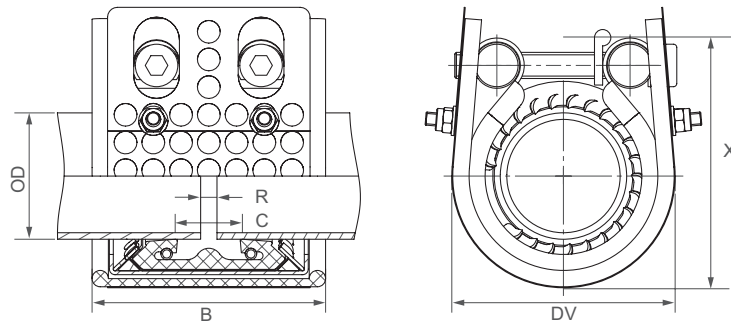


STRAUB-METAL-GRIP-FIRE-FENCE | \varnothing 30.0 - 219.1 mm




| Components / Materials | W1 | W2 | W4 | W5 |
|----------------------------|---|------------------------------|----|------------------------------|
| Casing | | AISI 316 L | | AISI 316 L or similar |
| Bolts | | AISI 4135 | | A4 - 80 |
| Bars | | AISI 12L14, galvanised | | AISI 316 L or similar |
| Anchoring rings | | AISI 301 | | AISI 301 |
| Strip insert (option) | | AISI 316 L or similar / PVDF | | AISI 316 L or similar / PVDF |
| Sealing sleeve EPDM | Temp.: -30°C up to +100°C Medium: all qualities of water, waste water, air, solids and chemical products | | | |
| Sealing sleeve NBR | Temp.: -20°C up to +80°C Medium: water, gas, oil, fuel and other hydrocarbons | | | |



| OD [mm] | Clamping range [mm] | PN [bar] | 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... |
|---------|---------------------|----------|----------|--------|--------|---------|--------|-----------------------------|--------------------------|------------------|-----------------|-------------|
| 30.0 | 29.5 - 30.5 | 67 | 16 | 46/67 | 18 | 57 | 61 | 5 | 5 | 10 | 6 | 8 |
| 33.7 | 33.2 - 34.2 | 62 | 16 | 46/67 | 18 | 62 | 68 | 5 | 5 | 10 | 6 | 8 |
| 38.0 | 37.5 - 38.5 | 58 | 16 | 71 | 19 | 68 | 78 | 5 | 5 - 10 | 15 | 6 | 8 |
| 42.4 | 41.9 - 42.9 | 53 | 16 | 71 | 20 | 72 | 81 | 5 | 5 - 10 | 15 | 6 | 8 |
| 44.5 | 44.0 - 45.0 | 48 | 16 | 71 | 20 | 74 | 85 | 5 | 5 - 10 | 15 | 6 | 8 |
| 48.3 | 47.8 - 48.8 | 44 | 16 | 71 | 20 | 78 | 88 | 5 | 5 - 10 | 15 | 6 | 8 |
| 54.0 | 53.5 - 54.5 | 39 | 16 | 87 | 38 | 84 | 94 | 5 | 5 - 15 | 15 | 6 | 8 |
| 57.0 | 56.4 - 57.6 | 37 | 16 | 87 | 32 | 87 | 97 | 5 - 10 | 5 - 25 | 15 | 6 | 8 |
| 60.3 | 59.7 - 60.9 | 37 | 16 | 87 | 32 | 87 | 100 | 5 - 10 | 5 - 25 | 15 | 6 | 8 |
| 63.5 | 62.9 - 64.1 | 37 | 16 | 87 | 32 | 94 | 103 | 5 - 10 | 5 - 25 | 15 | 6 | 8 |
| 76.1 | 75.3 - 76.9 | 56 | 16 | 110 | 39 | 110 | 122 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 84.0 | 83.2 - 84.8 | 45 | 16 | 110 | 39 | 122 | 128 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 88.9 | 88.0 - 89.8 | 41 | 16 | 110 | 39 | 127 | 128 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 104.0 | 103.0 - 105.0 | 37 | 16 | 110 | 39 | 143 | 156 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 108.0 | 106.9 - 109.1 | 35 | 16 | 110 | 39 | 143 | 156 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 114.3 | 113.2 - 115.4 | 34 | 16 | 110 | 39 | 149 | 162 | 5 - 10 | 5 - 25 | 35 | 8 | 10 |
| 129.0 | 127.7 - 130.3 | 33 | 16 | 124 | 43 | 170 | 187 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 133.0 | 131.7 - 134.3 | 33 | 16 | 125 | 43 | 170 | 187 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 139.7 | 138.3 - 141.1 | 32 | 16 | 125 | 43 | 178 | 196 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 154.0 | 152.5 - 155.5 | 32 | 16 | 125 | 51 | 196 | 215 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 159.0 | 157.4 - 160.6 | 31 | 16 | 125 | 43 | 197 | 215 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 168.3 | 166.6 - 170.0 | 29 | 16 | 125 | 43 | 210 | 225 | 5 - 15 | 5 - 25 | 60 | 10 | 12 |
| 219.1 | 216.9 - 221.3 | 26 | 16 | 166 | 60 | 269 | 293 | 5 - 15 | 5 - 35 | 100 | 14 | 16 |

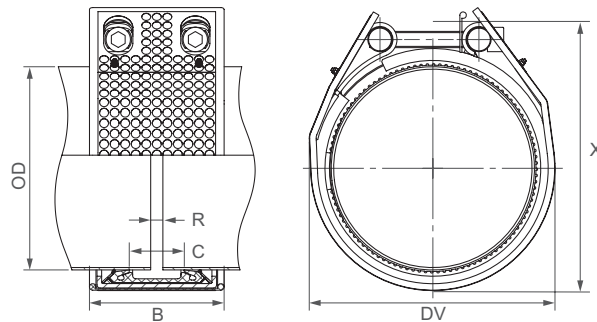
REFER TO MINIMUM WALL THICKNESS (see Technical Manual STRAUB)

Remarks:

- Follow fitting instructions
- PN () = working pressure considering the application loads
Test pressure = PN () x 1.5 (for example industry, water supply etc.)
PN () = nominal pressure, includes four times safety factor (e.g. shipbuilding)
- The pressure values are valid on radial rigid carbon steel pipes under static loads
- Additional sealing sleeves and temperature ranges on request

STRAUB-METAL-GRIP-FIRE-FENCE | \varnothing 244.5 - 457.2 mm

| Components / Materials | W1 | W2 | W4 | W5 |
|----------------------------|---|----|----|----|
| Casing | AISI A738, hot-dip galvanised | | | |
| Bolts | AISI 4135 | | | |
| Bars | AISI 12L14, galvanised | | | |
| Anchoring rings | AISI 301 | | | |
| Strip insert (option) | AISI 316 L or similar / PVDF | | | |
| Sealing sleeve EPDM | Temp.: -20°C up to +100°C Medium: all qualities of water, waste water, air, solids and chemical products | | | |
| Sealing sleeve NBR | Temp.: -20°C up to +80°C Medium: water, gas, oil, fuel and other hydrocarbons | | | |



| OD [mm] | Clamping range [mm] | PN [bar] | 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... |
|---------|---------------------|----------|----------|--------|--------|---------|--------|-----------------------------|--------------------------|------------------|-----------------|-------------|
| 244.5 | 242.0 - 247.0 | 27 | 14 | 164 | 67 | 300 | 335 | 5 - 15 | 5 - 35 | 180 | 17 | 20 |
| 267.0 | 264.5 - 269.5 | 24 | 12 | 164 | 67 | 322 | 357 | 5 - 15 | 5 - 35 | 180 | 17 | 20 |
| 273.0 | 270.5 - 275.5 | 21 | 12 | 164 | 67 | 328 | 364 | 5 - 15 | 5 - 35 | 180 | 17 | 20 |
| 323.9 | 320.5 - 327.0 | 18 | 10 | 164 | 67 | 379 | 416 | 5 - 15 | 5 - 35 | 230 | 17 | 20 |
| 355.6 | 352.0 - 359.0 | 17 | 8 | 164 | 67 | 411 | 449 | 5 - 15 | 5 - 35 | 230 | 17 | 20 |
| 406.4 | 402.5 - 410.5 | 14 | 8 | 164 | 67 | 461 | 499 | 5 - 15 | 5 - 35 | 230 | 17 | 20 |
| 457.2 | 452.5 - 462.0 | 8 | 6 | 164 | 67 | 512 | 551 | 5 - 15 | 5 - 35 | 250 | 17 | 20 |

REFER TO MINIMUM WALL THICKNESS (see Technical Manual STRAUB)

Remarks:

- Follow fitting instructions
- PN (🏭) = working pressure considering the application loads
Test pressure = PN (🏭) x 1.5 (for example industry, water supply etc.)
PN (🚢) = nominal pressure, includes four times safety factor (e.g. shipbuilding)
- The pressure values are valid on radial rigid carbon steel pipes under static loads
- Strip inserts are optional accessories (see Technical Manual STRAUB)
- Additional sealing sleeves and temperature ranges on request