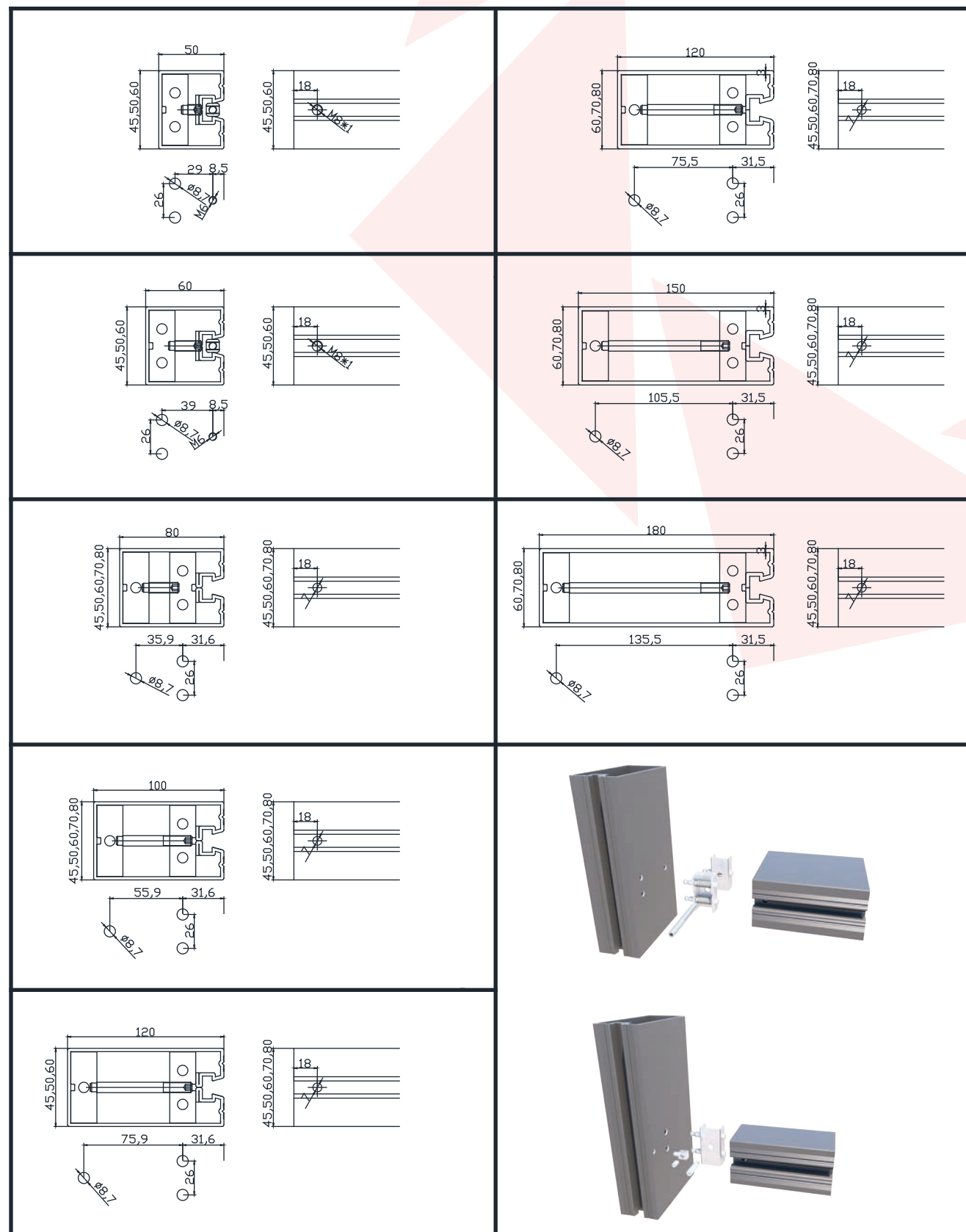
横梁型材 Beam Profile	横梁规格 Beam Size	抗位移弹簧销 Anti-Displacement Spring Pin	弹簧销顶丝 Spring Pin Top Screw	支撑螺丝 Supporting Screw
103.105	45*50*2.5	200.102 (*)	200.121	303.141 (标配) Mandatory
103.106	45*60*2.5	200.102 (*)	200.122	303.141 (标配) Mandatory
103.107	45*80*2.5	200.102	200.123	303.141 (选配) Optional
103.108	45*100*2.5	200.102	200.124	303.141 (选配) Optional
103.109	45*120*2.5	200.102	200.125	303.141 (选配) Optional
103.110	50*50*2.5	200.103 (*)	200.121	303.141 (标配) Mandatory
103.111	50*60*2.5	200.103 (*)	200.122	303.141 (标配) Mandatory
103.112	50*80*2.5	200.103	200.123	303.141 (选配) Optional
103.113	50*100*2.5	200.103	200.124	303.141 (选配) Optional
103.114	50*120*2.5	200.103	200.125	303.141 (选配) Optional
103.115	60*60*2.5	200.104 (*)	200.122	303.141 (标配) Mandatory
103.116	60*80*2.5	200.104	200.123	303.141 (选配) Mandatory
103.117	60*100*2.5	200.104	200.124	303.141 (选配) Optional
103.118	60*120*2.5	200.104	200.125	303.141 (选配) Optional
103.119	70*80*2.5	200.105	200.123	303.141 (选配) Optional
103.120	70*100*2.5	200.105	200.124	303.141 (选配) Optional
103.121	80*80*2.5	200.106	200.123	303.141 (选配) Optional
103.122	80*100*2.5	200.106	200.124	303.141 (选配) Optional
103.155	60*60*3.0	200.108	200.122	303.141 (选配) Optional
103.156	60*80*3.0	200.108	200.123	303.141 (选配) Optional
103.157	60*100*3.0	200.108	200.124	303.141 (选配) Optional
103.126	60*120*3.0	200.108	200.125	303.141 (选配) Optional
103.127	60*150*3.0	200.108	200.126	303.141 (选配) Optional
103.128	60*180*3.0	200.108	200.127	303.141 (选配) Optional
103.159	70*60*3.0	200.109	200.122	303.141 (选配) Optional
103.160	70*80*3.0	200.109	200.123	303.141 (选配) Optional
103.161	70*100*3.0	200.109	200.124	303.141 (选配) Optional
103.133	70*120*3.0	200.109	200.125	303.141 (选配) Optional
103.134	70*150*3.0	200.109	200.126	303.141 (选配) Optional
103.135	70*180*3.0	200.109	200.127	303.141 (选配) Optional
103.140	80*120*3.0	200.110	200.125	303.141 (选配) Optional
103.141	80*150*3.0	200.110	200.126	303.141 (选配) Optional
103.142	80*180*3.0	200.110	200.127	303.141 (选配) Optional

(*) 单个双孔不攻丝弹簧销

Single Double Hole Non Tapping Spring Pin

抗位移弹簧销开孔

Anti-Displacement Spring Pin



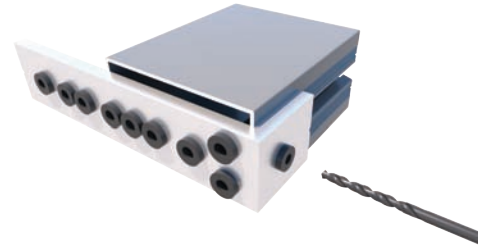
横梁弹簧销安装示意

Beam Spring Pin Installation Guide



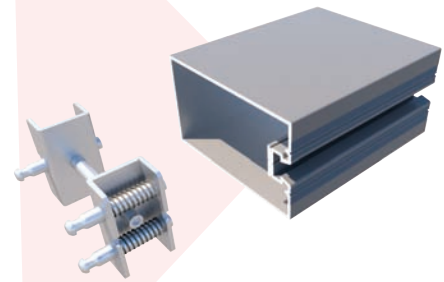
①

使用模具501.302于立柱龙骨侧面钻圆孔8.7mm
Use Mode 501.302 to drill 8.7mm holes on the side of the keel column.



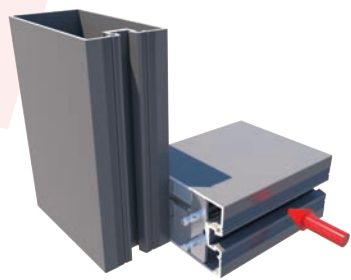
②

使用模具501.302于横梁龙骨正面钻圆孔7.0mm
Use mode 501.302 to drill 7.0mm hole on the front phase of beam keel.



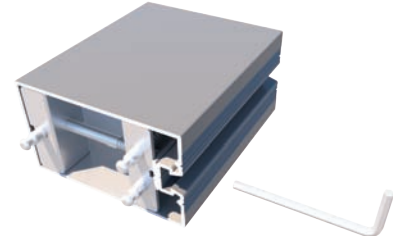
③

将弹簧销与顶丝结合后置于横梁腔体内
(注意顶丝内六角孔需与横梁圆孔对齐)
Combine spring pin and top screw, place inside the cavity.
(Note that the hexagonal hole in the top screw should be aligned with the round hole of the beam.)



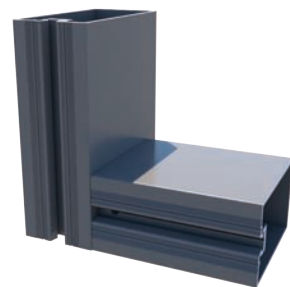
⑤

将横梁从外至内推入
Push the beam from outside in



④

使用六角扳手调节顶丝
Use a hex wrench to adjust the top screw



⑥

确认所有弹簧销进入立柱孔内即完成安装
Confirm all the spring pin has inserted in to column hole and complete assemble.



①

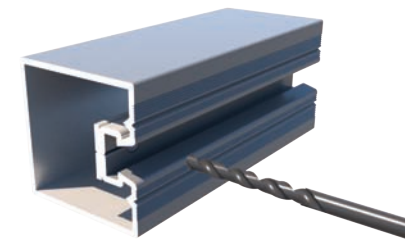
立柱两端以横梁中心为准，距边8.5mm开m6孔，用于安装支撑螺丝
距边以横梁规格为准中心距为26mm开φ8.7mm圆孔，用于安装弹簧销。
The two ends of the column are based on the center of the beam, drill a M6 hole 8.5mm from the edge, to install supporting screw.
The distance edge is subject to the beam specification, the center distance is 26mm, and the round hole is opened ø8.7mm, to install spring pin.



②

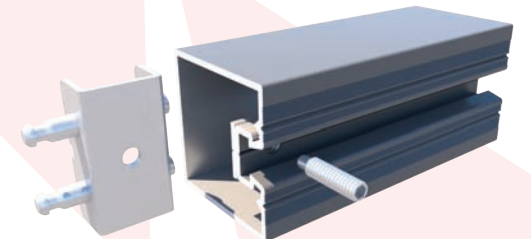
安装支撑螺丝，要求销钉孔朝外

Install the support screws with the pin holes facing outward



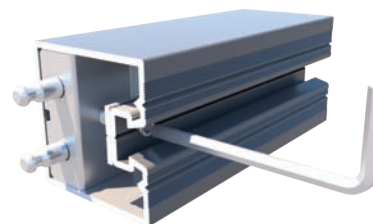
③

横梁距断面18mm开孔m8*1细牙
The beam is 18mm from the section and the hole is m8*1 fine teeth



④

将弹簧销放置横梁腔体内
Place the spring pin in to the cavity.



⑤

使用六角扳手调节顶丝
Use a hex wrench to adjust the top screw



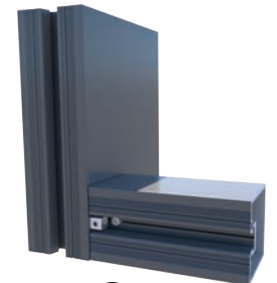
⑥

将横梁由内至外推入
Push the beam from inside out.



⑦

将弹簧销安装入孔位后，使用内六角扳手将顶丝固定于支撑螺丝
After the spring pin has been inserted in to the hole, use hex wrench to fasten the top screw on the supporting screw

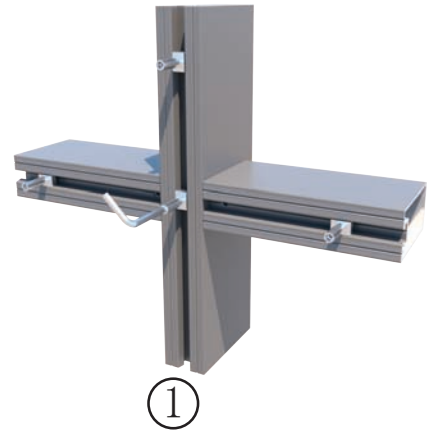


⑧

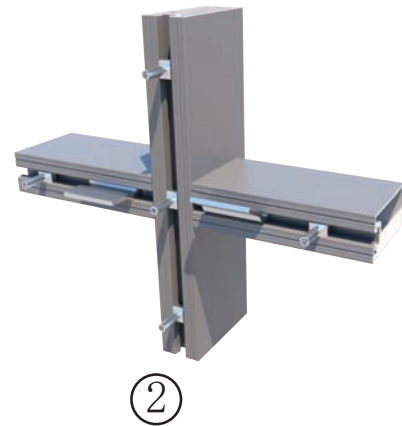
完成安装
Finish assemble

幕墙安装示意图

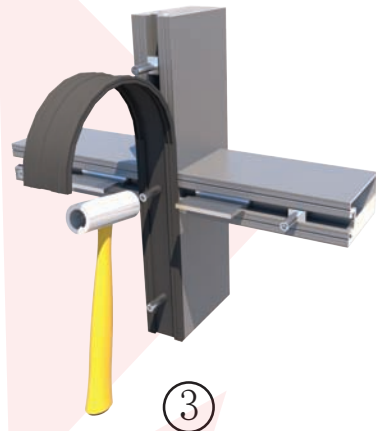
Curtain Wall Assemble Instruction Guide



①
使用六角扳手逆时针旋转组合螺母
Use a hex wrench to rotate the combination nut counterclockwise



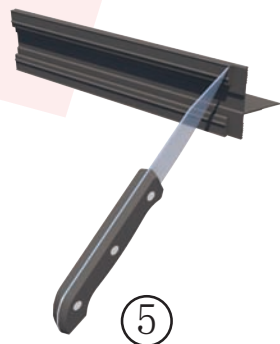
②
放置玻璃托
Place glass bracket



③
使用空心锤固定玻内胶条
Use a hollow hammer to secure the inside gasket



④
割除横梁胶条肩部位置，宽度同横梁。
为横梁胶条搭接留出空间。
Cut the shoulder part of beam gasket, same width as beam. Leave enough space for beam gasket connection.



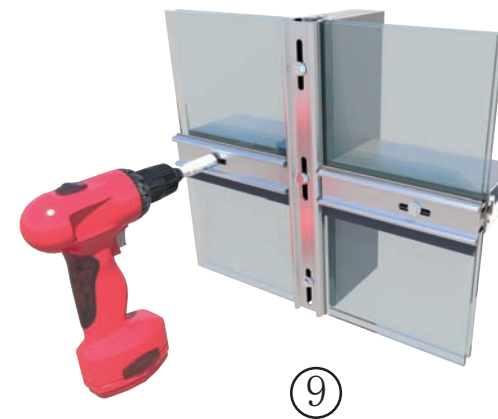
⑤
割除横梁胶条背部，宽度约为10-12mm
Cut the backside of the beam gasket about 10-12mm



⑥
玻璃托部分需划开长口
Cut a long opening for glass bracket



⑦
在玻璃托上放置垫块后安装玻璃
Place glass pads on the bracket then install the glass



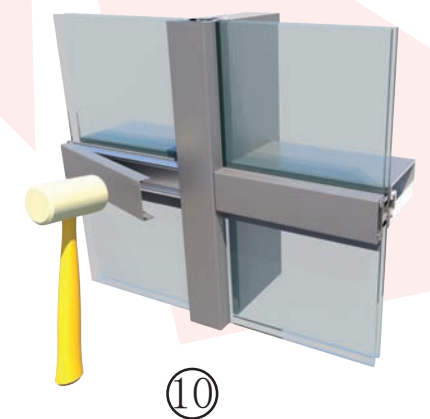
⑨
使用M6机制螺丝固定压板
Use M6 mechanism screw to stable the fixed plate.



⑪
割除多余横梁排水胶条，完成安装
Cut the rest of beam gasket and finish assemble.



⑧
将玻外胶条嵌入钢制压板内
Insert outside gasket into steel pressure plate.



⑩
安装铝合金面板
Install aluminum plate.



检测报告 Test Report

报告编号/Report No.: 2021549410

检测项目 /Test Item	检测方法 /Test Method	技术要求 /Requirement	检测结果 /Result	结论 /Conclusion
部件荷载性能 Load performance of components	CJ/T 476-2015	—	整压试验 试验中最大力: 23.48kN; 试验后状态: 破坏 Compression test, the maximum load: 23.48kN, State after test: failure	—

报告编号/Report No.: 2021549400

检测项目 /Test Item	检测方法 /Test Method	技术要求 /Requirement	检测结果 /Result	结论 /Conclusion
部件荷载性能 Load performance of components	CJ/T 476-2015	—	拉拔测试 试验中最大力: 6.57kN; 试验后状态: 破坏 Drawing test, the maximum load: 6.57kN, State after test: failure	—

报告编号/Report No.: 2021549390

检测项目 /Test Item	检测方法 /Test Method	技术要求 /Requirement	检测结果 /Result	结论 /Conclusion
部件荷载性能 Load performance of components	CJ/T 476-2015	—	侧压试验 试验中最大力: 11.08kN; 试验后状态: 变形 Side pressure test, the maximum load: 11.08kN, State after test: deformation.	—



检测报告 Test Report

报告编号/Report No.: 2021381270

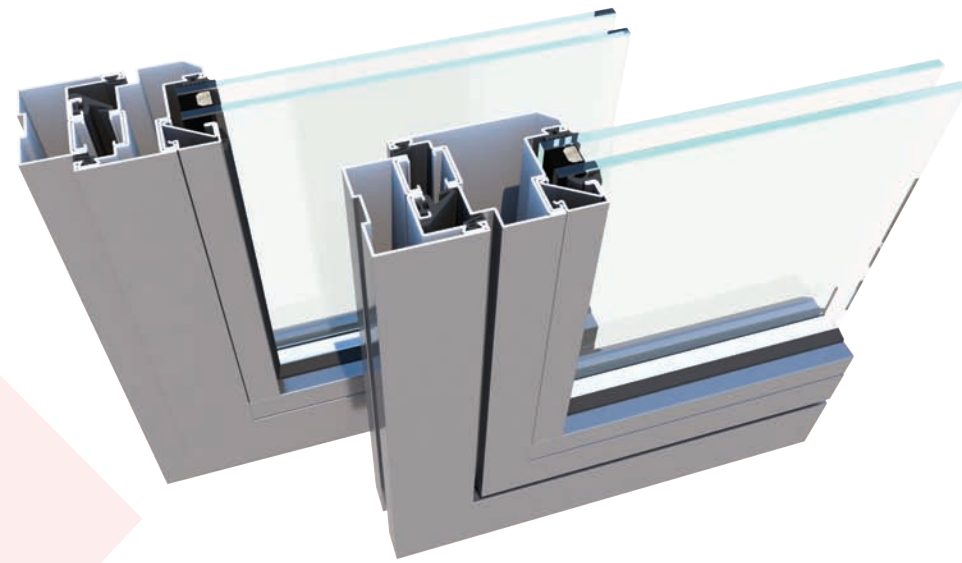
检测项目 /Test Item	检测方法 /Test Method	技术要求 /Requirement	检测结果 /Result	结论 /Conclusion
抗拉强度 Tensile strength R _m /MPa	GB/T 228.1-2010	—	408	—
屈服强度 Yield strength Rp0.2/MPa	GB/T 228.1-2010	—	336	—
断后伸长率 Elongation A/5.65√So/%	GB/T 228.1-2010	—	41.0	—

检测项目 /Test Item	检测方法 /Test Method	技术要求 /Requirement	检测结果 /Result	结论 /Conclusion
C/%	GB/T 20123-2006	—	0.058	—
Si/%	GB/T 20125-2006	—	<0.01	—
Mn/%	GB/T 20125-2006	—	0.21	—
P/%	GB/T 20125-2006	—	0.015	—
S/%	GB/T 20123-2006	—	0.010	—
Ti/%	GB/T 20125-2006	—	<0.005	—



55防火窗系统

55 Fire Resistance Window System

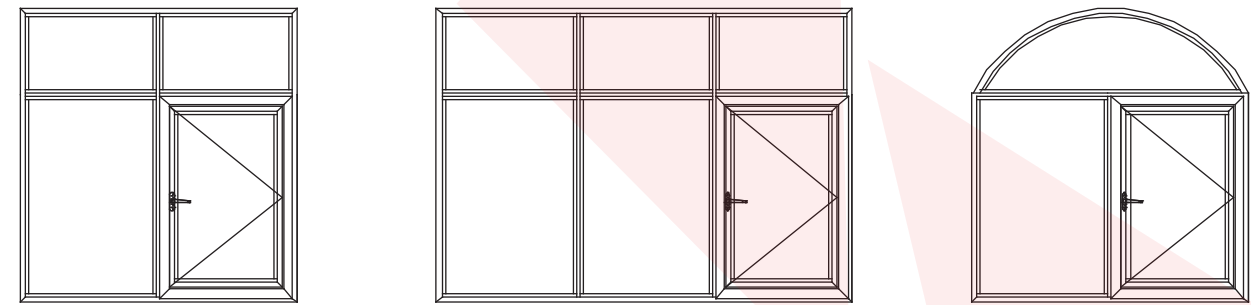
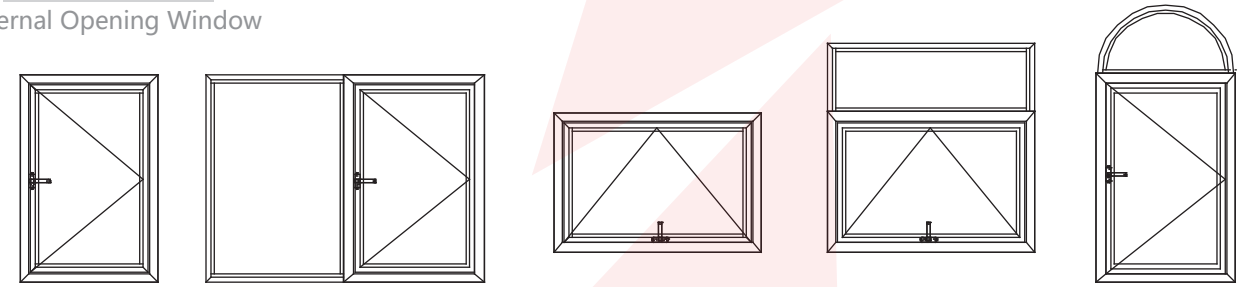


55防火窗系统完全按铝合金型材的外观标准设计，燕尾槽口安装胶条，密封性能优良，标准欧标C槽，适应通用五金的使用，专用角码注胶工艺防止雨水渗漏，各种规格玻璃压条直接安装，可实现内开、外开等多种开启方式。

55 Fire Resistance Window System's design completely follows the aluminum window profile standard. Install the gasket through the dovetail notch, standard European C slot, fits for general hardware. Special corner brace glue injection technic can prevent rain water leaking. All specification glass buckle bar can easy to install, realize internal and external etc. opening method.

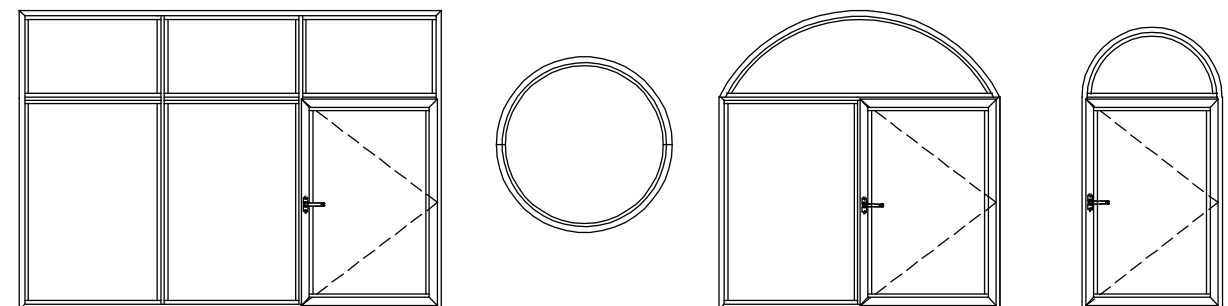
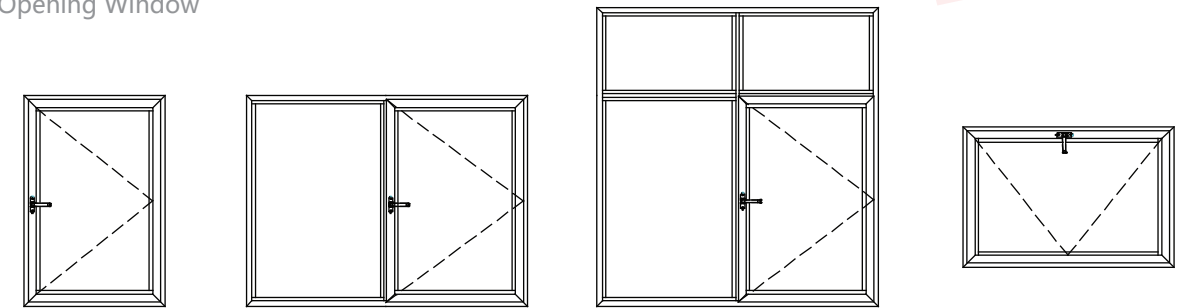
外开窗型

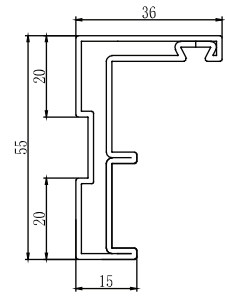
External Opening Window



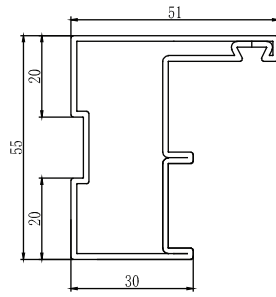
内开窗型

Internal Opening Window

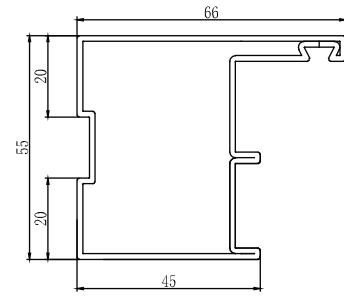




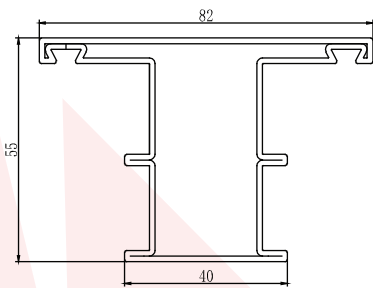
104.103
2.324 kg/m



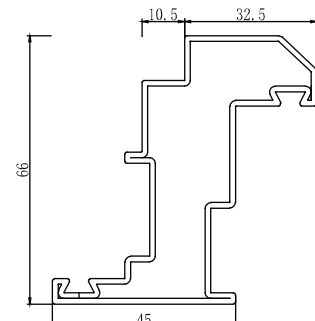
104.102
2.654 kg/m



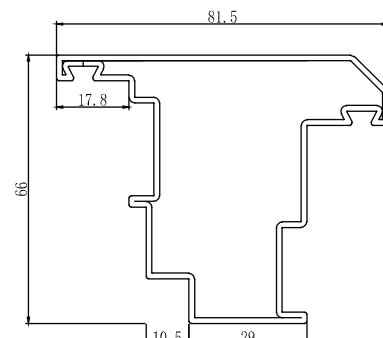
104.101
2.982 kg/m



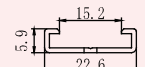
104.106
3.5166 kg/m



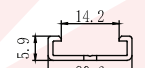
104.105
3.099 kg/m



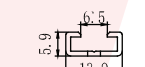
104.104
3.445 kg/m



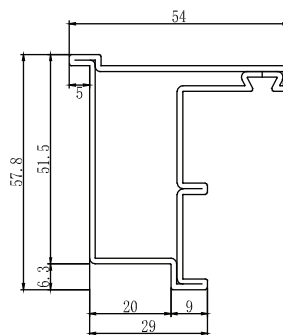
104.123
0.339 kg/m



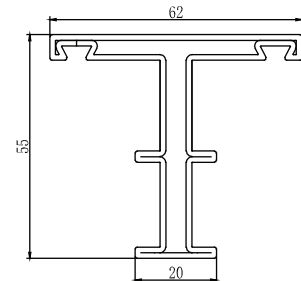
104.122
0.311 kg/m



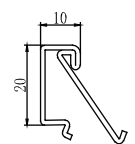
104.121
0.259 kg/m



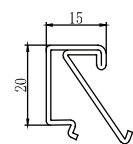
104.108
2.676 kg/m



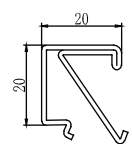
104.107
3.077 kg/m



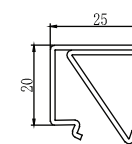
404.110
0.763 kg/m



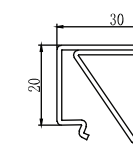
404.115
0.857 kg/m



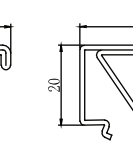
404.120
0.951 kg/m



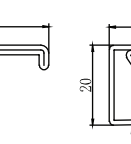
404.125
1.046 kg/m



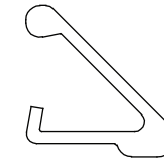
404.130
1.140 kg/m



404.135
1.234 kg/m



404.140
1.328 kg/m



100.201

批水板
Flashing Cover

位置: 型材外侧附加
Location: Attach on the outside of profile



300.301

批水板收边件
Flashing Cover Edge Piece

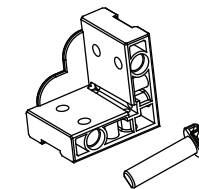
位置: 批水板两侧
Location: Both side of flashing cover



300.152

M4专用螺丝
M4 Special Screw

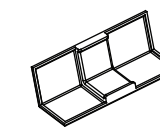
位置: 批水板与型材链接
Location: Connect flashing cover and profile



304.303

排水角码
Flashing Corner Brace

位置: 外框角部腔体
Location: Outside frame corner



304.304

角部盖缝件
Corner Gap Cover

位置: 外框外侧角部
Location: Outside frame corner



搭边胶条(阻燃+膨胀)
Bridge Gasket

位置: 开启搭边
Location: Opening frame bridge

304.301



玻外胶条(阻燃+膨胀)
Outside Gasket

位置: 型材与玻璃外侧间胶条
Location: Between profile and outside of the glass

304.302



6-7mm玻内胶条(阻燃+膨胀)
6-7mm Inside Gasket

位置: 玻璃压条
Location: Glass buckle bar

305.303



4-5mm玻内胶条(阻燃+膨胀)
4-5mm Inside Gasket

位置: 玻璃压条
Location: Glass buckle bar

305.304



3mm玻内胶条(阻燃+膨胀)
3mm Inside Gasket

位置: 玻璃压条
Location: Glass buckle bar

305.305



中间密封胶条(阻燃)
Middle Seal Gasket

位置: 开启扇与型材间
Location: Between opening frame and profile

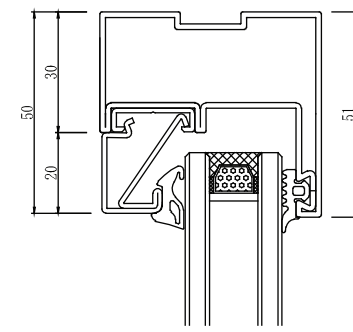
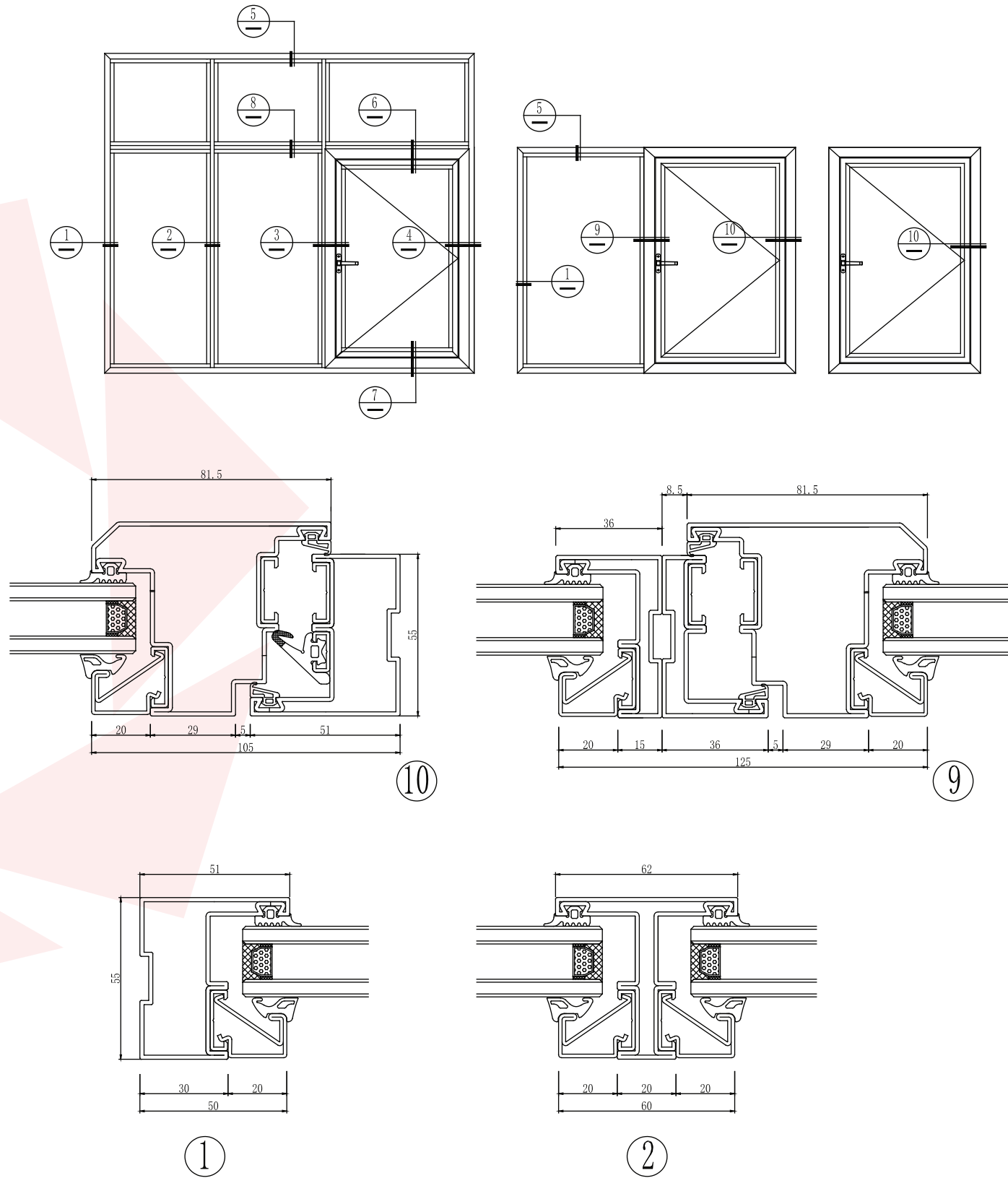
304.313

玻璃胶条匹配表
Glass Gasket Matching Table

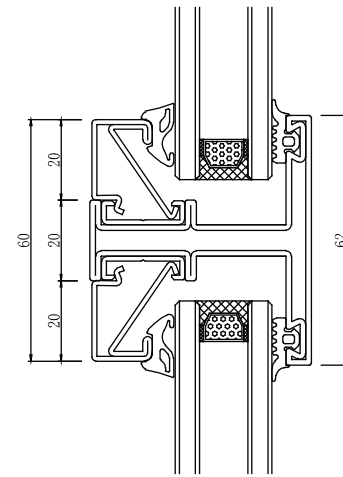
玻外胶条 Outside Gasket	玻内胶条 Inside Gasket					
304.302	305.303	305.303	305.304	305.304	305.305	
3.5	27	28	29	30	31	 404.110
	22	23	24	25	26	 404.115
	17	18	19	20	21	 404.120
	12	13	14	15	16	 404.125
	7	8	9	10	11	 404.130
				5	6	 404.135
						 404.140

外开窗节点

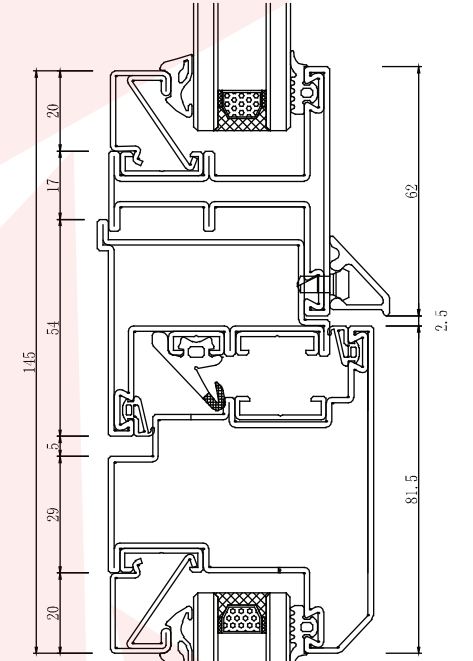
External Opening Window Joint



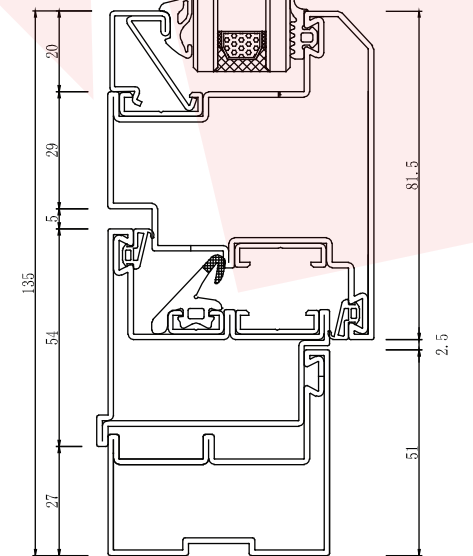
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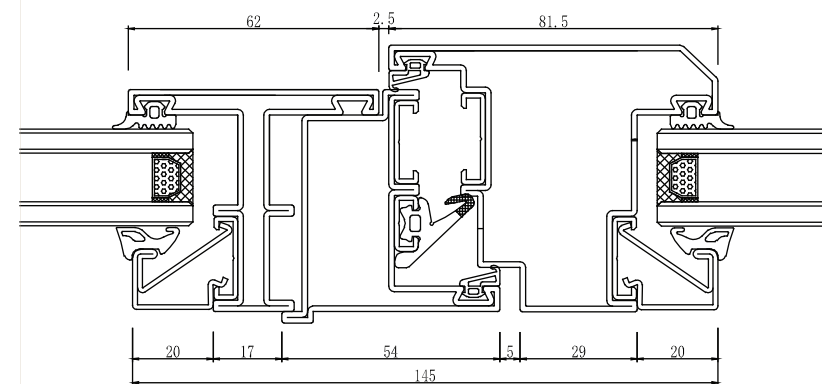
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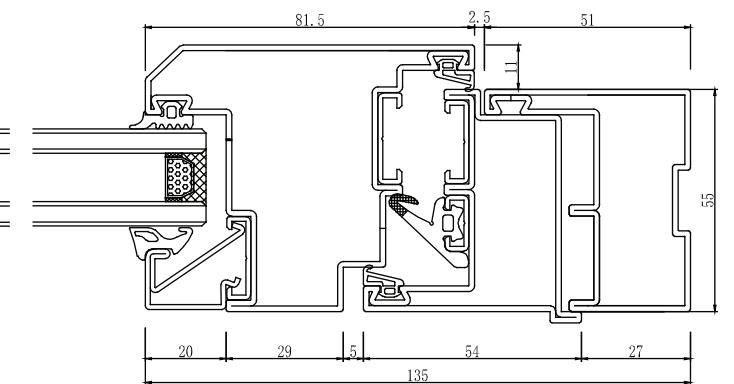
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7



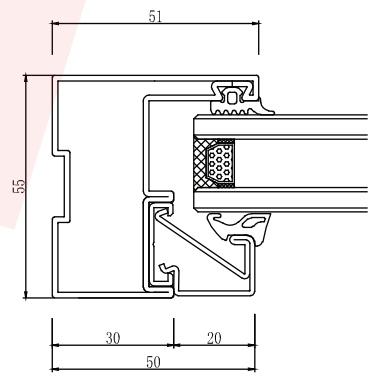
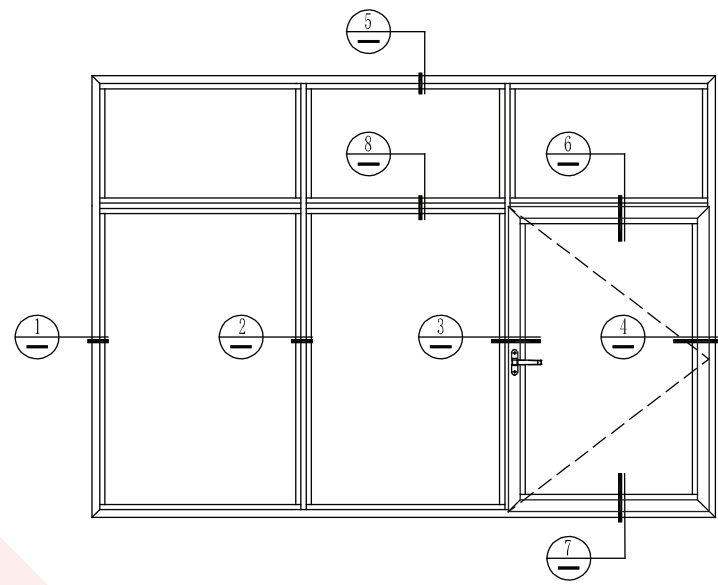
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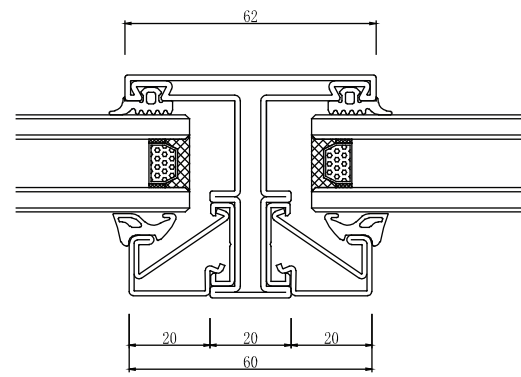
4

内开窗节点

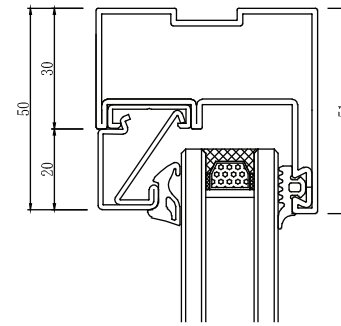
Internal Opening Window Joint



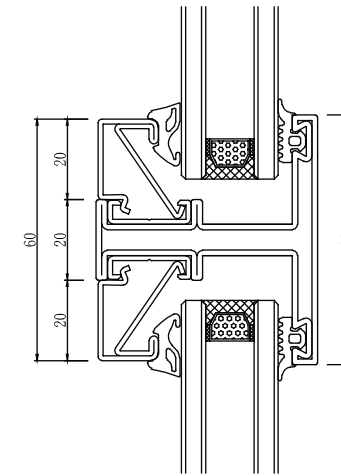
①



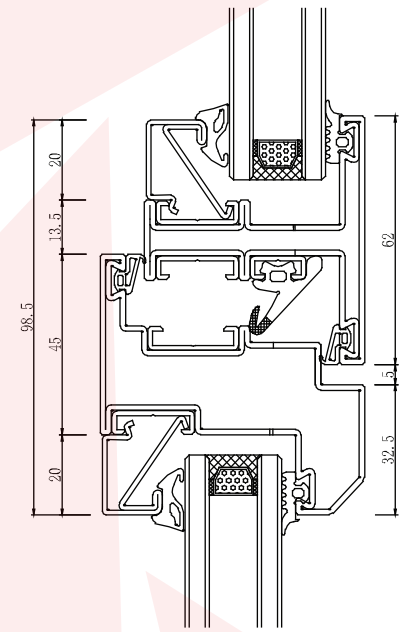
②



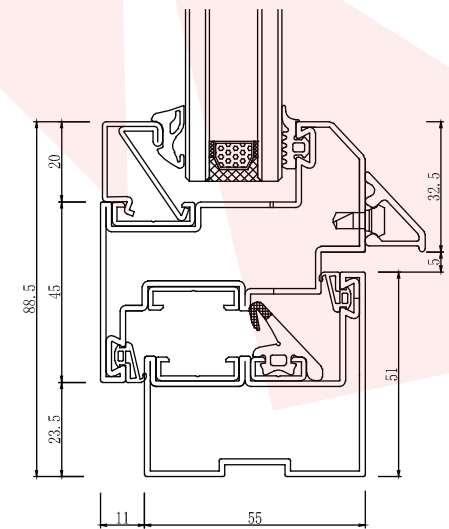
⑤



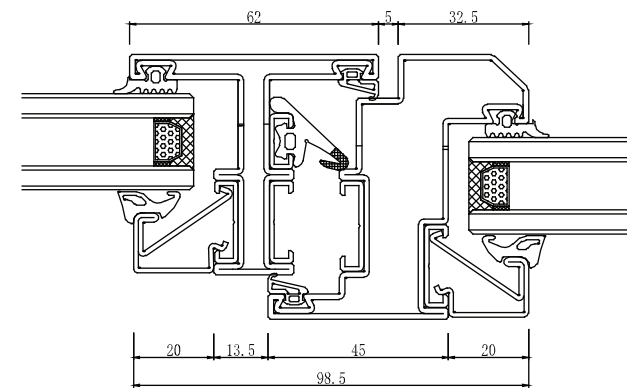
⑧



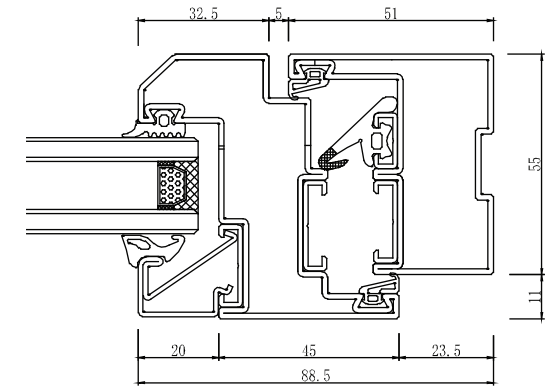
⑥



⑦



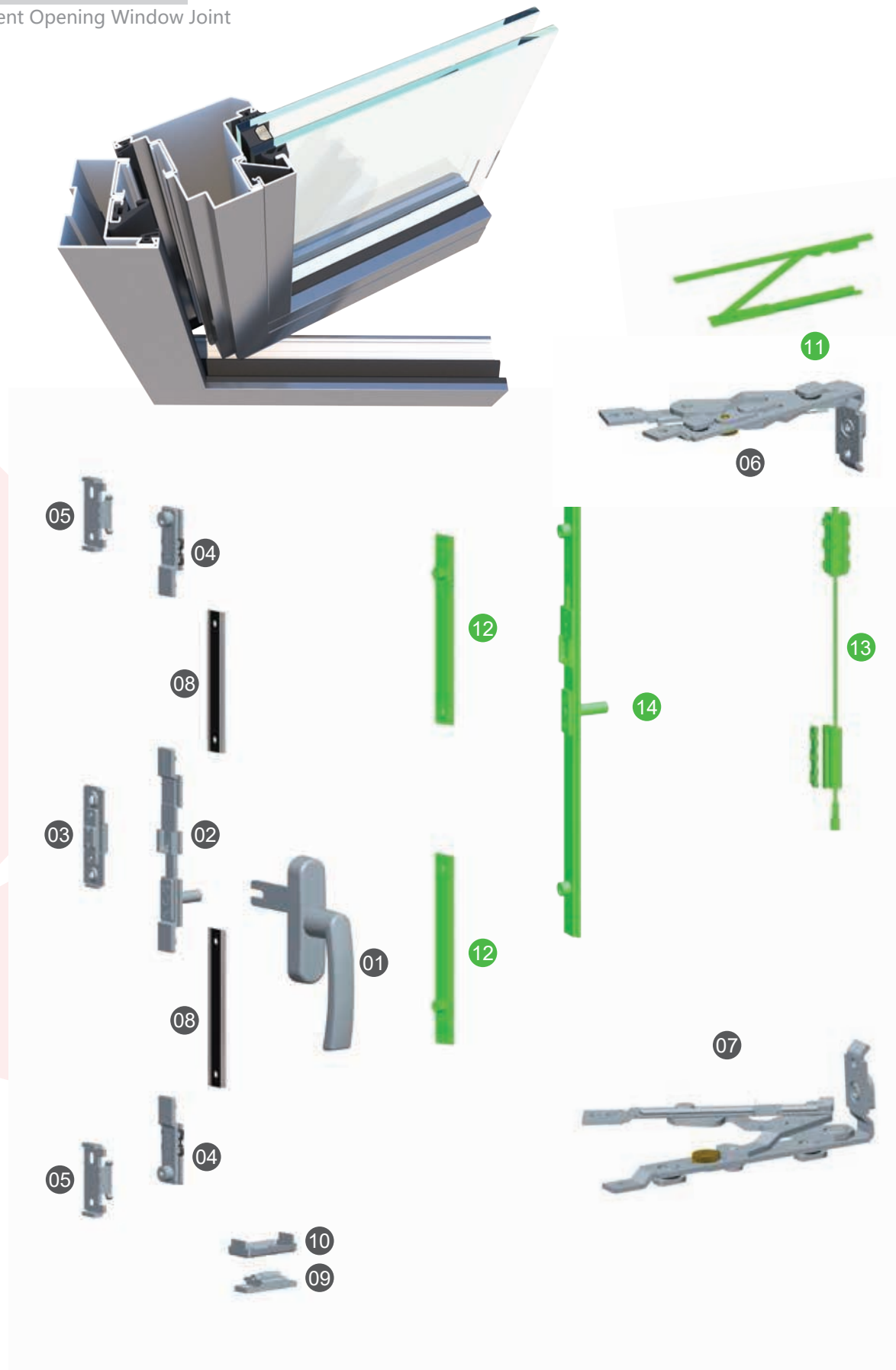
③



④

外平开窗五金配置

External-Casement Opening Window Joint



序号 No	配件名称 Hardware	代号 Code	数量 Number	备注 Note
01	执手 Handle	LCZS191 (55)	1	可选配 Optional
02	锁闭传动杆 Belock Transmitt Rod	LSCDG21	1	柱长21mm Rod length 21mm
03	斜锁 Oblique Loc	LKS11	1	
04	边传动杆 Side Transmitt Rod	N43	2	
05	锁块 Lock Block	LSK43	2	需按实际增补① Depend on actual needs
06	合页 Hinge	LYHE15/I-R	1	②
07	合页 Hinge	LYHE15/I-L	1	
08	耐火杆 Refractory Rod	NHG01-L	2	根据窗型规格而定③ Depend on window size
09	支撑块 Supporting Block	LZCK02	1	④
10	支撑块 Supporting Block	LZCK03	1	
11	温控闭窗器 Temperature-Controlled Window Closer	LBCQ11	1	根据窗型规格而定⑤ Depend on window size
12	耐火杆 Refractory Rod	NHG05-L	2	根据窗型规格而定⑥ Depend on window size
13	安全防脱器 Safety Anti-Trip Device	FTQ25/I	1	铰链产品⑦ Hinge Product
14	锁闭传动杆 Belock Transmitt Rod	LSCDG22-L	1	根据窗型规格而定 Depend on window size

可选择配件请参阅下图: Optional Hardware

CZS160 执手 CZS 160 Handle	LBCQ11 温控闭窗器 LBCQ 11 Temperature-Controlled Window Closer

配置说明:

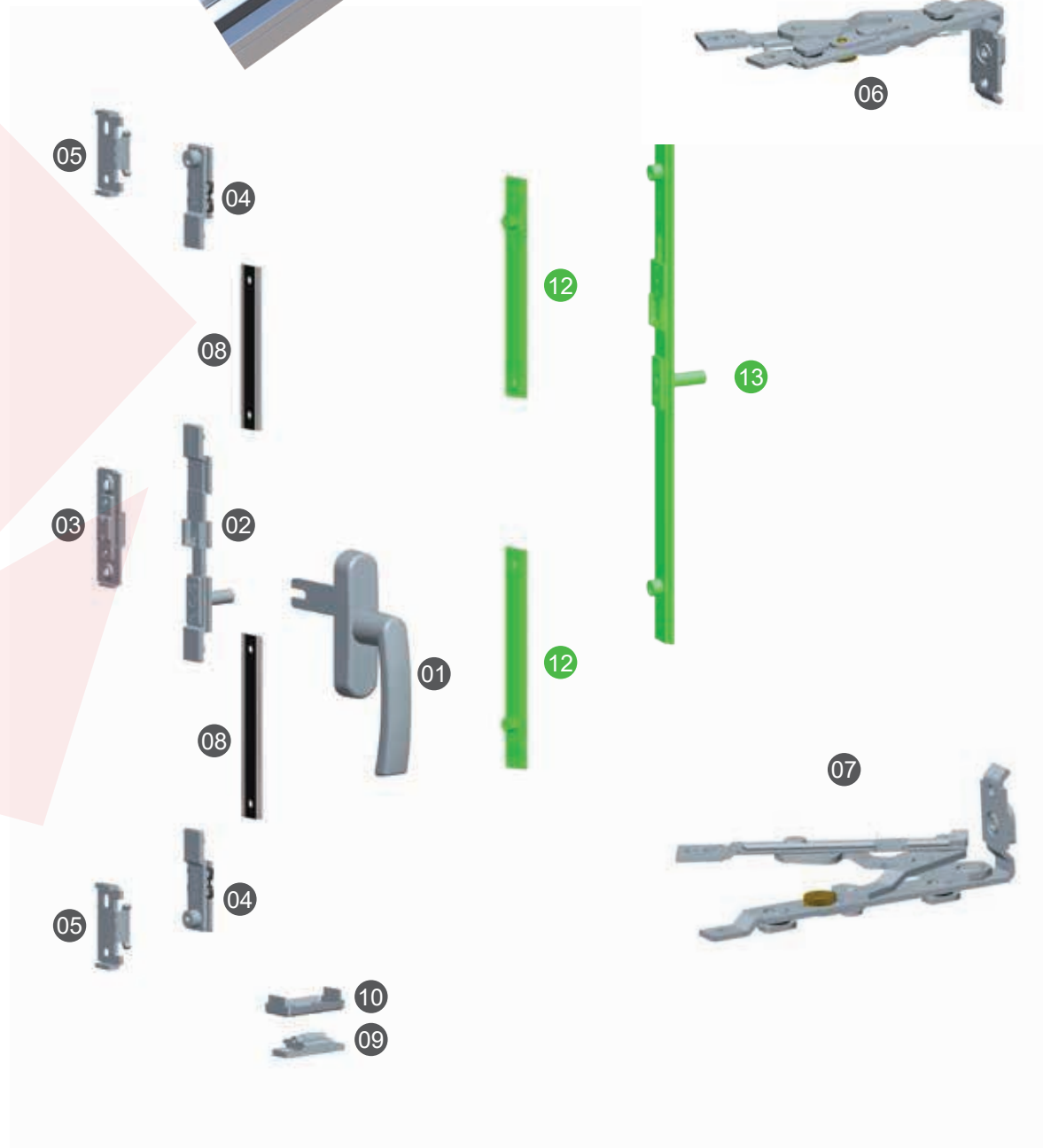
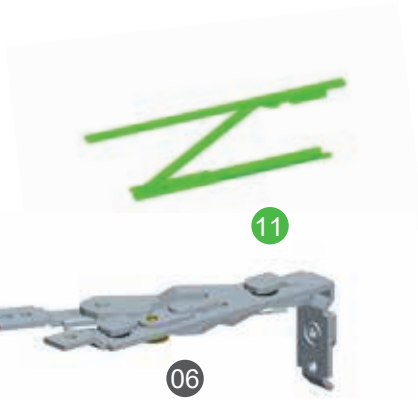
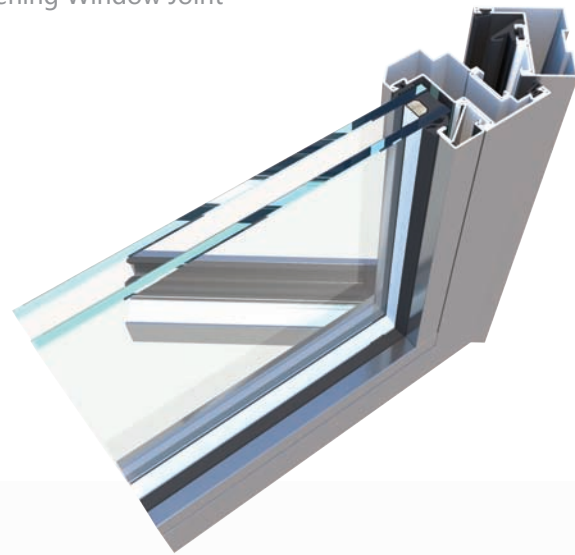
- ① 本配置方案默认为外平开防火窗。建议锁点分布间距保持在 400mm 以内。
 - ② 5#、6# 和 11# 配件配套使用，可实现温控自动锁闭功能。
 - ③ 耐火杆长度可根据窗型规格定制。（以 50mm 为单位逐渐递增；最短 50mm）
 - ④ 不锈钢支撑结构，避免窗扇受热后变形下垂。
 - ⑤ 温控闭窗器开启到限位状态以后，当温度达到 $(74\pm 0.5)^\circ\text{C}$ 时，温控装置启动，窗扇可自动关闭。
 - ⑥ 耐火杆长度可根据窗高定制。（以 50mm 为单位逐渐递增；最短为 300mm）
 - ⑦ 根据有的地方要求，外开窗建议加装安全防脱器。
- ★ 绿色配件为选择性配件。

Configuration Description:

- 1.This configuration scheme defaults to the external-casement fire window. It is recommended that the distribution spacing of lock points be kept within 400mm.
 - 2.To use No.5, No.6, No.11 together can realize the function of temperature control automatic locking.
 - 3.Refractory rod can be adjusted by the window size.(Gradually increase in 50mm increments; Minimum 50mm)
 - 4.Stainless steel supporting structure can prevent window deformation after heating.
 - 5.After the temperature control window closer is opened to the limit state, when the temperature reaches $(74\pm 0.5)^\circ\text{C}$, the temperature control device is activated and the window can be automatically closed.
 - 6.The length of the refractory rod can be customized according to the window height. (Gradually increase in 50mm increments; The shortest is 300mm)
 - 7.According to the requirements of certain places, it is recommended to install a safety anti-escape device for the outer window.
- ★ Hardware in green are optional accessories.

内平开窗五金配置

Internal-Casement Opening Window Joint



序号 No	配件名称	Hardware	代号 Code	数量 Number	备注 Note
01	执手	Handle	ZSC20 (35)	1	可选配 Optional Rod length 10mm
02	锁闭传动杆	Belock Transmitt Rod	LSCDG21	1	柱长10mm Rod length 10mm
03	斜锁	Oblique Loc	LKS11	1	10.5
04	边传动杆	Side Transmitt Rod	N43	2	
05	锁块	Lock Block	LSK43	2	需按实际增补① Depend on actual needs
06	合页	Hinge	LYHE15/I-R	1	②
07	合页	Hinge	LYHE15/I-L	1	
08	耐火杆	Refractory Rod	NHG01-L	2	根据窗型规格而定 ③ Depend on window size
09	支撑块	Supporting Block	LZCK02	1	④
10	支撑块	Supporting Block	LZCK03	1	
11	温控闭窗器	Temperature-Controlled Window Closer	LBCQ11	1	根据窗型规格而定⑤ Depend on window size
12	耐火杆	Refractory Rod	NHG05-L	2	根据窗型规格而定⑥ Depend on window size
13	锁闭传动杆	Belock Transmitt Rod	LSCDG22-L	1	根据窗型规格而定 Depend on window size

可选择配件请参阅下图：
Optional Hardware

CZS160 执手 CZS 160 Handle	LBCQ11 温控闭窗器 LBCQ 11 Temperature-Controlled Window Closer

配置说明：

- ① 本配置方案默认为外平开防火窗。建议锁点分布间距保持在 400mm 以内。
- ② 5#、6# 和 11# 配件配套使用，可实现温控自动锁闭功能。
- ③ 耐火杆长度可根据窗型规格定制。（以 50mm 为单位逐渐递增；最短 50mm）
- ④ 不锈钢支撑结构，避免窗扇受热后变形下垂。
- ⑤ 温控闭窗器开启到限位状态以后，当温度达到 (74±0.5) °C时，温控装置启动，窗扇可自动关闭。
- ⑥ 耐火杆长度可根据窗高定制。（以 50mm 为单位逐渐递增；最短为 300mm）
- ★ 绿色配件为选择性配件。

Configuration Description:

- 1.This configuration scheme defaults to the external-casement fire window. It is recommended that the distribution spacing of lock points be kept within 400mm.
- 2.To use No.5, No.6, No.11 together can realize the function of temperature control automatic locking.
- 3.Refractory rod can be asjusted by the window size.(Gradually increase in 50mm increments; Minimum 50mm)
- 4.Stainless steel supporting structure can prevent window deformation after heating.
- 5.After the temperature control window closer is opened to the limit state, when the temperature reaches (74±0.5) °C, the temperature control device is activated and the windoe can be automatically closed.
- 6.The length of the refractory rod can be customized according to the window height. (Gradually increase in 50mm increments; The shortest is 300mm)
- ★ Hardware in green are optional accesories.

外框组角工艺

Outer Frame Corner Assemble Technic

①底框端面开排水孔

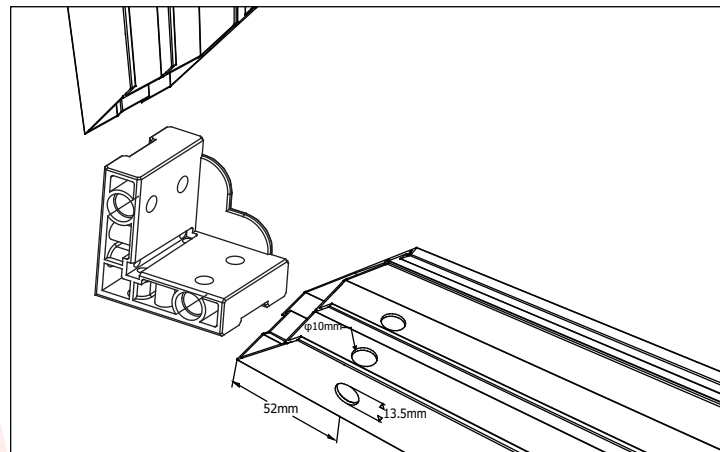
Bottom Frame Upper Surface Drainage Hole

要求:

底框内口距边52mm开 $\phi 10$ mm圆孔, 作为下水孔
底框内口距边52mm开 $\phi 13.5$ mm圆孔, 作为排水盖孔。

Requirement:

The inner mouth of the bottom frame is 52mm from the side and opens a round hole of $\phi 10$ mm as a drainage hole
The inner mouth of the bottom frame is 52mm from the side and opens a round hole of $\phi 13.5$ mm as a drainage cover hole.



②底框下口开注胶孔

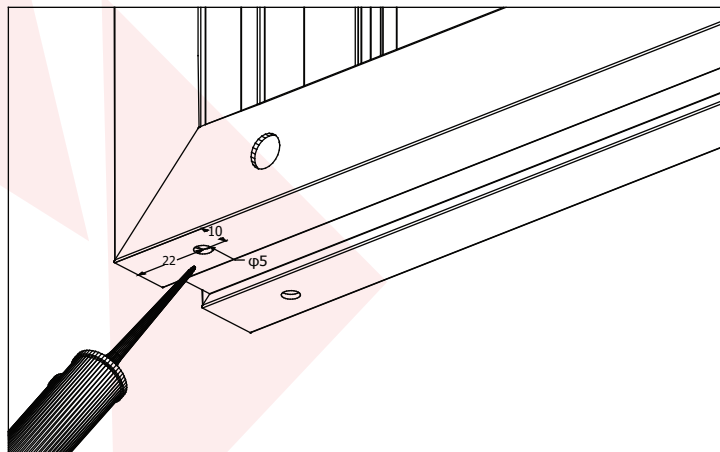
Bottom Frame Bottom Surface Rubber Injection Hole

要求:

底框外口距边22mm开 $\phi 5$ mm圆孔, 作为注胶孔。
注胶需从一侧注胶孔注入, 另外一侧注胶孔溢出作为注胶完成标准。

Requirement:

The outer mouth of the bottom frame is 22mm from the edge to open a round hole of $\phi 5$ mm as a rubber injection hole.
Rubber injection should be injected from one side of the injection hole, and the other side of the injection hole overflow as the completion standard of Bottom Frame Bottom Surface Rubber Injection Hole rubber injection.



③外侧可选配增加盖缝件

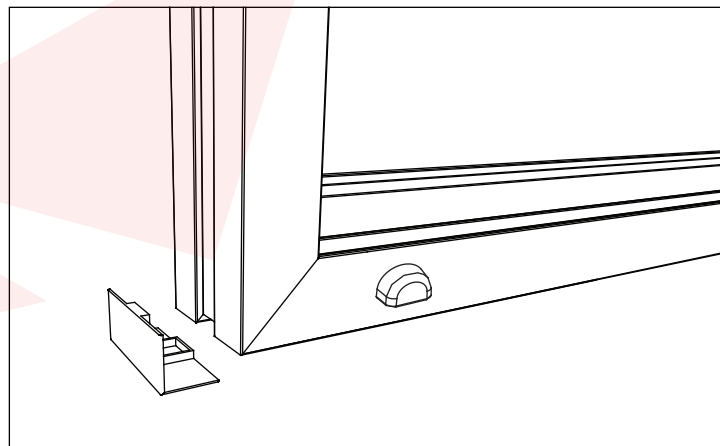
Outside Can Choose Adding Gap Cover Piece

要求:

安装盖缝件前, 均匀涂抹硅酮耐候胶

Requirement:

Spread silicone weather resistant glue evenly before installing the gap cover piece.



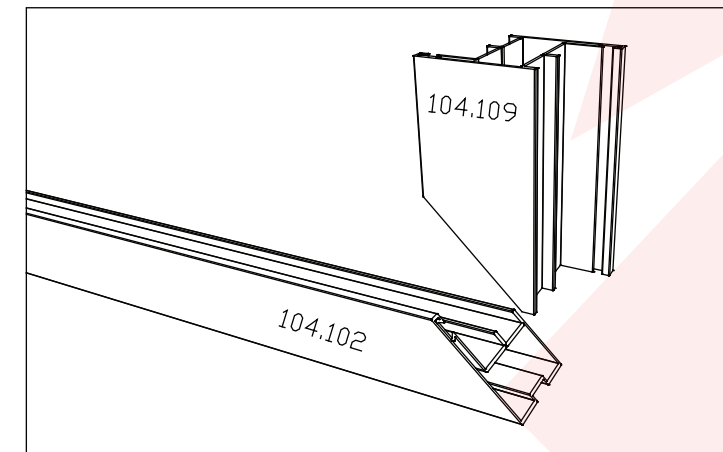
转向中挺连接工艺

Turning Middle Frame Connection Technic

①转向中需45°切割

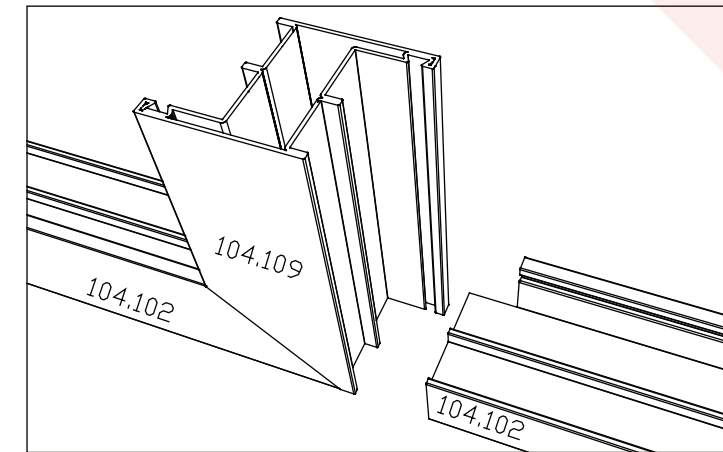
②转向中挺角部90°切除27mm

1. Turning middle frame needs 45°cutting.
2. Turning middle frame corner 90°cutting 27mm.



③外框90°切割后沿外口铣边21mm

Outer frame 90°cutting follow by edge milling 21mm along the outer edge.

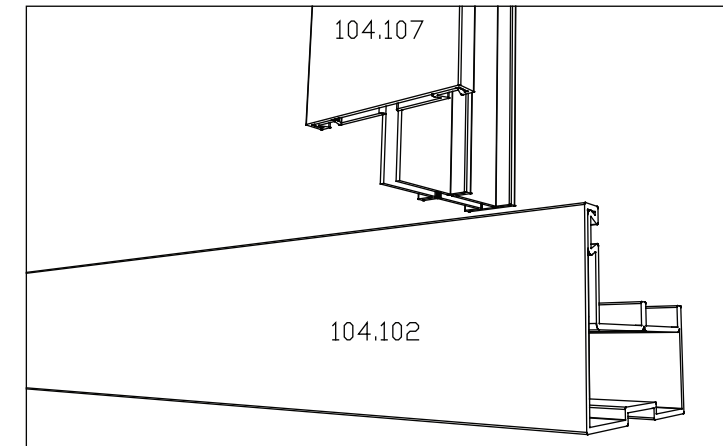


中挺连接工艺

Middle Frame Connection Technic

中挺端面需沿外口铣边21mm

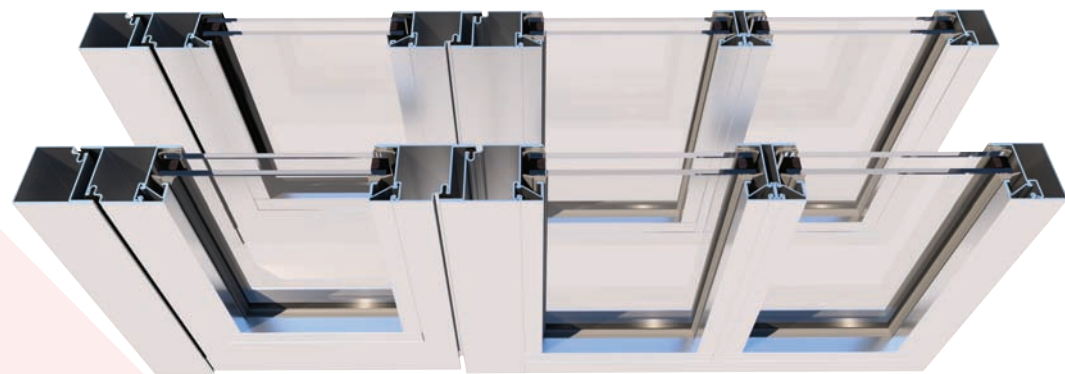
Middle frame section surface need edge milling 21mm along the outer edge.





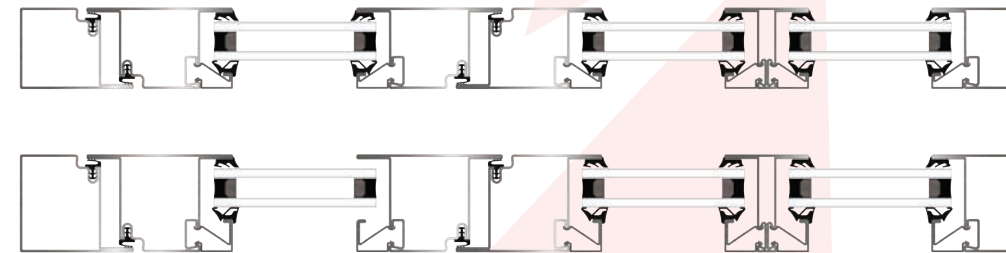
C类防火门·隔断系统

Class C Fire Resistance Door/Partition System



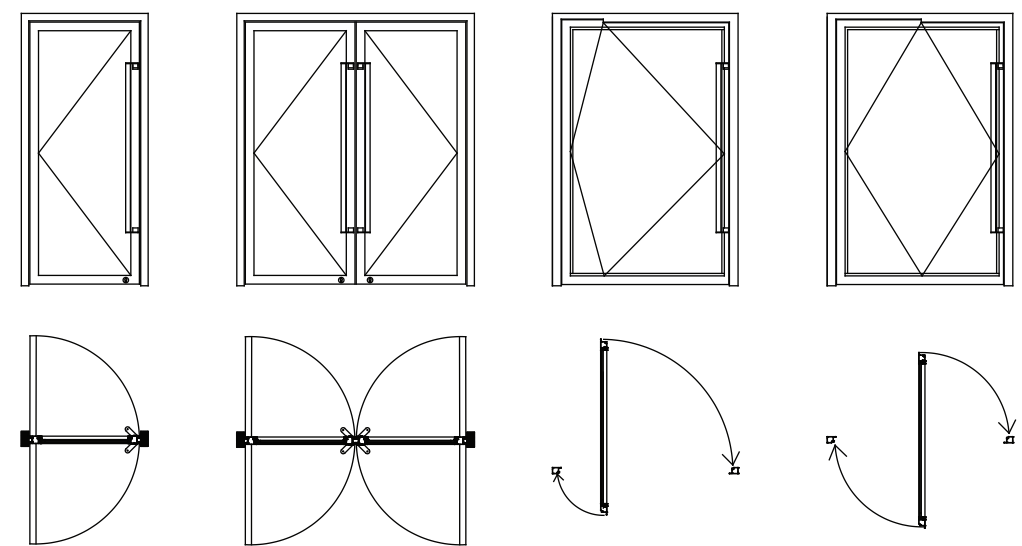
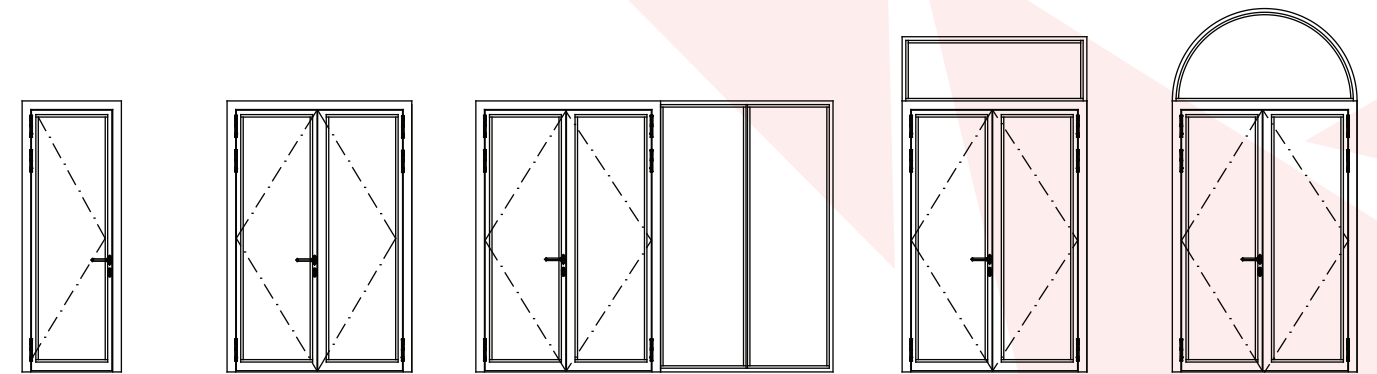
IPR50、60防火门、隔断系统，适用于写字楼、商场、银行、博物馆、医院、实验室、机房等室内场所。
 型材R角的独特设计让视觉效果极致精美；钢制压条与型材C槽完美结合，配合尺寸达到极致；立柱与横梁卡扣式定位连接无缝隙、无错位；边框端面缺口模具冲压完成。完全实现了标准化、模具化、装配化制作安装的理想模式。

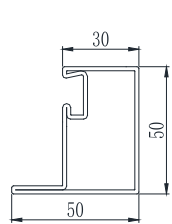
Class C Fire Resistance Door/Partition System
 IPR 50, 60 Fire Resistance Door/Partition System, can be applied to office building, mall, bank, museum, hospital, laboratory and computer room etc. indoor environment. The unique R angle of the profile make the outlook effect extremely exquisite. The Steel buckle bar and C groove matches perfectly, the fit size reaches the extreme. The column and beam snap-in positioning connection are seamless and no misalignment; Frame section phase notch die stamping completed. The ideal mode of standardization, molding, and assembly production and installation has been fully realized.



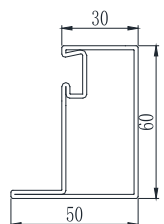
50系列
50 Series

60系列
60 Series

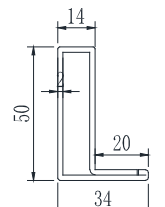




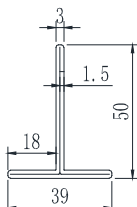
105.101
2.719 kg/m



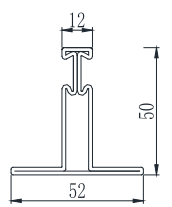
105.108
2.970 kg/m



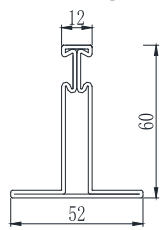
105.139
2.465 kg/m



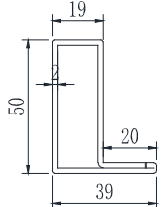
105.132
2.44 kg/m



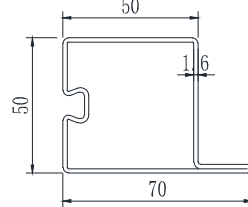
105.102
2.602 kg/m



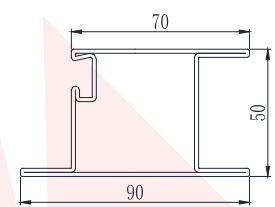
105.109
2.838 kg/m



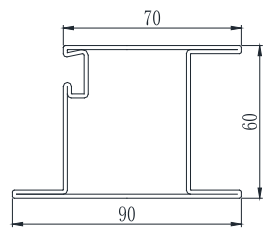
105.138
2.622 kg/m



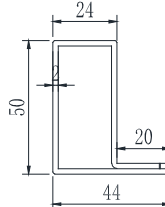
105.130
3.071 kg/m



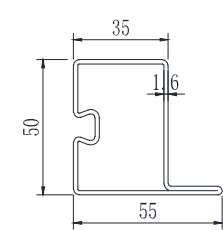
105.103
4.157 kg/m



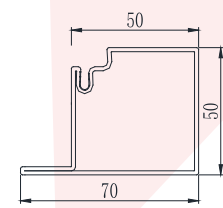
105.110
4.409 kg/m



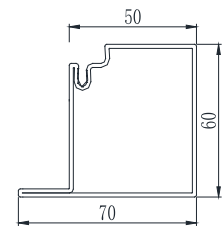
105.137
2.779 kg/m



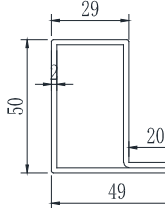
105.131
2.694 kg/m



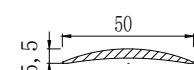
105.104
3.027 kg/m



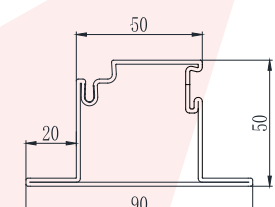
105.111
3.278 kg/m



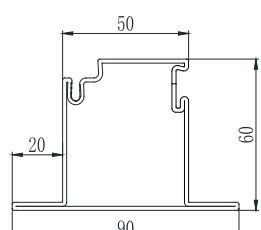
105.136
2.944 kg/m



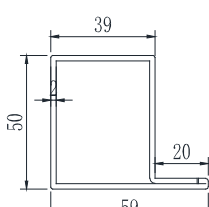
105.201
0.352 kg/m



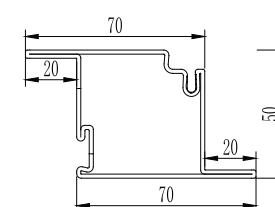
105.105
3.743 kg/m



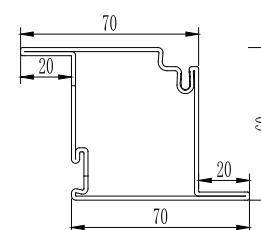
105.112
4.994 kg/m



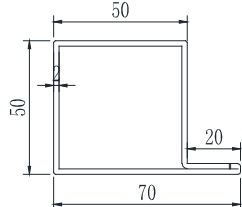
105.135
3.258 kg/m



105.106
3.718 kg/m



105.113
4.969 kg/m



105.140
3.603 kg/m



420.110
0.735 kg/m



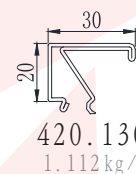
420.115
0.829 kg/m



420.120
0.923 kg/m



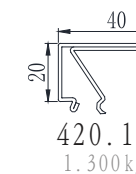
420.125
1.017 kg/m



420.130
1.112 kg/m



420.135
1.206 kg/m



420.140
1.300 kg/m



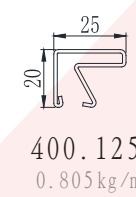
400.112
0.560 kg/m



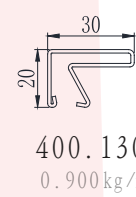
400.115
0.617 kg/m



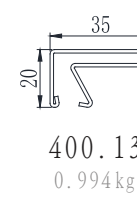
400.120
0.711 kg/m



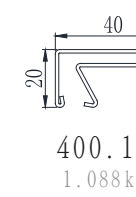
400.125
0.805 kg/m



400.130
0.900 kg/m



400.135
0.994 kg/m



400.140
1.088 kg/m



305.301

搭边胶条(阻燃+膨胀)

Bridge Seal Gasket

位置: 开启搭边

Location: Opening frame bridge



305.302

玻外胶条(阻燃+膨胀)

Outside Gasket

位置: 型材与玻璃外侧间胶条

Location: Between profile and outside glass



305.303

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Glass buckle bar



305.304

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Glass buckle bar



305.305

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Glass buckle bar



305.306

地弹簧门胶条(阻燃)

Floor Closer Door Gasket

位置: 扇框密封

Location: Sash frame seal



305.307

地弹簧门胶条(阻燃)

Floor Closer Door Gasket

位置: 扇框密封

Location: Sash frame seal



305.901

地弹簧门密封毛条

Floor Closer Door Strip

位置: 扇框密封

Location: Sash frame seal

50系列玻璃胶条匹配表
50 Series Glass Gasket Matching Table

玻外胶条 Outside Gasket	玻内胶条 Inside Gasket						胶条 Gasket 压条 Buckle Bar
	305.303	305.303	305.304	305.304	305.305		
305.302 							
5	24	25	26	27	28	 420.110	
	19	20	21	22	23	 420.115	
	14	15	16	17	18	 420.120	
	9	10	11	12	13	 420.125	
		5	6	7	8	 420.130	
						 420.135	
						 420.140	

60系列玻璃胶条匹配表
60 Series Glass Gasket Matching Table

玻外胶条 Outside Gasket	玻内胶条 Inside Gasket						胶条 Gasket 压条 Buckle Bar
	305.303	305.303	305.304	305.304	305.305		
305.302 							
5	34	35	36	37	38	 420.110	
	29	30	31	32	33	 420.115	
	24	25	26	27	28	 420.120	
	19	20	21	22	23	 420.125	
	14	15	16	17	18	 420.130	
	9	10	11	12	13	 420.135	
		5	6	7	8	 420.140	

50多功能压条匹配表
50 Multi-Function Buckle Bar Matching Table

玻外胶条 Outside Gasket	玻内胶条 Inside Gasket					
305.302 	305.303 	305.303 	305.304 	305.304 	305.305 	300.151
5		23 	24 	25 	26 	 400.112
	19 	20 	21 	22 		 400.115
	14 	15 	16 	17 	18 	 400.120
	9 	10 	11 	12 	13 	 400.125
	4 	5 	6 	7 	8 	 400.130
						 400.135
						 400.140

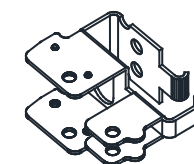


300.151

通用压条螺钉

General Buckle Bar Screw

位置: 固定压条
备注: 需匹配压条400.112-400.140
Location: Stable buckle bar
Note: Need buckle bar 400.112-400.140

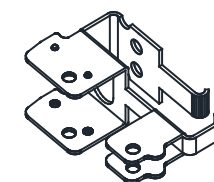


205.101

50系列固定框定位连接件

50 Series Fixed Frame Stable Connector

位置: 外框90°连接
备注: 需配套φ4.2*19mm盘头自攻螺丝
Location: Out frame 90°connect
Note: Need 4.2*19 pan head self screw



205.102

60系列固定框定位连接件

60 Series Fixed Frame Stable Connector

位置: 外框90°连接
备注: 需配套φ4.2*19mm盘头自攻螺丝
Location: Out frame 90°connect
Note: Need 4.2*19 pan head self screw

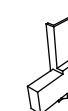


205.104

中挺定位连接件

Mid-Frame Stable Connector

位置: 中挺90°连接
备注: 需配套GB/T 15856.2-2002
十字槽沉头自攻自钻螺钉
Location: Mid-frame 90°connect
Note: Cross-grooved countersunk self-tapping self-drilling screws

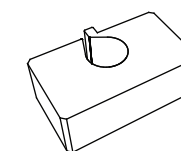


305.311

密封件

Sealing Piece

位置: 双开门搭边
备注: 需配套三元乙丙胶使用
Location: Double doors
Note: Need to use EPDM glue

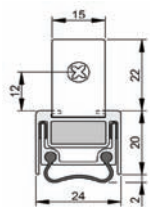


500.101

焊接合页模具

Welding Hinge Mode

备注: 单扇门需4件模具同时使用
Note: Single sash door need to use 4 mode at the same time.



200.201

自动门底密封条

Automatic Door Bottom Seal

备注: 长度220-2000mm
订货前确认门扇宽度-40mm为门底封长度
Note: Length 220-2000mm
Please confirm each width-40mm are seal length



205.110

2D焊接合页

2D Welding Hinge

备注: 上下调节±4.5mm
配套模具500.101
Note: Up and down adjustment ±4.5mm
Matching mode 500.101



205.121

2D焊接合页 (窗用)

2D Welding Hinge(window)

备注: 上下调节±4.5mm
Note: Up and down adjustment ±4.5mm



205.111

3D螺接合页

3D Spiral Hinge

备注: 三维可调节
Note: 3 Dimension Adjustable



205.115

隐藏式合页

Invisible Hinge

备注: 适用于平开门
Note: Suitable for swing doors



205.114

联动插销

Linkage Latch

备注: 适用于双开门被动扇
需配合额外的顶部插销使用
Note: Suitable for double door passive fan
Use with an additional top latch



205.120

标准锁体

Standard Lock Body

备注: 适用于DIN左/右手门安装,锁边距为30mm
拨轮: 8mm
Note: Apply for DIN left/right door installation
Dial Wheel: 8mm

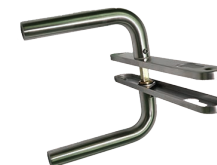


205.112

分体执手

Split Handle

拨轮: 8mm
Dial Wheel: 8mm



205.113

联体执手

Joint Handle

拨轮: 8mm
Dial Wheel: 8mm



200.131

锁芯

Lock Cylinder

备注: 32.5+32.5适用于50联体执手
Note: 32.5+32.5 suitable for 50 Joint Handle



200.132

锁芯

Lock Cylinder

备注: 35+35适用于50分体执手
Note: 35+35 suitable for 50 Joint Handle



200.133

锁芯

Lock Cylinder

备注: 37.5+37.5适用于60联体执手
Note: 37.5+37.5 suitable for 60 Joint Handle



200.134

锁芯

Lock Cylinder

备注: 40+40适用于60分体执手
Note: 40+40 suitable for 60 Joint Handle



200.135

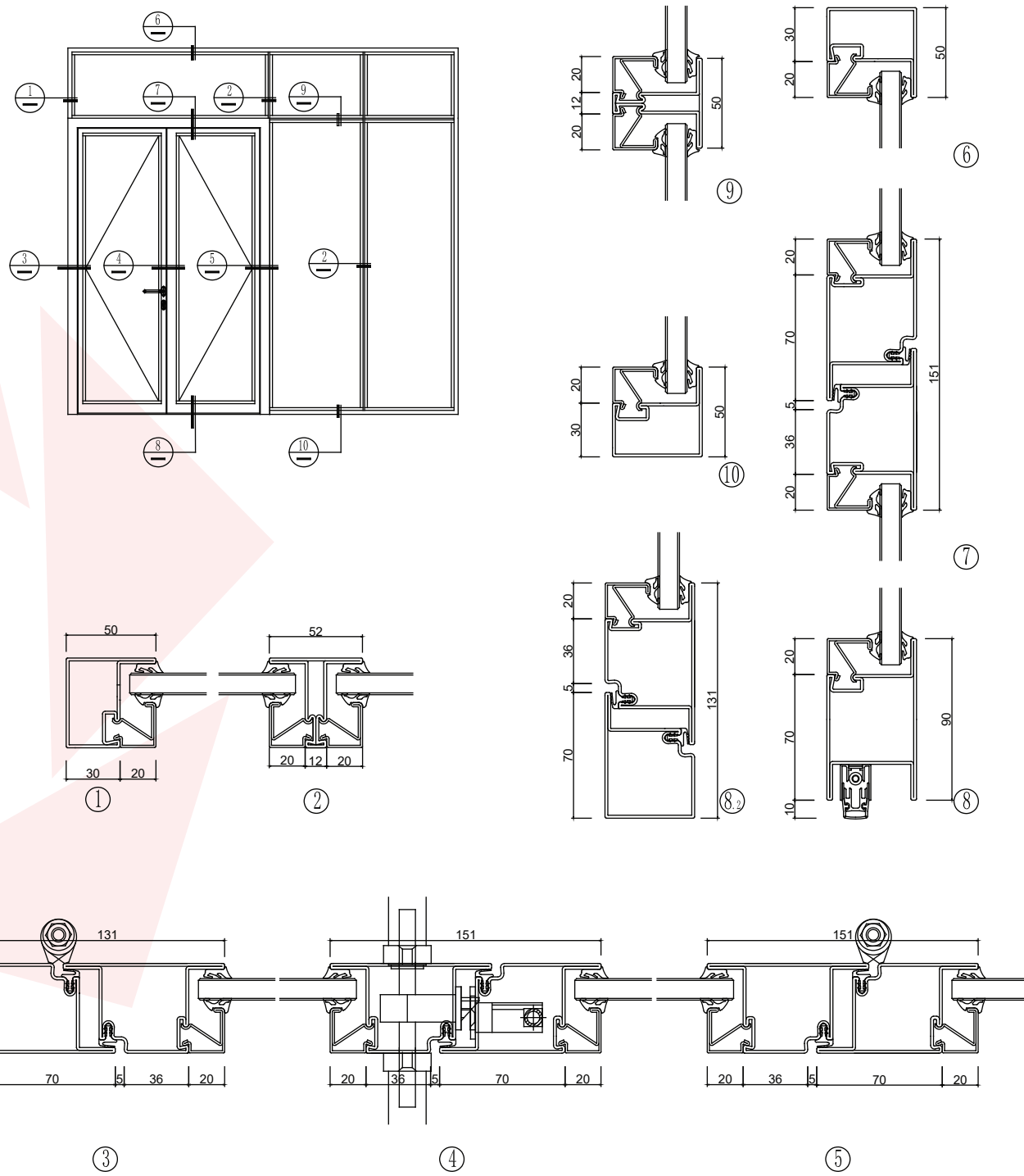
插销防尘筒

Pin Dust Cap

备注: 适用于双开门被动扇天地插销孔
需配合额外的顶部插销使用
Note: Suitable for double door passive fan world and earth
pin hole need to be used with additional top latch

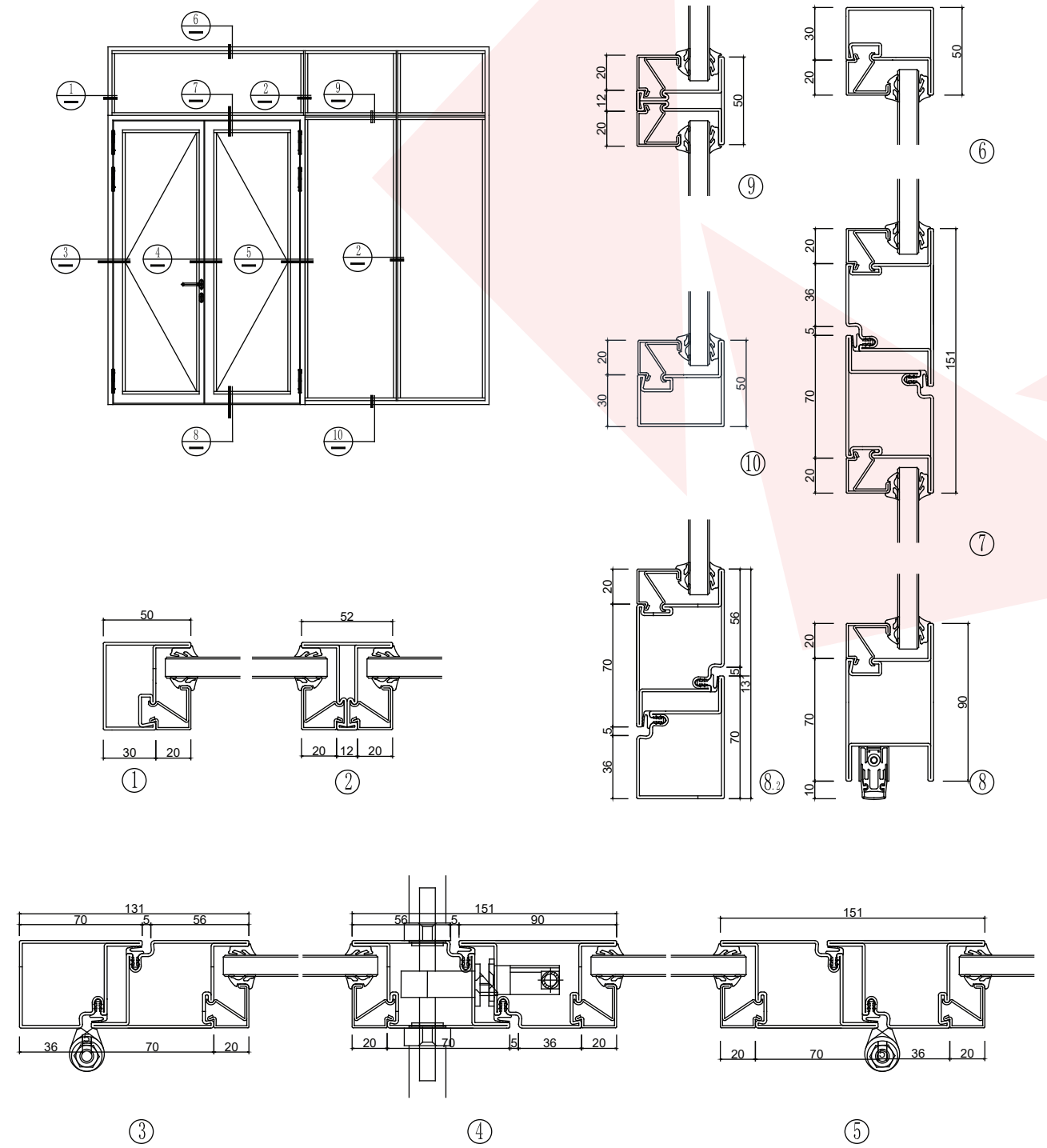
外开门节点

External Opening Door Joint



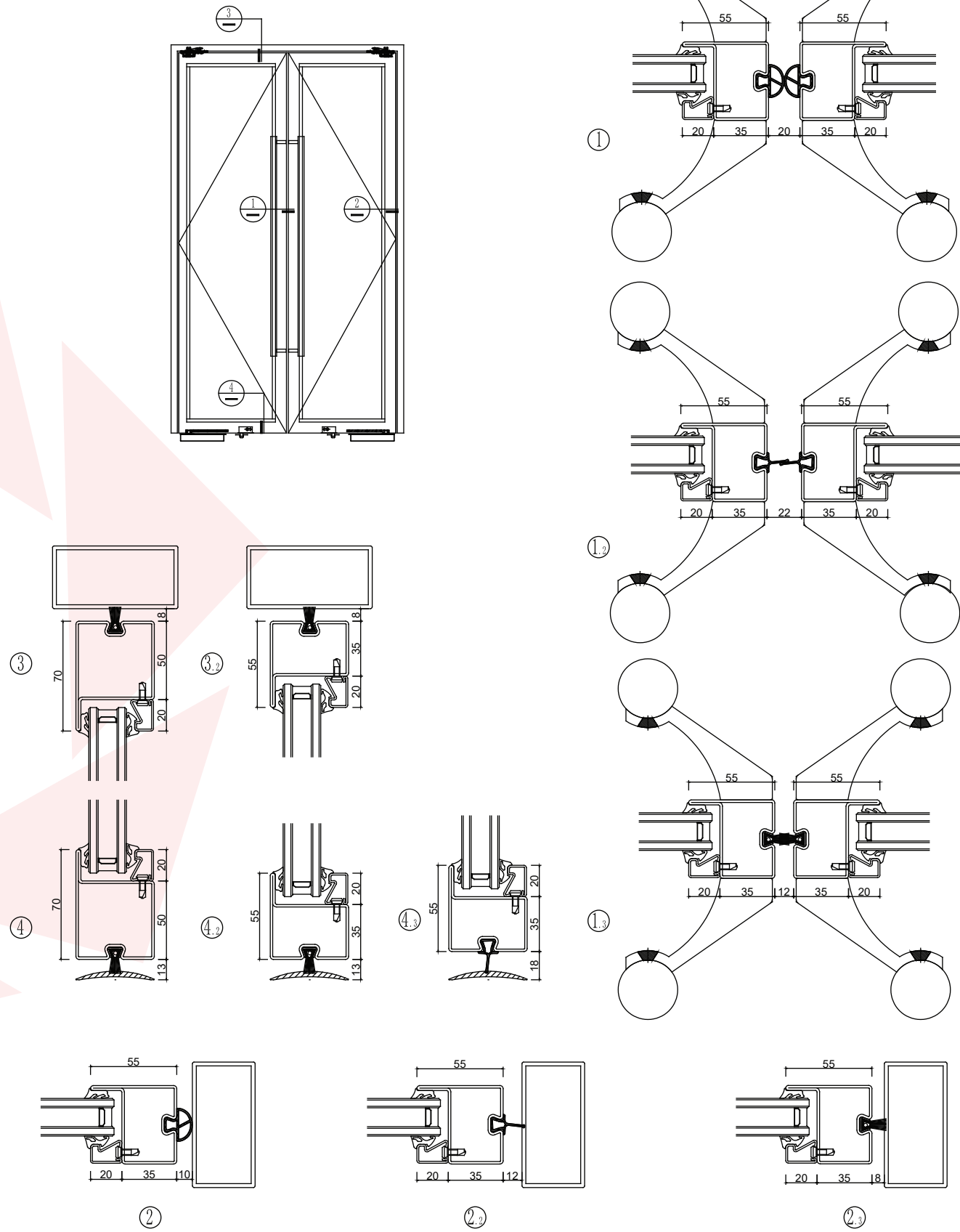
内开门节点

Internal Opening Door Joint



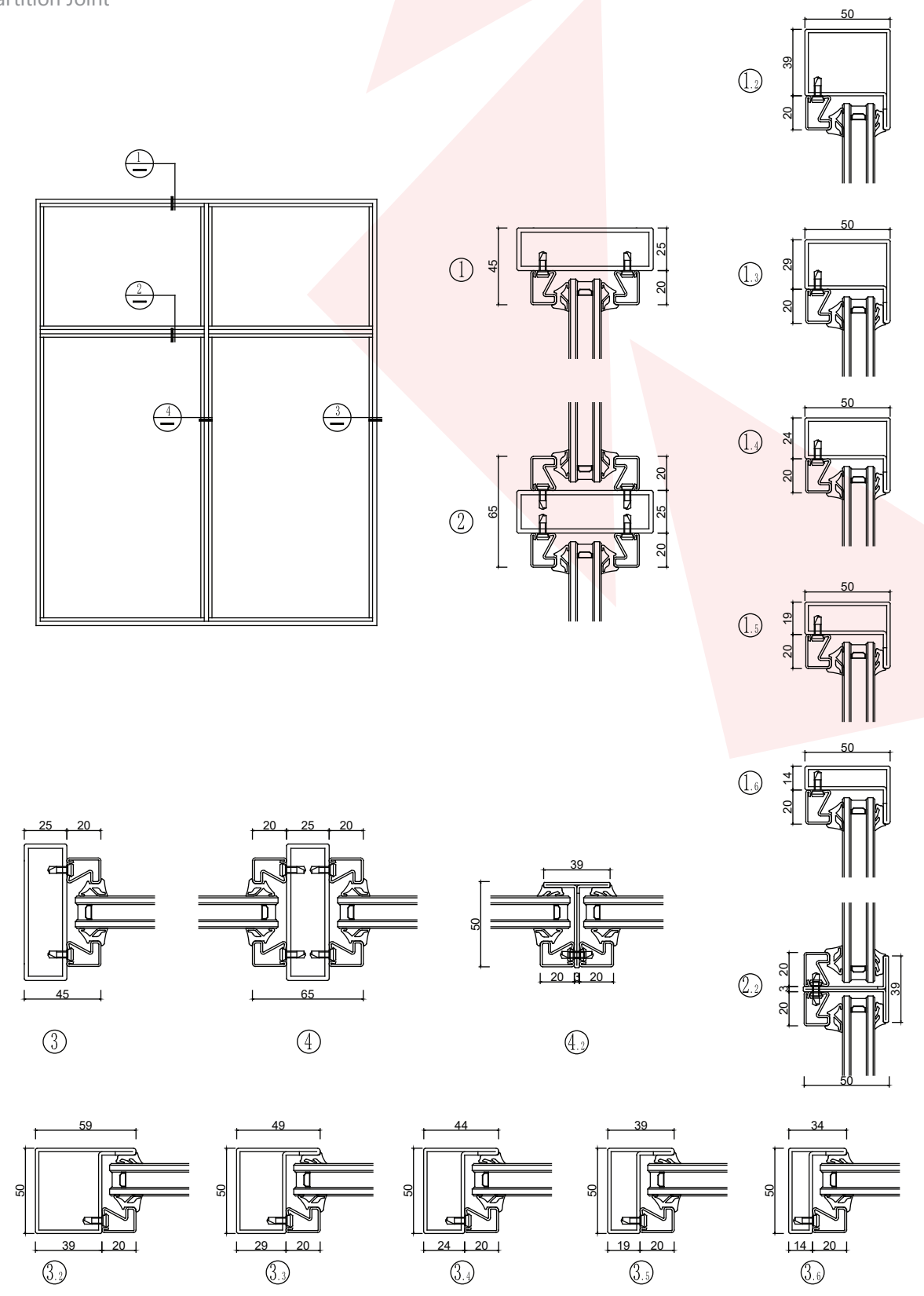
地弹簧门节点

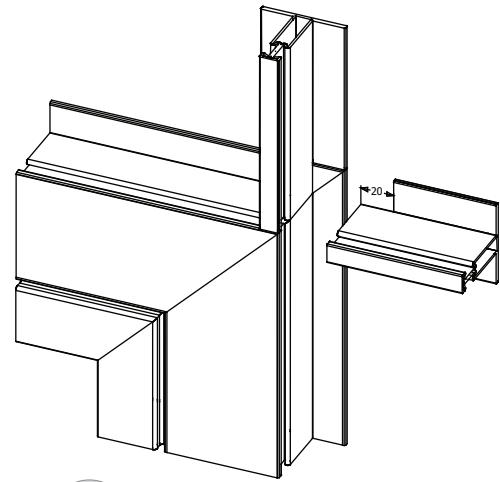
Floor Closer Door Joint



隔断节点

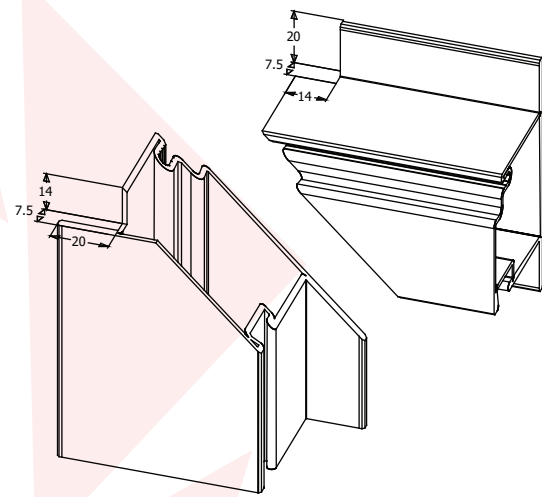
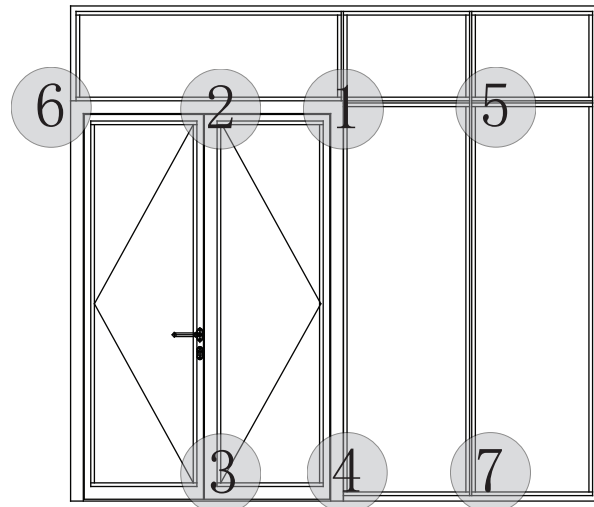
Partition Joint





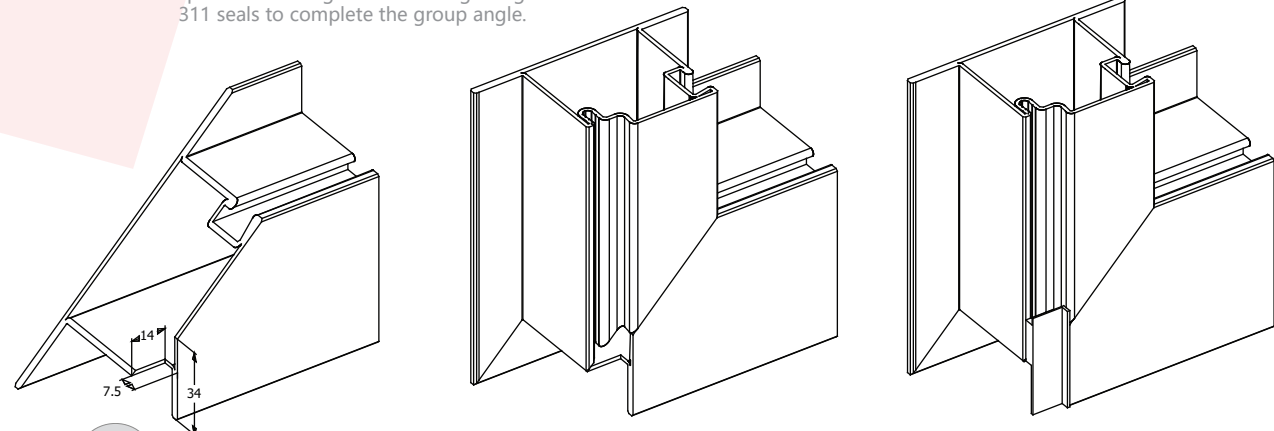
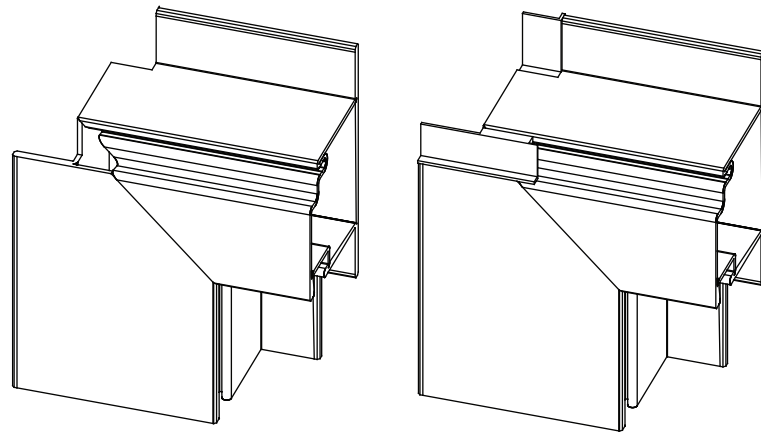
1 要求: 门转向框45°拼接, 中挺90°切角铣边20mm。必须焊接拼角, 不能采用连接件。

Requirement: The door steering frame is spliced 45°, and the middle straight is 90° and the angle milling edge is 20mm. Corners must be welded and connections cannot be used



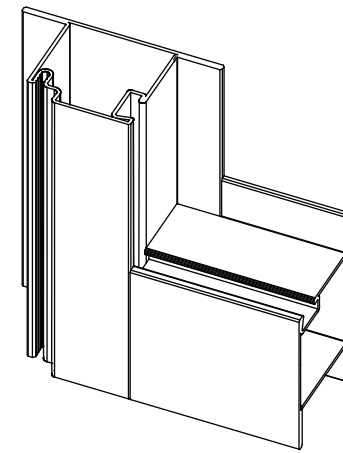
2 要求: 门扇45°切角, 按图铣边拼接使用305.311密封件完成组角。

Requirement: The door leaf is cut at 45° angle, and the milled edge splicing is spliced according to the drawing using 305.311 seals to complete the group angle.

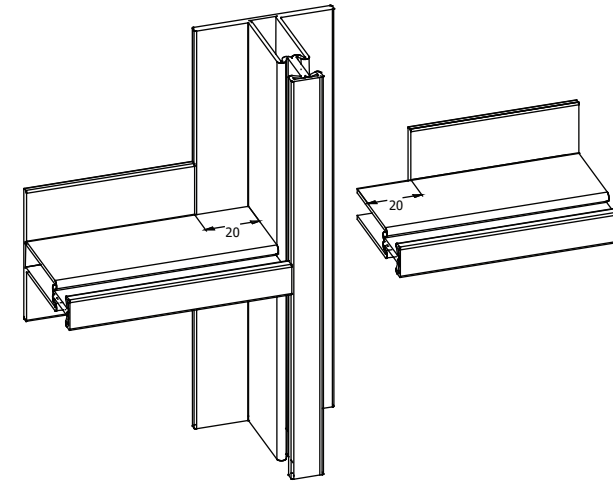


3 要求: 门边扇与底扇45°切角, 底扇按图铣边。拼接后使用密封件305.311完成组角。

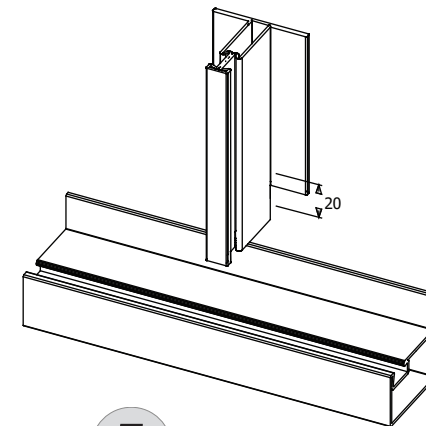
Requirement: The door side sash and the bottom sash are angled at 45°, and the bottom sash is milled according to the drawing. After splicing, the angles are completed using seal 305.311



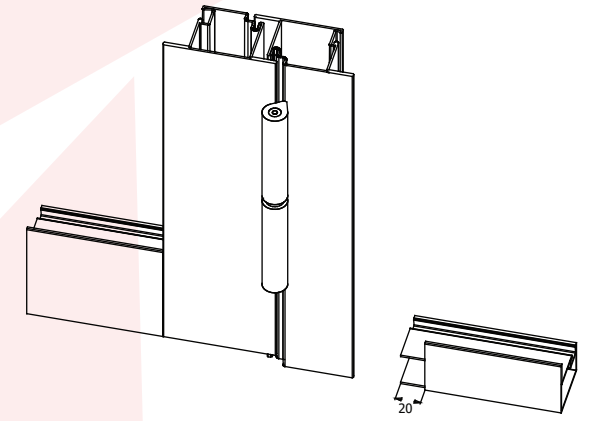
3.2 要求: 底边扇90°切角, 端面铣边20mm
Requirement: Bottom sash 90° chamfered, end milling 20mm



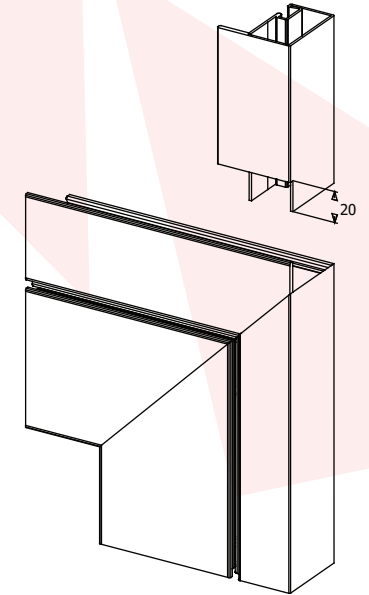
5 要求: 横中挺90°切角, 端面铣边20mm
Requirement: Horizontal mid frame 90° chamfered, end milling 20mm



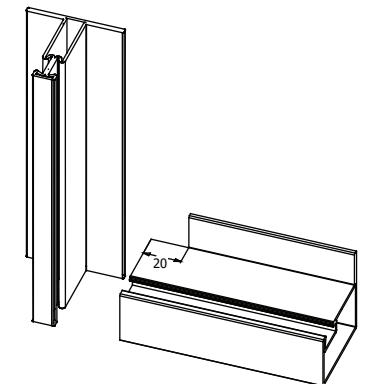
7 要求: 竖中挺90°切角, 端面铣边20mm
Requirement: Vertical mid frame 90° chamfered, end milling 20mm



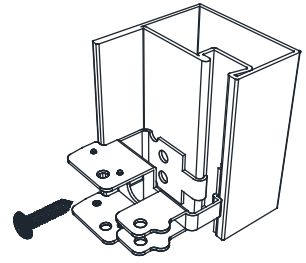
4 要求: 固定框90°切角后端面铣边20mm
Requirement: Fixed frame 90° chamfered, end milling 20mm.



6 要求: 门转向框45°切角, 切除角部20mm 固定框90°切角, 端面铣边20mm 必须焊接拼角, 不能采用连接件。
Requirement: The door steering frame has a 45° cut corner, and the cutting angle is 20mm. Fixed frame 90° cut angle, end face milling edge 20mm. Corners must be welded and connections cannot be used



7.2 要求: 横框90°切角, 端面铣边20mm
Requirement: Horizontal frame 90° chamfered, end milling 20mm



框连接工艺

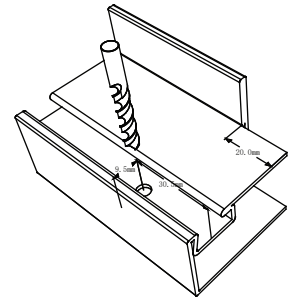
Frame Connection Technic

①框安装连接件

Frame Installation Connector

要求:4.2*19盘头自攻螺丝链接。

Note: Need 4.2*19 pan head self screw to connect



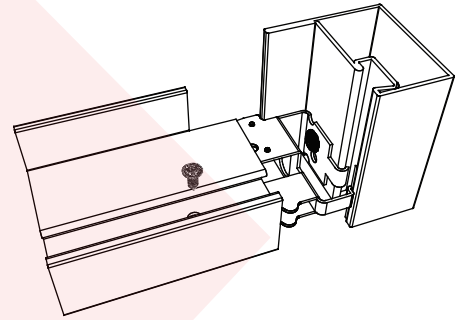
②横框铣边及开孔

Horizontal Frame Milling and Drilling

要求: 横框外口铣边20mm,

内口距边30.5mm,槽口居中开孔 ϕ 5.1mm
(或使用英普锐专用冲压开孔设备)

Note: Horizontal frame outside edge milling 20mm.
Inside opening 30.5mm from the edge, drill ϕ 5.1mm
hole in the middle of rabbet,(or use Improve Technology
Special Drilling Equipment)

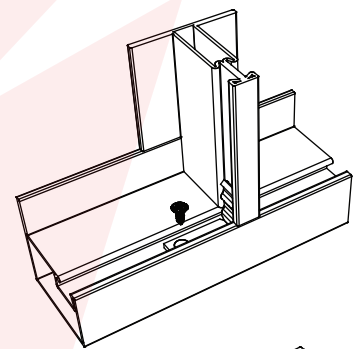


③框连接

Frame Connection

要求: 插接到位后, 采用4.2*19盘头自攻螺丝锁紧

Note: Use 4.2*19 pan head self screw to fasten.



中挺连接工艺

Mid Frame Connection Technic

①中挺连接件205.104

Mid Frame Connector 205.104

要求:4.2*19盘头自攻螺丝连接。

Note: 4.2*19 pan head self screw connect

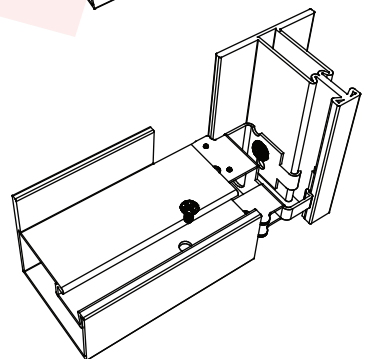
②框连接件205.101-205.102

Frame Connector 205.101-205.102

要求: 横框外口铣边20mm,

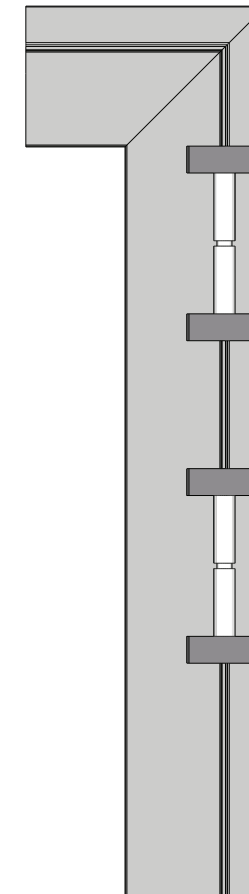
内口距边30.5mm,槽口居中开孔 ϕ 5.1mm
(或使用英普锐专用冲压开孔设备)

Note: Horizontal frame outside opening milling 20mm
Inside opening 30.5mm from edge, drill ϕ 5.1mm hole in the middle of rabbet.
(or use Improve Technology Special Drilling Equipment.)



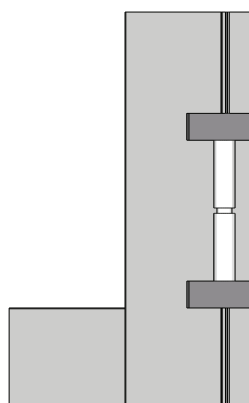
2D焊接合页装配

2D Welding Hinge Installation



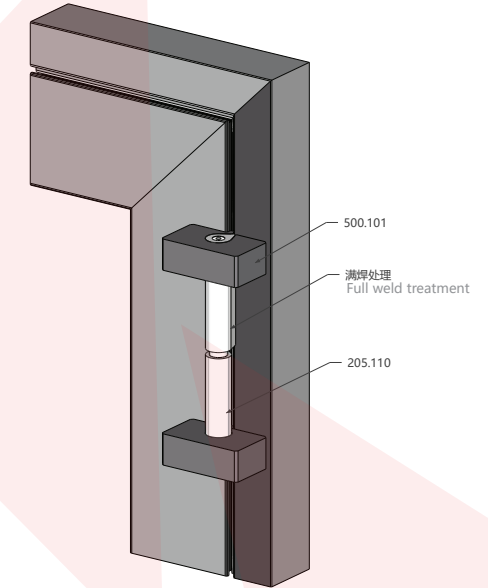
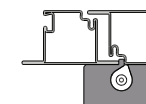
要求: 顶部合页
上口与门扇内口水平对齐

Note: Upper Hinge top Align
horizontally with the inner
door opening

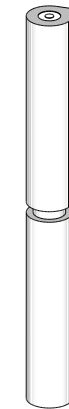


底部合页
底口与门扇内口对齐

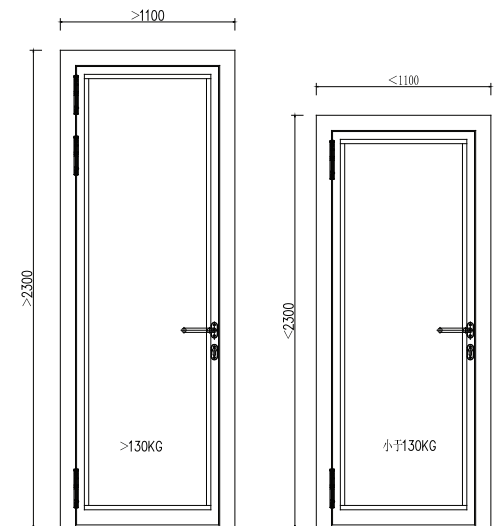
Down Hinge
The bottom opening is aligned
with the inner opening of the
door leaf



要求:先点焊后满焊,防止变形。
Note:First spot welding and then full
welding to prevent deformation



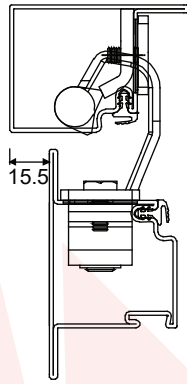
$\pm 4.5\text{mm}$



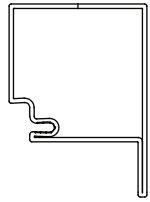
隐藏合页开孔图

Invisible Hinge Hole Drilling Guide

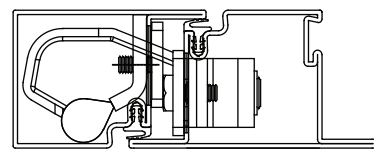
开启示意
Opening Diagram



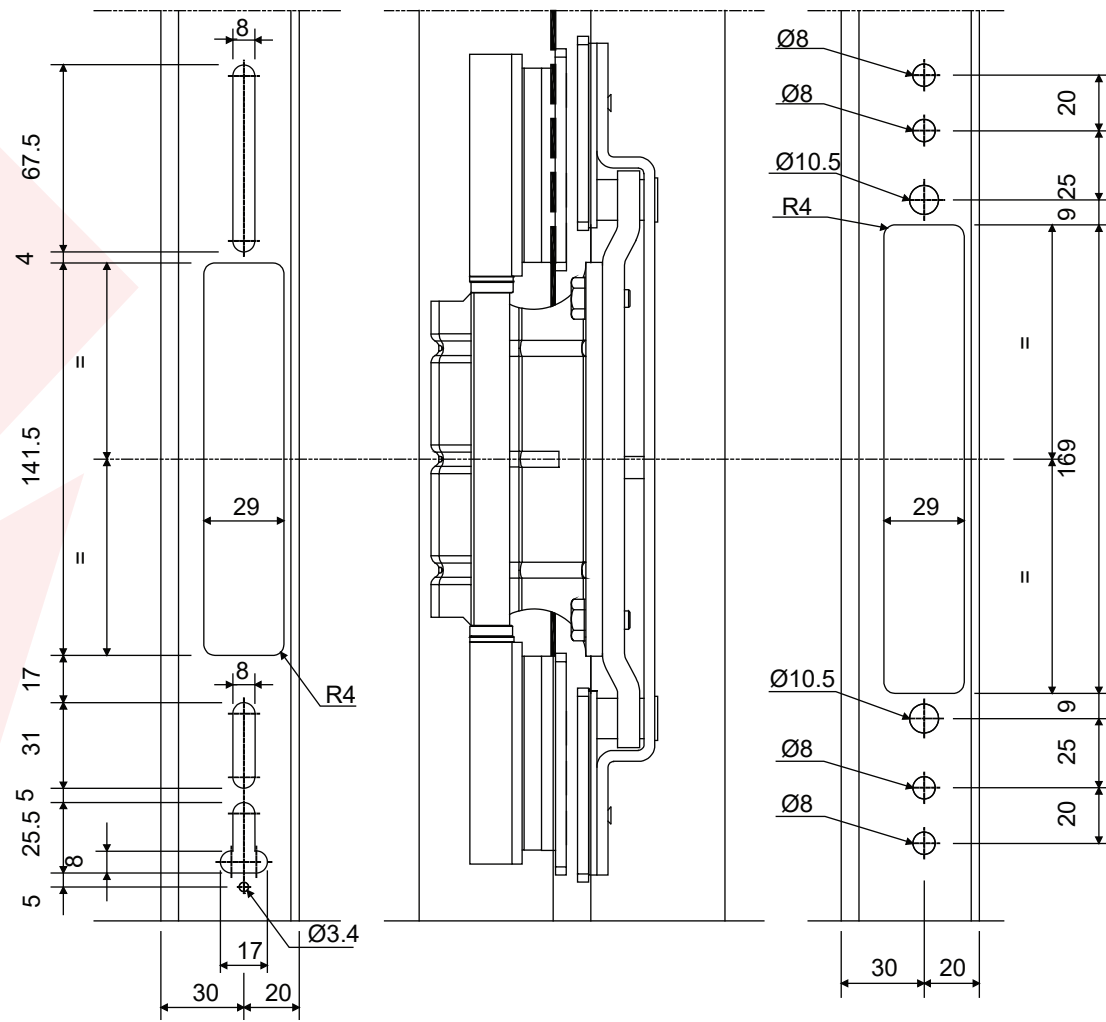
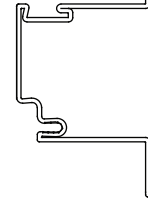
门框开孔
Frame Hole



安装示意
Installation



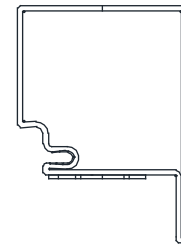
门扇开孔
Sash Hole



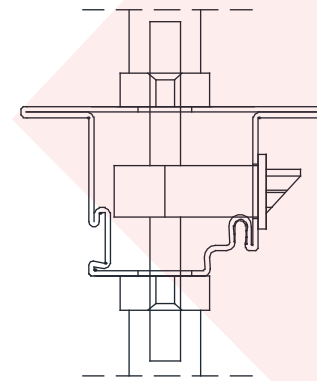
锁体开孔图

Lock Body Hole Drilling

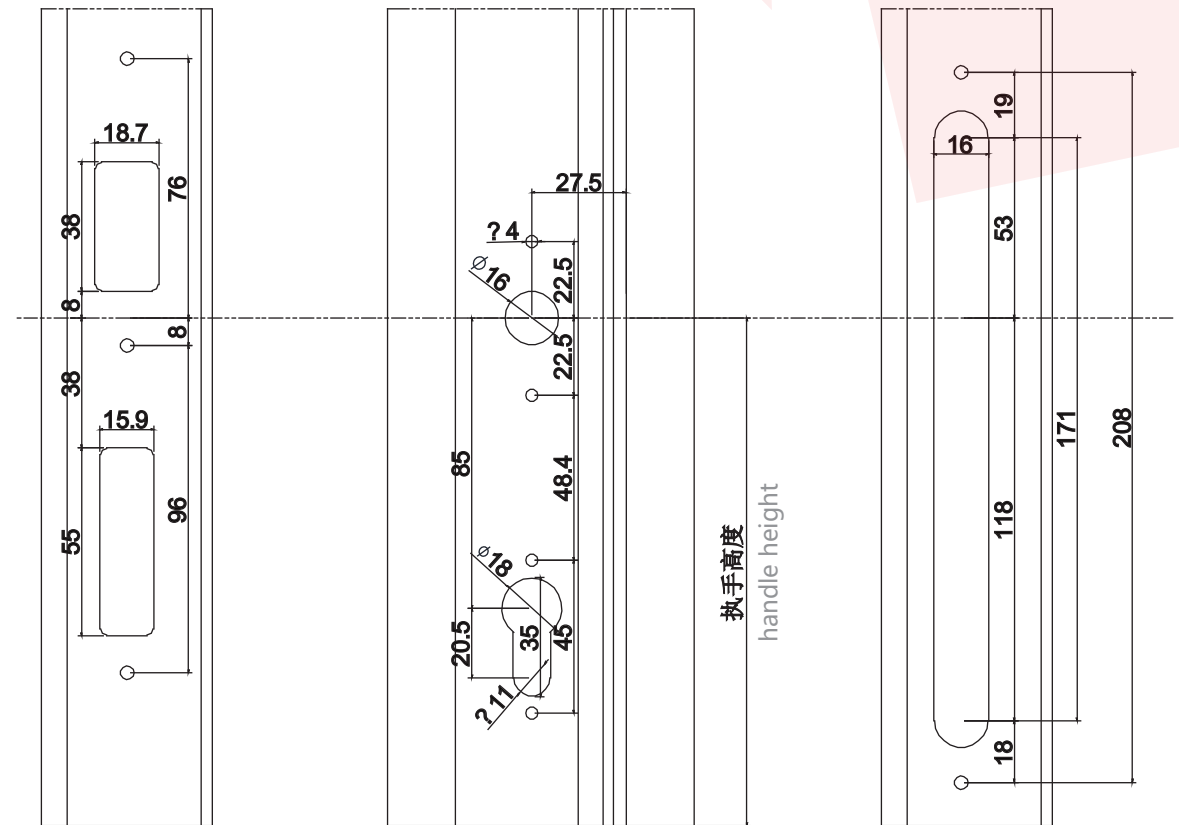
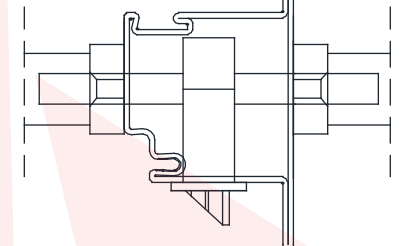
门框开孔
Frame Hole



执手开孔
Handle Hole



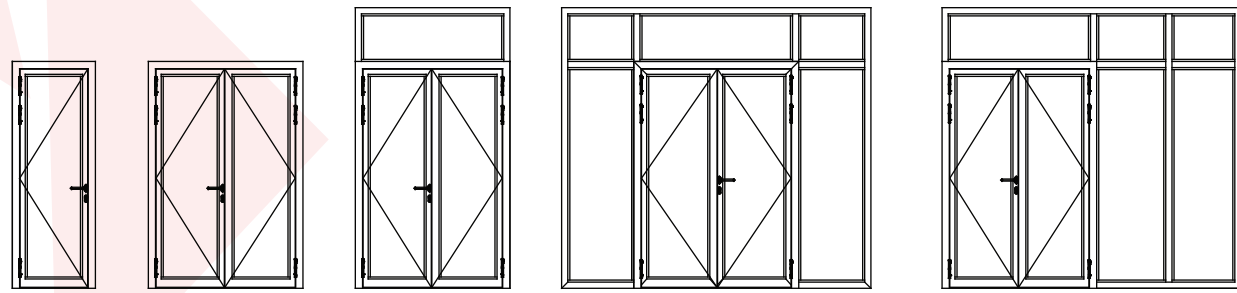
门扇开孔
Sash Hole





隔热防火门·隔断系统

Thermal Insulate Fire Resistance Door/Partition System



70F隔热防火门及隔断系统，可实现建筑项目对门窗的防火要求。配合不同材质隔热条，实现多种应用功能。

采用PA66+25GF达到高隔热性能，型材传热系数1.63W/ (m²·K) 轻松应对各种建筑节能要求。

采用YGM1300增强玻纤复合材料隔热条，在满足建筑节能的条件下可实现A1.0-A3.0防火等级。

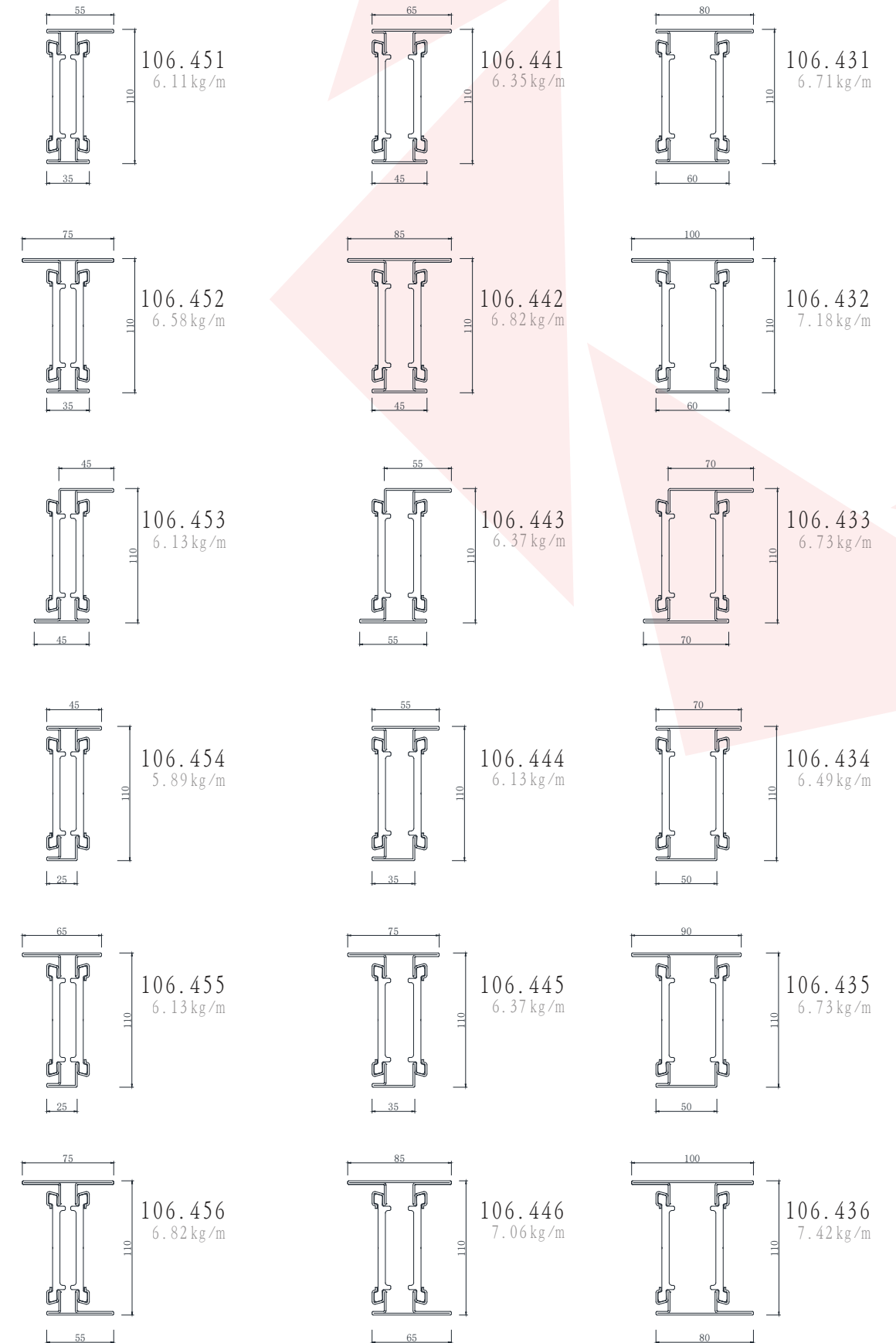
70F系列玻璃槽口为14-48mm，110F型材玻璃槽口达到45-88mm,能配合使用各种规格复合玻璃,可满足不同区域对门窗各种性能的要求。

齐全的型材规格，覆盖所有平开门样式，满足各类设计需求。

70F Thermal Insulate Fire Resistance Door/Partition System, can meet the window and door fire resistance standard of constructure. Apply different material insulated bar, to realize different functions
Using PA66+25GF to reach high performance of thermal insulate, profile heat transfer coefficient can easily respond to a wide range of building energy requirements.
Using YGM 1300 enhanced glass fiber composite thermal insulate strips, under the condition of meeting the energy efficiency of the building, the fire rating EI60-EI180 can be achieved.
70F System has 14-48mm glass rabbet, 110F profile has 45-88mm glass rabbet. Matches different specifications composite glass, it can meet the requirements of various performance of doors and windows in different areas.
A full range of profile sizes covering all swing door styles to meet a wide range of design needs.

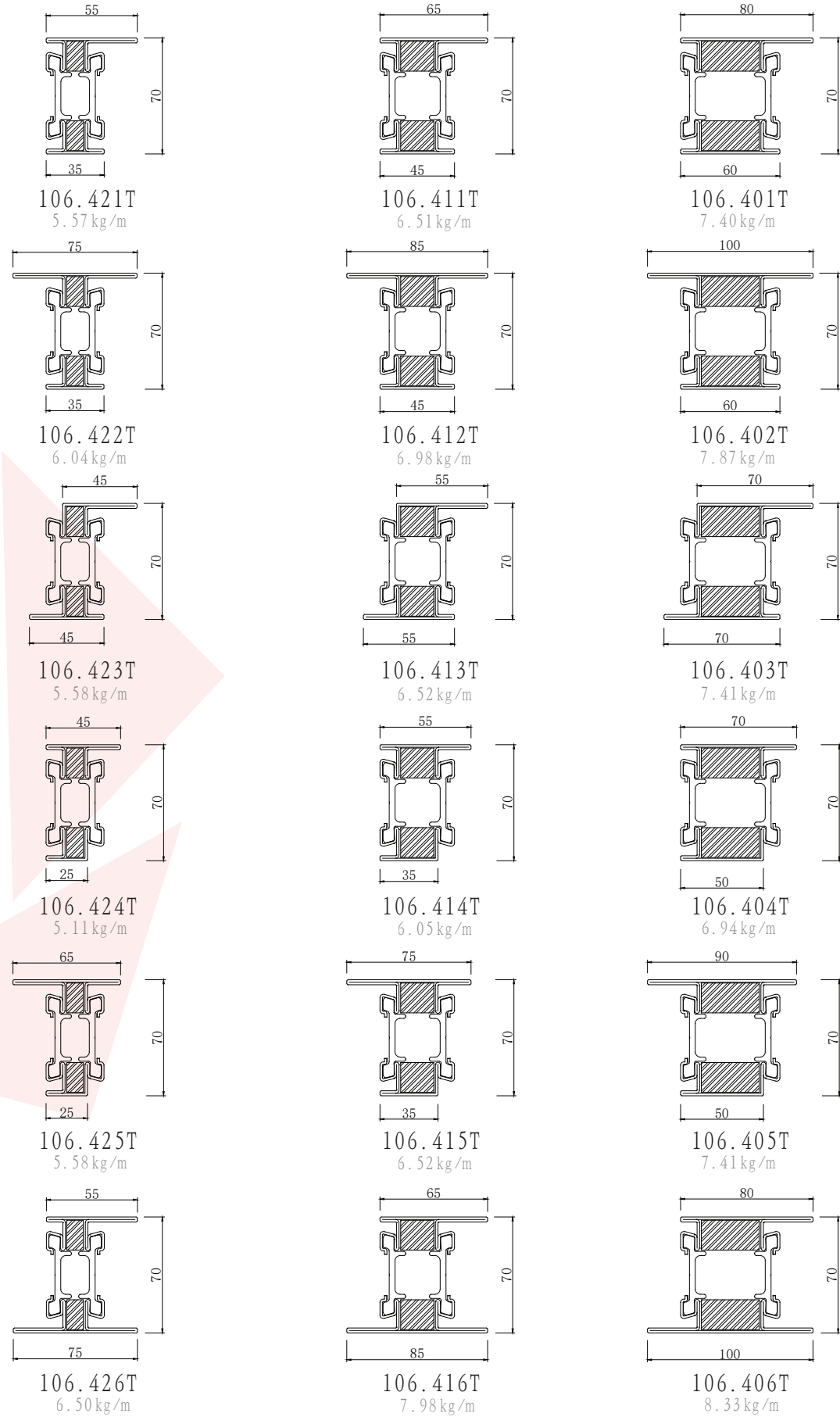
110F隔热防火型材

110F Thermal Insulate Fire Resistance Profile



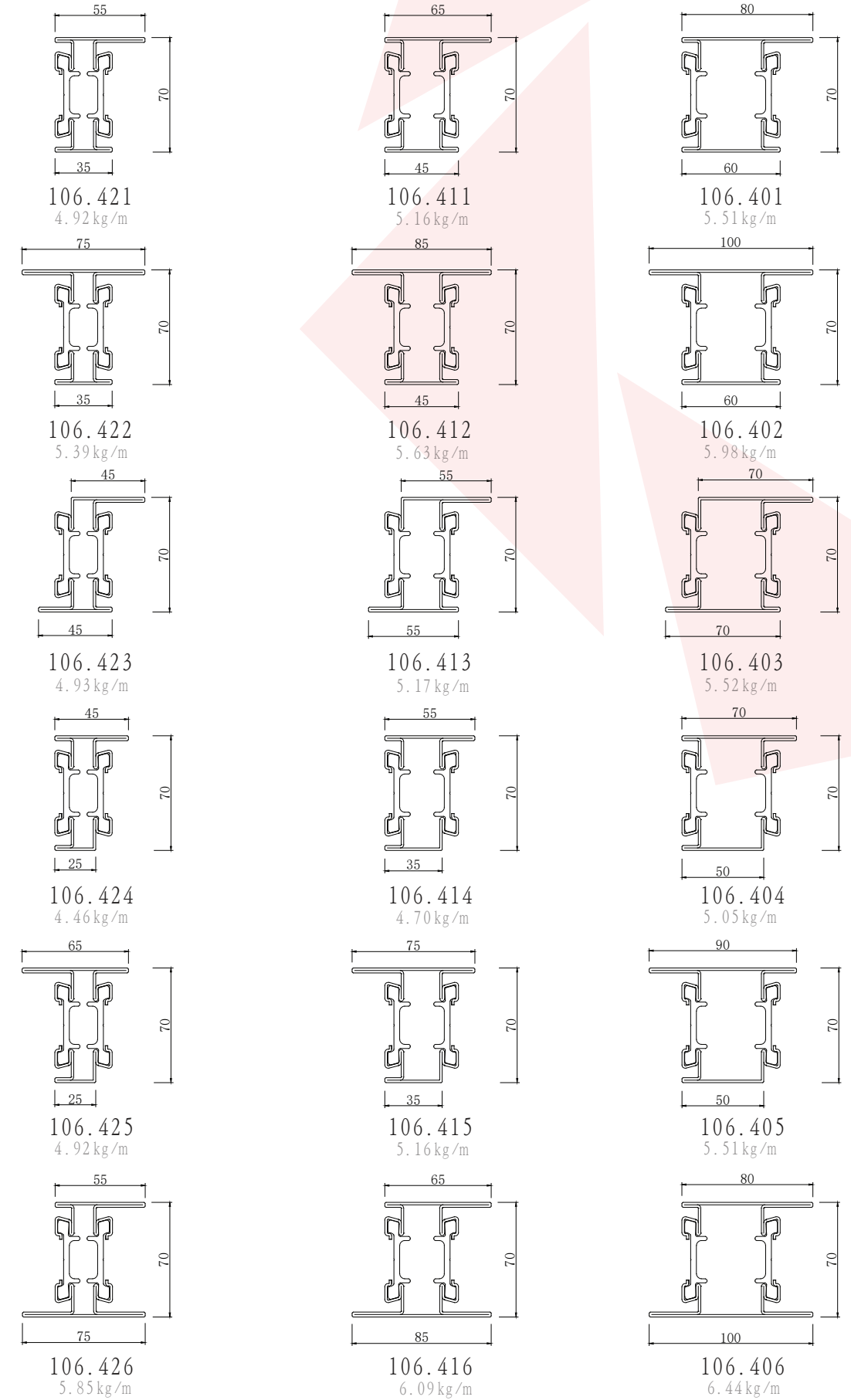
70F隔热防火型材

70F Thermal Insulate Fire Resistance Profile



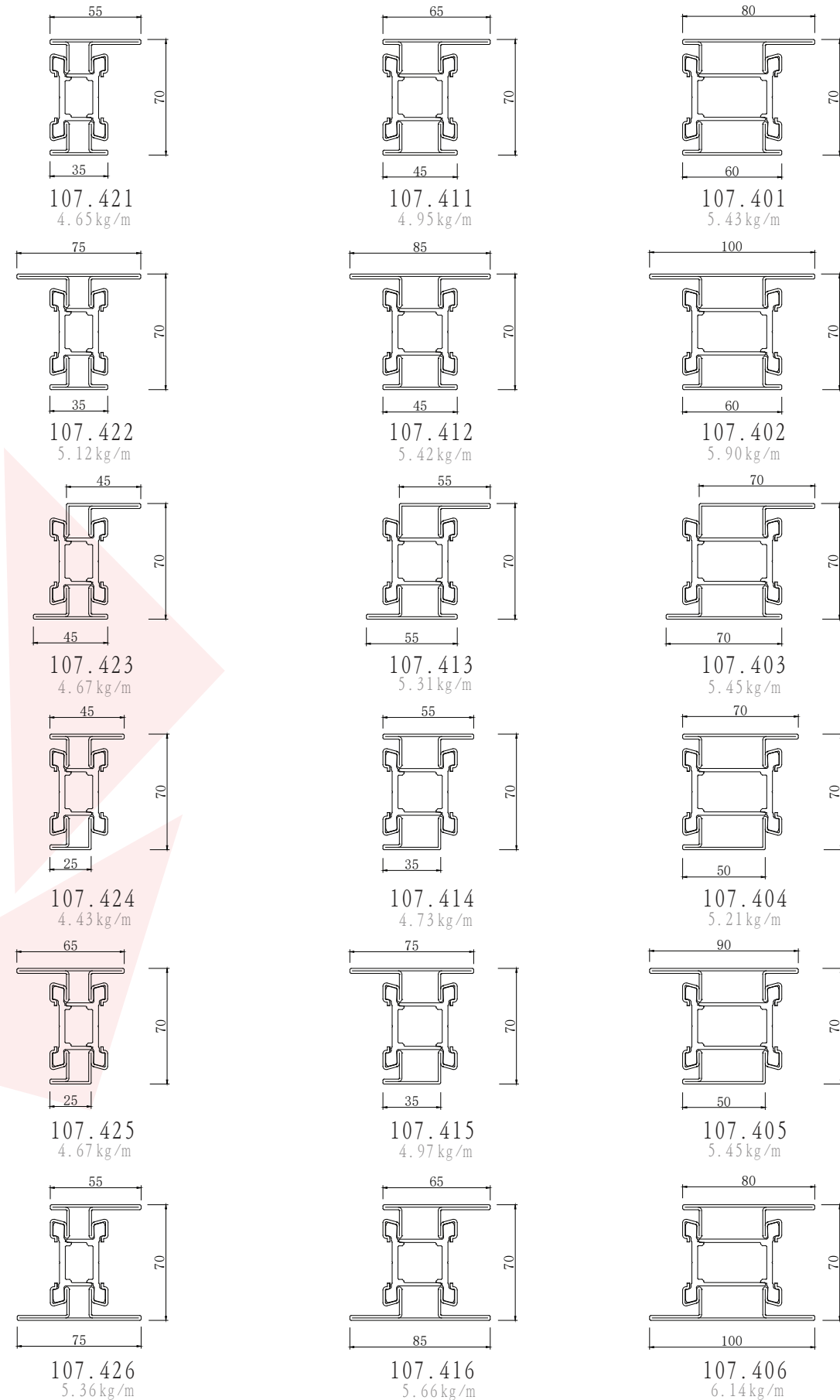
70F隔热防火型材

70F Thermal Insulate Fire Resistance Profile

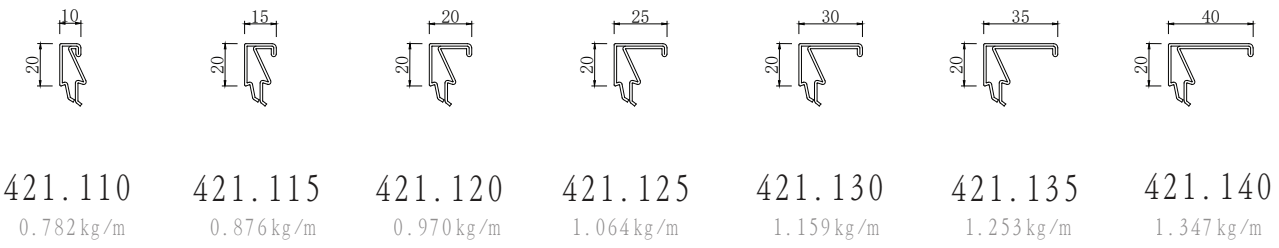


70N隔热型材

70N Thermal Insulate Fire Resistance Profile



编号 No.	材质 Material	型材米重 Profile Weight kg/m	隔热条 材质 Thermal Strip Material	填充物 Filling Material kg/m	编号 No.	材质 Material	型材米重 Profile Weight kg/m	隔热条 材质 Thermal Strip Material
106.401T	镀锌钢 Galvanized Steel	5.51	玻纤 Glass Fiber	1.89	106.422	镀锌钢 Galvanized Steel	5.39	玻纤 Glass Fiber
106.402T	镀锌钢 Galvanized Steel	5.98	玻纤 Glass Fiber	1.89	106.423	镀锌钢 Galvanized Steel	4.93	玻纤 Glass Fiber
106.403T	镀锌钢 Galvanized Steel	5.52	玻纤 Glass Fiber	1.89	106.424	镀锌钢 Galvanized Steel	4.46	玻纤 Glass Fiber
106.404T	镀锌钢 Galvanized Steel	5.05	玻纤 Glass Fiber	1.89	106.425	镀锌钢 Galvanized Steel	4.92	玻纤 Glass Fiber
106.405T	镀锌钢 Galvanized Steel	5.51	玻纤 Glass Fiber	1.89	106.426	镀锌钢 Galvanized Steel	5.85	玻纤 Glass Fiber
106.406T	镀锌钢 Galvanized Steel	6.44	玻纤 Glass Fiber	1.89	107.401	镀锌钢 Galvanized Steel	5.43	PA
106.411T	镀锌钢 Galvanized Steel	5.16	玻纤 Glass Fiber	1.35	107.402	镀锌钢 Galvanized Steel	5.90	PA
106.412T	镀锌钢 Galvanized Steel	5.63	玻纤 Glass Fiber	1.35	107.403	镀锌钢 Galvanized Steel	5.45	PA
106.413T	镀锌钢 Galvanized Steel	5.17	玻纤 Glass Fiber	1.35	107.404	镀锌钢 Galvanized Steel	5.21	PA
106.414T	镀锌钢 Galvanized Steel	4.70	玻纤 Glass Fiber	1.35	107.405	镀锌钢 Galvanized Steel	5.45	PA
106.415T	镀锌钢 Galvanized Steel	5.16	玻纤 Glass Fiber	1.35	107.406	镀锌钢 Galvanized Steel	6.14	PA
106.416T	镀锌钢 Galvanized Steel	6.09	玻纤 Glass Fiber	1.35	107.411	镀锌钢 Galvanized Steel	4.95	PA
106.421T	镀锌钢 Galvanized Steel	4.92	玻纤 Glass Fiber	0.65	107.412	镀锌钢 Galvanized Steel	5.42	PA
106.422T	镀锌钢 Galvanized Steel	5.39	玻纤 Glass Fiber	0.65	107.413	镀锌钢 Galvanized Steel	5.31	PA
106.423T	镀锌钢 Galvanized Steel	4.93	玻纤 Glass Fiber	0.65	107.414	镀锌钢 Galvanized Steel	4.73	PA
106.424T	镀锌钢 Galvanized Steel	4.46	玻纤 Glass Fiber	0.65	107.415	镀锌钢 Galvanized Steel	4.97	PA
106.425T	镀锌钢 Galvanized Steel	4.92	玻纤 Glass Fiber	0.65	107.416	镀锌钢 Galvanized Steel	5.66	PA
106.426T	镀锌钢 Galvanized Steel	5.85	玻纤 Glass Fiber	0.65	107.421	镀锌钢 Galvanized Steel	4.65	PA
106.401	镀锌钢 Galvanized Steel	5.51	玻纤 Glass Fiber		107.422	镀锌钢 Galvanized Steel	5.12	PA
106.402	镀锌钢 Galvanized Steel	5.98	玻纤 Glass Fiber		107.423	镀锌钢 Galvanized Steel	4.67	PA
106.403	镀锌钢 Galvanized Steel	5.52	玻纤 Glass Fiber		107.424	镀锌钢 Galvanized Steel	4.43	PA
106.404	镀锌钢 Galvanized Steel	5.05	玻纤 Glass Fiber		107.425	镀锌钢 Galvanized Steel	4.67	PA
106.405	镀锌钢 Galvanized Steel	5.51	玻纤 Glass Fiber		107.426	镀锌钢 Galvanized Steel	5.36	PA
106.406	镀锌钢 Galvanized Steel	6.44	玻纤 Glass Fiber		421.110	镀锌钢 Galvanized Steel	0.79	
106.411	镀锌钢 Galvanized Steel	5.16	玻纤 Glass Fiber		421.115	镀锌钢 Galvanized Steel	0.88	
106.412	镀锌钢 Galvanized Steel	5.63	玻纤 Glass Fiber		421.120	镀锌钢 Galvanized Steel	0.98	
106.413	镀锌钢 Galvanized Steel	5.17	玻纤 Glass Fiber		421.125	镀锌钢 Galvanized Steel	1.07	
106.414	镀锌钢 Galvanized Steel	4.70	玻纤 Glass Fiber		421.130	镀锌钢 Galvanized Steel	1.17	
106.415	镀锌钢 Galvanized Steel	5.16	玻纤 Glass Fiber		421.135	镀锌钢 Galvanized Steel	1.26	
106.416	镀锌钢 Galvanized Steel	6.09	玻纤 Glass Fiber		421.140	镀锌钢 Galvanized Steel	1.35	
106.421	镀锌钢 Galvanized Steel	4.92	玻纤 Glass Fiber					



306.301

搭边胶条(阻燃+膨胀)

Strap Gasket

位置: 开启搭边

Location: Side strap of opening frame



307.301

搭边胶条 (三元乙丙)

Strap Gasket

位置: 开启搭边

Location: Side strap of opening frame



305.302

玻外胶条(阻燃+膨胀)

Outside Gasket

位置: 型材与玻璃外侧间胶条

Location: Between profile and outside glass



305.303

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Between glass and buckle bar



305.304

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Between glass and buckle bar



305.305

玻内胶条(阻燃+膨胀)

Inside Gasket

位置: 玻璃压条

Location: Between glass and buckle bar

玻璃胶条匹配表
Glass Gasket Matching Table

玻外胶条 Outside Gasket	玻内胶条 Inside Gasket					胶条 Gasket	压条 Buckle Bar
305.302	305.303	305.303	305.304	305.304	305.305		
5	44	45	46	47	48		
	39	40	41	42	43		
	34	35	36	37	38		
	29	30	31	32	33		
	24	25	26	27	28		
	19	20	21	22	23		
	14	15	16	17	18		



206.101

锁体连接件

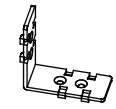
Lock Body Connector

位置: 锁体

Location: Lock Body

备注: 加强锁体安装。

Note: Enhanced lock body installation



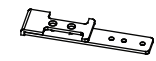
206.102

70隔断连接角码

70 Partition Connection Corner Brace

备注: 配合206.103使用

Note: Need to be used with 206.103



206.103

70隔断角码连接垫

70 Partition Corner Brace Connection Pad

备注: 配合206.102使用

Note: Need to be used with 206.102



206.104

隔断定位连接片

Partition Location Connector

备注: 配合206.102使用

Note: Need to be used with 206.102



306.302

内角防水插片

Inner Corner Anti-Leaking Inserts

位置: 外框内角

Location: Outside frame inner corner

备注: 需配套硅酮密封胶使用

Note: Need to be used with silicone seal gel



306.303

外角防水插片

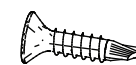
Outer Corner Anti Leaking Inserts

位置: 外框外角

Location: Outside frame potter corner

备注: 需配套硅酮密封胶使用

Note: Need to be used with silicone seak gel



206.501

角码连接螺丝 (标准件)

Corner Brace Connection Screw

规格: 4.2*19沉头自攻自钻螺丝

Note: 4.2*19 pan head self screw



200.137

锁芯

Lock Cylinder

备注: 42.5+42.5适用于连体执手

Note: 42.5+42.5 applied on Siamese handle



200.136

锁芯

Lock Cylinder

备注: 45+45适用于分体执手

Note: 45+45 applied on split handle



206.105

隐藏式合页

Invisibel Hinge

备注: 适用于平开门

Note: Apply on swing door



206.106

隐藏式合页

Invisibel Hinge

备注: 适用于平开门

Note: Apply on swing door



206.130

单点斜舌锁

Single-point Oblique Tongue Lock

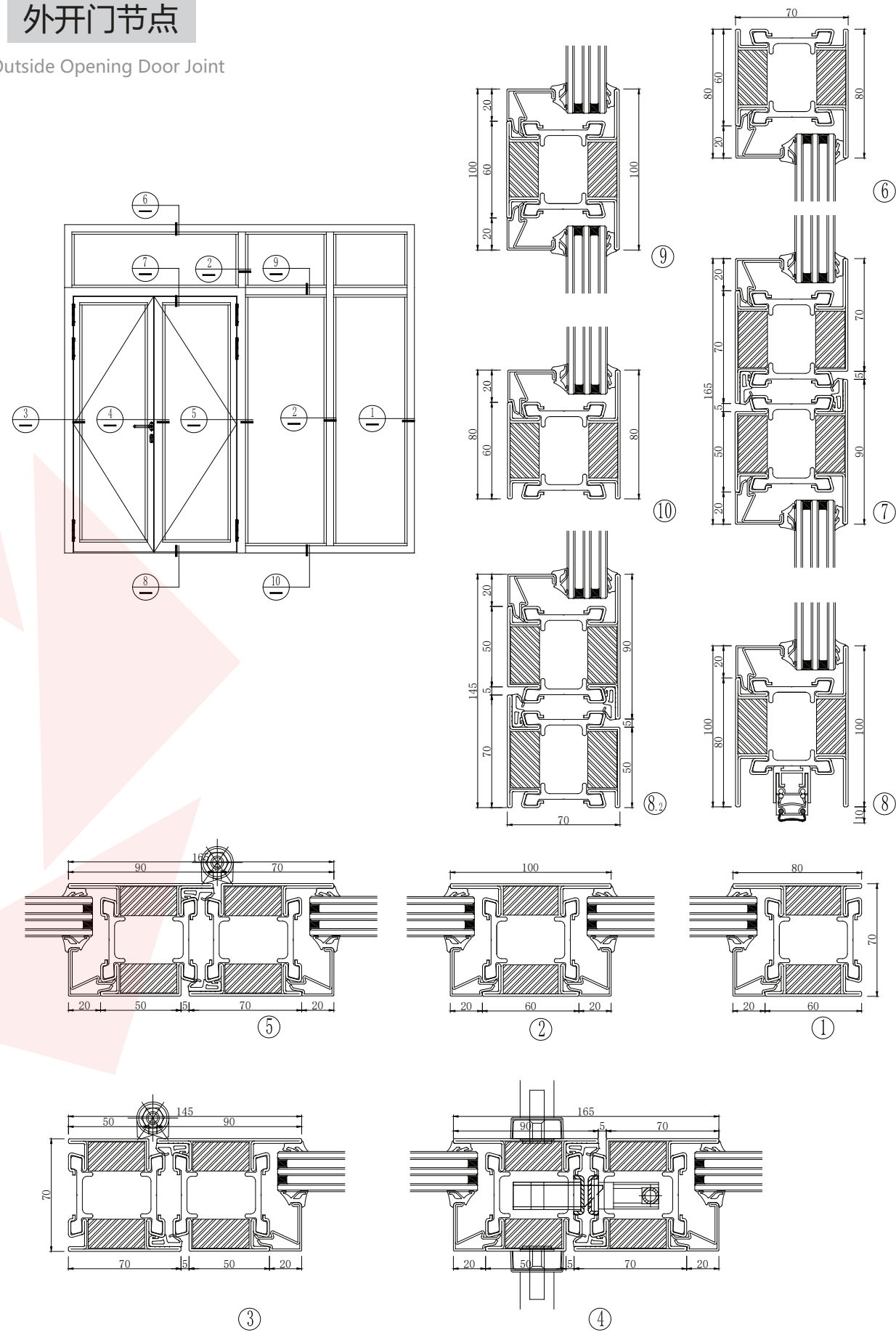
备注: 适用45防火窗

Lock: Apply on 35 Fire Resistance Window



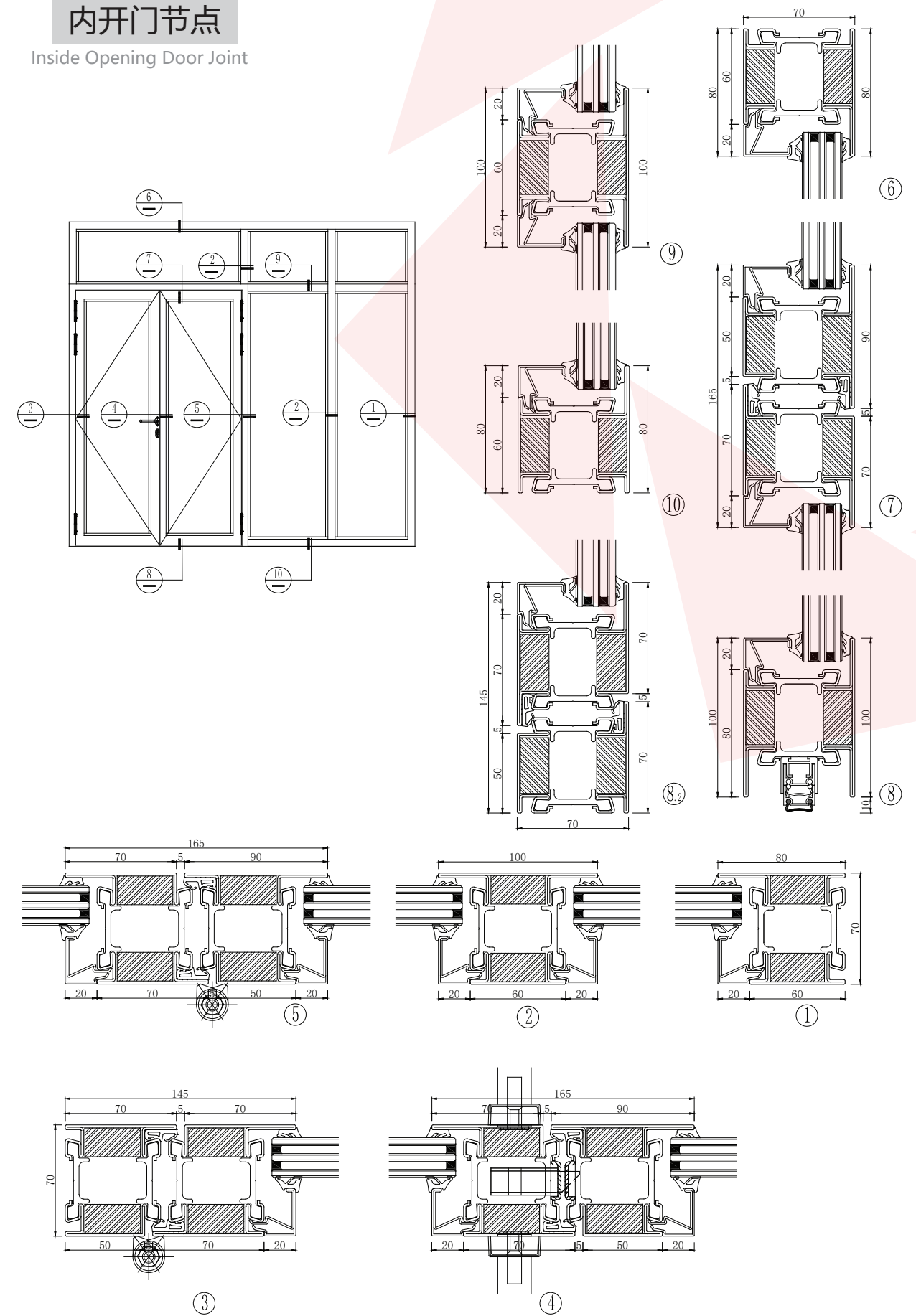
外开门节点

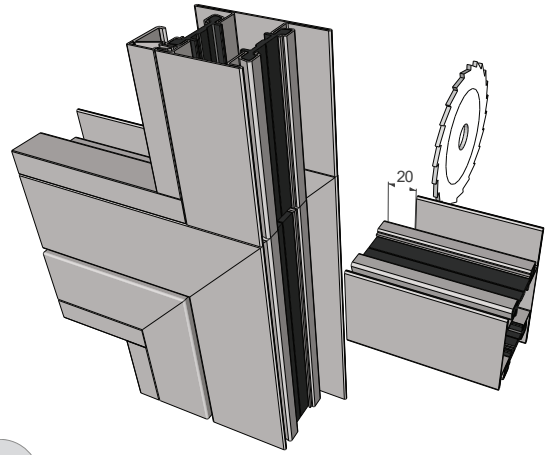
Outside Opening Door Joint



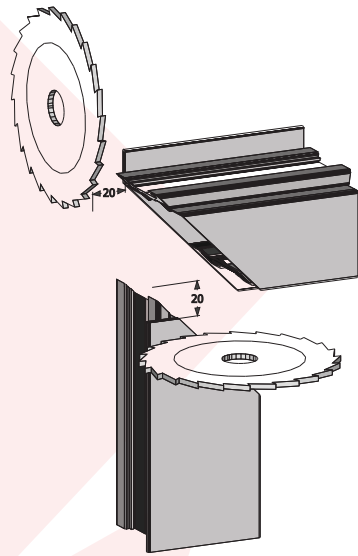
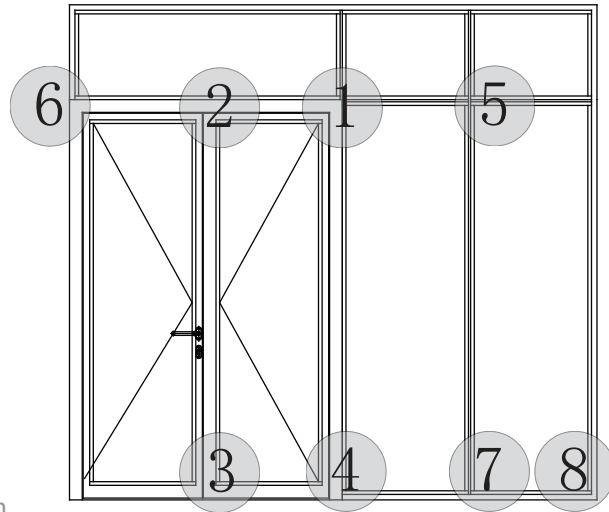
内开门节点

Inside Opening Door Joint

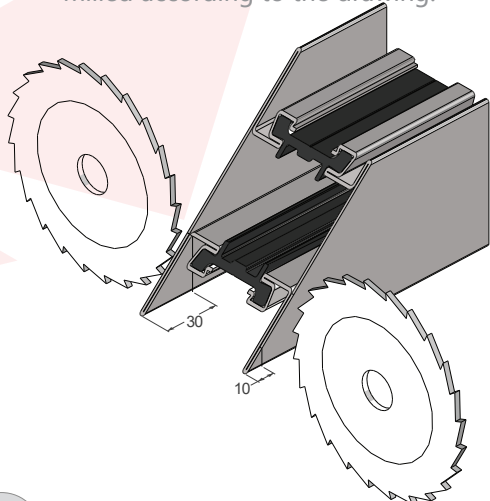
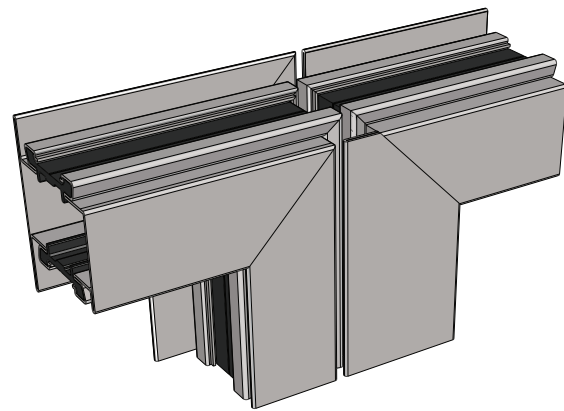




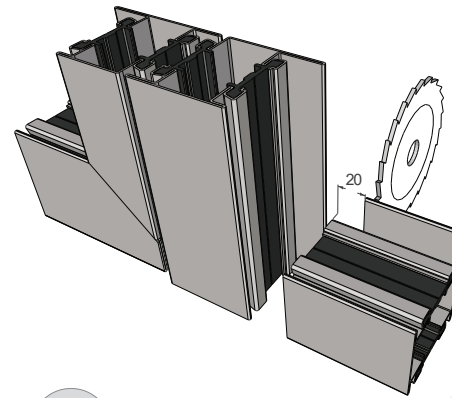
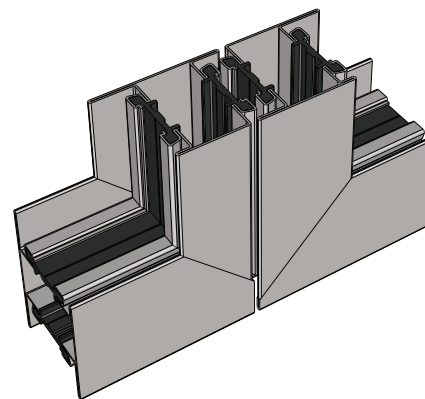
1 要求: 门转向框45°拼接, 中挺90°切角铣边20mm。
 Note: The door steering frame is spliced 45°, and the middle straight is 90° and the angle milling edge is 20mm



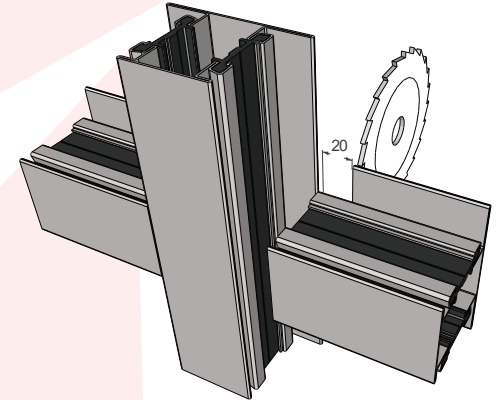
2 要求: 门扇45°切角, 按图铣边。
 Note: The door sash is cut at a 45° angle, milled according to the drawing.



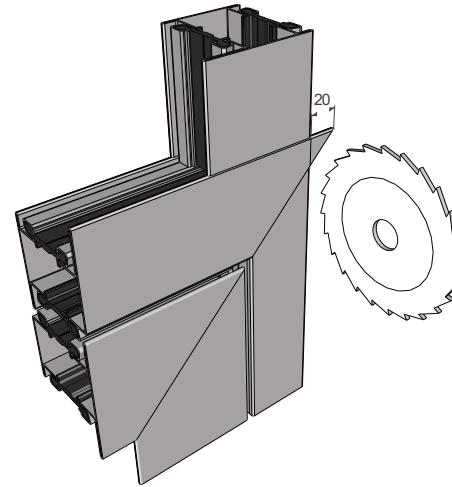
3 要求: 门边扇与底扇45°切角, 底扇按图铣边。
 Note: Door side sash and bottom sash are cut at 45° angle, bottom sash milled according to the drawing.



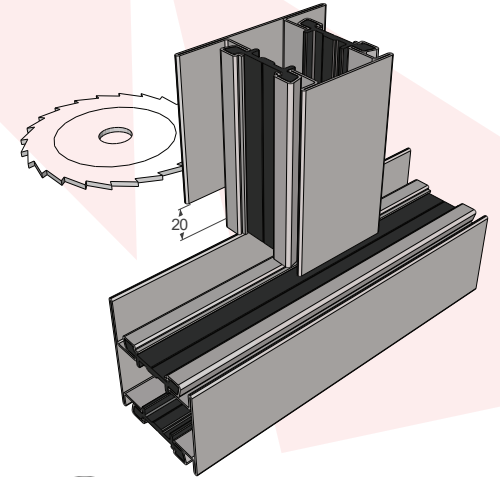
4 要求: 固定框90°切角后端面铣边20mm
 Note: Fixed frame 90° cut, 20mm milling from the edge.



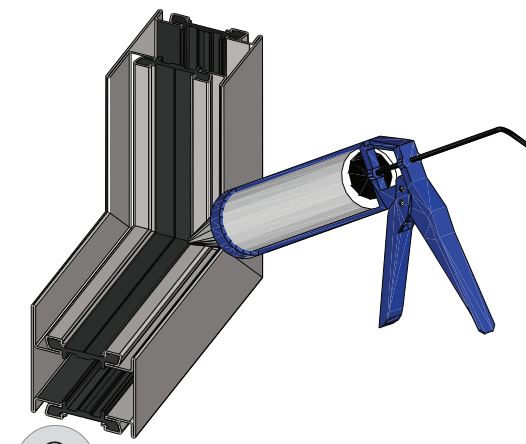
5 要求: 横中庭90°切角, 端面铣边20mm
 Note: Mid frame 90° cut, 20mm milling from the edge.



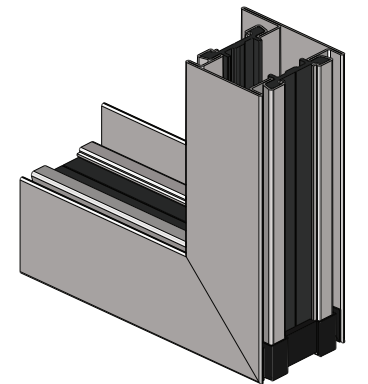
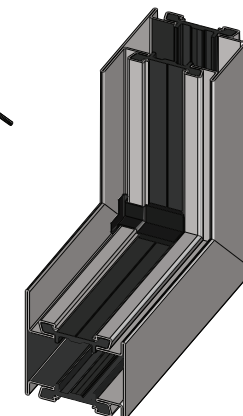
6 要求: 门转向框45°切角, 切除角部20mm
 固定框90°切角, 端面铣边20mm
 Note: The door steering frame has a 45° cut corner, and the cutting angle is 20mm
 Fixed frame 90° cut angle, end face milling edge 20mm



7 要求: 竖中庭90°切角, 端面铣边20mm
 Note: Vertical mid frame 90° chamfered, end milling 20mm

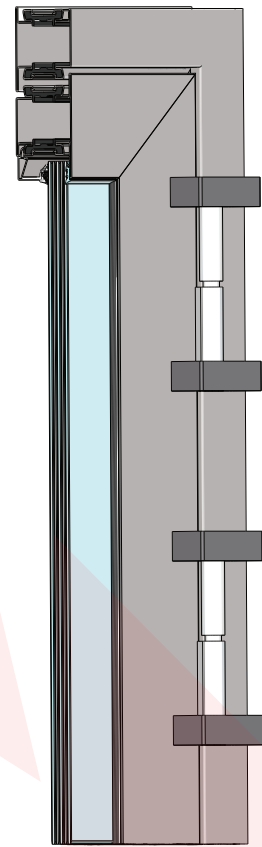


8 要求: 框角部45°焊接后, 内外角注密封胶
 内角使用306.302, 外角使用306.303密封
 Note: After frame corner 45° welded, Inject sealing gel to inner and outer corner.
 Inner corner use 306.302, outer corner use 306.303.



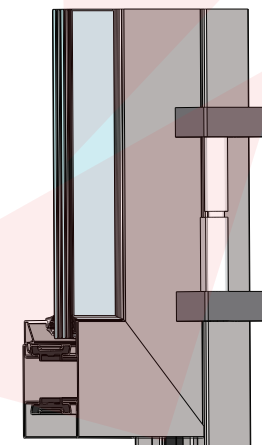
2D焊接合页装配

2D Welding Hinge Assemble

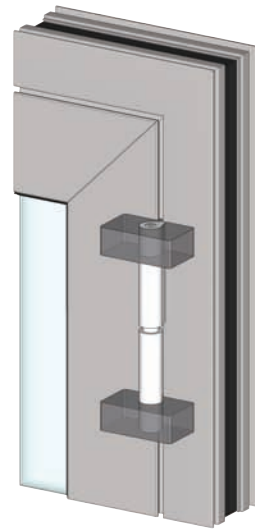
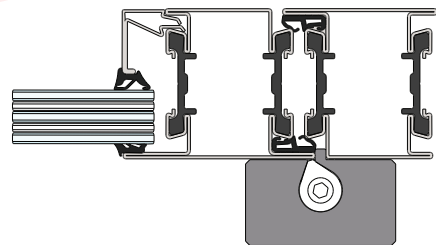


顶部合页
上口与门扇内口水平对齐
Note: Upper Hinge top Align horizontally with the inner door opening

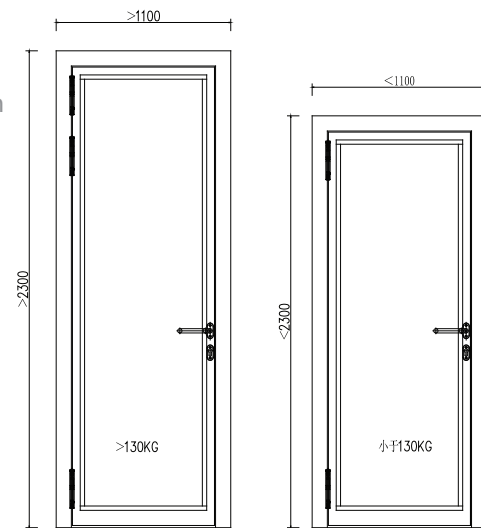
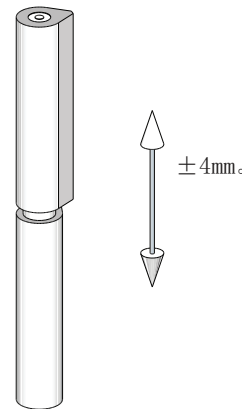
中间合页
与顶部合页中心距300mm
Middle hinge
300mm from the upper hinge



底部合页
底口与门扇内口对齐
Down Hinge
The bottom opening is aligned with the inner opening of the door leaf



要求:先点焊后满焊,防止变形。
Note:First spot welding and then full welding to prevent deformation

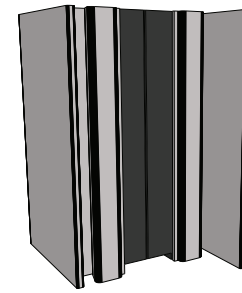


隔断连接件装配图

Partition Connection Piece Assemble Guide

边框装配

Side Frame Assemble



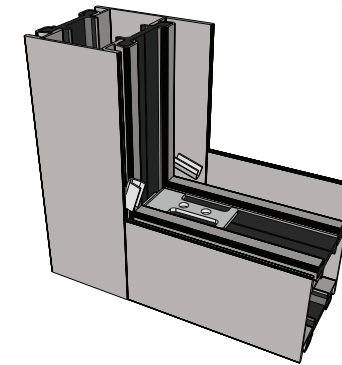
1 要求:立柱底口内侧隔热条铣3mm
Note: Column bottom inner thermal strap milling 3mm.



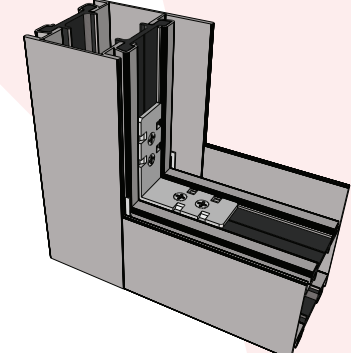
2 立柱安装角码连接垫 (206.103)
角码连接垫与端面平齐
Column install corner brace connection pad(206.103)
Corner brace connection pad align with profile bottom edge



3 横梁安装角码连接垫 (206.103)
备注:横梁不铣口
Beam install corner brace connection pad (206.103)
Note: No milling for beam



4 安装定位片 (206.104)
Install positioning pad(206.104)



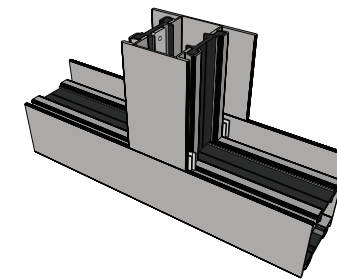
5 安装角码 (206.102) 配4.2*19沉头自攻自钻(206.501)
Install corner brace with 4.2*19 pan head self screw

中挺装配

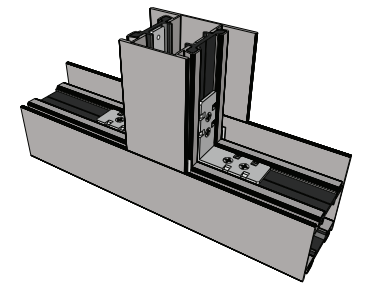
Mid-Frame Assemble



1 中挺安装角码连接垫 (206.103)
Mid frame install corner brace connection pad



2 安装定位片 (206.104)
Install positioning pad

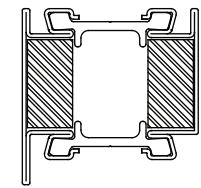


3 安装角码 (206.102) 配4.2*19沉头自攻自钻(206.501)
Install corner brace with 4.2*19 pan head self screw

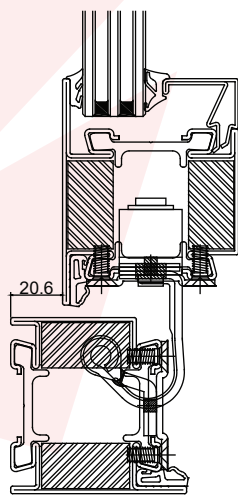
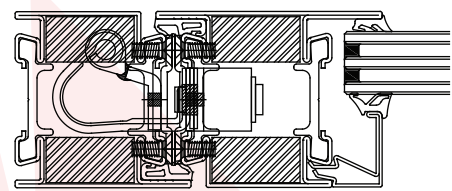
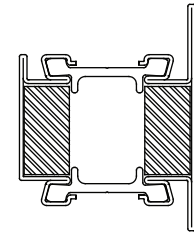
隐藏式合页开孔

Invisible Hinge Drilling Guide

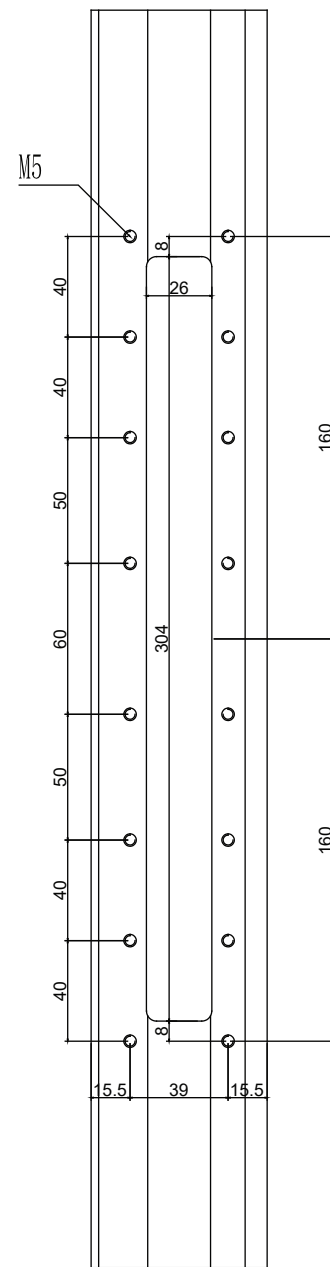
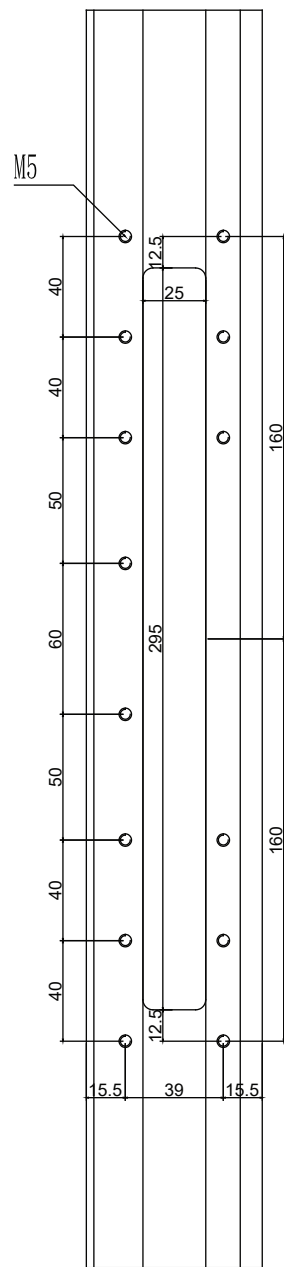
门框开孔
Door frame drilling



门扇开孔
Door sash drilling



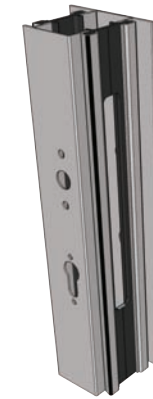
开启示意
Opening Joint



锁体开孔图

Lock Body Drilling Guide

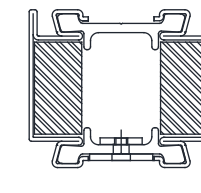
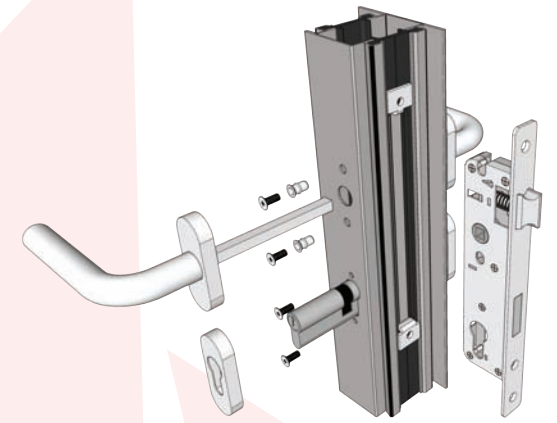
1、门扇开孔
Door sash drilling



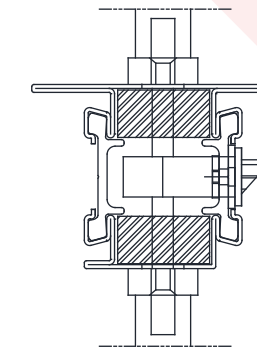
2、锁体安装件
Lock body installer



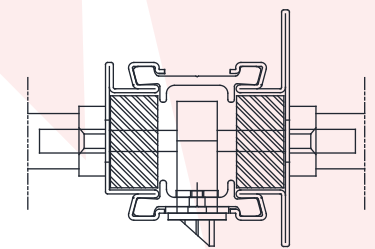
3、安装锁体
Install lock body



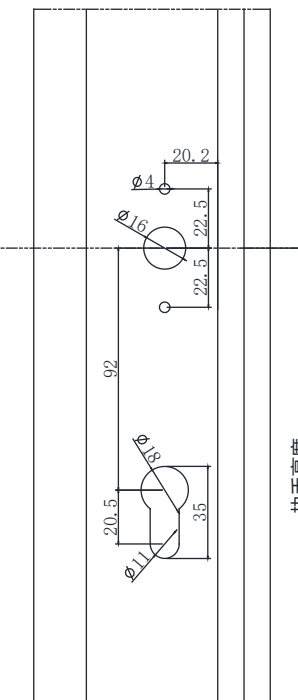
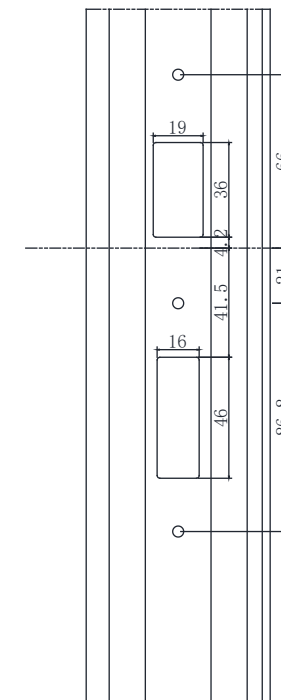
门框开孔
Door frame drilling



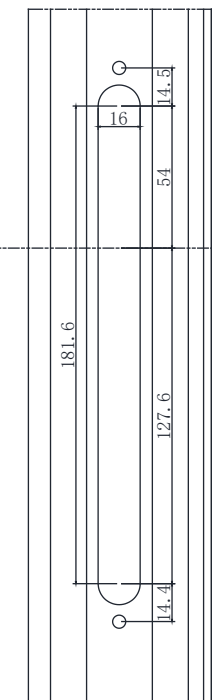
门扇执手孔
door sash handle hole



门扇锁体孔
Door sash lock body hole



执手高度



纤细隔热钢窗

Slim Thermal Insulated Window-Partition System



镀锌钢

Galvanized Steel

不锈钢

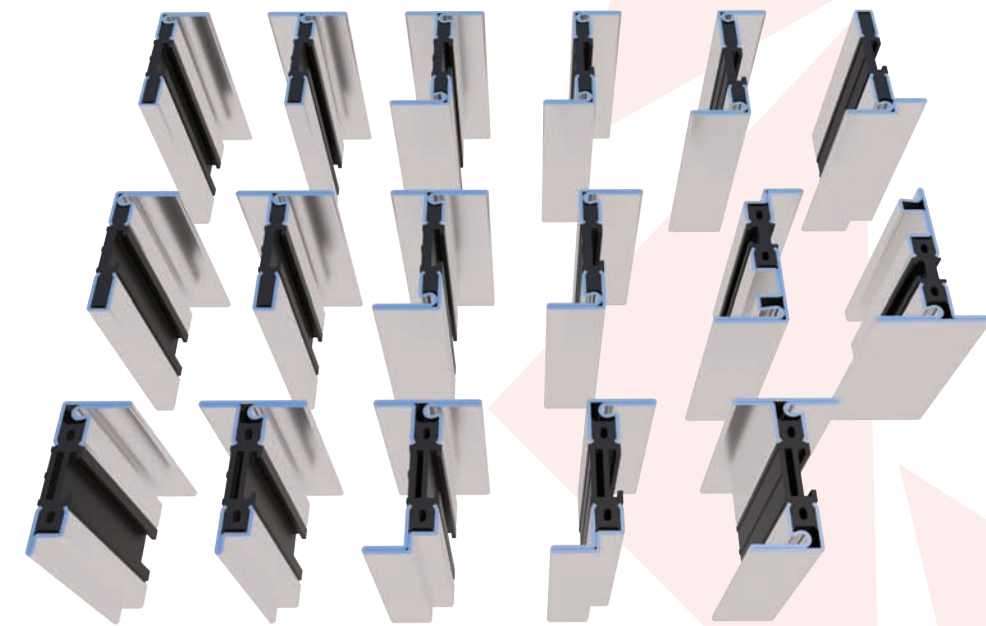
Stainless Steel

古铜

Bronze

断桥钢制窄边框门窗系统，采用高品质钢材，确保强度与耐腐蚀性，采用PA66尼龙隔热条断桥技术的应用，有效阻隔热量传导，并可采用高温喷涂。窄边框设计，边框宽度仅10毫米，视野更开阔，采光更充足，外观简约大气，适配各种建筑风格。

The broken bridge steel narrow frame door and window system, made of high-quality steel to ensure strength and corrosion resistance, and the application of PA66 nylon thermal insulation strip technology can effectively block heat conduction and can be sprayed at high temperatures. Narrow frame design, frame width is only 10 mm, wider field of vision, more abundant lighting, simple and atmospheric appearance, suitable for various architectural styles.



C槽框扇压边

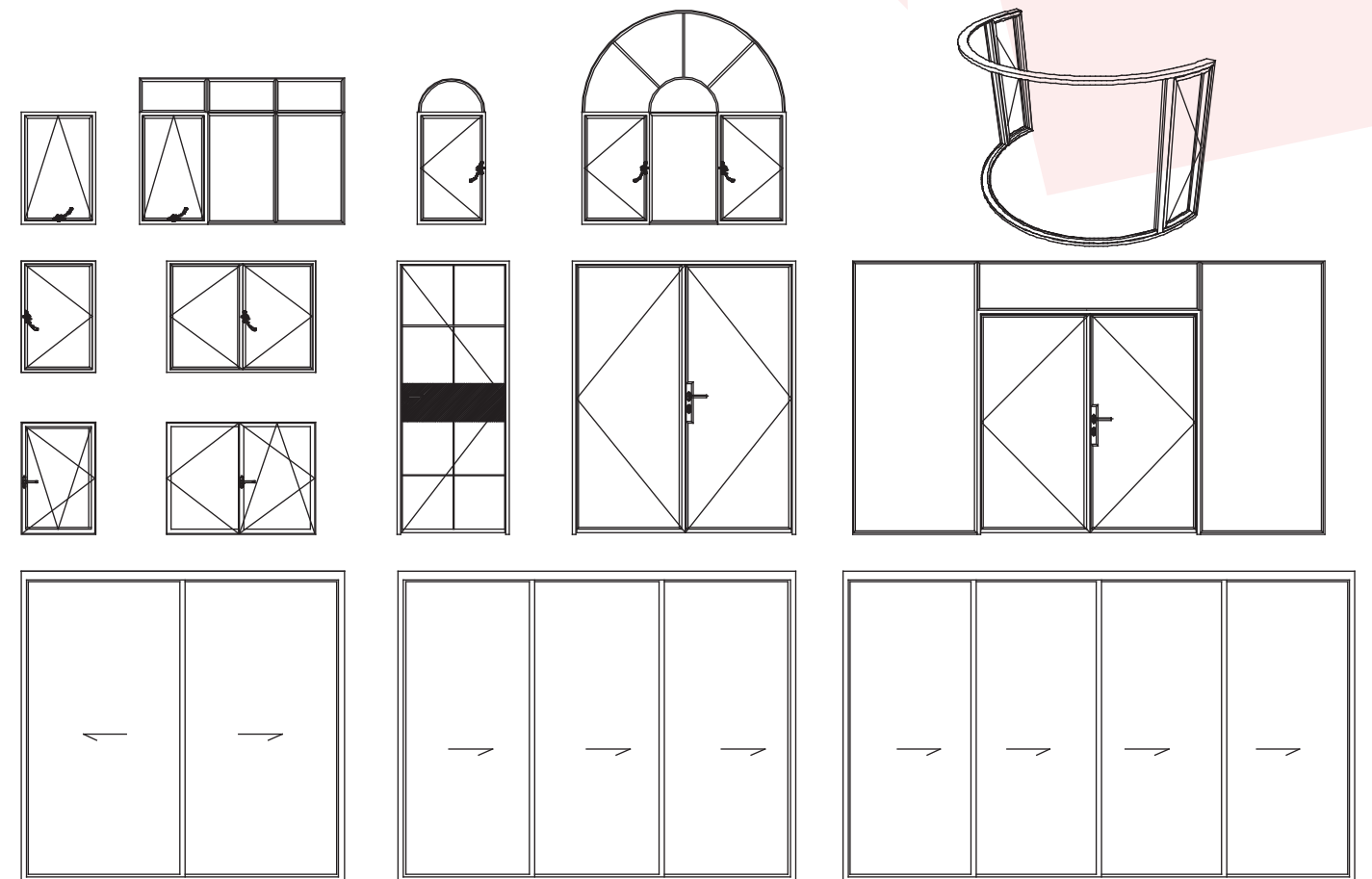
C Slot Profile Beading

U槽

U Slot

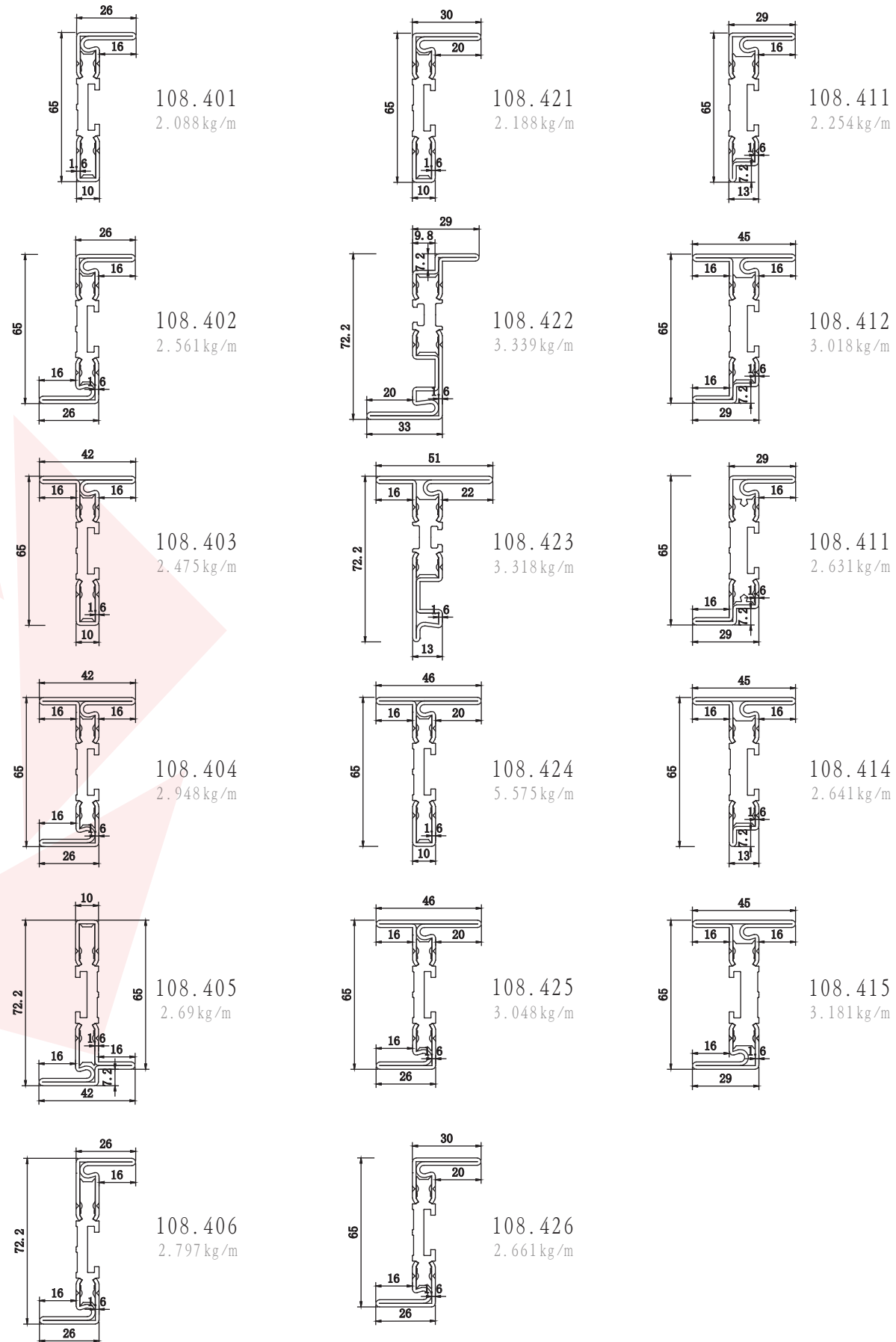
C槽框扇平齐

C Slot Profile Leveling



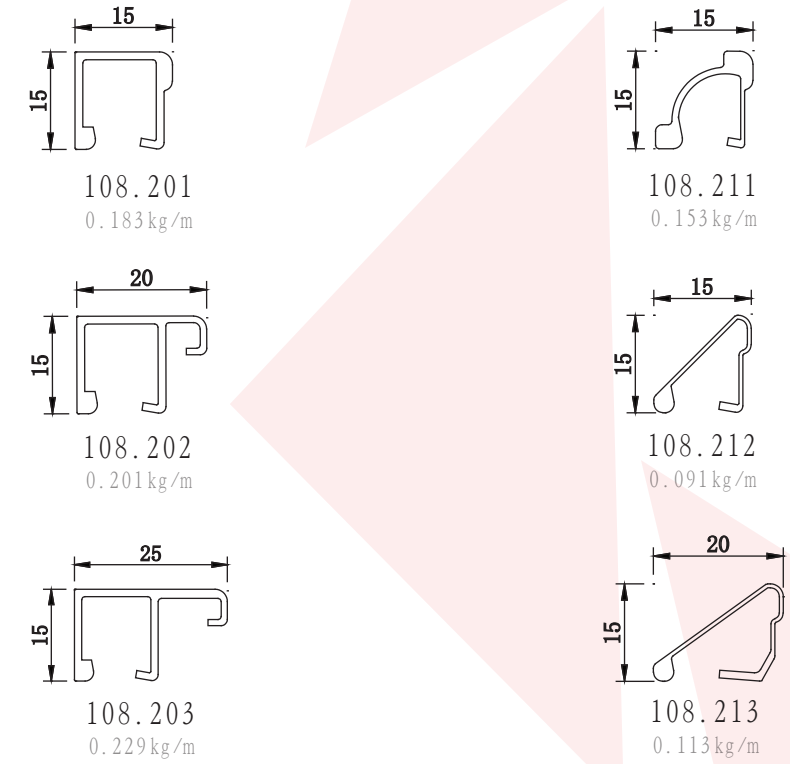
纤细隔热钢型材

Slim Thermal Insulated Steel Profile



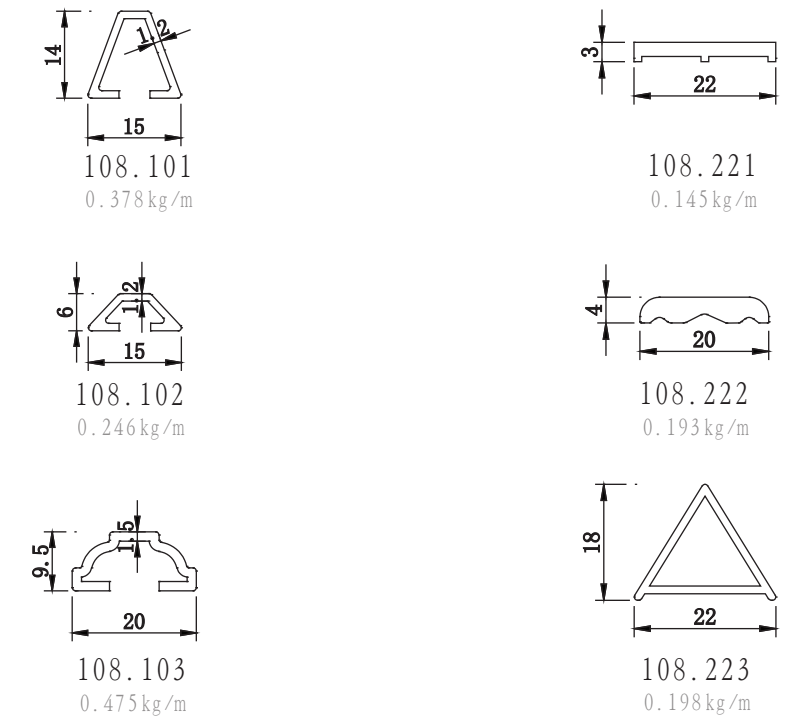
玻璃压线

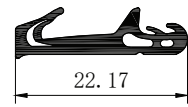
Profile Beading



装饰线条

Decoration Strip



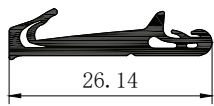


308.301

C槽型材搭接胶条

C Slot Profile Joint Gasket

位置: 框扇搭接
Location: Between frame and sash

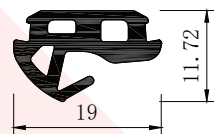


308.302

U槽型材搭接胶条

U Slot Profile Joint Gasket

位置: 框扇搭接
Location: Between frame and sash

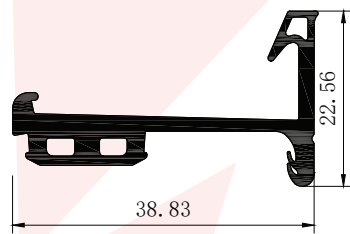


308.303

C槽型材中间等压胶条

C Slot Profile Middle Press Gasket

位置: 框扇中间(扇用)
Location: Between frame and sash (on sash)

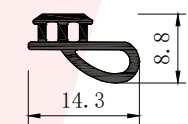


308.304

C槽型材中间等压胶条

C Slot Profile Middle Press Gasket

位置: 框扇中间(框用)
Location: Between frame and sash (on frame)

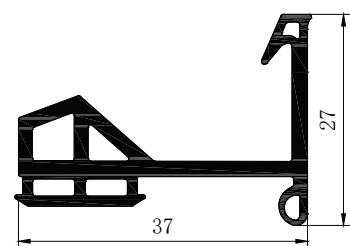


308.305

U槽型材中间等压胶条

U Slot Profile Middle Press Gasket

位置: 框扇中间(扇用)
Location: Between frame and sash (on sash)

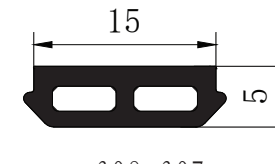


308.306

U槽型材中间等压胶条

U Slot Profile Middle Press Gasket

位置: 框扇中间(框用)
Location: Between frame and sash (on frame)

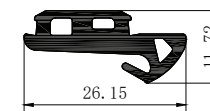


308.307

C槽装饰胶角

45 Curtain Wall Inside Vertical Sealing Seals

位置: 框扇搭接
Location: Between frame and sash

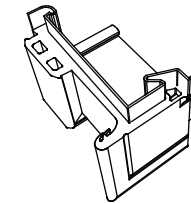


308.308

C槽等压胶条胶角 (框扇平齐)

C Slot Press Gasket Rubber (frame sash leveling)

位置: 框扇搭接
Location: Between frame and sash

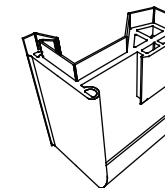


308.311

C槽等压胶条胶角

C Slot Press Gasket Rubber

位置: 框扇搭接
Location: Between frame and sash

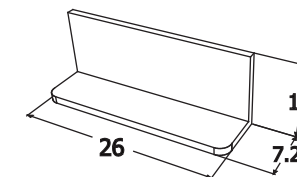


308.312

U槽等压胶条胶角

U Slot Press Gasket Rubber

位置: 框扇搭接
Location: Between frame and sash

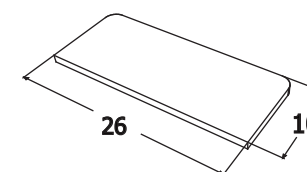


308.151

C槽双开封堵

C Slot Double Open Cover Cap

位置: C槽双开主动扇
Location: C slot double open active sash



308.152

U槽双开封堵

U Slot Double Open Cover Cap

位置: U槽双开主动扇
Location: U slot double open active sash



208.251

C槽隐藏五金执手

C Slot Concealed Handle

位置: 框扇锁闭
Location: Frame and sash lock



208.252

C槽隐藏五金传动

C Slot Concealed Transmission

位置: 开启扇C槽
Location: Open sash C slot



208.253

C槽隐藏五金锁点

C Slot Concealed Lock

位置: 开启扇C槽
Location: Open sash C slot



208.254

压边C槽隐藏五金锁座

Beading C Slot Concealed Lock Base

位置: 开启框C槽
Location: Open sash C slot

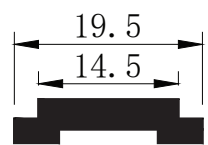


208.255

平齐C槽隐藏五金锁座

Leveling C Slot Concealed Lock Base

位置: 开启框C槽
Location: Open sash C slot

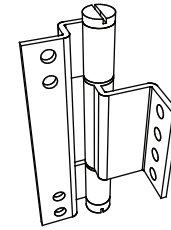


308.309

C槽传动条 (尼龙)

C Slot Transmission (Nylon)

位置: 开启框C槽
Location: Open sash C slot



208.101

螺栓合页

Screw Hinge

位置: C槽框扇
Location: C slot frame and sash

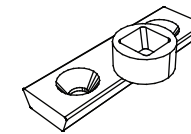


208.102

焊接合页

Welding Hinge

位置: 框扇
Location: Frame and sash

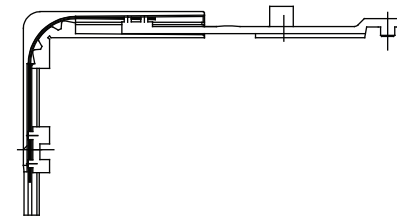


208.103

C槽双开插销孔

C Slot Double Open Bolt Holes

位置: C槽双开被动扇
Location: C slot double open passive sash

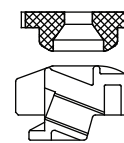


208.104

C槽传动转角器

C Slot Transmission Corners

位置: C槽传动
Location: C slot transmission



208.105

C槽爬升块

C Slot Climbing Blocks

位置: C槽窗扇底部
Location: C slot window sash bottom



208.106

插销

Bolt

位置: C槽被动扇
Location: C slot passive sash



208.111

明装单点执手

Single-Point Handle

位置: 外开窗
Location: Outer opening window



208.112

明装联动执手

Linkage Handle

位置: 外开窗
Location: Outer opening window



208.113

明装插销锁

Bolt Locks

位置: 内开窗
Location: Inner opening window

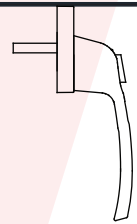


208.114

明装风撑

Wind Brace

位置: 外开窗
Location: Outer opening window

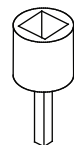


208.121

U槽五金执手

U Slot Handle

位置: U槽窗
Location: U Slot Window



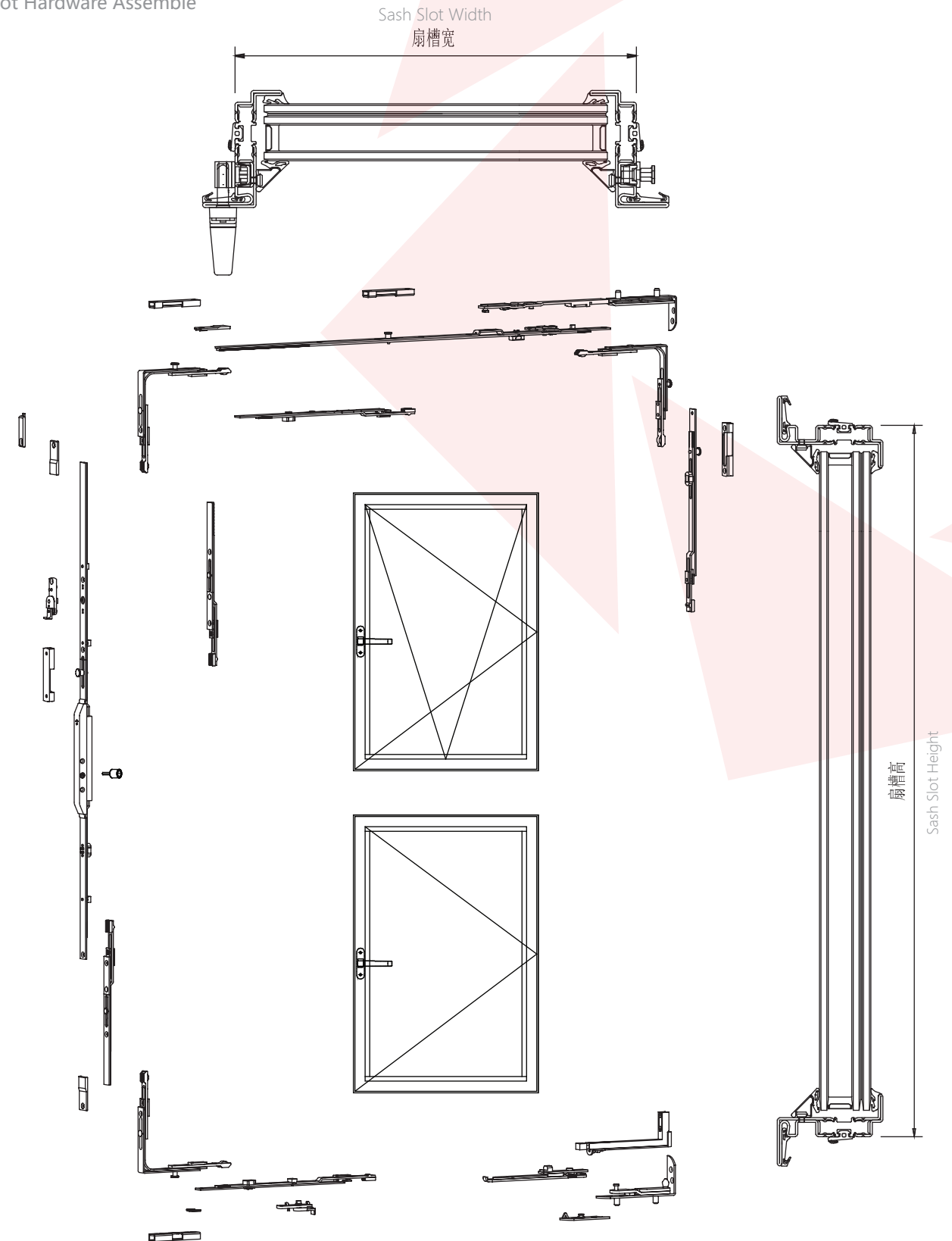
208.122

U槽五金执手转接件

U Slot Handle Adapter

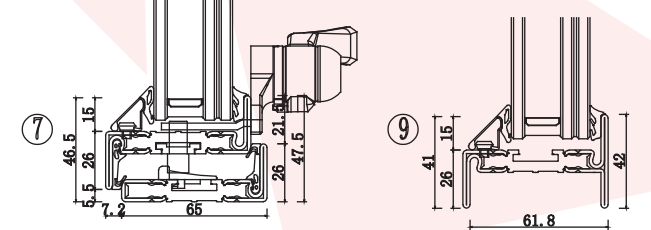
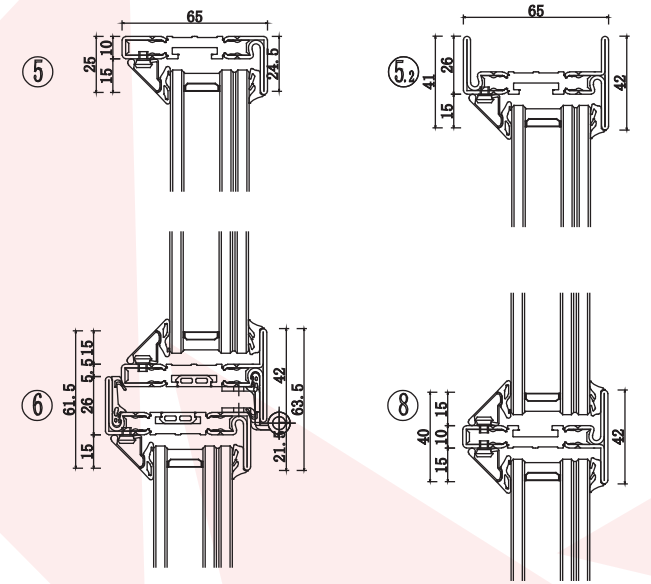
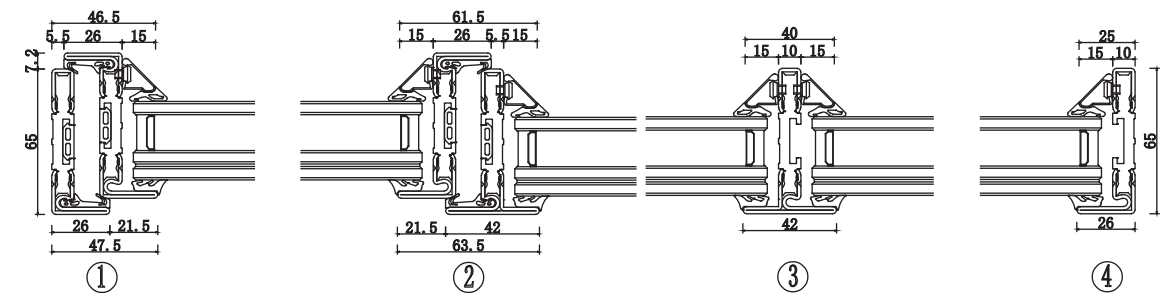
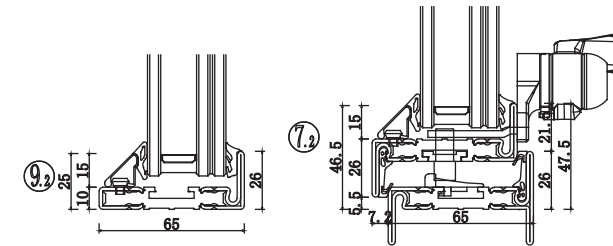
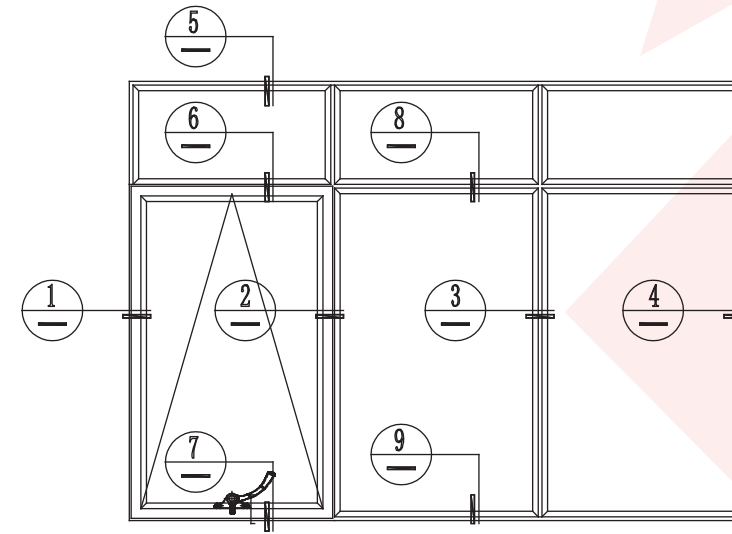
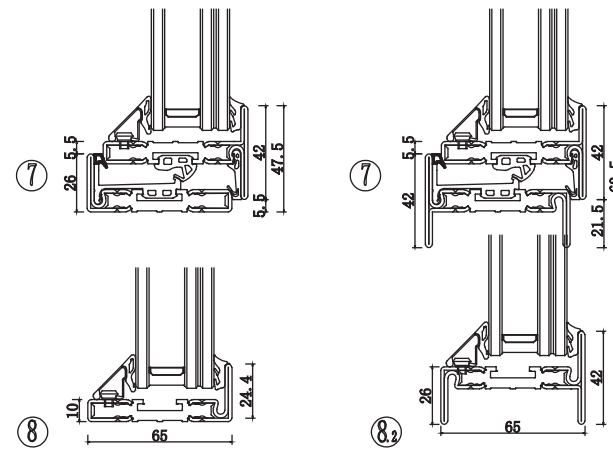
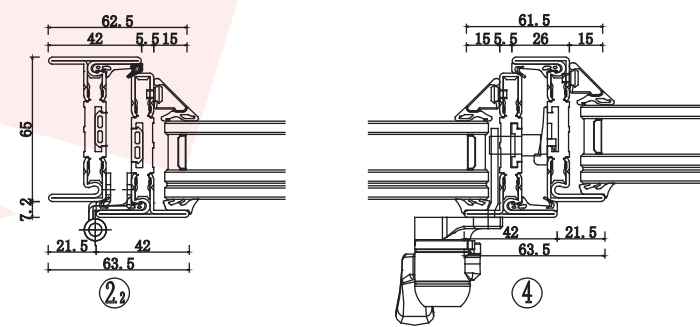
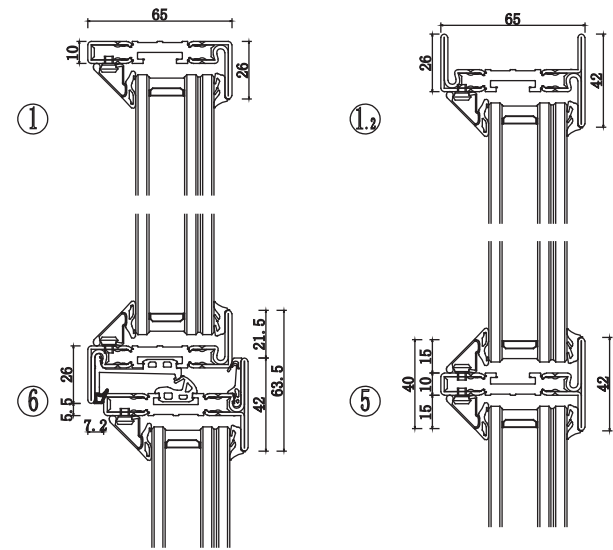
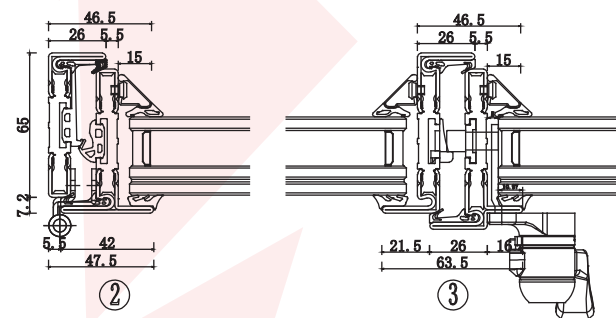
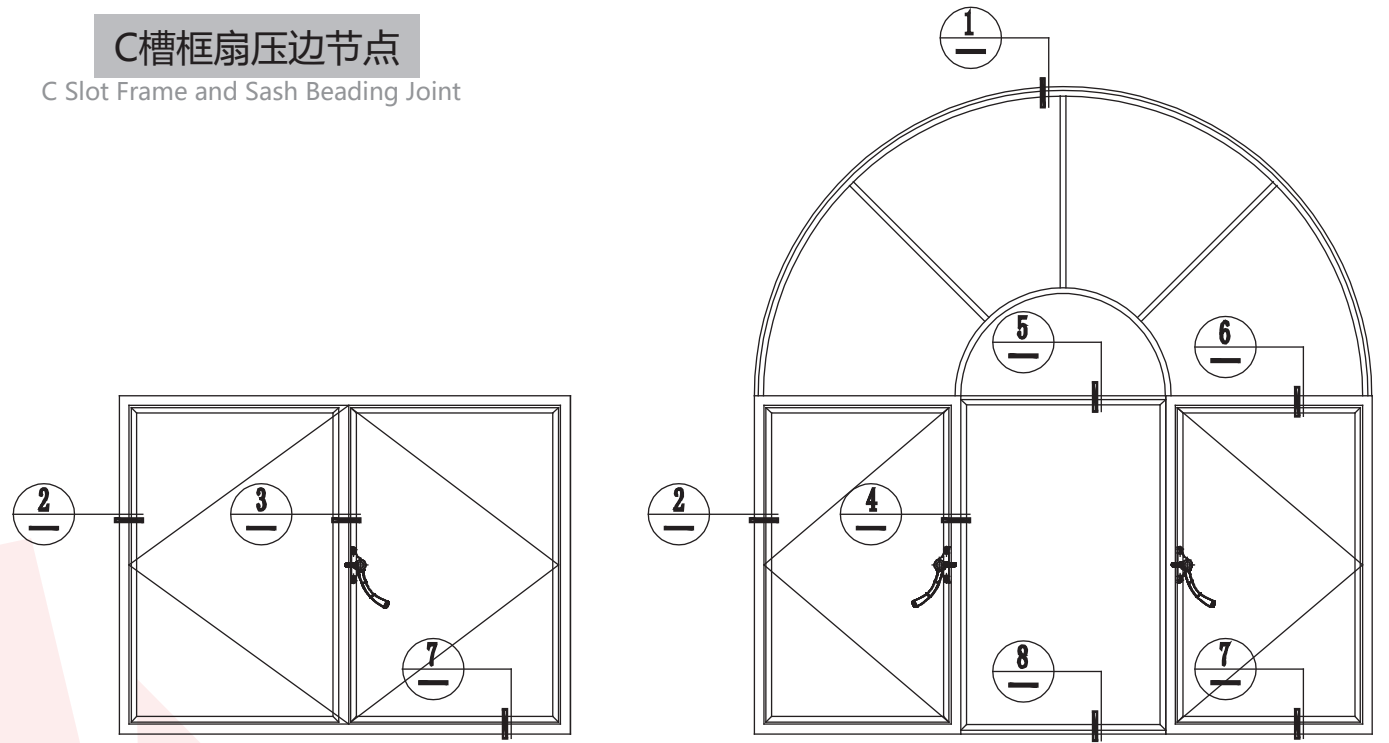
位置: U槽五金传动器
Location: U slot transmission

U槽五金装配
U Slot Hardware Assemble



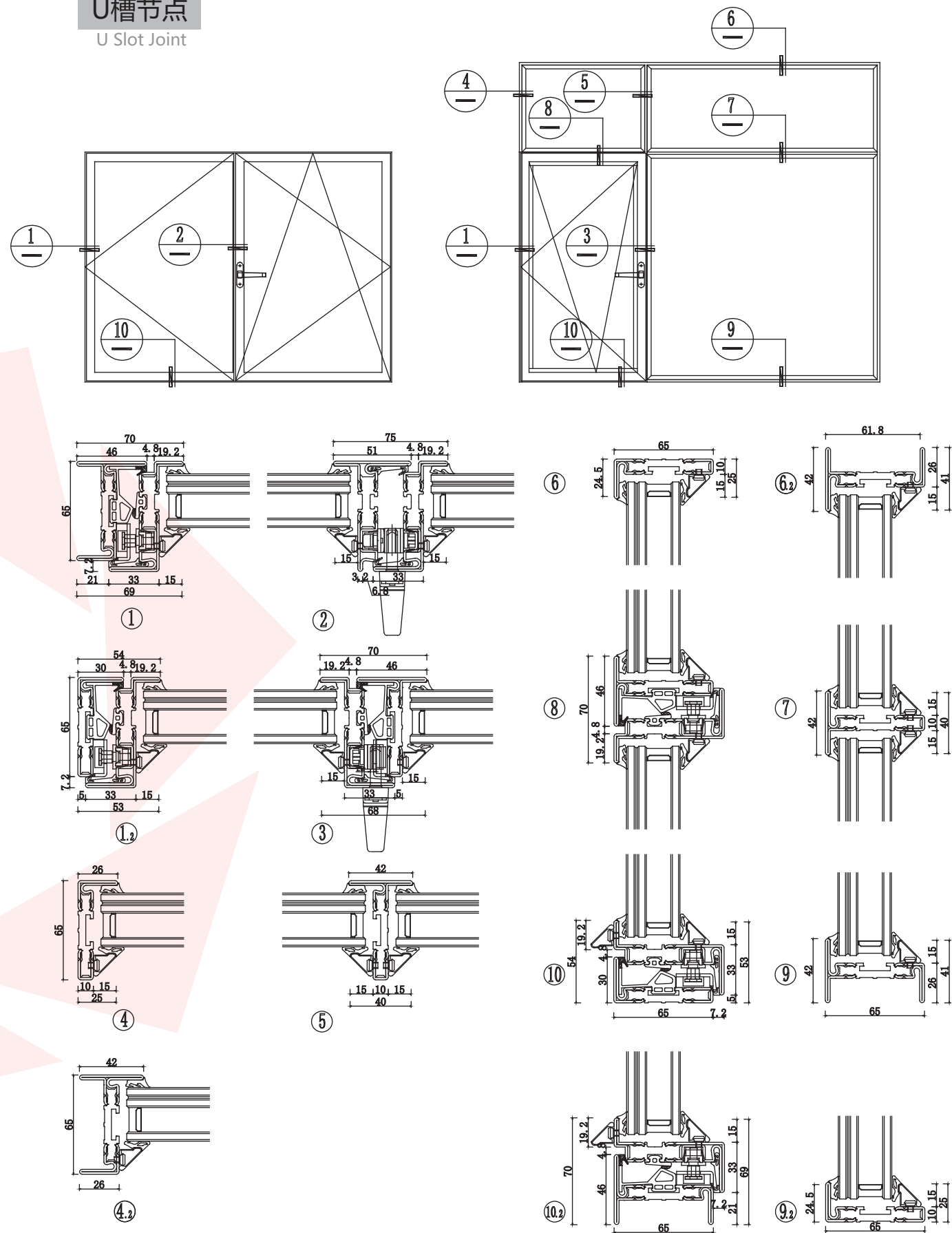
C槽框扇压边节点

C Slot Frame and Sash Beading Joint



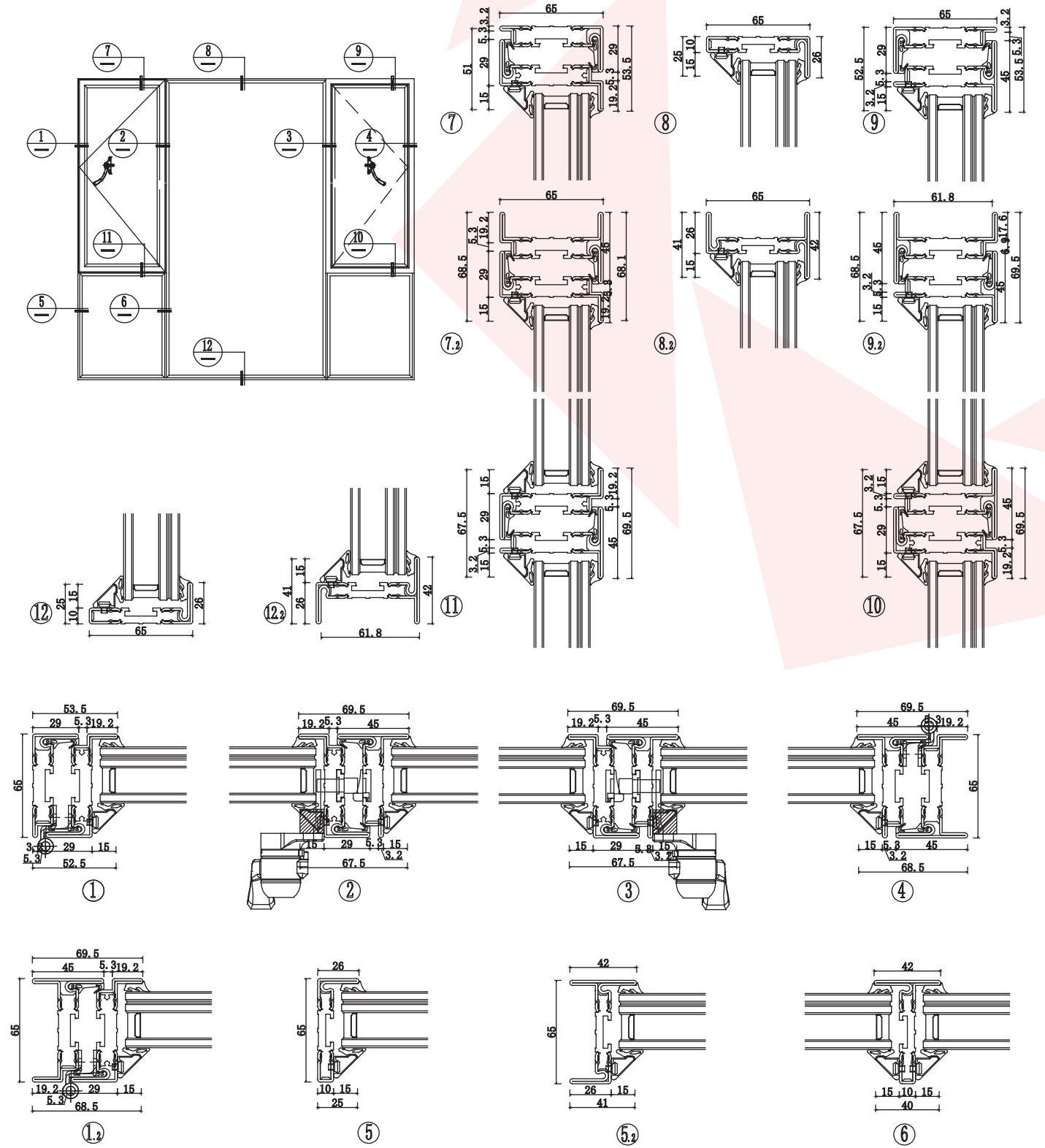
U槽节点

U Slot Joint



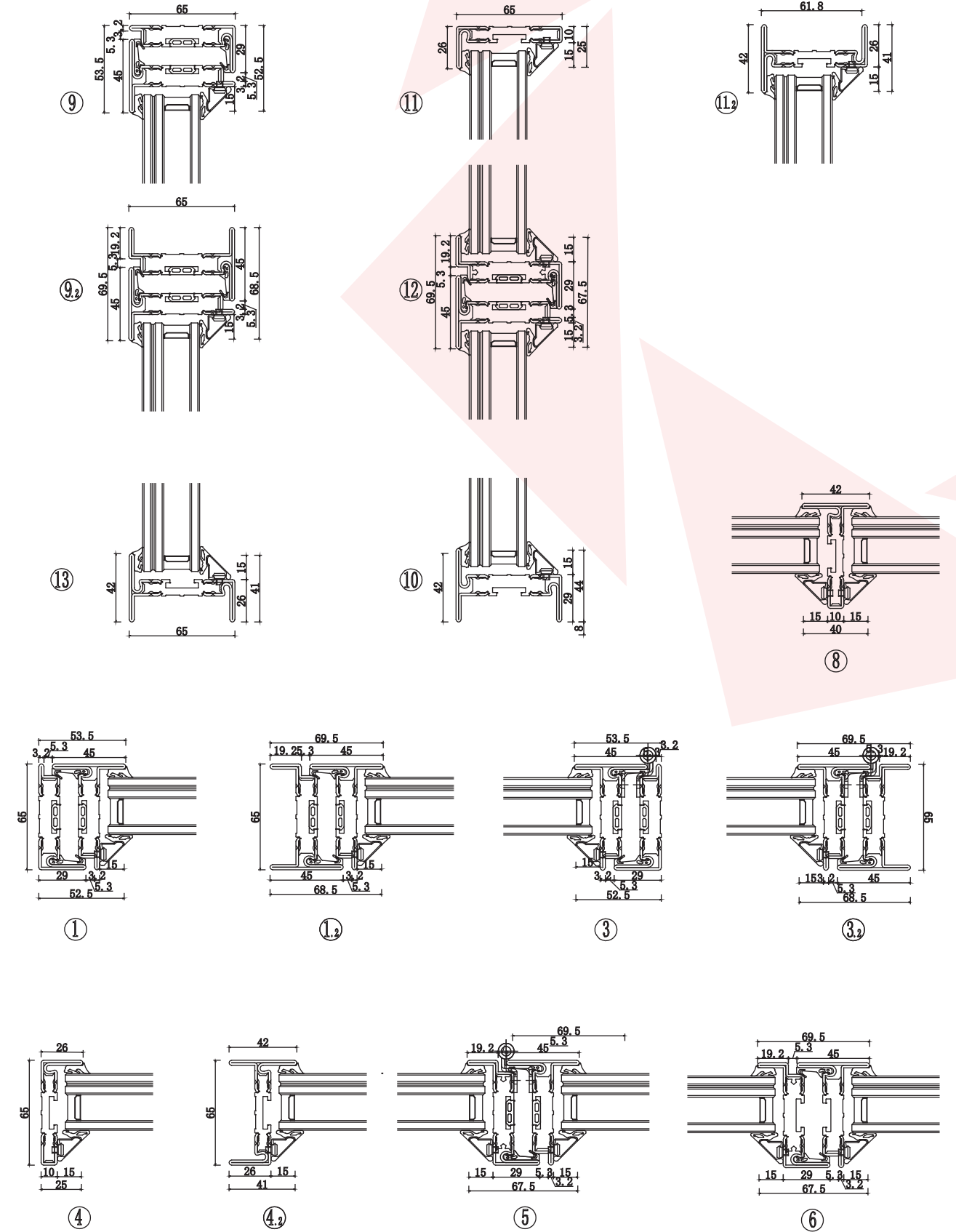
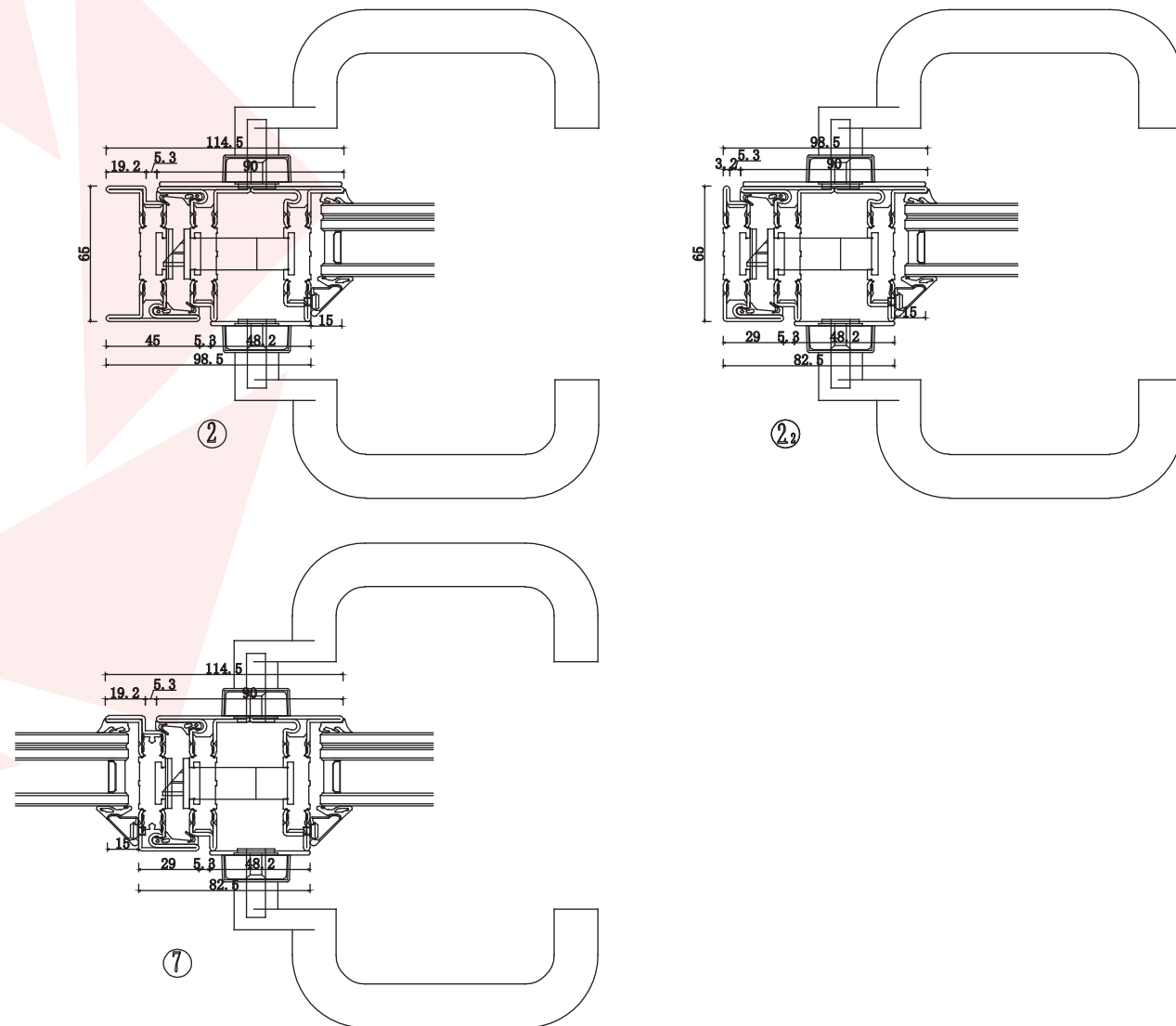
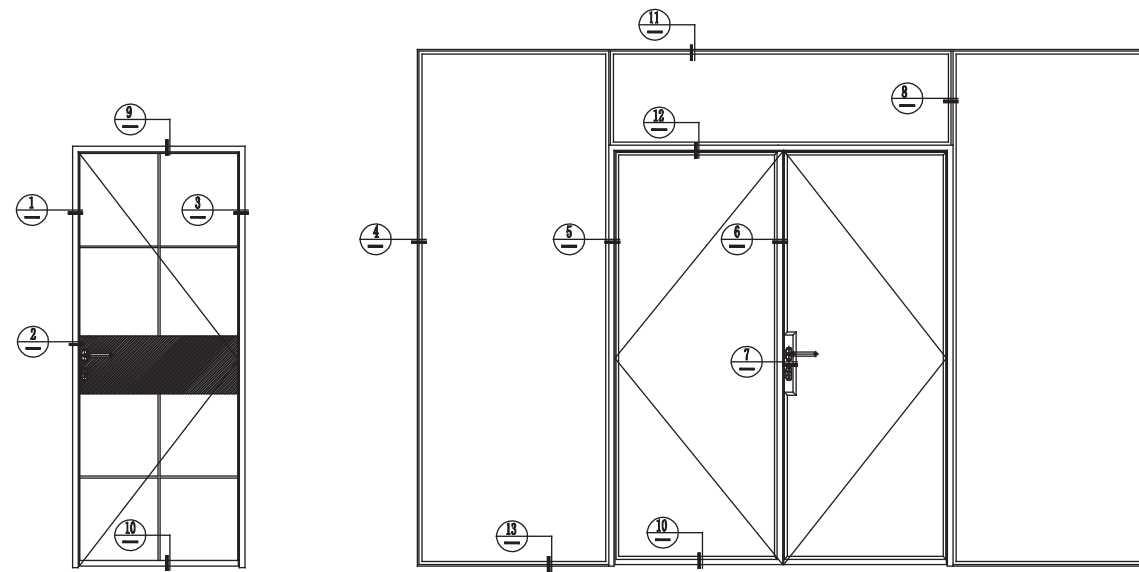
U槽框扇平齐节点

U Slot Frame and Sash Leveling Joint



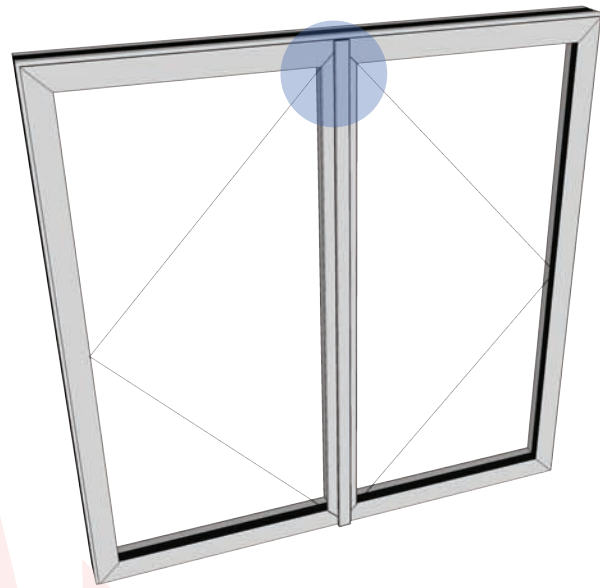
平开门节点

Swing Door Joint



C槽压边双开

C Slot Beading Double Door



C槽压边双开
C slot beading double door



①

主动扇按图切角 (两端对称)
Active sash chamfer according to the diagram (symmetrical at both ends)



②

主动扇焊接示意
Active sash welding guide



③

主动扇装胶条示意
Active sash gasket guide



④

被动扇按图切角 (两端对称)
Passive sash chamfer according to the diagram (symmetrical at both ends)



⑤

被动扇焊接示意
Passive sash welding guide



⑥

被动扇装胶条示意
Passive sash gasket guide

C槽框扇平齐双开

C Slot Frame and Sash Level Double Door



C槽框扇平齐双开上口
C slot frame sash level double door upper opening



C槽框扇平齐双开下口
C slot frame sash level double door bottom opening



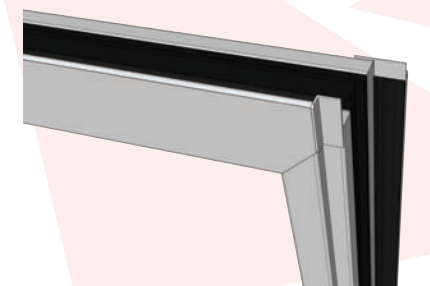
①

被动扇上口按图切角
Passive sash upper opening chamfer according to the diagram



②

被动扇上口焊接示意
Passive sash upper opening welding guide



③

被动扇上口服胶条示意
Passive sash upper opening gasket guide



④

被动扇下口按图切角
Passive sash bottom opening chamfer according to the diagram



⑤

被动扇下口焊接示意
Passive sash bottom opening welding guide

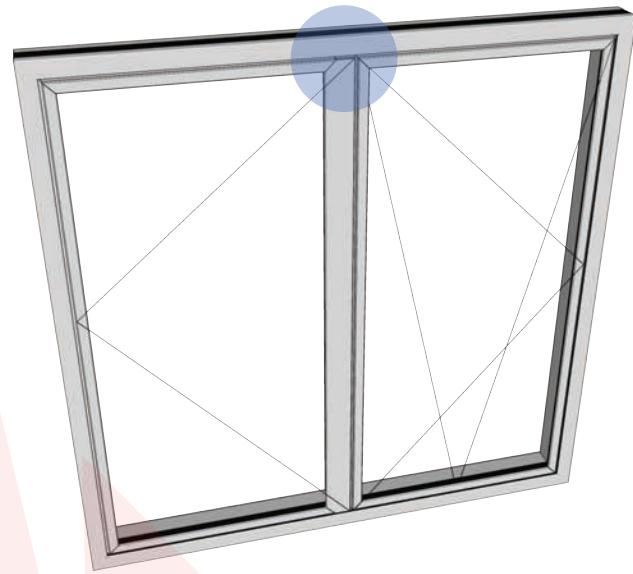


⑥

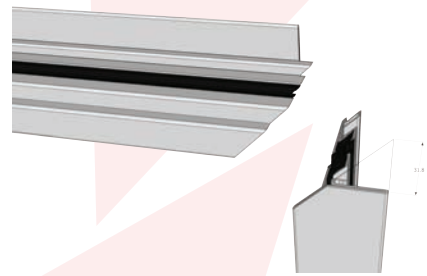
被动扇下口服胶条示意
Passive sash bottom opening gasket guide

U槽双开

U Slot Double Door

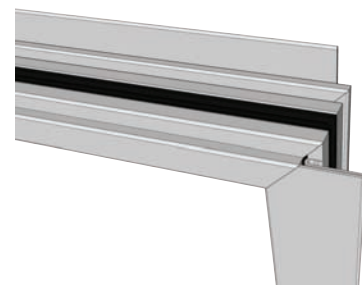


U槽双开上口
U slot double door upper opening



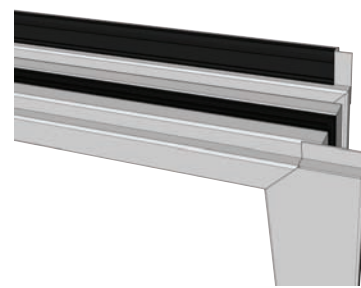
①

被动扇上口按图切角 (两端对称)
Passive sash chamfer according to the diagram (symmetrical at both ends)



②

被动扇上口焊接示意
Passive sash upper opening welding guide



③

被动扇上口装胶条示意
Passive sash upper opening gasket guide



系统功能对照

System Function Matching Table

系统 System	功能 Function							
	叠加幕墙 Superimposed Sliding Curtain Wall	双玻隔断 Double Glazed Partition	幕墙 Curtain Wall	防火窗 Fire Resistance	单玻隔断 Single Glazed Partition	70F 防火门 70F Fire Resistance Door	70H 隔热门 70H Thermal Insulate Door	纤细窗 Slim Thermal Insulate Window
A类防火 Class A Fire Resistance	●	●	●			●		
C类防火 Class C Fire Resistance	●	●	●	●	●	●		
室内隔断 Indoor Partition	●	●	●	●	●	●	●	●
外立面 Exterior Phase	●		●	●	●	●	●	●
平开 Swing				●	●	●	●	●
悬窗 Hanging Window				●	○	○	○	●
采光顶 Lighting Roof	●		●					
折叠 Folding					○	○	○	○
推拉 Sliding					○	○	○	○

防火检测报告

Fire Resistance Report

英普锐机械（嘉兴）有限公司 钢型材系统防火检测报告 Steel Profile System Fire Resistance Test Report							
序号 No.	系统 System	名称 Name	规格尺寸 Specification		防火等级 Fire Resistance Level	证书编号 Certification No.	获得时间 Time
			框架尺寸 Frame Size	玻璃配置 Matching Glass			
1	101 叠加幕墙 Superimposed Curtain Wall	防火玻璃非承重隔墙 (50防火幕墙) 50 Fire Resistance Curtain Wall	3000*3000*139mm	25mm隔热型防火玻璃 25mm Heat-Insulating Fire Resistance Glass	A1.00	2022200945	2022/12/15
2	102 双玻隔断 102 Double Glazed Partition	非隔热型镶玻璃构件 (5386双玻防火隔断) 5386 Double Glazed Fire Resistance Partition	3000*3000*87mm	6mm钢化+8mm钢化 6mm Borosilicate+8mm Borosilicate	C3.00	2020210445	2020/9/15
3		非隔热型镶玻璃构件 (5386双玻防火隔断) 5386 Double Glazed Fire Resistance Partition	2600*3000*87mm	6mm钢化+6mm钢化 6mm Toughened+6mm Borosilicate	C2.00	2021210939A	2021/10/26
4		非隔热型镶玻璃构件 (5386双玻防火隔断) 5386 Double Glazed Fire Resistance Partition	2600*3000*87mm	8mm钢化+8mm高应力 8mm Toughened+8mm High Stress	C1.50	2021210935A	2021/10/27
5		防火玻璃非承重隔墙 (5386双玻防火隔断) 5386 Double Glazed Fire Resistance Partition	3000*3000*87mm	25mm隔热型防火玻璃 +6mm钢化 25mm Heat-Insulating Fire Resistance Glass+6mm Toughened	A1.00	2022200944	2022/12/14
6		103 幕墙 103 Curtain Wall	隔热型镶玻璃构件 (45防火幕墙) 45 Fire Resistance Curtain Wall	1500*3600*133mm	35mm隔热型防火玻璃 35mm Heat-Insulating Fire Resistance Glass	A1.50	2022200409
7		隔热型镶玻璃构件 (60防火幕墙) 60 Fire Resistance Curtain Wall	1500*3600*193mm	45mm隔热型防火玻璃 45mm Heat-Insulating Fire Resistance Glass	A2.00	2022200411	2022/5/28
8	104 防火窗 Fire Resistance	钢质非隔热防火窗 (55防火窗) 55 Fire Resistance Window	1500*1500*55mm	6mm钢化+6mm防火 6mm Toughened+6mm Fire Resistance	C1.50	No.(2022)GJCXF-XS0211	2022/5/11
9	105 C类防火门、 隔断 Class E	非隔热型镶玻璃构件 (50单玻防火隔断) 50 Single Glazed Fire Resistance Partition	3000*3000*50mm	10mm高应力 10mm High Stress	C1.50	2021210938A	2021/10/27
10		非隔热防火门 (单开) Single Open	1100*2390*50mm	10mm防火 10mm Fire Resistance	C1.00	No.(2022)GJCXF-XS0112	2022/5/11
11		非隔热防火门 (双开) Double Open	2200*2500*50mm	10mm防火 10mm Fire Resistance	C1.50	No.(2022)GJCXF-XS0214	2022/5/11
12	106 70F隔热防火 70F Insulated Fire Resistance	隔热防火镶玻璃构件 (70F防火隔断) 70F Fire Resistance Partition	1500*3000*70mm	45mm隔热型防火玻璃 Heat-Insulating Fire Resistance Glass	A1.50	No.(2022)GJCXF-XS0042	2022/1/14
13		隔热防火镶玻璃构件 (70F防火隔断) 70F Fire Resistance Partition	3000*3000*70mm	35mm隔热型防火玻璃 Heat-Insulating Fire Resistance Glass	A1.50	No.(2022)GJCXF-XS0111	2022/5/12
14		70F隔热防火门 (单开) Single Open	1100*2500*70mm	25mm隔热型防火玻璃 Heat-Insulating Fire Resistance Glass	A1.00	No.(2022)GJCXF-XS0113	2022/5/13
15		70F隔热防火门 (双开) Double Open	2200*2500*70mm	35mm隔热型防火玻璃 Heat-Insulating Fire Resistance Glass	A1.50	No.(2022)GJCXF-XS0213	2022/5/13

本表只包含部分检测报告
This table only contains parts of test report