



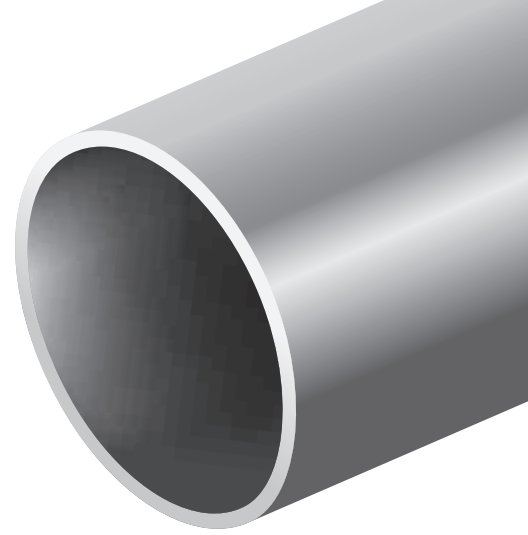
# With an Overview for the Right Connection

The Engineering Competency

**straub**   
  
**the original**

  
**aliaxis**

# STRAUB: The Right Market Expertise



Due to many years of practical experience in various markets and submarkets we have the expertise and the overview to develop detailed solutions and procure the quality required.

We have the knowledge about the specific requirements of individual markets for safety, functionality and reliability for optimum pipe connections. Additionally, we know the relevant statutory provisions and have all internationally required approvals.

Therefore, rely on the proper world-wide pipe connection expertise by STRAUB.



**Swiss engineering competency for reliable high-capacity pipe systems with a focus on the following markets:**

## WATER

Drinking water treatment  
Irrigation

## RENEWABLE ENERGIES

Hydro power plants  
Wastewater energy  
Solar energy

## INDUSTRY

Transportation  
Shipbuilding  
Offshore



# Our Experience Your Guarantee

The name STRAUB stands for maximum engineering competency for everything involved with pipe systems and connections. With an experience of 50 years in the industry and proven practical expertise we offer optimum customer solutions that meet the highest requirements for quality and reliability.

**Our offer: We will accompany you through all phases of the project.**



The starting phase is especially decisive for the success of a project. The basis is a comprehensive on site analysis.

Optimisation starts with a rough planning of the project. In cooperation with you we will develop a basis for a decision on the required solution.

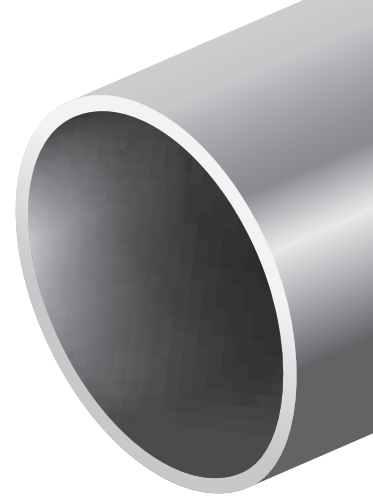
We will take over the detailed planning, budgeting and the whole project management for you.

We support you individually, committed and competent in safe and durable pipe connection solutions. Especially when your requirements demand more than standard solutions, we are the right partner for you.

Based on the original STRAUB coupling technology, which has proven its worth in over 40 million pipe connections, we join pipe materials to create tailor-made customer solutions. In close cooperation with our customers, we develop the right connection that will meet the project-specific requirements specific requirements are fully met.

With highly developed engineering competence, proven experts with specialist knowledge and proverbial Swiss precision work we accompany you through all stages of your project.

Well Thought out  
Solutions  
beyond  
by Default



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As individual as you are – the right pipe system solution with noticeable added value for you.

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SYSTEM PROCUREMENT  
QUALITY ASSURANCE



ASSEMBLY  
COMMISSIONING



SERVICE  
MAINTENANCE



We procure optimally matched components, test them and thus secure the quality of the entire system.

Our assistance with the assembly and comprehensive system introduction on site will save time, prevent mistakes and thus increase economic efficiency.

Even when a project is completed we shall be there for you – with service and support.





# Quality and Engineering Competency

## Real-Life Cases

### **A new winter loop-pipeline for a nuclear power plant** Gösgen, Solothurn (Switzerland)

For renewing the winter ring main in the cooling tower of the Gösgen nuclear power plant, STRAUB took over the entire project and construction management. After the documentation of the damage to the winter ring main, STRAUB has been awarded the contract to carry out the entire project and construction management.

A new support structure eliminated the central deficiencies. This meant that at the same time the thermal expansion of the pipeline, as well as a professional support of the pipes. One pipe support clamp is used as a fixed point whereas the other is designed to act as a slide support. For the connection of the pipes, STRAUB-FLEX pipe-couplings into the insert.

A particular challenge created the installation of the loop-pipeline at a height of about 13 m and the tight space conditions.

### **Rehabilitation of the drinking water pipeline** Key West, Florida (USA)

For the reconstruction of the drinking water pipeline, which runs parallel to US Highway No. 1 across 42 bridges, one thing was especially decisive – the drinking water supply for the 25,000 inhabitants of Key West and the road traffic should not be disrupted for a long period of time.

STRAUB engineers, together with the customer, developed a specifically light-weight, easy to mount coupling and provided logistics as well as assembly and commissioning services on site. Installation of the individual couplings took no longer than 20 minutes. The subsequent application of the corrosion protection was carried out while the pipes were back in operation. In that way up to 8 couplings were installed per day without any heavy equipment or special tools that would have resulted in road closures.





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