

Cable clamps for tension towers of overhead lines



Overview

Since there are different kinds of transmission lines, it is only necessary that the tension clamps are not all the same. According to functionalities, there are two broad categories of tension clamps. A tension clamp is a sturdy fitting that is used for completing the tensional connection on a conductor or cable. The fitting has different components that are connected to the cable at specific points. As it completes the connection, the tension clamp helps to provide mechanical support to the insulator and also around the conductor. The design of a te. As we have just mentioned, a tension clamp is used for giving cables mechanical and electrical support. To bring the matter into a clearer perspective, here are the key functions of tension clamp: A bolted tension clamp comprises of different components which include: The body: This is the main component of the tension clamp. It is the part on which the conductor is attached for support and connection. The body is combined with the wedge to maximize the area of connection or attachment with the cable. Washers: The washers are positioned right. Before you buy and use tension clamp, you should confirm what it is made of. The material must be compatible with the conductor application. This property is vital as it will determine how strong the tension clamp fastening fitting is. Our tension clamps are made of high-grade aluminum and cast iron materials. The most attractive feature of these m.



Article Content

Oct 26, 2025

Tension Clamps | OHL Overhead Line Clamps | ENSTO

The tension clamp is equipped with shearhead nuts. View the range of Tension Clamps manufactured by Ensto for Overhead Line Networks, see also Suspension Clamps.

Feb 26, 2026

The Ultimate Guide To Dead End Clamps

A dead-end clamp, often called an anchor or tension clamp, is a hardware fitting designed to terminate and hold cables in overhead line systems securely.

Oct 18, 2025

Tension Clamp, Wire Preformed Tension Clamp for Overhead Lines

Overhead lines include aerial cables, ABC insulated cables, distribution lines, telecommunication lines, and power transmission stations. For overhead connections, a corrosion ...

Jul 16, 2026

Bolted Type Tension Clamp, NLL and NLD Series Strain Clamp

In this comprehensive guide, I am going to open up to you about everything that you should know about tension clamps for the overhead line. At the end of it, you will be in a perfect position to buy the best ...

Jan 11, 2026

Suspension Clamps for Overhead Lines

A suspension clamp supports the conductor or optical cable at intermediate towers, carrying vertical loads and allowing limited angular deviation while minimizing electrical loss and fretting wear.

Jan 20, 2026

Tension clamp for Overhead Lines

We manufacture and supply tension clamps for ACSR, AAC, AAAC, and covered conductors, designed for 1kV to 500kV overhead power systems. Fast delivery for EPCs, utilities, and transmission ...

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Suspension Clamps | Hubbell Power Systems

Find top-quality suspension clamps at Hubbell, crafted for robust support in overhead line installations. Ensure stability and safety with our reliable products.

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Clamps, Suspensions, And Guy Wire Clamps

MSI H-J7902B Curved Heavy Duty Suspension Clamp, is constructed with curved ends to prevent damage to the messenger strand when turning small angles. It is used in conjunction with through ...

Apr 05, 2026

Bolt Type Tension Clamp | Strain Clamp for Overhead Line

Ensure the security of your power networks with tension clamp for overhead line. From versatile dead end strain clamps to dedicated solutions for overhead lines, our commitment to reliability ensures ...

Contact Us

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