

ENERGY

WE ENERGIZE
THE WORLD

STRING HARDWARE

FOR OVERHEAD TRANSMISSION LINES



ENERGY TRANSMISSION

PIONEERING SUSTAINABLE SOLUTIONS

SYSTEMS

TECHNICAL

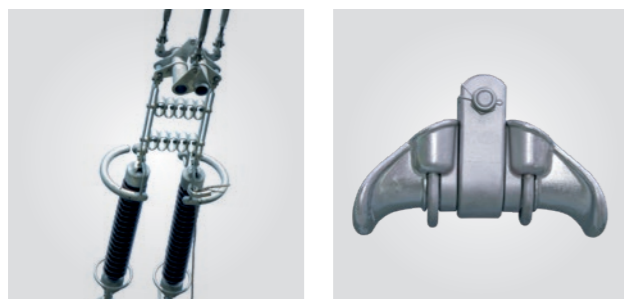
LONGSTANDING KNOWLEDGE

SOLVING TRANSMISSION CHALLENGES

EXPERTISE

For 75 years, Mosdorfer has specialised in the development and manufacture of fittings for overhead transmission lines (OHTL). The history of the family-owned company, based in Austria, even goes back 3 centuries. Since then, designing and forging durable products has been our core competence. Our product range today includes complete hardware for OHTL strings, OPGW sets, earth wire sets and motion control devices.

OHTL Strings



We are an industry leader operating in more than 100 countries worldwide. Our modern facilities produce a full range of products, totalling 8,000 tonnes per annum. Committed to excellence, we carry out extensive mechanical and electrical testing to ensure the highest product quality and reliability. As proud members of the CIGRE B2 Committee, we are actively involved in shaping industry standards and best practice.

We offer complete string hardware for voltage levels from 1 to 800 kV, including AC and DC systems for all types of insulators (glass, composite, ceramic).

- Hot Line Fittings
- Equipment for all standard ACSR, AAC, AAAC and high temperature fittings (ACCC and others)
- Steel fittings for low temperature environments (min. energy absorption 20 ft-lb at -4 °F (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 with international standards such as ASTM, IEC, ANSI and other relevant industry standards

Motion Control Products



Our Damp products prevent both aeolian and galloping vibration 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 to prevent aeolian vibration. Available for various conductor bundle configurations, rubber cushion clamps, metal to metal clamps, bolted and nutcracker types
- Vibration expertise, damping studies based on special software developed in collaboration 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.

- Covers diameters of OPGW and EW from 0.275" upwards
- Matching Stockbridge dampers available

"Rely on our 75 years of experience and our expertise in overhead transmission line systems. We solve the challenges of energy transmission."

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