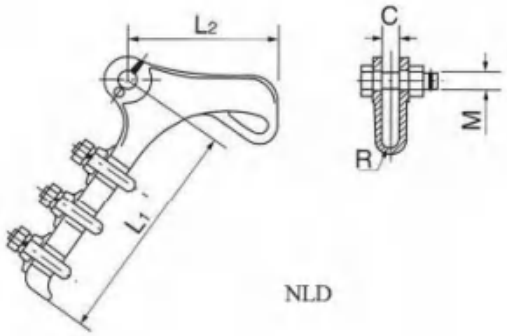
Overview

Bolted type strain clamp is also called dead end strain clamp or quadrant strain clamp. The bolt-type strain clamp is used to fix the overhead line by the friction effect produced by the vertical pressure of the U-shaped screw and the wavy slot of the clamp. The current standard flip-chip strain clamp makes full use of the friction generated by the bent part of the clamp, improves the grip of the clamp, and reduces the number of bolts. The power line fitting is generally suitable for installing aluminum stranded wires, copper stranded wire and ACSR.



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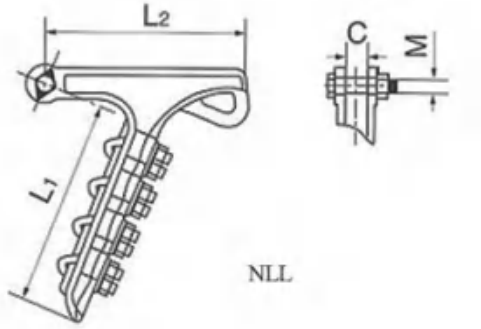

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Features:

1) The pole line hardware tension clamp has high strength and reliable grip. The grip strength of the clamp is not less than 95% CUTS (calculated breaking force of stranded wire).

2) The stress distribution of the wire clamp to the stranded wire is uniform, does not damage the stranded wire, improves the anti-vibration ability of the stranded wire, and greatly extends the service life of the wire.

3) Simple installation and easy construction. Can greatly shorten the construction time, without any special tools, one person can complete the operation.

4) The installation quality of the clamp is easy to guarantee, and can be inspected with the naked eye without special training.

5) Good corrosion resistance, use high-quality materials. The material is exactly the same as the wire, ensuring that the transmission line hardware wire clamp has a strong ability to resist electrochemical corrosion.

6) An anti-theft ring is optional to effectively solve the anti-theft problem.

Product installation:

1. One is to wrap a metal tape made of the same material as the wire around the wire to be installed.

2. The second is to line the wire slot of the wire clamp and the pressure plate with gaskets during manufacture. Usually, 1*10 aluminum tape is wrapped when installing the AAC and the ACSR.

3. When installing the bolt-type tension clamp, use a force measuring wrench to tighten the bolts evenly, and as much as possible on the ground or on a special operating table to ensure that the clamp has sufficient grip on the wire.

Parameter

NLD Strain Clamps (Bolt Type)

Catalog	Conductor Dia.	Dimensions(mm)					U Bolt		Rated Failure Load	Weight
No.	(mm)	M	C	L_1	L_2	R	Qty(pc.)	dia(mm)	(kN)	(kg)
NLD-1	50-10.0	16	18	150	120	6.5	2	12	20	1.3
NLD-2	10.1-14.0	16	18	205	130	8	3	12	40	2.1
NLD-3	14.1-18.0	18	22	310	160	11	4	16	70	4.6
NLD-4	18.1-23.0	18	25	410	220	12.5	4	16	90	7.1

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The body and keeper are made of aluminium alloy, the cotter-pin is made of stainless steel, the other parts are made of hot-dip galvanized steel.

NLL Aluminium Alloy Strain Clamps (Bolt Type)

Catalog	Conductor Dia.	Dimensions (mm)				U Bolt Qty	Rated Failure Load	Weight
No.	(mm)	M	C	L_1	L_2	(pc.)	(kN)	(kg)
NLL-1	5.1-11.4	16.0	19.0	126.0	108.0	2.0	40.0	0.5
NLL-2	8.9-18.5	16.0	24.0	176.0	187.0	2.0	40.0	1.8
NLL-3	5.0-15.0	16.0	17.5	190.0	203.0	3.0	70.0	1.9
NLL-4	12.1-21.8	16.0	30.0	298.0	284.0	4.0	90.0	4.1
NLL-5	18.0-30.0	24.0	36.0	446.0	342.0	5.0	620.0	7.0

The body and keeper are made of aluminium alloy, the cotter-pin is made of stainless steel, the other parts are made of hot-dip galvanized steel.