

Flowing shapes in stainless steel

Intelligent solutions
for demanding applications
in many industries

Stainless steel tubes and components worldwide

The fischer group impresses in every market

The fischer group is one of the world's leading suppliers of tubes and components made of stainless steel, titanium, and top-quality special alloys. In eight countries, the fischer group produces using machines, tools and manufacturing processes developed in Germany.

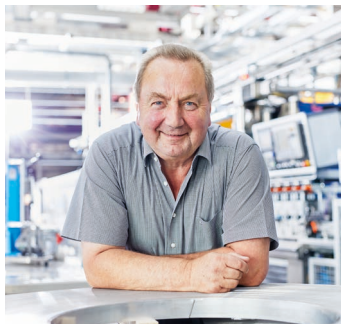
No matter where our customers are, fischer stainless steel tubes and components are delivered to them as quickly as possible. With uniform fischer quality worldwide.

Our experience for your benefit

The fischer group offers excellent know-how and services over the complete horizontal chain of value.

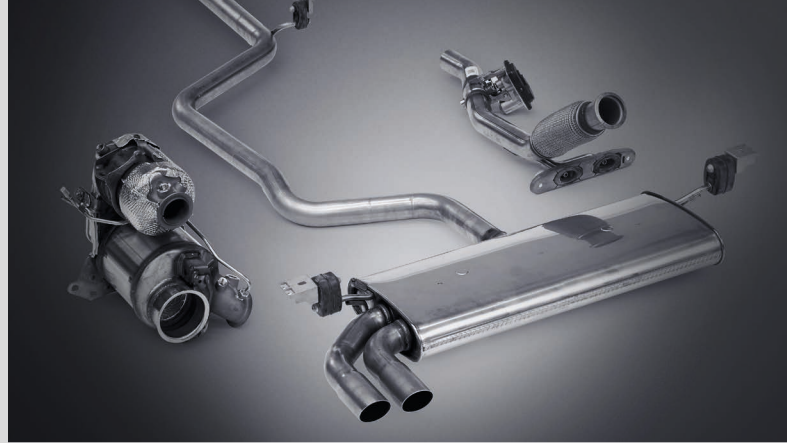
This pays off for the customer in many ways:

- ▶ *From development, tube manufacturing, and further processing to the finished component – everything from a single source*
- ▶ *A solid contact for your requirements*
- ▶ *Quick "time to market"*



"For me, it has always been part of our concept that we only produce top-class quality. This attitude is honored by our customers throughout the world."

Hans Fischer,
company founder
and Managing Partner,
fischer group



The fischer group and its performance areas

fischer Edelstahlrohre

Production of longitudinally welded tubes made of stainless steel, titanium, and nickel-base alloys

fischer Rohrtechnik

Further processing of tubes into components and assemblies

fischer Hydroforming

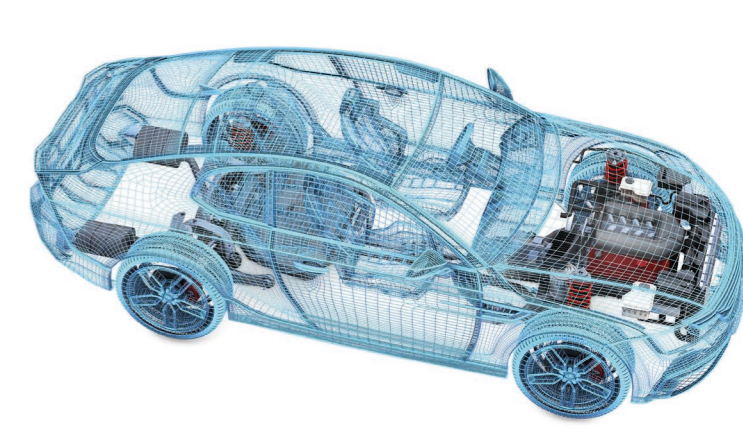
Development and manufacture of complex hydroformed components

fischer Maschinentchnik

Development of machines and tools for tube production and further processing



Source / photo: Vattenfall



Better qualities for Industry & Trade

fischer Edelstahlrohre are in demand in many areas

Machines, units and products with superior materials are manufactured in more and more industries and applications. This quality approach has a longstanding tradition within the fischer group. – Whether made from stainless steel or other high-quality alloys: **fischer tubes will also provide your application with more safety, more stability and a longer life.**

Where fischer quality is in demand:

- ▶ Oil and gas production
- ▶ Power plant and plant construction
- ▶ Chemical and petro-chemical industry
- ▶ Sanitary sector
- ▶ Appliance and electrical industry
- ▶ Trade and project business



"I am fascinated again and again by how great the variety of industries and applications there is for fischer stainless steel tubes – from supplying energy to household appliances, from long tubes to complex components – we deliver impressive products anywhere."

Manfred Seewald,
Sales Director Industry & Trade

fischer Edelstahlrohre and fischer Rohrtechnik: plenty of possibilities

Delivery range tubes

- ▶ **Outer diameter:**
from 6 to 206.0mm
- ▶ **Lengths:**
 - ▶ straight tubes: to 36m
 - ▶ U-shaped tube: to 15m
 - ▶ continuous production on coils: to 3,000m or more
- ▶ **Wall thicknesses:**
from 0.1 mm possible

Materials

- ▶ Austenitic steels
- ▶ Ferritic steels
- ▶ Superferritic steels
- ▶ Duplex steels
- ▶ Superduplex steels
- ▶ Nickel-base alloys
- ▶ Titanium

Processing options

- ▶ Laser separation and contour cuttings
- ▶ Sawing, shearing, deburring
- ▶ Grinding

fischer setzt auf Laserschweißen mit Schweißnahtfaktor V = 1,0



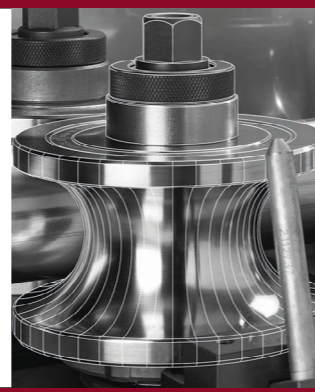
Production processes

- ▶ Axial forming
- ▶ Bending
- ▶ Mechanical cold forming
- ▶ Metal bellows technology
- ▶ Stamping, coping, punching, flaring / necking, cutting
- ▶ Tube end shaping
- ▶ Chipless cutting technology
- ▶ Joining / assembly technology
- ▶ Heat treatment

fischer Maschinenteknik

Quality through in-house development

All fischer companies produce on machines that have been developed in-house. Decades of experience and internal transfer of know-how ensure a uniformly high quality at all international fischer sites.



fischer Hydroforming

Revolution in tube processing

Hydroforming has opened up a completely new variety of shapes for tube processing. The fischer group is one of the leading suppliers of this technology of multiple possibilities.



Your global automotive partner

From tube to complex component

The fischer group is represented worldwide in the most important hot spots of the automotive industry. Highly corrosion-resistant tubes and components from fischer are in millions of vehicles. – From development to worldwide production in your vicinity: **the fischer group puts innovative ideas for the future of the automobile into fluid shapes.**

fischer stainless steel tubes in the automotive industry

From exhaust manifold components to tail pipes – fischer stainless steel tubes ensure reliable mobility.



"In addition to your product, you get a competitive drive for your 'time to market' – flexible, synchronized, worldwide! We coordinate your assembly and all project components from development to the prototype phase to production delivery! This is what all fischer group employees stand for."

All around the world



The fischer group produces stainless steel tubes and components for over 50 years. Ideas, courage, responsibility, and commitment have made the fischer group one of the strongest partners in this market. Around 2,500 employees annually process over 149,000 tons of steel into more than 119 million meters of tubes.



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