



## AVK SINGLE BAND REPAIR CLAMP, TYPE FS10

729/01

Support Plate/Handgrip "Lock", AISI 304, EPDM rubber

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AVK repair clamps ensure a cost effective and reliable solution for quick repairs on steel, copper, asbestos cement, cast iron and plastic pipes. A pipe with a hole, crack or full fracture will be repaired permanently. The stainless steel repair clamps are passivated in order to ensure an optimum corrosion resistance. The repair clamps are provided with a waffle structured rubber gasket and rounded tops to create a fully circumferential seal.

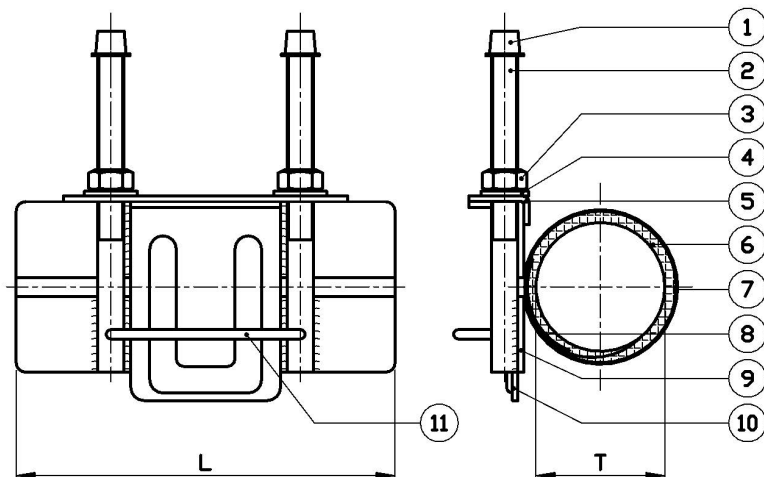
### Product Description:

FS10 for water and wastewater: -15° C to +70° C.

### Features:

- Clamp made out of a pre-rolled plate of stainless steel AISI 304.
- Design with welded AISI 304 studs and support plates.
- Clamp equipped with hand grip in order to simplify installation.
- Clamp is completely pickled and passivated after welding.
- Studs are Teflon coated to prevent cold welding (galling).
- Stainless steel nuts made out of A4 quality.
- Gasket of EPDM rubber with waffle structure and rounded tops.
- Diameter reach of single band repair clamp is max. 12 mm (depends on diameter pipe).
- Clamps available in different diameters: DN 40 up to DN 350.
- Clamps available in different lengths: 150, 200, 250, 300, 400, 500 and 600 mm (other lengths on request).
- Indication pressure class for (waste)water: 16 bar for DN 40 up to DN 150, 10 bar for DN 175 up to DN 300 and 6 bar for DN 350.
- Studs protected with plastic protection caps.




**Component List:**

|                   |                    |                   |                        |
|-------------------|--------------------|-------------------|------------------------|
| 1. Protection cap | Plastic            | 2. Stud           | AISI 304 Teflon coated |
| 3. Nut            | Stainless steel A4 | 4. Washer         | Stainless steel A4     |
| 5. Bridge         | AISI 304           | 6. Rubber sealing | EPDM                   |
| 7. Body plate     | AISI 304           | 8. Spanner plate  | AISI 304               |
| 9. Side plate     | AISI 304           | 10. Support plate | AISI 304               |
| 11. Hand grip     | AISI 304           |                   |                        |

Components may be substituted with equivalent or higher class materials without prior notification.

**Reference Nos. and Dimensions:**

| AVK ref. nos   | T<br>mm | L12<br>mm | Theoretic.<br>weight<br>kg |
|----------------|---------|-----------|----------------------------|
| 729-0-052-1242 | 48 - 52 | 200       | 1.8                        |
| 729-0-058-1242 | 54 - 58 | 200       | 1.8                        |
| 729-0-067-1242 | 60 - 67 | 200       | 1.9                        |
| 729-0-067-1442 | 60 - 67 | 300       | 2.8                        |
| 729-0-074-1242 | 67 - 74 | 200       | 1.9                        |
| 729-0-077-1242 | 70 - 77 | 200       | 1.9                        |
| 729-0-080-1242 | 73 - 80 | 200       | 2.0                        |
| 729-0-083-1242 | 76 - 83 | 200       | 2.0                        |
| 729-0-083-1442 | 76 - 83 | 300       | 3.2                        |
| 729-0-083-1542 | 76 - 83 | 400       | 3.7                        |
| 729-0-089-1242 | 82 - 89 | 200       | 2.5                        |
| 729-0-089-1442 | 82 - 89 | 300       | 3.2                        |
| 729-0-089-1542 | 82 - 89 | 400       | 3.8                        |
| 729-0-094-1242 | 87 - 94 | 200       | 2.3                        |
| 729-0-094-1442 | 87 - 94 | 300       | 3.3                        |
| 729-0-094-1542 | 87 - 94 | 400       | 3.9                        |

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| AVK ref. nos   | T<br>mm   | L12<br>mm | Theoretic.<br>weight<br>kg |
|----------------|-----------|-----------|----------------------------|
| 729-0-098-1242 | 91 - 98   | 200       | 2.1                        |
| 729-0-098-1442 | 91 - 98   | 300       | 3.5                        |
| 729-0-102-1242 | 95 - 102  | 200       | 2.2                        |
| 729-0-102-1442 | 95 - 102  | 300       | 3.7                        |
| 729-0-102-1542 | 95 - 102  | 400       | 4.1                        |
| 729-0-108-1242 | 98 - 108  | 200       | 2.1                        |
| 729-0-108-1442 | 98 - 108  | 300       | 3.4                        |
| 729-0-112-1242 | 102 - 112 | 200       | 2.1                        |
| 729-0-116-1242 | 106 - 116 | 200       | 2.3                        |
| 729-0-116-1442 | 106 - 116 | 300       | 3.5                        |
| 729-0-116-1542 | 106 - 116 | 400       | 4.3                        |
| 729-0-118-1242 | 108 - 118 | 200       | 2.3                        |
| 729-0-118-1642 | 108 - 118 | 500       | 6.0                        |
| 729-0-123-1242 | 113 - 123 | 200       | 2.4                        |
| 729-0-123-1542 | 113 - 123 | 400       | 4.5                        |
| 729-0-128-1242 | 118 - 128 | 200       | 2.4                        |
| 729-0-128-1442 | 118 - 128 | 300       | 3.7                        |
| 729-0-128-1642 | 118 - 128 | 500       | 4.8                        |
| 729-0-131-1242 | 120 - 131 | 200       | 2.5                        |
| 729-0-131-1442 | 120 - 131 | 300       | 3.7                        |
| 729-0-135-1242 | 125 - 135 | 200       | 2.5                        |
| 729-0-135-1442 | 125 - 135 | 300       | 3.8                        |
| 729-0-142-1242 | 132 - 142 | 200       | 2.3                        |
| 729-0-142-1442 | 132 - 142 | 300       | 3.8                        |
| 729-0-145-1242 | 135 - 145 | 200       | 2.4                        |
| 729-0-145-1442 | 135 - 145 | 300       | 3.9                        |
| 729-0-155-1242 | 145 - 155 | 200       | 2.6                        |
| 729-0-155-1442 | 145 - 155 | 300       | 4.0                        |
| 729-0-161-1242 | 151 - 161 | 200       | 2.7                        |
| 729-0-161-1442 | 151 - 161 | 300       | 4.1                        |
| 729-0-170-1242 | 159 - 170 | 200       | 2.7                        |
| 729-0-170-1442 | 159 - 170 | 300       | 4.1                        |
| 729-0-175-1242 | 165 - 175 | 200       | 2.9                        |
| 729-0-175-1442 | 165 - 175 | 300       | 4.2                        |
| 729-0-177-1242 | 167 - 177 | 200       | 2.8                        |
| 729-0-177-1442 | 167 - 177 | 300       | 4.2                        |
| 729-0-180-1242 | 170 - 180 | 200       | 2.9                        |
| 729-0-180-1442 | 170 - 180 | 300       | 4.2                        |
| 729-0-184-1242 | 174 - 184 | 200       | 2.9                        |
| 729-0-184-1442 | 174 - 184 | 300       | 4.3                        |
| 729-0-186-1242 | 176 - 186 | 200       | 3.0                        |
| 729-0-186-1442 | 176 - 186 | 300       | 4.3                        |
| 729-0-191-1242 | 180 - 191 | 200       | 3.0                        |
| 729-0-191-1442 | 180 - 191 | 300       | 4.3                        |
| 729-0-196-1242 | 186 - 196 | 200       | 3.3                        |
| 729-0-196-1442 | 186 - 196 | 300       | 4.4                        |
| 729-0-203-1242 | 193 - 203 | 200       | 3.2                        |
| 729-0-203-1442 | 193 - 203 | 300       | 4.4                        |
| 729-0-220-1242 | 209 - 220 | 200       | 3.2                        |
| 729-0-229-1242 | 219 - 229 | 200       | 3.3                        |
| 729-0-229-1442 | 219 - 229 | 300       | 4.7                        |
| 729-0-229-1642 | 219 - 229 | 500       | 0.0                        |
| 729-0-233-1442 | 222 - 233 | 300       | 4.8                        |
| 729-0-254-1242 | 243 - 254 | 200       | 3.8                        |
| 729-0-254-1442 | 243 - 254 | 300       | 5.0                        |
| 729-0-254-1542 | 243 - 254 | 400       | 6.9                        |
| 729-0-271-1442 | 261 - 271 | 300       | 5.6                        |
| 729-0-276-1242 | 266 - 276 | 200       | 3.8                        |
| 729-0-276-1442 | 266 - 276 | 300       | 5.6                        |
| 729-0-280-1242 | 270 - 280 | 200       | 4.2                        |
| 729-0-280-1442 | 270 - 280 | 300       | 5.6                        |
| 729-0-320-1242 | 310 - 320 | 200       | 4.5                        |
| 729-0-320-1442 | 310 - 320 | 300       | 6.4                        |

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