



© Meyer Werft



## JORDAHL® Mounting Channels and Bolts

Don't compromise. Especially when it comes to quality, reliability and economy.

Compact Information

# JORDAHL® Mounting Channels

JORDAHL® mounting channels, together with the appropriate JORDAHL® bolts, represent a flexible channel-bolt connection, capable of adapting to new load

and mounting requirements at any time. They can be welded directly in place or be bolted together to form frameworks.

## Advantages

- Rapid replacement, retrofitting and movement of components or elements
- No templates, hole patterns or on-site welding necessary
- Economical series production thanks to shorter planning and installation times
- Free positioning and infinitely variable adjustment using simple screw tool
- Compensation of tolerances and change of standard grid dimensions possible
- Rapid disassembly of construction elements

## Features

- Suitable for moderate to heavy constructions, e.g. support frame and highly loaded bolt connections
- For variable bolt spacings parallel to the channel and tolerance compensation for construction elements
- Available in lengths up to 6 metres
- Curved mounting channel on request



## Applications

- Rail vehicle manufacture
- Tunnel construction
- Power station construction
- Elevator construction
- Automotive engineering
- Machine and plant engineering
- Steel and industrial engineering
- Energy and building services engineering
- Marine engineering



Rail vehicle manufacture



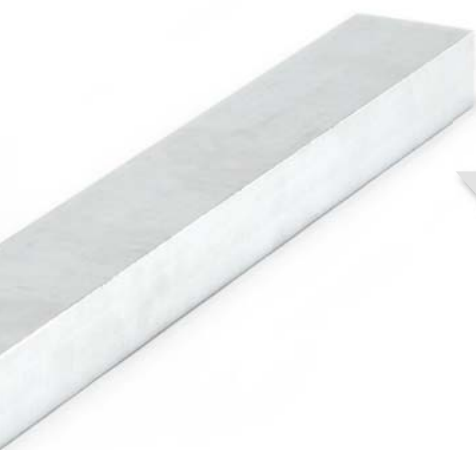
Automotive engineering



Marine engineering

## JORDAHL® 3D-CAD Internet Models

- Complete 2D and 3D models available to download free of charge, for integrating our mounting channels into your own planning
- 2D models for the most common CAD programmes at [www.jordahl.de](http://www.jordahl.de) → Downloads
- 2D and 3D models in a variety of CAD formats available to download free of charge at [www.tracepartsonline.net](http://www.tracepartsonline.net) → Catalogs → JORDAHL



## Hot-rolled Mounting Channels



- Hot-rolled JM W channels are suitable to absorb tensile and shear loads perpendicular to the channel axis
- Hot-rolled, toothed JXM W channels for form-fitting load transmission also in longitudinal direction
- Hot-rolled from a single block
- Free of residual stresses
- High ductility
- Optimised geometry with strengthened channel lips and large contact areas for high tightening torques
- Right-angled channel edges for good weldability
- Accepts dynamic loads
- Planning freedom using toothed channels thanks to universal loading in all directions



## Cold-formed Framing Channels



- Cold-formed JM K channels are suitable for absorbing tensile and shear loads perpendicular to the channel axis
- Cold-formed, toothed JZM K channels enable a form-fitting load transmission also lengthways
- Cold-formed, round-edged
- Constant material thickness
- Suitable for constant static (at-rest) loads
- Lower weight than similar, conventional profiles for the same load category
- Easily securable utility lines, electrical cables, cable trays or air-conditioning ducts
- Cold-formed, perforated JML K channels can be bolted directly in place



# JORDAHL Products

## Proven Security and Quality

- A century of quality “Made in Germany“, used in construction projects around the world
- Production with stringent quality controls in accordance with the requirements of German and European certification procedures
- Internal quality assurance and quality controls in accordance with ISO 9001:2008
- Extensive product range comprising excellent anchoring and connecting elements
- State-of-the-art technology
- Customer support for efficient building and adherence to quality standards
- Material certificates, welding certificates; see our mounting technology catalogue for further information



In addition to JORDAHL® mounting technology we also produce numerous other innovative fastening, reinforcement and (facade) connection products used worldwide.

We have guaranteed the highest quality and safety standards for more than 100 years and offer individual, top-quality solutions to our customers.

## Convincing Performance

- Technical support for planning and design
- Excellent technical know-how from a team of internationally experienced engineers
- Just-in-time delivery on site
- Cost-effective planning and support with engineering calculations
- Customised solutions and project specific advice

## Convincing Service

We make a big thing of customer contact: we are available to answer all your questions, and offer expert and comprehensive advice on our products. We will even develop individual project solutions for you on request. Just get in touch.

### JORDAHL GmbH

Nobelstr. 51  
12057 Berlin  
Germany

Phone: + 49 30 68283-02

Fax: + 49 30 68283-497

[www.jordahl.de](http://www.jordahl.de)

[info@jordahl.de](mailto:info@jordahl.de)

### J&P Building Systems Ltd.

Unit 5 Thame Forty  
Jane Morbey Road  
Thame, Oxon OX9 3RR

Phone: + 44 1844 215200

Fax + 44 1844 263257

[www.jp-uk.com](http://www.jp-uk.com)

[enquiries@jp-uk.com](mailto:enquiries@jp-uk.com)