

EASY & ECONOMIC STRAUB-ECO-GRIP

6
bar

The STRAUB-ECO-GRIP complements the STRAUB range where lower pressures are needed.

STRAUB-ECO-GRIP couplings are used where the loads on the pipe system are low, e.g. service and control lines in the industrial area or applications in plant engineering or process technology.

Due to the small casing width and the one-screw closure, the STRAUB-ECO-GRIP only needs very little space.

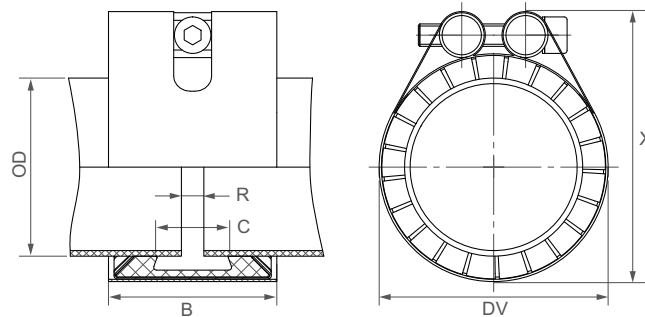
The ready to use coupling provides maximum flexibility - on metal and also plastic pipes (PVC, ABS, CPVC).



- Outside diameter: 26.9 up to 168.3 mm
- Temperature: -10°C up to +40°C
- Sealing sleeve: EPDM, NBR



| Components / Materials | W1 | W2 | W4 | W5 |
|----------------------------|--------------------------------------------------------------------------------|----|-----------------------|----|
| Casing | | | AISI 301 | |
| Bolts | | | A4 - 80 | |
| Bars | | | AISI 316 L or similar | |
| Anchoring rings | | | AISI 301 | |
| Strip insert (option) | | | AISI 316 L or similar | |
| Sealing sleeve EPDM | Temp.: -10°C up to +40°C | | | |
| | Medium: all qualities of water, waste water, air, solids and chemical products | | | |
| Sealing sleeve NBR | Temp.: -10°C up to +40°C | | | |
| | Medium: water, gas, oil, fuel and other hydrocarbons | | | |



| OD [mm] | Clamping range [mm] | PN [bar] | B [mm] | C [mm] | DV [mm] | X [mm] | R without strip insert [mm] | R with strip insert [mm] | Torque rate [Nm] | Allen head [mm] | Thread M... |
|---------|---------------------|----------|--------|--------|---------|--------|-----------------------------|--------------------------|------------------|-----------------|-------------|
| 26.9 | 26.4 - 27.4 | 6 | 45 | 18 | 41 | 54 | 5 | 10 | 10 | 6 | 8 |
| 30.0 | 29.5 - 30.5 | 6 | 45 | 18 | 45 | 58 | 5 | 10 | 10 | 6 | 8 |
| 33.7 | 33.2 - 34.2 | 6 | 45 | 18 | 48 | 61 | 5 | 10 | 10 | 6 | 8 |
| 38.0 | 37.5 - 38.5 | 6 | 45 | 18 | 52 | 65 | 5 | 10 | 10 | 6 | 8 |
| 42.4 | 41.9 - 42.9 | 6 | 45 | 18 | 56 | 69 | 5 | 10 | 12 | 6 | 8 |
| 44.5 | 44.0 - 45.0 | 6 | 45 | 18 | 59 | 72 | 5 | 10 | 12 | 6 | 8 |
| 48.3 | 47.8 - 48.8 | 6 | 45 | 18 | 62 | 75 | 5 | 10 | 15 | 6 | 8 |
| 57.0 | 56.4 - 57.6 | 6 | 60 | 26 | 71 | 84 | 5 | 10 | 15 | 6 | 8 |
| 58.0 | 57.5 - 58.5 | 6 | 60 | 26 | 73 | 86 | 5 | 10 | 15 | 6 | 8 |
| 60.3 | 59.7 - 60.9 | 6 | 60 | 26 | 76 | 89 | 5 | 10 | 15 | 6 | 8 |
| 63.0 | 62.2 - 63.8 | 6 | 60 | 26 | 86 | 99 | 5 | 10 | 15 | 6 | 8 |
| 76.1 | 75.3 - 76.9 | 6 | 60 | 26 | 92 | 105 | 5 | 10 | 18 | 6 | 8 |
| 78.0 | 77.1 - 78.8 | 6 | 60 | 26 | 95 | 108 | 5 | 10 | 18 | 6 | 8 |
| 83.0 | 82.1 - 83.8 | 6 | 60 | 26 | 101 | 114 | 5 | 10 | 18 | 6 | 8 |
| 88.9 | 88.0 - 89.8 | 6 | 60 | 26 | 108 | 121 | 5 | 10 | 18 | 6 | 8 |
| 104.0 | 103.0 - 105.0 | 6 | 60 | 26 | 120 | 133 | 5 | 10 | 18 | 6 | 8 |
| 108.0 | 106.9 - 109.1 | 6 | 60 | 26 | 124 | 137 | 5 | 10 | 18 | 6 | 8 |
| 110.0 | 108.9 - 111.1 | 6 | 60 | 26 | 126 | 139 | 5 | 10 | 18 | 6 | 8 |
| 114.3 | 113.2 - 115.4 | 6 | 60 | 26 | 130 | 143 | 5 | 10 | 18 | 6 | 8 |
| 129.0 | 128.0 - 130.0 | 6 | 62 | 26 | 145 | 162 | 5 | 10 | 30 | 6 | 8 |
| 133.0 | 131.7 - 134.3 | 6 | 62 | 26 | 149 | 166 | 5 | 10 | 30 | 8 | 10 |
| 135.0 | 133.7 - 136.3 | 6 | 62 | 26 | 152 | 169 | 5 | 10 | 30 | 8 | 10 |
| 139.7 | 138.3 - 141.1 | 6 | 62 | 26 | 156 | 173 | 5 | 10 | 30 | 8 | 10 |
| 159.0 | 157.4 - 160.6 | 6 | 62 | 26 | 177 | 194 | 5 | 10 | 35 | 8 | 10 |
| 160.0 | 158.4 - 161.6 | 6 | 62 | 26 | 179 | 196 | 5 | 10 | 35 | 8 | 10 |
| 168.3 | 166.6 - 170.0 | 6 | 62 | 26 | 185 | 202 | 5 | 10 | 35 | 8 | 10 |

INTERMEDIATE SIZES ON REQUEST
REFER TO MINIMUM WALL THICKNESS (see page 105)

Remarks:

- Follow fitting instructions
- PN = working pressure considering the application loads
 Test pressure = PN x 1.5 (for example industry, water supply etc.)
- The pressure values are valid on radial rigid carbon steel pipes under static loads
- Strip inserts are optional accessories (see page 87)
- Additional dimensions, sealing sleeves and temperature ranges on request