Press release

Neumarkt, 7th October 2025

Hard as steel: The new connection clamp from DEHN

Integrating steel girders, metal sheets, or profiles into lightning protection or equipotential bonding systems often presents a challenge. This is particularly true when protective coatings against corrosion prevent the direct, conductive connection that is essential for effective lightning current discharge or equipotential bonding. The new connection clamp for steel girders from DEHN overcomes this hurdle with a special blade that penetrates coated surfaces up to 0.2 mm without damaging the surface protection. It is therefore particularly suitable for buildings with metallic structures, such as industrial plants, halls, and multi-storey car parks.

The clamp is made of high-quality materials and can be used wherever an electrical connection to steel girders, sheets, and profiles is required. With a variable clamping range of 3 to 52 mm, it offers maximum flexibility during installation. The product is approved for use in Zone 2/22 hazardous areas and has a high lightning current carrying capability of up to 100 kA (10/350 µs). It fulfils the requirements of the DIN EN 62561-1 standard and provides a permanently safe, electrically conductive connection even under high loads during a lightning strike.

The clamp is available in various designs and materials, both in stainless steel (V2A) and galvanised steel (HDG), with a double clamp or connection bracket. Suitable for round and flat material as well as cables, it is extremely versatile. Typical applications include lightning equipotential bonding with round wire, the installation of air-termination rods without drilling, or the connection of steel girders to earthing systems using connection lugs. The special 7-segment digits also allow use as a test joint, an additional advantage when it comes to testing or maintenance.

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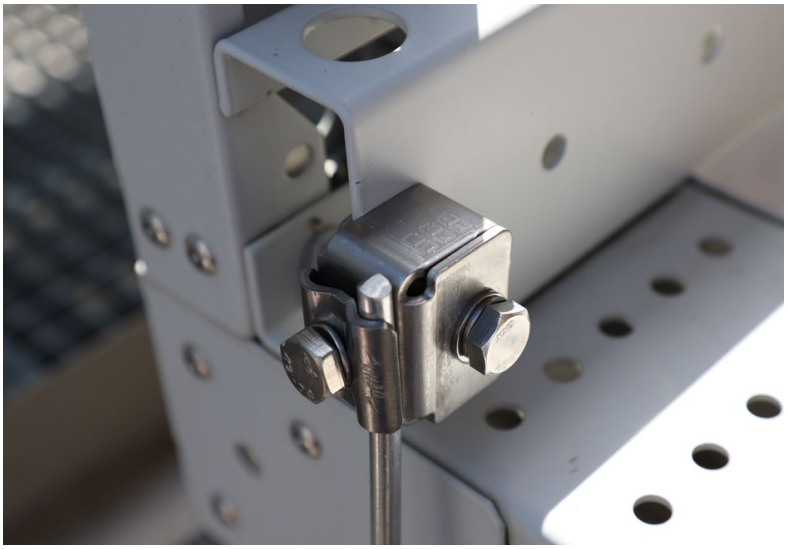

For the reliable integration of steel girders, metal sheets, or profiles into lightning protection or equipotential bonding systems: the new connection clamp for steel girders from DEHN
Image: DEHN SE

Press contact:

Simon Thaler
Director Corporate Communications
Tel.: +49 9181 906 2339
Mobil: +49 151 146 308 90
simon.thaler@dehn.de

About DEHN SE
DEHN is a leading, international family-owned electrical engineering company based in Neumarkt, Germany. With its comprehensive portfolio, DEHN addresses the megatrends of our time – from e-mobility and renewables to the protection of critical infrastructure. The company offers solutions and services for lightning and surge protection as well as safety equipment – fields in which, with more than 900 patents and utility models, DEHN is a leading innovator. The company's products protect people and buildings, systems and telecommunications technology, process industry, alongside photovoltaic systems and wind turbines.
With more than 2,500 employees worldwide, DEHN achieved revenue of around 465 million euros in the fiscal year 2024/2025. Alongside more than 115 years of experience, this constant growth is based on the highest quality standards and a consistent orientation towards customers and markets worldwide.