



straub 

the right connection

COMBINED SAFETY
AND RESPONSIBILITY
STRAUB PIPE COUPLINGS

www.straub.ch

THE RIGHT CONNECTION

STRAUB PIPE COUPLINGS

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 40 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, ship-building 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.



STRAUB SOLUTIONS PROVIDE ADDED VALUE

Based on the well-proven STRAUB coupling technology, which can be found in millions of pipe connections worldwide, we combine pipe materials for optimum solutions for customers – permanent pipe couplings which meet customers' requirements to the full extent and

can be found in a variety of special applications.

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.

WATER

Drinking water treatment
Irrigation



RENEWABLE ENERGIES

Hydro power plants
Wastewater energy
Solar energy



INDUSTRY

Transportation
Shipbuilding
Offshore



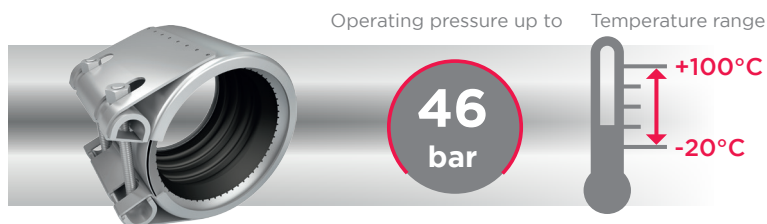
YOU CAN RELY ON OUR PRO



STRAUB-METAL-GRIP

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

Diameter: 30.0 to 609.6mm



STRAUB-GRIP-L

Pull out resistant pipe coupling for all metal pipes

Diameter: 21.3 to 711.2mm



STRAUB-METAL-GRIP-FIRE-FENCE

For use wherever fire protection is required by law

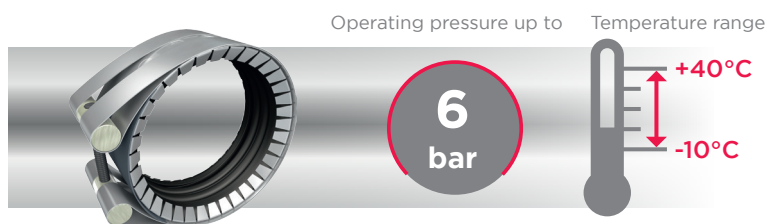
Diameter: 30.0 to 457.2mm



STRAUB-GRIP-L-FIRE-FENCE

For use wherever fire protection is required by law

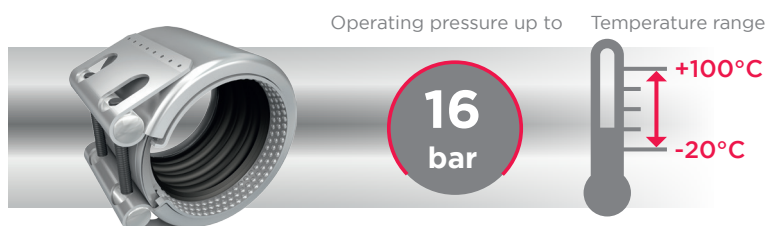
Diameter: 21.3 to 406.4mm



STRAUB-ECO-GRIP

Economical, pull out resistant pipe coupling for use in low pressure and temperature areas with metal pipes, PVC, ABS, CPVC

Diameter: 26.9 to 168.3mm



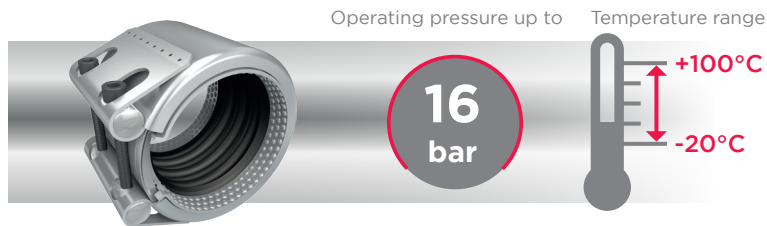
STRAUB-COMBI-GRIP

Pull out resistant pipe coupling for transitions from plastic to metal piping

Diameter: 38.0/40.0mm to 159.0/160.0mm

DUCTS:

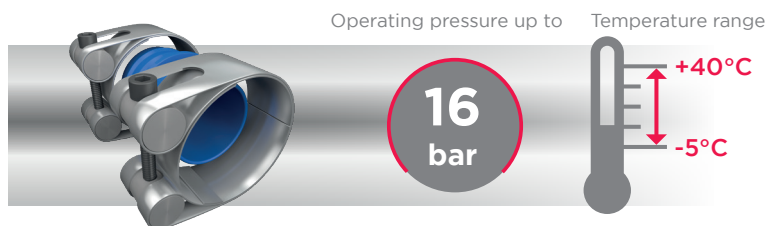
STRAUB PIPE



STRAUB-PLAST-GRIP

Pull out resistant pipe coupling for plastic pipes

Diameter: 40.0 to 160.0mm



STRAUB-PLAST-PRO

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

Diameter: 63.0 to 355.0mm



STRAUB-FLEX

Axially flexible pipe coupling for pipes of all materials

STRAUB-FLEX 1L

Diameter: 48.3 to 168.3mm



STRAUB-FLEX 2

Diameter: 172.0 to 2032.0mm

STRAUB-FLEX 3

Diameter: 219.1 to 4064.0mm

STRAUB-FLEX 3.5

Diameter: 323.9 to 4064.0mm

STRAUB-FLEX 4

Diameter: 323.9 to 4064.0mm



STRAUB-OPEN-FLEX

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

STRAUB-OPEN-FLEX 1L

Diameter: 48.3 to 168.3mm

STRAUB-OPEN-FLEX 2

Diameter: 172.0 to 2032.0mm

STRAUB-OPEN-FLEX 3

Diameter: 219.1 to 4064.0mm

STRAUB-OPEN-FLEX 3.5

Diameter: 323.9 to 4064.0mm



STRAUB-OPEN-FLEX 4

Diameter: 323.9 to 4064.0mm

COUPLINGS



STRAUB-STEP-FLEX

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

STRAUB-STEP-FLEX 2
Diameter: 219.1 to 812.8mm



STRAUB-STEP-FLEX 3
Diameter: 914.4 to 2032.0mm



STRAUB-REP-FLEX

Complete repair coupling for damaged water pipes

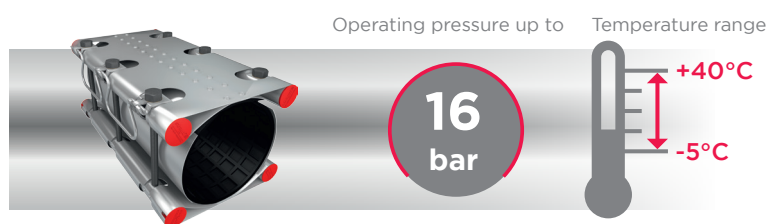
Diameter: 46.0 to 429.0mm



STRAUB-CLAMP ONE-PIECE (SCE)

Axially flexible repair clamp for pipes of all materials

Diameter: 44.0 to 330.0mm



STRAUB-CLAMP TWO-PIECE (SCZ)

Axially flexible repair clamp for pipes of all materials

Diameter: 88.0 to 440.0mm

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.

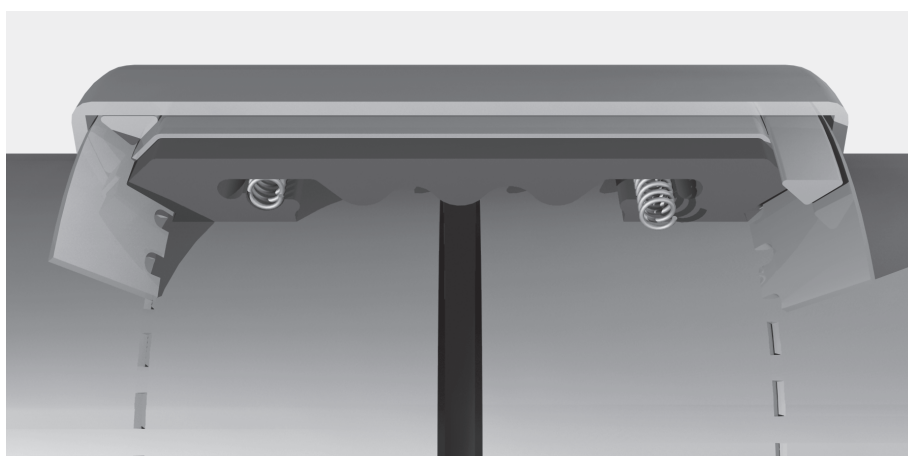
Construction and design of the STRAUB pipe couplings comply with the directives of DIN 86128-1 and 86128-2.



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.



THE PRINCIPLES:

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.

Progressive anchoring effect

If the axial tensile load on the pipe rises due to increased internal pressure or external influence, the teeth continuously penetrate deeper into the surface of the pipe to compensate.

- **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

OUR SERVICES

The name STRAUB is synonymous with extensive coupling expertise in 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.

**STRAUB is
more than
a product!**



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

Durable bonds – 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.

WITH AN OVERVIEW FOR THE RIGHT CONNECTION

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.

Count on the right connection. We will be happy to advise you personally.



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. The Canadian subsidiary, 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. Products are also manufactured under licence in Japan and Brazil.

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

A list of our partners is available on the Internet at www.straub.ch



STRAUB couplings are approved for virtually all pipeline systems

Aliaxis
UTILITIES & INDUSTRY

STRAUB Werke AG
Straubstrasse 13 – 7323 Wangs – Switzerland
Tel +41 81 725 41 00 – Fax +41 81 725 41 01
straub@straub.ch

www.straub.ch

straub 
the right connection

