



JXL Series Clamp (wedge Type)

Application

Wedge clamp is suitable for non-bearing connection or branching between overhead insulated aluminium strands or steel-cored aluminium strands in overhead distribution lines. The insulating cover and clamp are used together to provide insulation protection.

Structure feature

- Non-magnetic material, no power loss
- Wedge elastic clamping, reliable connection
- Suitable for all kinds of conductor combination, strong applicability



JXL Insulation Cover (wedge Type)

Application of wire clamp

The wedge clamp consists of C-shaped wedge shell and wedge block (as shown in the figure below). The groove size between C-shaped wedge shell and wedge block is directly related to the wire diameter to be installed.

Dimensions and shapes of grooves are determined by the designer and manufacturer. Therefore, when choosing wedge clamp, users only need to provide the model and cross-section size of the main and branch wires at the same time. The choices of wedge clamps are shown in Table 1 and Table 2.



Figure 1: JXL installation tools of wedge type

Application of wire clamp

Fig. 1. Wedge clamp shell is divided into four types: No. 1, No. 2, No. 3 and No. 4. Installation tools are selected according to the size of clamp shell. Small installation tools are used for clamps of No. 1 and No. 2 shells, and large installation tools are used for clamps of No. 3 and No. 4 shells.

Figure 2. The intelligent installation tool developed by our company has many advantages, such as easy operation, reliable use and good installation effect, which can be selected by users.



Figure 2: JXL Wedge insulating clamp intelligence the erecting

Wedge Clamp and Silicone Rubber Insulation Cover

Type	Applicable to nominal section of conductor	
	Main conductor	Branch conductor
JXL-1、Shell No.1	95~50	16~95
JXL-2、Shell No.2	120~50	16~120
JXL-3、Shell No.3	150	16~150
JXL-4、Shell No.4	185	16~185
JXL-4、Shell No.4	240	16~240



Export Type Suspension Clamp



Type	Suitable wire (mm ²)
SC50	16-50
SC95	50-95
SC150	120-150
HC-8-12	25-50
PSP 25-120	4 × 25-4 × 120
SL1500	16-95
SL2500	16-95
SL95	16-95
SL1.1A	16-95

Suspension Clamp with Aluminum Bracket

