

# ENERGY

WE ENERGIZE  
THE WORLD

## STAINLESS STEEL FITTINGS

FOR A LONGER SERVICE LIFE



**MOSDORFER**  
KNILL GRUPPE

# FERRITE-FREE PRODUCTION

THE KEY TO CORROSION-FREE FITTINGS

# DURABILITY



We are the pioneers in the design and production of stainless steel string fittings.



Due to increasing demand for insulator strings with extended service life for areas with extreme air pollution, e.g. industrial pollution or salt contamination near the sea, Mosdorfer has modernised its production technologies accordingly.

At the Forging Competence Centre in Austria, Mosdorfer invested into new forging lines to hot form the challenging tough austenitic or duplex stainless steels in highest quality.

The ferrite-free production is the key to corrosion-free end products:

- All forging tools are made in-house from stainless tool steel
- Specially closed transport and storage containers prevent any ferrite contamination
- Pressure furnaces are used for the sensitive solution annealing to increase the strength and stabilisation of the inner crystalline structure and then quenched in gas medium
- Each stainless steel fitting is finally blasted and passivated using specified technology to ensure the highest possible corrosion protection

Contrary to general opinion, stainless steel is not necessarily corrosion-free. With incorrect treatment, such as ferrite contamination or unprofessional passivation, these steels tend to accelerate internal crystalline corrosion and thus to premature brittle fractures.

We at Mosdorfer know, ferrite-free treatment matters. Thus, rely on us and our 25 years of successful field experience with fittings made of stainless-steel in the most inhospitable areas in the world.

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