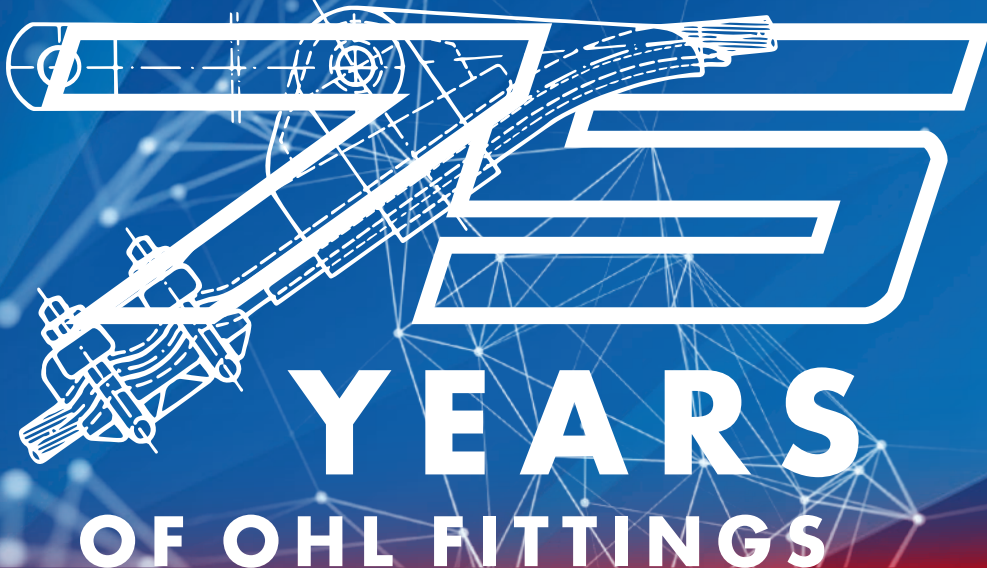


ENERGY

WE ENERGIZE
THE WORLD

STRING HARDWARE

FOR OVERHEAD TRANSMISSION LINES



ENERGY TRANSMISSION

PIONEERING SUSTAINABLE SOLUTIONS

SYSTEMS

TEAMS

LONGSTANDING KNOWLEDGE

SOLVING TRANSMISSION CHALLENGES

EXPERTISE

For 75 years Mosdorfer has been specializing in the development and manufacture of hardware fittings for overhead transmission lines (OHTL). The history of the family-owned company, based in Austria, even traces back 3 centuries. Ever since then designing and forging long-lasting products has been our core competence. Our product assortment today covers complete hardware for OHTL strings, OPGW sets, Earth Wire sets as well as motion control devices.

OHTL Strings

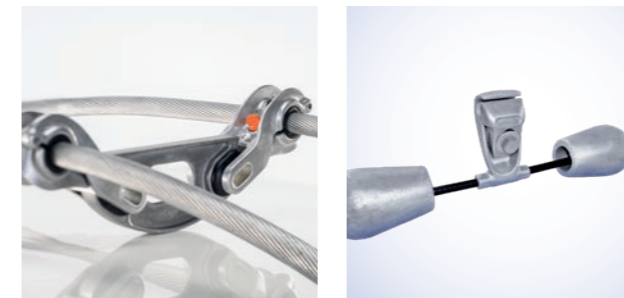


Operating in over 100 countries worldwide, we stand as an industry leader. At our modern facilities we produce a complete range of products, totaling 8,000 tons annually. Committed to excellence, we do comprehensive mechanical and electrical testing for the utmost product quality and reliability. As proud members of the CIGRE Committee B2, we actively contribute to shaping industry standards and best practices.

We offer the complete string hardware for voltage levels from 1 – 800 kV including AC and DC system for all kind of insulators (glass, composite, ceramic):

- Hot line fittings
- Equipment for all standard ACSR, AAC, AAAC and high temperature conductors up to 250 °C (482°F)
- Steel fittings for low temperature ambient (min. energy absorption 20 ft-lb at -4 °C (27)/20°C)
- Special solutions e.g. long span “cross river clamps”
- Variety of tension clamps: compression dead end; bolted (strain) dead end; wedge type; spiral dead end; and suspension clamps (corona free, with or without armor rods, trunnion or envelope type, helical suspension unit clamp)
- Designs meet critical electrical parameters, including Corona/RIV, flashover voltages, short-circuit currents
- Comply to international standards ASTM, IEC, ANSI and other branch relevant industry standards.

Motion Control Products



Our Damp products prevent aeolian vibrations as well as galloping and are available for various conductor bundle configurations.

- Stockbridge dampers, symmetrical (2R) and asymmetrical (4R) for phase conductors, HT conductors, OPGW and earth wires (EW).
- Rigid and semi rigid spacers for twin, triple, quad and other conductor bundle configurations.
- Spacer dampers for prevention of aeolian vibrations. Available for various conductor bundle configurations, rubber cushion clamps, metal to metal clamps, bolted and nut cracker types.
- Doing vibration expertise, damping studies based on special software developed in cooperation with university vibration experts (Politecnico di Milano, Italy)

OPGW and Earth Wire Sets



We offer complete suspension and tension sets for OPGW and various earth wire types.

- Covering diameters of OPGW and EW from 0.275” on
- Suitable Stockbridge dampers available

"Rely on our longstanding expertise and knowledge in the field of overhead transmission line systems. We solve the challenges in energy transmission."

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04-2024

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