

STRAUB Pipe Couplings

straub 
the original

Combined Safety & Responsibility



STRAUB | The Original


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Connected a million times



Competence Teamwork Global Power Innovation Flexibility

Responsibility connects

The name STRAUB stands for the production of first class couplings and pipe-coupling-solutions which are used in various industries throughout the world.

STRAUB is synonymous with expertise, quality and reliability. As an internationally leading manufacturer of pipe couplings, STRAUB invented the "original".

Our unique pipe coupling concept is based on more than 55 years of experience and consistent further development. Comprehensive engineering competency and the proverbial Swiss precision work guarantee maximum quality and absolute reliability of permanent connections.

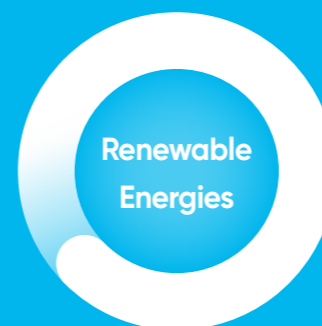
Whether for water management, renewable energy sectors, industry, shipbuilding and offshore: STRAUB, with its top-quality products, client orientated engineering competence and high service and support readiness, stands for sophisticated coupling solutions for pipe systems made from all materials.

Especially for sophisticated and specific challenges that require more than just standard solutions, you will benefit from our experience and various additional services related to the technique of positioning pipes. From consultancy and planning to extensive project support and proper documentation – we will assist you in completing your projects successfully.

The STRAUB main range of application:



gas lines
waste water
drinking water
drainage
pipe line repairs



hydro power plants
waste water energy
solar energy



fire protection
ventilation
cooling
transport
chemical



fire fighting lines
vent
cooling water
ballast
fuel

STRAUB Pipe Couplings



STRAUB-METAL-GRIP

Pull out resistant coupling for all metal pipes to meet the highest standards

Diameter	30.0 - 609.6 mm
Operating pressure	up to 67 bar
Temperature range	-30°C up to +100°C

STRAUB-GRIP

Pull out resistant pipe coupling for all metal pipes

Diameter	21.3 - 711.2 mm
Operating pressure	up to 64 bar
Temperature range	-20°C up to +100°C

STRAUB-FIRE-FENCE

For use wherever fire protection is required by law

Diameter	25.0 - 457.2 mm
Operating pressure	up to 67 bar
Temperature range	-30°C up to +100°C

STRAUB-COMBI-GRIP

Pull out resistant coupling for transitions from plastic to metal piping

Diameter	40.0/38.0 - 355.0/355.6 mm
Operating pressure	up to 16 bar
Temperature range	-20°C up to +100°C

STRAUB-PLAST-GRIP

Pull out resistant pipe coupling for plastic pipes

Diameter	40.0 - 355.0 mm
Operating pressure	up to 16 bar
Temperature range	-20°C up to +100°C

Our Experience



STRAUB-PLAST-PRO

Axial restraint connection of pressure pipes made of polyethylene (PE)

Diameter	63.0 - 355.0 mm
Operating pressure	up to 16 bar
Temperature range	-5°C up to +40°C

STRAUB-FLEX

Axially flexible pipe coupling for pipes of all materials

STRAUB-FLEX1	STRAUB-FLEX2	STRAUB-FLEX3	STRAUB-FLEX3.5	STRAUB-FLEX4
48.3 - 168.3 mm	172.0 - 2032.0 mm	2191 - 2032.0 mm	323.9 - 1219.2 mm	323.9 - 812.8 mm
Width of casing				
75.0 - 107.0 mm	138.0 - 148.0 mm	210.0 - 218.0 mm	310.0 - 311.0 mm	443.0 - 444.0 mm
Operating pressure				
up to 25 bar				
Temperature range				
-20°C up to +100°C				

STRAUB-OPEN-FLEX

Hinged, axially flexible pipe coupling for the repair of pipes of all materials

STRAUB-OPEN-FLEX1	STRAUB-OPEN-FLEX2	STRAUB-OPEN-FLEX3	STRAUB-OPEN-FLEX3.5	STRAUB-OPEN-FLEX4
48.3 - 168.3 mm	172.0 - 2032.0 mm	2191 - 4064.0 mm	323.9 - 4064.0 mm	323.9 - 4064.0 mm
Width of casing				
75.0 - 107.0 mm	138.0 - 148.0 mm	210.0 - 218.0 mm	310.0 - 311.0 mm	443.0 - 444.0 mm
Operating pressure				
up to 25 bar				
Temperature range				
-20°C up to +100°C				

STRAUB-OPEN-FLEX 1 GT

Axially flexible pipe coupling for pipes of all materials with side outlet

Diameter	73.0 - 168.3 mm
Operating pressure	up to 16 bar
Temperature range	-20°C up to +70°C

Your Guarantee



STRAUB-STEP-FLEX

Axially flexible pipe coupling for all pipe materials to compensate different pipe diameters

STRAUB-STEP-FLEX2	STRAUB-STEP-FLEX3
219.1 - 812.8 mm	914.4 - 2032.0 mm
Width of casing	
138.0 - 148.0 mm	210.0 - 218.0 mm
Operating pressure	
up to 25 bar	
Temperature range	
-20°C up to +100°C	

STRAUB-SQUARE-FLEX

Axially flexible pipe coupling for square pipes

Diameter	60.0 80.0 100.0 mm
Operating pressure	up to 4 bar
Temperature range	-20°C up to +100°C

STRAUB-REP-FLEX

Complete repair coupling for damaged water pipes

Diameter	46.0 - 429.0 mm
Operating pressure	up to 16 bar
Temperature range	-20°C up to +100°C

STRAUB-CLAMP

Axially flexible repair clamp for pipes of all materials

STRAUB-CLAMP SCE (one piece)	STRAUB-CLAMP SCZ (two pieces)
44.0 - 320.0 mm	88.0 - 420.0 mm
Operating pressure	
up to 16 bar	
Temperature range	
-5°C up to +40°C	

The temperature ranges indicated are based on the use of EPDM sealing sleeves. EPDM and NBR sealing sleeves are used by default; various coupling sizes also available with FPM/FKM sealing sleeves (temperature range: -20°C to 180°C).

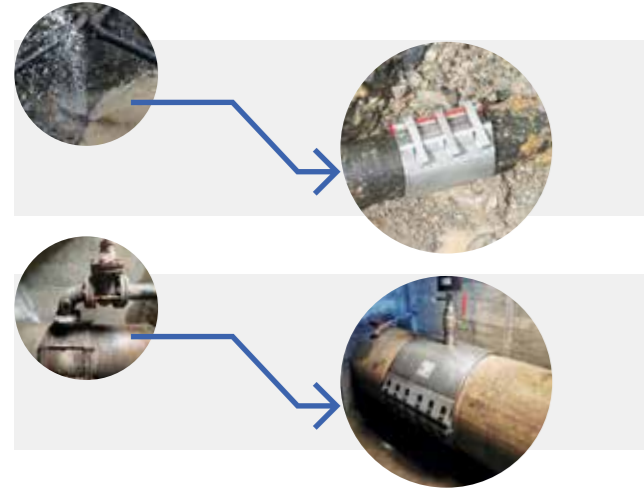
All diameters and designs available plus accessories (strip inserts, stiffening rings, STRAUB-OPEN-FLEX fitting tool, tensioning straps) can be obtained from the technical manual STRAUB.

Construction and design of the STRAUB pipe couplings comply with the directives of DIN 86128-1 and 86128-2.

Our quality products Your benefit

The results of various endurance tests and inspections prove it and our customers' satisfaction around the whole world reflects it every single day:

STRAUB pipe couplings can be trusted!



They offer immense customer benefit, convince through practice-tested safety and consequent cost-effectiveness.

Features and benefits:

- 👍 **System independence:**
Connects the most varied pipe materials
- 👍 **Flexible pipe connection:**
Stress-free, compensates for tolerances
- 👍 **Easy assembly:**
Light, space-saving,
no pipe-end preparation
- 👍 **Safe assembly without risk
of fire or explosion:**
No protective measures required
- 👍 **Damping characteristics:**
Noise, vibration, movement
- 👍 **Economical:**
Cost-saving thanks to short assembly times

Elementary forces reliably under control

The progressive sealing effect

If the pressure in the pipe rises, the contact pressure on the sealing lips also increases due to the flow through the pressure equalisation channel.



The progressive anchoring effect

As the bolts are tightened to the specified torque, the specially shaped teeth in the anchoring ring bite into the surface of the pipe. An axial restraint connection is created.



Our services More than a product

The name STRAUB is synonymous with extensive coupling expertise in repairing and joining pipes

This expertise goes far beyond the development and manufacture of solid quality products. We assume responsibility for everything related to pipes and offer you individual solutions matched to your specific requirements.

In doing so, we will accompany you through all processes of your project: from the first consultancy on site through project planning and engineering to the assembly and regular maintenance work around the whole world.

Due to our long-term practical experience we have expertise and the overview. We develop customised, precise detailed solutions which fully meet the demand of our customers for quality and the requirements of the particular markets.



The installation package

For comprehensive projects we will offer you, at request, our complete installation package as an attractive addition. It includes on-site survey, the coordination and organisation of the assembly and commissioning as well as the official acceptance of your project, taking into account all technical as well as country and industry-specific statutory provisions.



The service package

Customer intimacy – for us this also means long-time customer relationships based on partnership. Upon request, after joint projects have been completed, you will benefit from a comprehensive service package with extended guarantees, annual maintenance and competent consultancy through our service team.

We offer you complete project solutions and additional services with noticeable additional value. We will be happy to inform you personally about our comprehensive services.



**Benefit from our
international connections**

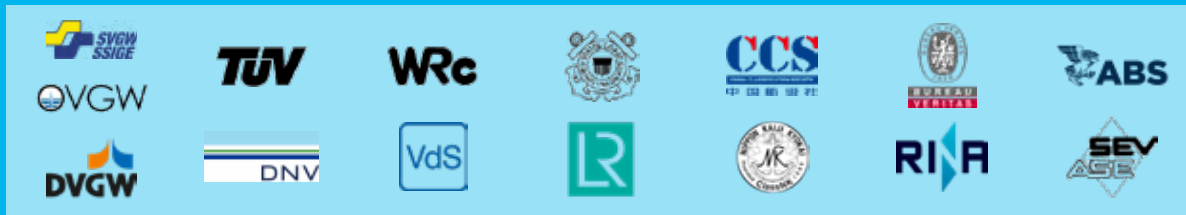
Our partner network – Your advantage

Users all over the world in more than 60 countries place their trust in the universal STRAUB pipe coupling concept and benefit from our engineering competency and project experience. An international partner network and a large number of support bases around the whole world guarantee the shortest possible delivery times and competent consultancy on site.

Wherever you are – you can benefit from our international connections!



STRAUB pipe couplings are approved for virtually all pipeline systems:



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