



Building

Sustainable hoisting

- **Hoisting ropes:** Rope wires
- **Lifting jacks:** Compacted 7-wire strands

Key trends

- Further **growth potential** in emerging markets
- Further **growth of precast activity** versus the work to be done on jobsites
- **Higher loads** for onshore and offshore applications
- More compacted equipment - **sustainability**
- **Longer lifetime**



Advanced rope wire

Challenges

- **Reduce CO₂** footprint of solutions and construction projects
- Fit for downstream processing - **fracture free**
- Minimize maintenance **cost**
- **Long fatigue life**

Benefits



- **Green steel** for challenging rope applications
- High tensile strength rope wires help to **reduce carbon emissions** as breaking load can be reached with finer rope diameter
- **Consistent quality** to reduce scrap in the full supply chain
- Smooth surface, consistent dimensions and exceptional ductility resulting in **longer fatigue life** at the rope level
- Galvanized/Bezinal/Bezinal3000 coated wires for corrosive environments

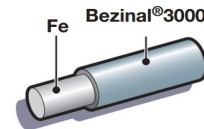
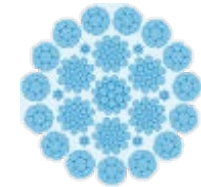
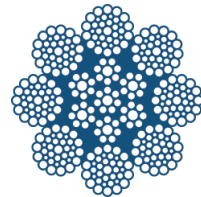
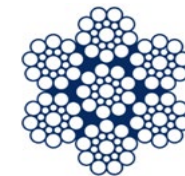
Hoisting rope wire



Product features

- We are able to supply the **full diameter range of rope wires**
- **Advanced coatings Bezinal[®], Bezinal[®]3000** for enhanced corrosion resistance and abrasion resistance
- **Higher tensile strength** up to 2800 Mpa with excellent ductility characteristics
- **Minimum diameter/ steel consumption/ CO₂ emission** for a given breaking load of the rope

Want to
know
more?



Hoisting rope wire



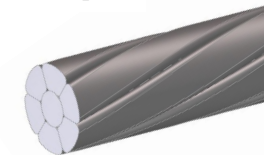
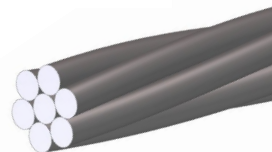
Lifting jacks

Strands for lifting jacks



Product features

- **Complete portfolio of round and compacted strands**, including a wide diameter range
- Compacted strand diameter 15,20 mm, 18,00 mm or 18,20mm and round strands
- **Tensile strength** Rmin 1700 MPa up to 1860 MPa
- **Advanced coatings** for extra corrosion protection
- Consistent **high quality** for peace of mind

Compacted
strands

Bright strands

Benefits



- Robust packaging to guarantee peace of mind - **shelf life**
- **Optimal strand geometry** to fit with the friction gripping thanks to dyform technology/ capability
- Partner for **co-development**
- **Lifetime** of the strands in a corrosive environment
- **Advanced packing** for surface and **corrosion protection**
- Consistent **high quality** for peace of mind

