fischer tubes and components for the process industry
For lasting reliable plants
Materials and dimensions optimally designed

In the process industry, tubes and components made from alloy steel are exposed to very high operational demands. The fischer group develops, manufactures, and delivers suitable components that fit the requirements of your processes and plants: the right alloy, perfect wall thicknesses, and the required diameters and lengths. No matter whether for new large-scale projects, individual orders, or overhauls of existing plants.

Benefit from the fischer group’s broad range of services and decades of specialization.
fischer stainless steel tubes in plant construction

Under the harshest conditions
fischer tubes are your first choice wherever liquids and gases have to be transported. Even in highly corrosive environments, at high and low temperatures, in conjunction with corrosive acids or alkaline solutions, salt water, or special mechanical demands – fischer tubes do what they are supposed to: they reliably withstand physical stresses.

**MATERIALS**

Always the suitable material
The materials processed by fischer Edelstahlrohre cover a wide spectrum of requirements of the desired material properties:
- Austenitic steels
- Ferritic steels
- Superferritic steels
- Duplex steels
- Superduplex steels
- Nickel-base alloys
- Titanium

**DESIGN SPECIFICATIONS**

According to your demands
- Longitudinal laser-welded
- Welding seam factor \( V = 1.0 \)
- Unannealed with metallic bare surface
- Heat-treated with metallic bare surface
- Tight tube tolerances
- Straight tubes, U-tubes
- Useable for finned tubes

**NORMS**

- EN 10217-7, TC1 – welded steel tubes for pressure purposes
- European Pressure Equipment Directive (97/23/EC)
- AD 2000 leaflet W2 – policy on the construction of pressure vessels
- DIN 28181 – welded tubes for heat exchangers
- ASTM A249/ASME SA249M – welded tubes made of austenitic steel for boilers, superheaters and heat exchangers
- ASTM A312/ASME SA312M – welded tubes made of austenitic steel
- ASTM A789/ASME SA789M – welded tubes made of ferritic/austenitic steel

Other processing standards are available on demand.

**SUPPLY RANGE**

All sorts of customized sizes
- Outer diameter: from 6 to 203.2mm
- Wall thicknesses: possible from 0.1mm
- Lengths: straight tubes up to 30m and U-shaped tubes up to 15m
- Continuous production on coils: up to 3,000m, longer also possible depending on wall thickness

**TEST REPORTS AND CERTIFICATES**

Test certificates are issued according to EN 10204.
- 3.1 Inspection Certificates by an independent inspection representative
- 3.1-AD2000-W2 for pressure vessels subject to monitoring
- 3.2 Inspection by an external certification body

Further test acceptances by customers or external companies are always possible.
The fischer group is certified in accordance with ISO 9001:2008, EN 764-5, section 4.2, as well as AD 2000 data sheet W0. It belongs to the welding companies approved by Germanische Lloyd and bears the IGR seal of the chemical industry as a cooperating partner.

APPLICATIONS

Here fischer tubes convince all along the line:
- Supply lines
- Control lines
- Apparatus and heat exchangers
- Manifolds
- Riser tubes

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