

Lindapter® Holo-Bolt Head Variants

The Lindapter Holo-Bolt is a versatile and innovative fastening solution designed for connecting structural steel sections, hollow sections, and steel-to-steel connections. One of the key features of the Holo-Bolt is its ability to be used with various head variants and corrosion protection materials to suit different application requirements.



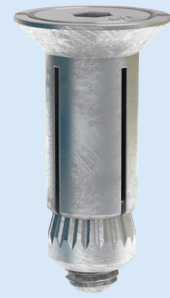
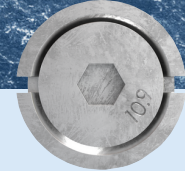
HEXAGONAL HEAD

This is the standard head variant of the Holo-Bolt. It has a hexagonal head that can be tightened using a wrench or a socket set. This head variant is suitable for most applications where a secure connection is needed.



COUNTERSUNK HEAD

The countersunk head variant is designed for applications where an architectural finish is required. It allows for a neat and tidy appearance when the bolt is tightened, as the head has a minimal visible protrusion.



FLUSH FIT HEAD

The flush fit head variant is designed for applications where a completely flush finish is required. It provides a smooth, flat surface when tightened, making it suitable for aesthetic applications or situations where surface protrusion is not possible.

Lindapter® Holo-Bolt Options



ZINC PLATED PLUS JS500

Zinc plating is a common corrosion protection method that involves applying a layer of zinc to the bolt's surface. When combined with JS500, a proprietary coating by Lindapter, the Holo-Bolt gains enhanced corrosion resistance. This combination provides protection against rust and corrosion, making it suitable for both indoor and some outdoor applications.



HOT-DIP GALVANISED

Hot-dip galvanising is a process in which the bolt is immersed in molten zinc. This results in a thick, durable zinc coating that offers excellent corrosion protection, even in harsh environments. Hot-dip galvanised Holo-Bolts are commonly used in outdoor and marine applications.



SHERAPLEX COATED

Sheraplex is a specialised corrosion protection coating. It is a multi-layer system designed to provide long-term resistance against corrosion. Sheraplex-coated Holo-Bolts are suitable for challenging environments, such as industrial plants or coastal areas, where corrosion resistance is crucial.



STAINLESS STEEL

Stainless steel Holo-Bolts are inherently corrosion-resistant due to their composition, made from austenitic stainless steel. These bolts are highly resistant to rust and corrosion, making them suitable for environments where regular steel would quickly deteriorate, such as in food processing facilities or highly corrosive atmospheres.

Holo-Bolt Head screw: Austenitic grade A4, property class 70, EN ISO 3506; Sleeve: Austenitic stainless steel, number 1.4404, EN 10088-3:2005

The Sheraplex process is a Duplex system which utilises the excellent sacrificial corrosion protection afforded by the Sherardizing process combined with an organic barrier layer.

The development of the Sheraplex process is aimed at satisfying the needs of the Water, Oil, and Gas sectors, which have acknowledged the advantages of combining significant sacrificial protection with a protective barrier layer to endure harsh environmental conditions.

The coating seamlessly conforms to the intricate contours of the base material, ensuring uniform coatings on a wide range of articles, even those with complex shapes.

Sheraplex coatings effectively address the challenges associated with substrate corrosion resulting from organic layer damage during component assembly. These coatings provide robust sacrificial protection to prevent substrate corrosion in case of any damage.

The durability of the Lindapter Hollo-Bolt is achieved by coating or by use of stainless steel and is categorised by Corrosivity Class in accordance with ISO 9223. Hollo-Bolts are also available with a special Sheraplex finish that is suitable for High and Very High Corrosion Categories C4 and C5.



Geraldton, Western Australia



In Geraldton, Western Australia, a remarkable construction project was completed, featuring Lindapter's innovative products. For the splice connections in this project, the engineering team opted for Lindapter's Hollo-Bolt connectors. This choice was driven by the product's exceptional strength and durability.

Additionally, the project prominently featured Countersunk Sheraplex Hollo-Bolt connectors. These connectors are not only structurally reliable but also aesthetically pleasing, making them a perfect choice for applications where both form and function are crucial.



Strength and Durability: The use of Lindapter's HB20 connectors ensured robust splice connections, enhancing the long-term structural integrity of the project.



Aesthetics: The HB Countersunk Sheraplex connectors, with their rivet-like appearance, contributed to the project's visual appeal while maintaining structural reliability.



Versatility: Lindapter's products are known for their adaptability and ease of installation, which likely expedited the construction process.

Seascape Auckland, New Zealand



Seascape Auckland is set to become the city's tallest building. Lindapter's products play a vital role in the construction of this ambitious project. Specifically, thousands of Sheraplex Hollo-Bolt connectors were used for the façade connections, ensuring the structural integrity of the building's exterior.

As an iconic landmark near the water, this project demands not only strength but also resistance to environmental factors, and Lindapter's products are well-known for meeting such requirements.



Structural Integrity: Lindapter's HB16 Sheraplex connectors provide a secure and reliable connection for the façade, ensuring the building's safety and stability.



Corrosion Resistance: Given its proximity to the water, Seascape Auckland benefits from Lindapter's corrosion-resistant products, guaranteeing the longevity of the connections in a challenging environment.



Iconic Design: Lindapter products contributed to the seamless and visually stunning design of Seascape Auckland, making it a noteworthy addition to Auckland's skyline.