



Clevis Eye

Home » Clevis type » Clevis Eye

Clevis Eye

Download Product details



Other Product Quick Link

- TENSION FITTINGS-Compression Type
- TENSION FITTINGS-Bolting Type
- SUSPENSION FITTINGS AGS Type
- SUSPENSION FITTINGS-Envelope Type-With Armour Rod
- SUSPENSION FITTINGS-Envelope Type-Without Armour Rod
- SUSPENSION FITTINGS-Free Centre Type-With Armour Rod
- SUSPENSION FITTINGS-Free Centre Type-Without Armour Rod

At MM POWERLINE TRANSMISSION, our commitment to the safety and reliability of our power transmission systems is unwavering. A crucial component that supports this goal is the clevis eye. This essential piece of hardware plays a significant role in securing conductors and ensuring the stability of our overhead power lines. In this article, we will explore the features, functions, and importance of the clevis eye in our transmission line infrastructure.

What is a Clevis Eye?

A clevis eye is a robust connector used in overhead power transmission lines. It features a U-shaped clevis with a looped eye at one end, designed to provide a secure attachment point for conductors and other hardware. This design allows for easy connections while maintaining the integrity of the overall system.

Key Features

- Durable Construction:** Clevis eyes are made from high-strength materials such as galvanized steel or stainless steel, ensuring they can withstand harsh weather conditions and resist corrosion.
- Strong Design:** The U-shaped clevis design provides excellent load-bearing capacity, making it suitable for various applications in transmission line systems.
- Ease of Installation:** Clevis eyes can be quickly and easily attached to different support structures, facilitating efficient setup and maintenance for our utility teams.
- Versatility:** These connectors are compatible with a wide range of conductor sizes and types, making them adaptable for diverse transmission line configurations.

Functions of the Clevis Eye

- Secure Connection:** The primary function of the clevis eye is to provide a stable and secure attachment point for conductors, ensuring they remain properly fastened under varying conditions.
- Load Management:** The robust design of the clevis eye helps distribute loads evenly across the transmission structure, minimizing the risk of localized stress and failure.
- Facilitating Movement:** The flexibility of the clevis eye allows for some movement in the connection, accommodating changes due to temperature fluctuations and wind without compromising structural integrity.
- Enhancing Safety:** By ensuring secure connections, clevis eyes significantly reduce the risk of electrical accidents, protecting both personnel and equipment.

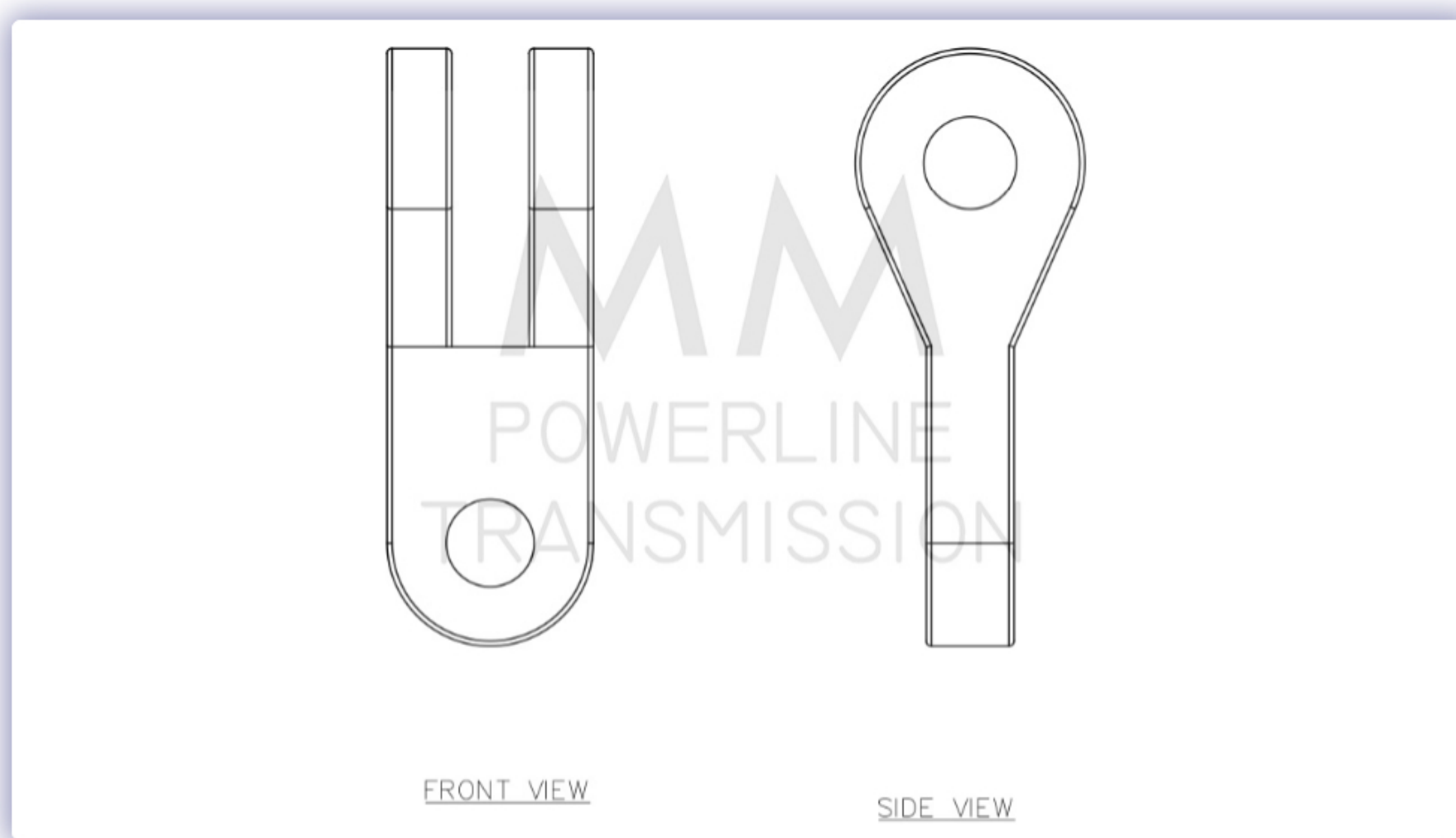
Importance in Transmission Line Systems

The clevis eye is vital for several reasons:

- Safety:** By providing secure connections for conductors, clevis eyes play a crucial role in minimizing the risk of electrical failures and accidents, safeguarding personnel and equipment.
- Reliability:** Consistent power delivery depends on robust transmission lines. High-quality components like clevis eyes enhance the overall reliability of our systems.
- Cost Efficiency:** By preventing wear and damage, as well as reducing maintenance needs, clevis eyes contribute to lower operational costs for MM POWERLINE TRANSMISSION.

Conclusion

The clevis eye is an essential component of our transmission line hardware at MM POWERLINE TRANSMISSION. Its design and functionality are critical for ensuring the safety, reliability, and efficiency of our power delivery systems. As the demand for electricity continues to rise, maintaining a robust transmission infrastructure becomes increasingly important, highlighting the vital role of the clevis eye. Proper selection, installation, and maintenance of this component are essential for upholding the integrity of our transmission lines and meeting the electrical needs of our communities.



BOM

SL. NO	DESCRIPTION	QTY	MATERIAL
1	CLEVIS EYE	1 NOS	HDG STEEL, FORGED STEEL

TECHNICAL DATA

- ALL DIMENSIONS ARE IN MM.
- GENERAL TOLERANCE ±5% UNLESS OTHERWISE SPECIFIED.
- HOT DIP GALVANISED AS PER IS : 2633.

Our Brands



Contact Us

- Facebook
- Twitter
- LinkedIn

Quick Links

- Home
- About Us
- Career
- Contact Us

Address

Office : 2D,N.S.Road,shantinagar Colony,Compact Appt., Block-B,Flat-G001,Liluah,Howrah-711 204,West Bengal,India
 Factory : 58,N.S.Road,Lilauh,Howrah – 711204,West Bengal,India
 +91 8961536500
 sales@mmpt.in