



NLL-1(190)



NLL-2(230)



NLL-3(285)



NLL-4(320)



NLL-5(350)



## Application

NXL series aluminium alloy strain clamp(Bolt type) is suitable for aerial line up to 35kV, fixing aluminium wire or steel core aluminium wire on the strain pole, aerial insulation aluminium conductor and insulation aluminium cover are being used together, It's aciton is insulation protection.

## Structure feature

1. The body is made of high-strengthaluminium alloy
2. Smooth surface long servile life
3. Easy installation
4. No waste electric energy

## Insulation cover performance feature

1. Withstand voltage:18kv keep voltage one minute not breakdown
2. Insulation resistance:  $1.0 \times 10^{14} \Omega$
3. Environment temperature:  $-30^{\circ}\text{C} \sim 90^{\circ}\text{C}$
4. Weather proof performance: have good performed after 1008 hours artifical climate aging test

## Specification

Type	Applicable wire range (mm)	U-shaped screw		Damage load (kN)
		Number	Diameter M	
NLL-1	5.0~10.0	2	12	40
NLL-2	10.1~14.0	2	12	40
NLL-3	14.1~18.0	3	14	70
NLL-4	18.1~23.0	3	14	90
NLL-4L	12.48~21.66	4	16	90
NLL-5L	23~29	3	16	90
NLL-6	25.9~32.67	5	16	100

## Specification

Type	Applicable wire range (mm)	U-shaped screw		Damage load (kN)
		Number	Diameter M	
NLL-1G	$\Phi 5-16$	2	M12	40
NLL-2G	$\Phi 5-21$	3	M12	70
NLL-5D	$\Phi 5.0-11.5$	2	M10	18
NLL-6D	$\Phi 11.7-15.0$	3	M10	24.5
NLL-35/6	$\Phi 8.16$	2	M10	12
NLL-70/12	$\Phi 11.4$	3	M10	28



## Application

NXL Series strain clamp is suitable for distribution wire up to 10kV, firstly, fix the aerial insulation aluminum conductor or naked aluminum conductor on the rotate angle or insulator of terminal strain pole, and then fix and tight the aerial conductor.

The inner wedge is made of high strength aluminum through heat treatment, the outside shield was made from good climate resistance insulating material. This product was belonging to power-saving anchor clamp.

## Structure Feature

1. Choose the unmagnetic character high-intensity oxidate-resistance aluminum alloy, No waste electric energy.
2. Wedged-Locked structure easy-installation.
3. An arc embraces the most part, conductor cannot change. Large grip strength.
4. No waste electric energy.

## Insulation Cover Performance Feature

1. Withstand voltage:  $\geq 18\text{kV}$  keep voltage one minute not breakdown
2. Insulation resistance:  $> 10 \times 10^{14} \Omega$
3. Environments temperature:  $-30^{\circ}\text{C} \sim 90^{\circ}\text{C}$

Catalogue No.	Applicable cable cross section (mm)	Length L1 (mm)	Grip strength (kN)	Damage load (kN)	Insulation cover type
NXL-1	50	245	5.16	14.50	NXL-95
	70		7.12		
	95		9.40		
NXL-2	120	255	12.70	23.40	NXL-150
	150		15.20		
	185		18.50		
NXL-3	240	300	23.60	36.30	NXL-240
	240		23.60		
NXL-4	$\Phi 22.5-27.5$	320	55	61	NXL-4

Catalogue No.	Applicable cable cross section (mm)	Length L1 (mm)	Grip strength (kN)	Damage load (kN)	Insulation cover type
NXL-2	35	No stripping insulation layer	3.40	14.50	Used to 10kV insulated aluminum wire
	50		4.60		
	70		6.70		
NXL-3	95	No stripping insulation layer	8.90	23.40	Used to 10kV insulated aluminum wire
	120		11.30		
	150		13.60		
NXL-4	185	No stripping insulation layer	17.30	36.30	Used to 10kV insulated aluminum wire
	240		22.50		