

## STRAUB-METAL-GRIP

### Tender specification

Tender specification for pipe couplings that provide axial restraint, for pipe systems with plain-ended metal pipes and fittings for pressure or suction lines in the application fields of:

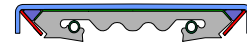
*Water and waste water, gas, compressed air, industrial plants, shipbuilding, seawater systems, offshore, oil and petrochemical industries, fire fighting, mining and maintenance*

Flexible pipe coupling with progressive sealing and anchoring effect, permitting angular deflection (1) and giving an axially restrained (thrust resisting) connection of plain-ended metal pipe and pipe fittings; shall not require special end-preparation of pipe and fittings, and shall eliminate anchor points.

Casing stainless steel DIN 1.4301 (2), internal components stainless steel, lock parts carbon steel with protective coating (3)

Sealing sleeve with sealing lips made of synthetic elastomer (4).

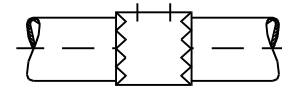
*Product*                      **STRAUB-METAL-GRIP**



Working pressure                      ..... bar  
 Pipe O.D.                                      ..... mm  
 Sealing sleeve                              .....  
 Lock parts                                      .....

*Manufacturer*                      STRAUB WERKE AG  
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**Symbol**



STRAUB-METAL-GRIP

*Supplier*

*(Address of STRAUB distributor)*

#### Remarks

1. Coupling shall be capable of up to 5° angular deflection in any direction, according to size.
2. Pipe OD >219.1 mm: carbon steel hot dip galvanized (70 - 100 microns).
3. Available in stainless steel up to O.D. 219.1 mm.
4. *EPDM* (ethylene-propylene) for all water qualities, waste water, air, solids and chemical products (5).  
     *NBR* (nitrile-butadiene) for lub-oil, crude oil, diesel oil, natural gas and other hydrocarbon fluids (5).
5. Chemical resistance chart shall be available on request.

#### Important

**Strip insert** shall only be required when gap between pipe ends is excessive, in the presence of swelling or under vacuum or external pressure. It shall not be necessary under normal operating conditions.

All major approvals shall be available for all products within the range.