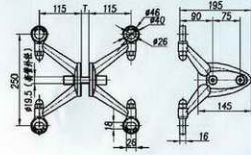
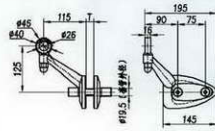




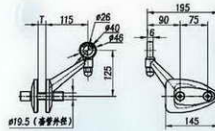
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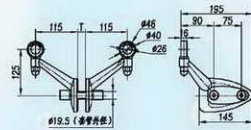
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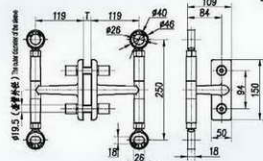
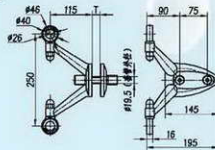
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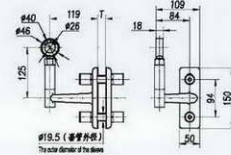
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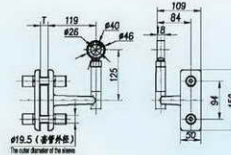
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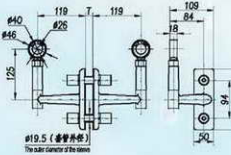
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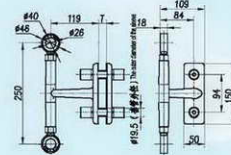
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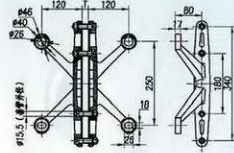


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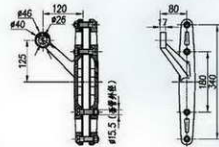




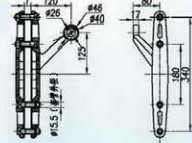
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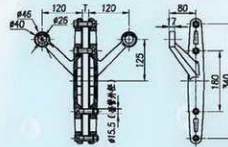
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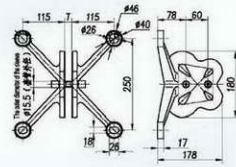
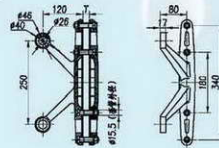
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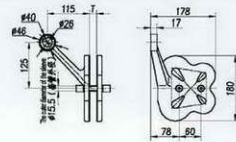
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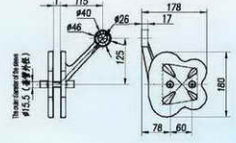
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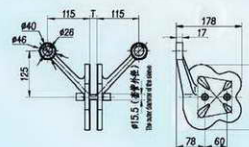
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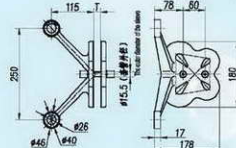
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L250H25

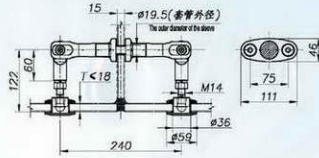


# L240系列 Series

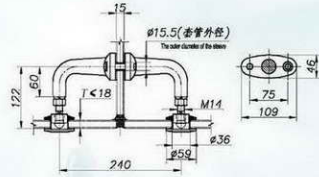
# L300系列 Series



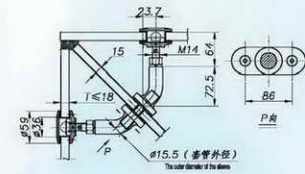
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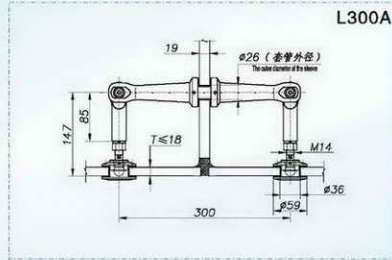
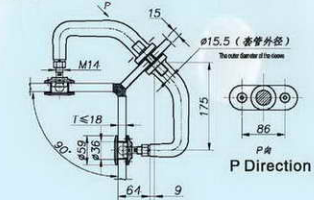
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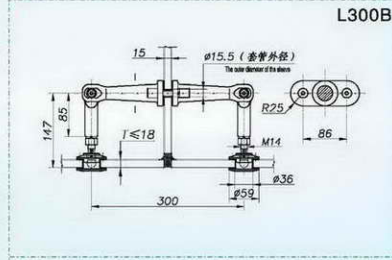
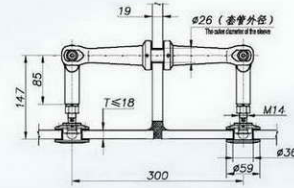
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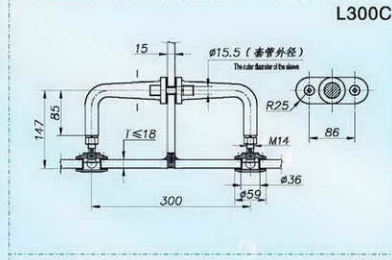
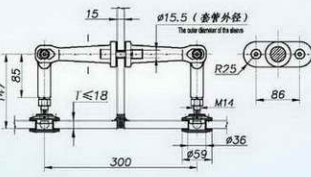
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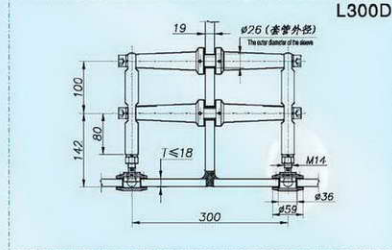
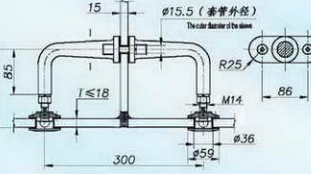
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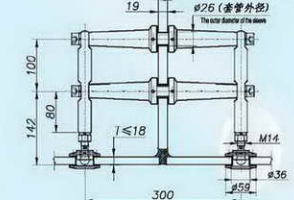
L300B



L300C

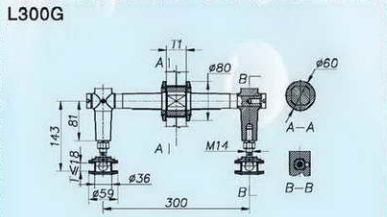
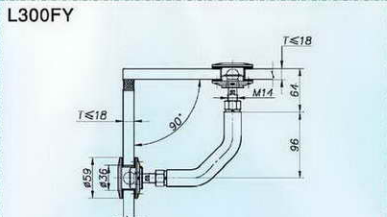
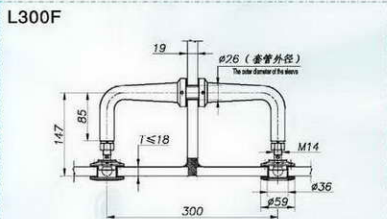
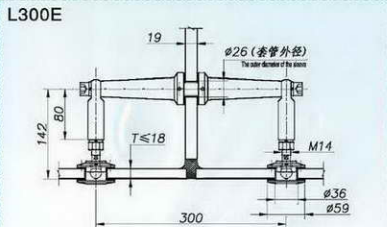


L300D





# 夹具 Glass Clamp

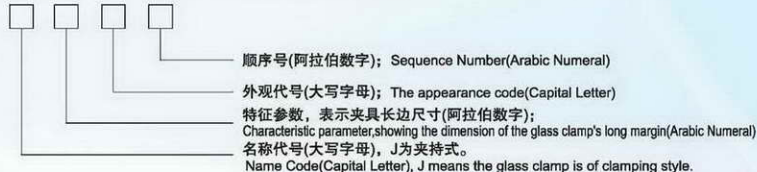


## ● 功能简介 Function Brief

夹具承载力大、外观多样。采用夹具固定的玻璃无需开孔、应力集中小、受力时不易破裂。根据支承结构的不同，夹具可与索结构、钢结构或玻璃肋等相连接。

The glass clamp is of high bearing capacity and different appearances. It is not necessary to punch holes in the glass panel when using the glass clamp to fix. The stress concentration of the glass is small. It is not easy to crack when the glass panel loads stress. The glass clamp can be connected with the tension cable structure, the steel structure or the fin glass according to different kinds of supporting structures.

## ● 型号规则 The principle for making the model number



## ● 夹具承载力推荐值(材质:CF8M)

The design value of the glass clamp's bearing capacity.(The material is CF8M)

序号 No.	夹具系列代号 The glass clamp code	轴向承载力推荐值(N)(负压) The design value of axial bearing capacity(N) (Negative air pressure)	径向承载力推荐值(N)(自重) The design value of radial bearing capacity(N) (The glass weight)
1	J120	20000	3000
2	J145	20000	3000
3	J150	20000	4000
4	J152	20000	4000
5	J160	20000	4000
6	J170	20000	4500
7	J200	20000	4500
8	J220	20000	5000
9	J300	30000	8000
10	J307	30000	8000
11	J308	30000	8000

## ● 技术要点 Technical main point

### ① 索夹具压索螺栓拧紧力矩计算(由机械设计手册推导)

The moment calculation of the bolt's tightening when the tension cable clamp presses the cable.  
(Deriving from the Machine Design Handbook)

$$T=1.3fd/n$$

- 式中 T—单个螺栓拧紧力矩(N·mm); The tightening moment for a single bolt (N·mm)  
f—配件在工程节点中需承受的摩擦力(N); The friction force which the accessories should load on the project node.  
d—压索螺栓公称直径(mm); The diameter of the bolt for pressing the tension cable(mm)  
n—压索螺栓数目。 The number of the bolts for pressing the tension cable.

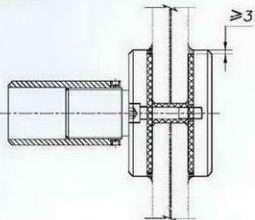
②隔热设计 The heat insulation design

部分夹具可利用断桥原理对其进行改制,能有效降低室内的热量散失和配件表面结露(例如J120系列)。Some clamps can be improved according to the theory of adiabatic bridge. This improvement can effectively reduce the energy loss from the interior and the moisture condensation of the accessories' surface. (For example the J120 series)

③水密性设计 Water proofness design

玻璃夹板边缘与玻璃面板两侧橡胶垫片边缘单边间距 $\geq 3\text{mm}$ (如下图所示),并在玻璃夹板周边打上密封胶可加强幕墙的水密性。

The distance between the glass clamp splint and the glass panel should be larger than or equal to 3mm(Referring to the drawing below). And it is also necessary to put the fluid sealant around the rim of the glass clamp to improve the water proofness of the curtain wall.



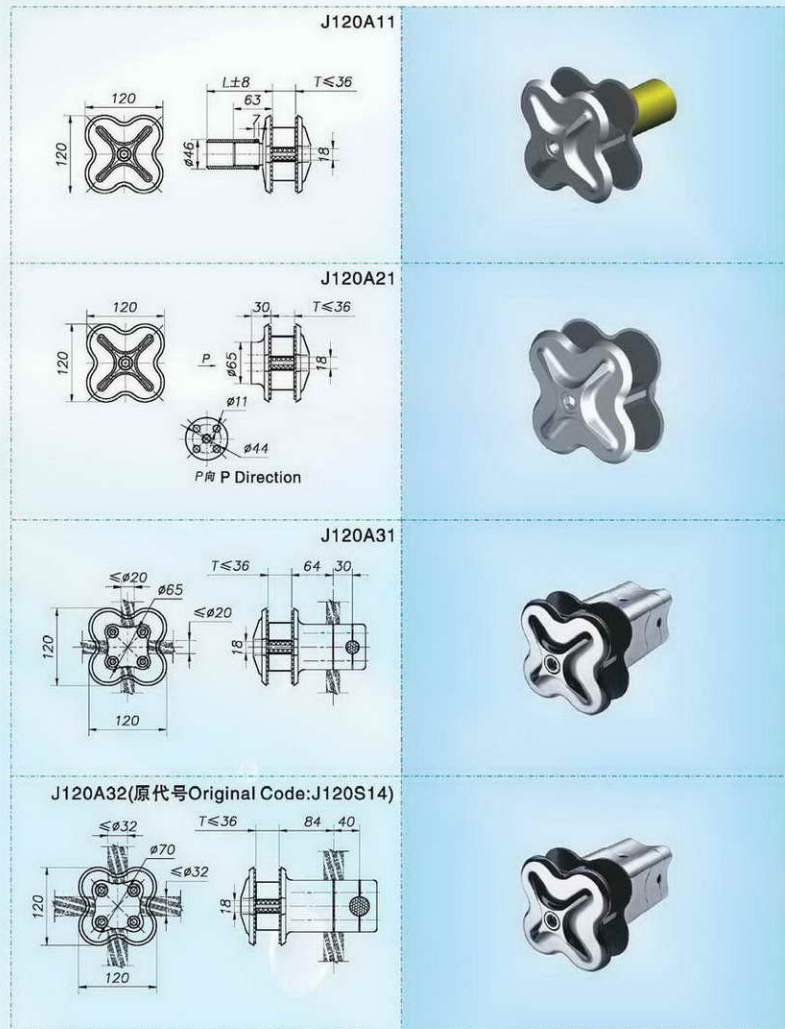
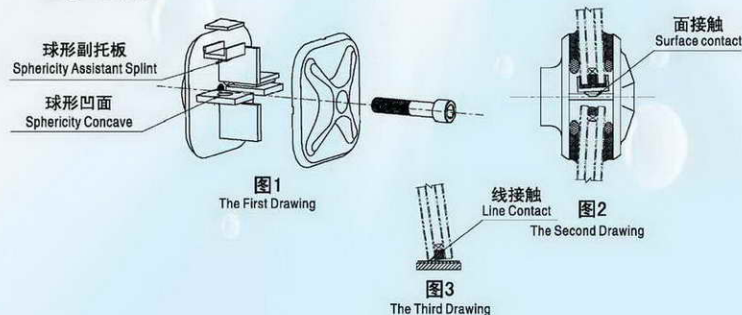
④球铰设计 The spherical hinge design

在传统夹具的托板上设置一个副托板,副托板与夹具托板之间采用球铰副设计,玻璃安装在副托板上(图1)。采用该种球铰结构的夹具,在荷载作用下球铰副可随玻璃面板产生三维转动,避免玻璃棱角应力集中的产生(图2)。而传统球铰夹具则是在玻璃面板角部位两侧设置球铰结构,此种夹具虽理论上对减少大面应力集中有效,但无法解决玻璃棱角的应力集中(图3)。

We have set an assistant splint on the splint of the traditional glass clamp. The spherical hinged design has been adopted between the assistant splint and the clamp splint. The glass is installed on the assistant splint(Refer to the first drawing). The spherical hinge of the clamp with the spherical hinged structure can cause the three-dimension rotation along with the glass panel under the effect of the loading. This can avoid the stress concentration of the glass corners.(Refer to the second drawing) However, the spherical hinged structure has been adopted to the two sides of the glass panel angle part for the traditional spherical hinged glass clamp. This glass clamp can reduce large area stress concentration effectively in theory, it can not deal with the problem of stress concentration of the glass corners.

注: 我司已申请该结构专利,大部分传统夹具可在原产品基础上改制成该球铰结构。

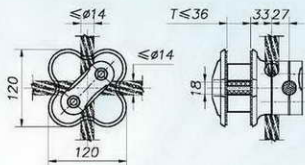
Note: KinLong has applied the patent of this structure, most traditional glass clamps can be re-created to this spherical hinge structure.



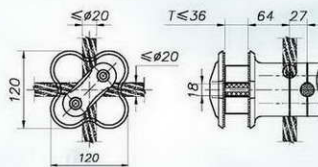




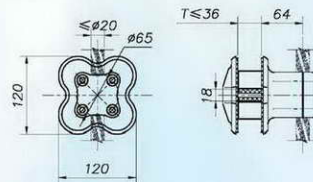
J120A33(原代号Original Code:J120S11)



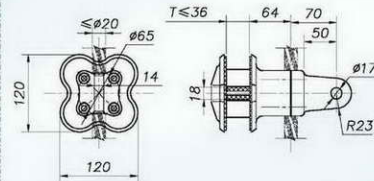
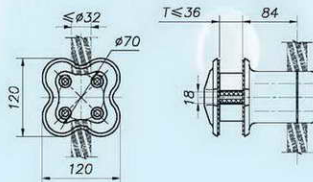
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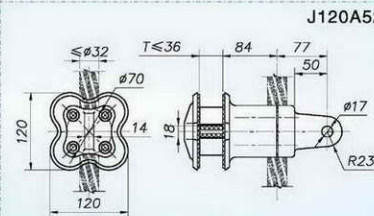
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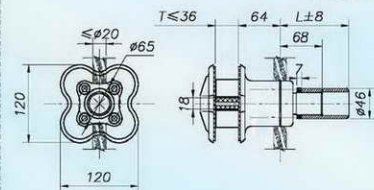
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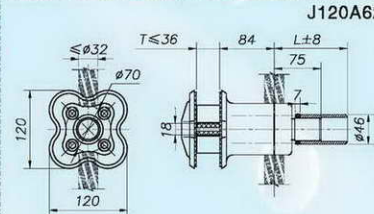
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J120A52



J120A61



J120A62

