

NLL Series Aluminium Alloy Bolt Type Strain Clamp

Model:NLL-x

Tension clamp (tension clamp, strain clamp, dead-end clamp) refers to the hardware used to fix the wire to bear the tension of the wire and hang the wire to the tension string or tower.



Product Introduction

According to different structures and installation conditions, strain clamps can be roughly divided into two categories. The first category: the tension clamp should bear all the tension of the conductor or lightning conductor, and the grip force of the clamp is not less than 90% of the rated tensile force of the installed conductor or lightning conductor, but it is not used as a conductor. This type of clamp can also be removed after the wire is installed and used separately. Such clamps include bolt-type strain clamps and wedge-type strain clamps. The second category: tension clamps are used as conductors in addition to bearing all the tension of conductors or lightning conductors. Therefore, once this type of wire clamp is installed, it cannot be disassembled, and it is also called a dead wire clamp. Because it is a conductor, the installation of the clamp must be carefully carried out in accordance with the relevant installation operating procedures.



Product Parameter (Specification)

Catalog No	Applicable Conductor (mm)	C	D	U BOIT	Specified Failure Load
NLL-1	5.1-10.0	18	16	2XM12	20
NLL-2	10.0-14.0	18	16	2XM12	40
NLL-3	14.0-18.0	27	16	3XM14	70
NLL-4	18.0-23.0	30	18	3XM14	90
NLL-5	23.0-29.0	36	22	3XM16	120

Note: NLL Series are suitable for aerial line up to 220KV, fixing aluminium wire or steel core aluminium wire on the strain pole.

Structure feature

- * The body is made of high-aluminium alloy
- * Smooth surface long service life
- * Easy installation
- * No waste electric energy

Product Feature

- 1) The Strain Clamps have high strength and reliable grip. The grip strength of the wire clamp shall not be less than 95% CUTS (the calculation of the breaking force of the stranded wire).
- 2) The stress distribution of the twisted wire by the clamp is uniform, and the twisted wire is not damaged, which improves the anti-vibration capability of the twisted wire and greatly prolongs the service life of the wire.
- 3) Simple installation and easy construction. The construction time can be greatly shortened, and the operation can be completed by one person without any special tools.
- 4) The installation quality of the wire clip is easy to guarantee, and can be inspected with the naked eye without special training.
- 5) Good corrosion resistance, select high-quality materials. The material is exactly the same as the wire, which ensures that the clip has a strong ability to resist electrochemical corrosion.
- 6) Optional anti-theft ring can effectively solve the problem of anti-theft.

Application

