



# Bending technology

Custom curved steel profiles and steel tubes

**JANSEN**

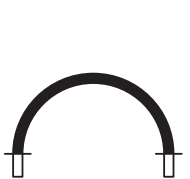
# Steel profiles at their best: curved to suit your requirements.

Whether as individual units, in small or large-scale production, our wide selection of bending options for windows, doors and façade systems offers you a comprehensive range of different arch types with individual bending radii. The curved profiles ensure maximum freedom, particularly when it comes to the design of building façades. In addition to steel profiles, we also bend steel tubes in any desired shape.

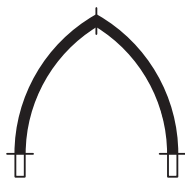
Our expertise in bending with the use of different materials is as diverse as the requirements for form and function in curved solutions.

In addition to the customary materials of steel, aluminium and stainless steel, we bend profiles and tubes made from non-ferrous metals for numerous branches of industry:

- Apparatus construction
- Metal fabrication
- Vehicle manufacturing
- Machine industry
- Shipbuilding
- Furniture industry



*Semi-circular arch*



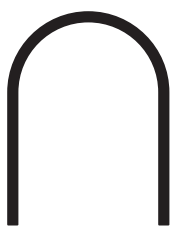
*Gothic arch*



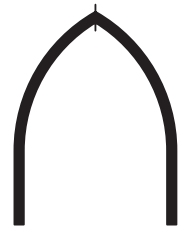
*Oval arch*



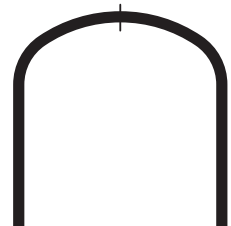
*Segmented arch*



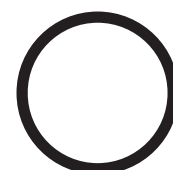
*Semi-circular arch  
with side extension*



*Gothic arch with  
side extension*



*Oval arch with  
side extension*



*Round arch*





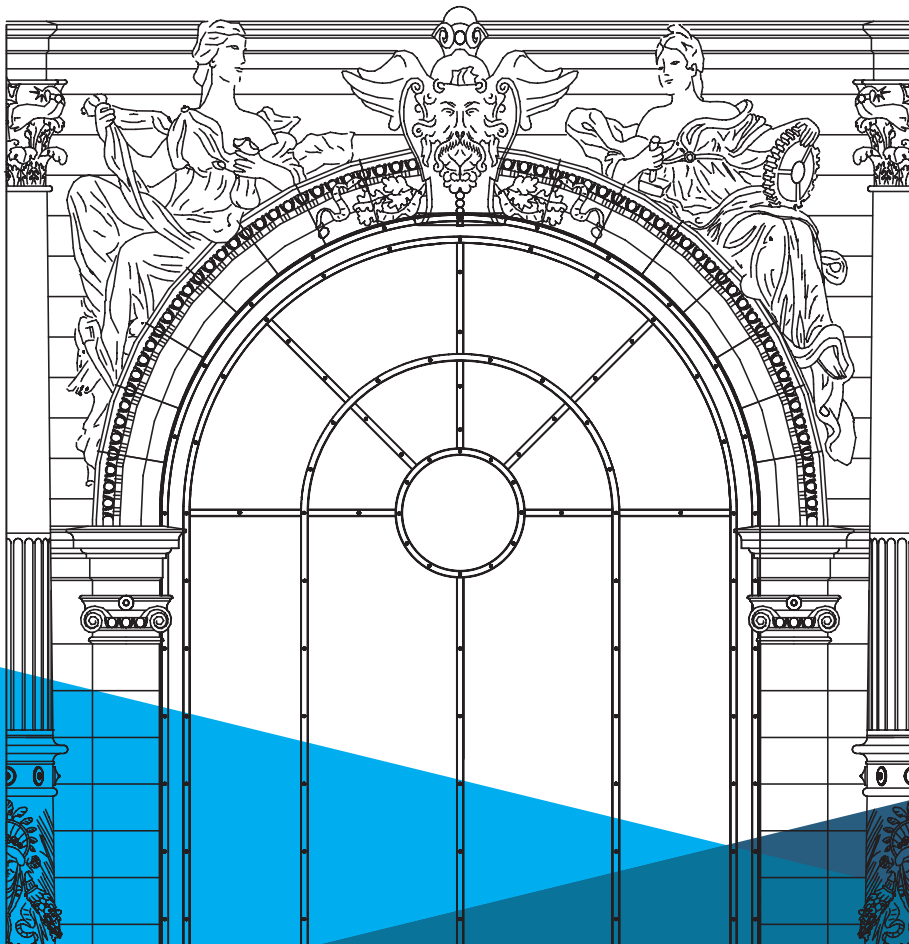
# Providing curved solutions for over 40 years. Our bending options offer a wide range of custom designs.

Steel profile systems visibly shape building structures. Curved profiles are not only sought after for renovation projects. In many places, contemporary architecture also looks to curved designs in order to meet structural and, not least, aesthetic demands.

For over 40 years, Jansen steel, aluminium and stainless steel profiles have been curved to suit individual radii. These include complex profile shapes as well as the bending of complete door, window and façade systems. When dealing with the latest

bending technology, comprehensive expertise is particularly in demand for thermally-insulated steel profiles and fire protection profiles.

Whether frame, sash bar, window vent or door leaf profiles, we know our way around, with sophisticated bend types and complex profiles. In this way, when renovating listed windows, profiles with particularly small radii are often lengthened. With our Janisol Arte window system, radii of up to 200 mm can easily be achieved. The VISS façade system also allows profiles to be bent with a radius of up to 600 mm.









# We bridge the gap, from experience and innovation through to design and implementation.

For us, quality can be measured and manifests itself in a variety of performance benefits for our customers:

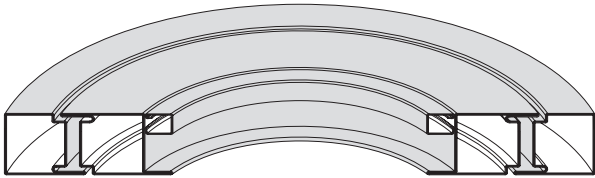
- Short delivery times and delivery in accordance with requirements: individual units, small or large-scale production
- Comprehensive expertise in bending thanks to over 40 years of experience
- The latest bending machines together with our own tool manufacture provide sophisticated and flexible bending performance
- Particularly narrow radii are possible using advance annealing processes
- Extremely small differences in shape ensure particularly smooth visible surfaces
- Specific arched insulating bars provide particularly narrow radii for thermally-insulated window and door profiles
- Special solutions and individual designs for various areas of application

Bending requires maximum precision over all process steps. Using your design - whether in digital form or as a physical template - we bend profiles and tubes to any desired shape. We offer our customers an integral service package that is tailored to individual project requirements:

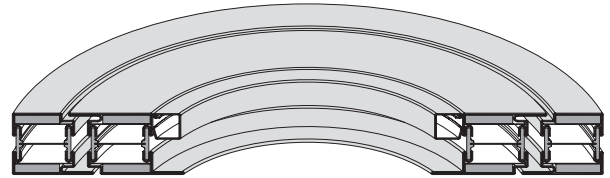
- **Technical support**
- **Feasibility check**
- **Samples**
- **Materials procurement**
- **Warehouse storage**

We would be delighted to provide you with advice in person and are available to answer any questions you may have. [info@jansen.com](mailto:info@jansen.com) or telephone +41 (0) 71 763 91 11

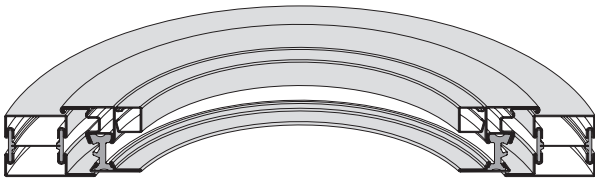
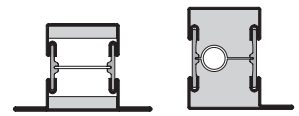




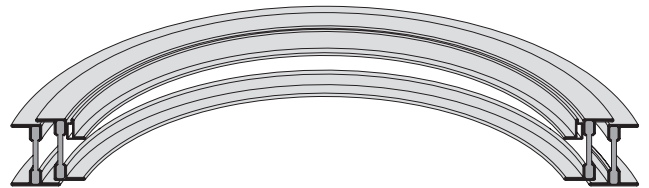
*Door systems*



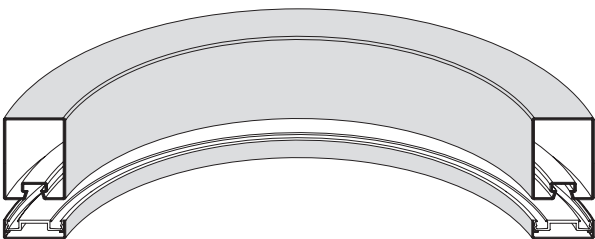
*Fire protection systems*



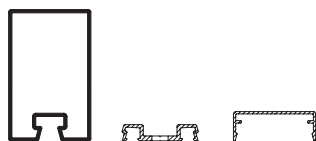
*Window systems*



*Janisol Arte*



*Façade systems*



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