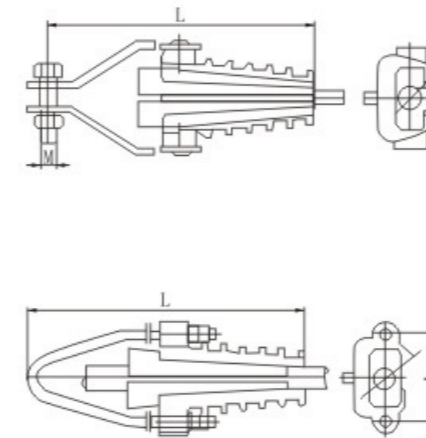
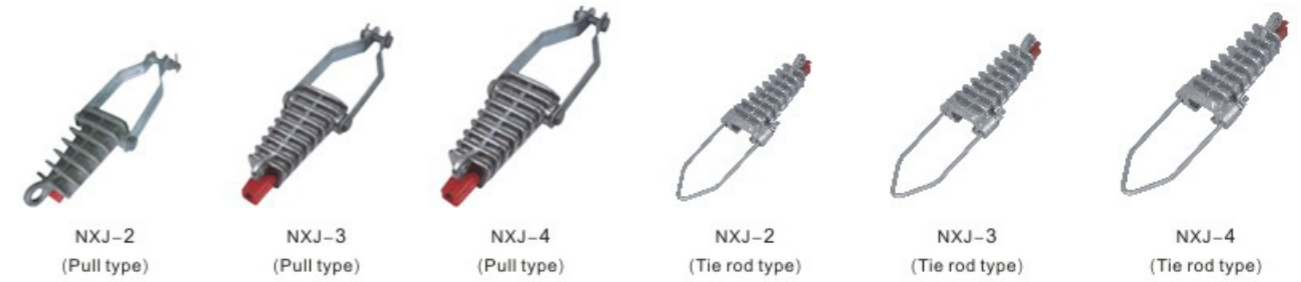
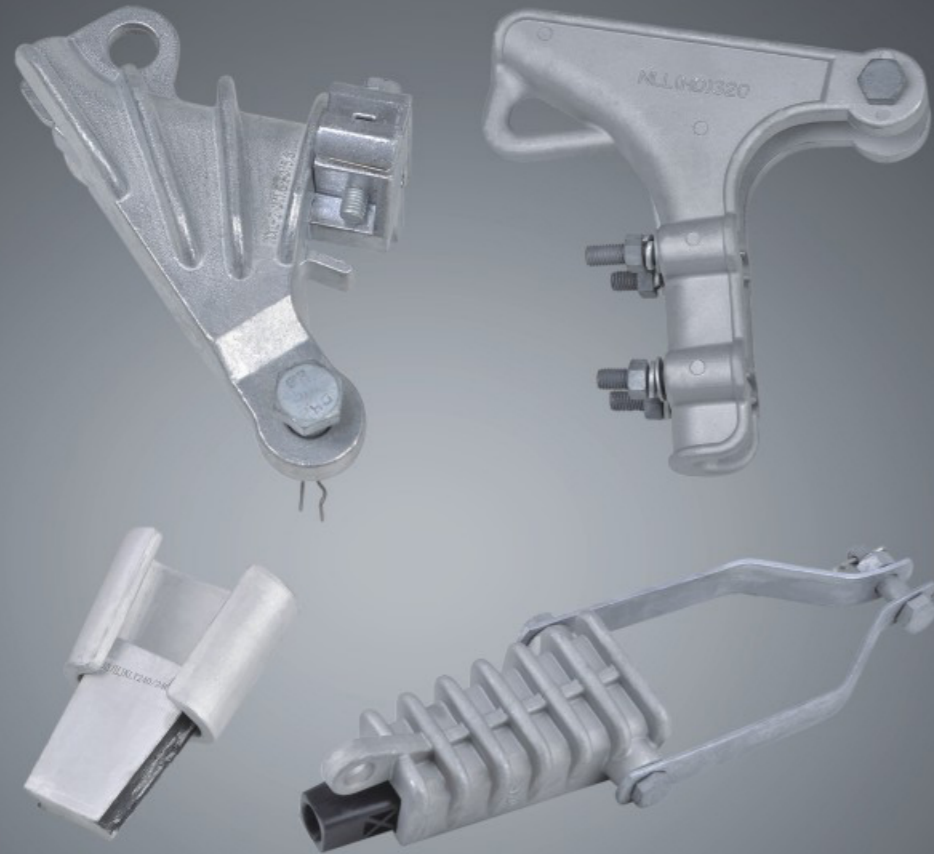


NXJ Wedged Insulation Strain Clamp



Application

NXJ series wedge-shaped insulated tension clamps are suitable for fixing and tightening overhead insulated conductors at the terminals of KJLYJ or at both ends of the tension section together with insulators. Products are divided into two types, each type of products according to conductor specifications and voltage specifications of 1kV 10kV 20kV are equipped with different plastic wedges. The main body of the product is made of high strength aluminium alloy, which has the characteristics of high strength, good grip, light weight, no hysteresis loss and easy installation.

Structure & characteristics

1. The shell is cast by anti-oxidation high strength aluminium alloy without power loss.
2. The wedge core is made of insulating reinforced plastics. The power frequency withstand voltage of 1-10 kV is over or above 18 kV, and the pressure is maintained for one minute without breakdown.
3. Cables can be installed directly without stripping the insulation layer, which is common with insulated aluminium core wires.
4. No power loss, the most energy-saving certification products.
5. Wedge structure, simple and reliable installation.

Specification & parameter

Type	Specification for Overhead Insulated Aluminum Conductors (mm ²)		Suitable for Overhead Insulated Aluminum Conductor External Diameter (mm)		Type	Specification for Overhead Insulated Aluminum Conductors (mm ²)		Suitable for Overhead Insulated Aluminum Conductor External Diameter (mm)		Holding force (kN)	Destructive load (kN)	
	1kV	10kV	1kV	10kV		1kV	10kV	1kV	10kV			
NXJ-1 (Tie rod type)	16		7.2		NXJ-1B (Pull type)	25		8.4		2.5	10.5	
	25		8.4			35		9.8				
	35		9.8			50		11.2				
	50		11.2									4.6
	70		12.8									
NXJ-2 (Tie rod type)	50	16	11.2	12.8	NXJ-2B (Pull type)	70	25	12.8	13.8	4.6	22.5	
	70	25	12.8	13.8		95	35	14.8	15.1			6.7
	95	35	14.8	15.1		120	50	16.2	16.8			8.9
	120	50	16.2	16.8								
NXJ-3 (Tie rod type)	120	70	16.2	18.4	NXJ-3B (Pull type)		70	18.2	13.8	11.3	34.5	
	150	95	18.2	19.8		150	95	20.2	19.8			11.3
	185	120	20.2	21.4		185	120	22.8	21.4			13.6
NXJ-4 (Tie rod type)	240	150	22.8	23.0	NXJ-4B (Pull type)	240	150	23.0	17.3	22.5	43.4	
		185	25.2				185	25.2	22.5			
		240	27.4			240	27.4	22.5				

Insulation Fittings Series

