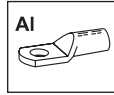


**■ Reduction compression joints, Al  
25 - 400 mm<sup>2</sup>**



- Leak-proof
- For non-tension connections of medium-voltage aluminium cables 10-30 kV
- leakproof against oil

**Characteristics**

- With bevelled edges for simple field control processing
- Tube dimension to DIN 46267, part 2
- With markings for correct crimping

**Material**

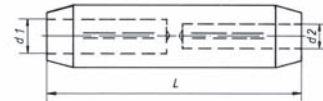
- E-Al

**Surface**

- bright

**Order info**

- The cross-sections refer to rm/sm conductors
- sm/se-conductor needs to be pre-rounded
- rm = round stranded
- sm = sector stranded
- se = sector solid

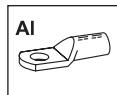


| Cross section mm <sup>2</sup> |     | Part No. | Code | Dimensions mm |      |     | Number of crimps |       | Weight/100 pcs. ~ kg | pcs. |
|-------------------------------|-----|----------|------|---------------|------|-----|------------------|-------|----------------------|------|
| from                          | to  |          |      | d1            | d2   | l   | mech.            | hydr. |                      |      |
| 35                            | 25  | 425R25   | 14   | 8.0           | 6.8  | 95  | 4/4              | 2/2   | 2.800                | 5    |
| 50                            | 25  | 426R25   | 16   | 9.8           | 6.8  | 95  | 4/4              | 2/2   | 3.630                | 5    |
| 50                            | 35  | 426R35   | 16   | 9.8           | 8.0  | 95  | 4/4              | 2/2   | 3.450                | 5    |
| 70                            | 25  | 427R25   | 18   | 11.2          | 6.8  | 100 | 4/4              | 2/2   | 4.975                | 5    |
| 70                            | 35  | 427R35   | 18   | 11.2          | 8.0  | 100 | 4/4              | 2/2   | 4.790                | 5    |
| 70                            | 50  | 427R50   | 18   | 11.2          | 9.8  | 100 | 4/4              | 2/2   | 4.420                | 5    |
| 95                            | 25  | 428R25   | 22   | 13.2          | 6.8  | 105 | 4/4              | 2/2   | 8.200                | 5    |
| 95                            | 35  | 428R35   | 22   | 13.2          | 8.0  | 105 | 4/4              | 2/2   | 8.000                | 5    |
| 95                            | 50  | 428R50   | 22   | 13.2          | 9.8  | 105 | 4/4              | 2/2   | 7.600                | 5    |
| 95                            | 70  | 428R70   | 22   | 13.2          | 11.2 | 105 | 4/4              | 2/2   | 7.350                | 5    |
| 120                           | 25  | 429R25   | 22   | 14.7          | 6.8  | 110 | 4/4              | 2/2   | 8.000                | 5    |
| 120                           | 35  | 429R35   | 22   | 14.7          | 8.0  | 110 | 4/4              | 2/2   | 7.800                | 5    |
| 120                           | 50  | 429R50   | 22   | 14.7          | 9.8  | 110 | 4/4              | 2/2   | 7.380                | 5    |
| 120                           | 70  | 429R70   | 22   | 14.7          | 11.2 | 110 | 4/4              | 2/2   | 7.100                | 5    |
| 120                           | 95  | 429R95   | 22   | 14.7          | 13.2 | 110 | 4/4              | 2/2   | 6.550                | 5    |
| 150                           | 25  | 430R25   | 25   | 16.3          | 6.8  | 110 | 4/4              | 2/2   | 10.700               | 5    |
| 150                           | 35  | 430R35   | 25   | 16.3          | 8.0  | 110 | 4/4              | 2/2   | 10.500               | 5    |
| 150                           | 50  | 430R50   | 25   | 16.3          | 9.8  | 110 | 4/4              | 2/2   | 10.100               | 5    |
| 150                           | 70  | 430R70   | 25   | 16.3          | 11.2 | 110 | 4/4              | 2/2   | 9.800                | 5    |
| 150                           | 95  | 430R95   | 25   | 16.3          | 13.2 | 110 | 4/4              | 2/2   | 9.500                | 5    |
| 150                           | 120 | 430R120  | 25   | 16.3          | 14.7 | 110 | 4/4              | 2/2   | 8.650                | 5    |
| 185                           | 25  | 431R25   | 28   | 18.3          | 6.8  | 130 | --               | 2/2   | 16.120               | 5    |
| 185                           | 35  | 431R35   | 28   | 18.3          | 8.0  | 130 | --               | 2/2   | 15.875               | 5    |
| 185                           | 50  | 431R50   | 28   | 18.3          | 9.8  | 130 | --               | 2/2   | 15.400               | 5    |
| 185                           | 70  | 431R70   | 28   | 18.3          | 11.2 | 130 | --               | 2/2   | 15.050               | 5    |
| 185                           | 95  | 431R95   | 28   | 18.3          | 13.2 | 130 | --               | 2/2   | 14.400               | 5    |
| 185                           | 120 | 431R120  | 28   | 18.3          | 14.7 | 130 | 5/5              | 2/2   | 13.700               | 5    |
| 185                           | 150 | 431R150  | 28   | 18.3          | 16.3 | 130 | 5/5              | 2/2   | 13.050               | 5    |

■ Reduction compression joints, Al  
25 - 400 mm<sup>2</sup>

| Cross section mm <sup>2</sup> |     | Part No.       | Code | Dimensions mm |      |     | Number of crimps |       | Weight/ 100 pcs. ~ kg | pcs. |
|-------------------------------|-----|----------------|------|---------------|------|-----|------------------|-------|-----------------------|------|
| from                          | to  |                |      | d1            | d2   | l   | mech.            | hydr. |                       |      |
| 240                           | 25  | <b>432R25</b>  | 32   | 21.0          | 6.8  | 130 | --               | 2/2   | 21.200                | 5    |
| 240                           | 35  | <b>432R35</b>  | 32   | 21.0          | 8.0  | 130 | --               | 2/2   | 20.950                | 5    |
| 240                           | 50  | <b>432R50</b>  | 32   | 21.0          | 9.8  | 130 | --               | 2/2   | 20.470                | 5    |
| 240                           | 70  | <b>432R70</b>  | 32   | 21.0          | 11.2 | 130 | --               | 2/2   | 20.120                | 5    |
| 240                           | 95  | <b>432R95</b>  | 32   | 21.0          | 13.2 | 130 | --               | 2/2   | 19.460                | 5    |
| 240                           | 120 | <b>432R120</b> | 32   | 21.0          | 14.7 | 130 | --               | 2/2   | 18.800                | 5    |
| 240                           | 150 | <b>432R150</b> | 32   | 21.0          | 16.3 | 130 | 5/5              | 2/2   | 18.125                | 5    |
| 240                           | 185 | <b>432R185</b> | 32   | 21.0          | 18.3 | 130 | 5/5              | 2/2   | 17.275                | 5    |
| 300                           | 150 | <b>433R150</b> | 34   | 23.3          | 16.3 | 135 | 5/5              | 2/2   | 21.100                | 1    |
| 300                           | 185 | <b>433R185</b> | 34   | 23.3          | 18.3 | 135 | 5/5              | 2/2   | 20.120                | 1    |
| 300                           | 240 | <b>433R240</b> | 34   | 23.3          | 21.0 | 135 | 5/5              | 2/2   | 18.730                | 1    |
| 400                           | 185 | <b>434R185</b> | 38   | 26.0          | 18.3 | 165 | --               | 3/3   | 34.700                | 1    |
| 400                           | 240 | <b>434R240</b> | 38   | 26.0          | 21.0 | 165 | --               | 3/3   | 32.900                | 1    |
| 400                           | 300 | <b>434R300</b> | 38   | 26.0          | 23.3 | 165 | --               | 3/3   | 31.200                | 1    |

▶ Tool: see chart page 111



■ Reduction compression joints, Al 16-240 mm<sup>2</sup>

■ For connecting different cross-sections



Characteristics

- For non-tension connections of aluminium conductors to DIN EN 50182
- For pre-rounded sector shaped conductors
- With markings for correct crimping

Material

- E-Al

Surface

- bright

Order info

- The cross-sections refer to rm/sm conductors
- sm/se-conductor needs to be pre-rounded!
- rm = round stranded
- sm = sector stranded
- se = sector solid



| Cross section mm <sup>2</sup> |    | Part No.      | Code | Dimensions mm |      |     | Number of crimps |       | Weight/ 100 pcs. ~ kg | pcs. |
|-------------------------------|----|---------------|------|---------------|------|-----|------------------|-------|-----------------------|------|
| from                          | to |               |      | d1            | d2   | l   | mech.            | hydr. |                       |      |
| 25                            | 16 | <b>284R16</b> | 12   | 7.0           | 5.8  | 75  | 4/4              | 2/2   | 1.53                  | 10   |
| 35                            | 25 | <b>285R25</b> | 14   | 8.2           | 6.8  | 90  | 5/5              | 2/2   | 2.50                  | 10   |
| 50                            | 25 | <b>286R25</b> | 16   | 10.0          | 6.8  | 90  | 5/5              | 2/2   | 3.24                  | 10   |
| 50                            | 35 | <b>286R35</b> | 16   | 10.0          | 8.0  | 90  | 5/5              | 2/2   | 3.09                  | 10   |
| 70                            | 25 | <b>287R25</b> | 18   | 11.5          | 6.8  | 110 | 6/6              | 3/3   | 5.50                  | 10   |
| 70                            | 35 | <b>287R35</b> | 18   | 11.5          | 8.0  | 110 | 6/6              | 3/3   | 5.35                  | 10   |
| 70                            | 50 | <b>287R50</b> | 18   | 11.5          | 9.8  | 110 | 6/6              | 3/3   | 4.96                  | 10   |
| 95                            | 25 | <b>288R25</b> | 22   | 13.5          | 6.8  | 110 | 6/6              | 3/3   | 9.10                  | 10   |
| 95                            | 35 | <b>288R35</b> | 22   | 13.5          | 8.0  | 110 | 6/6              | 3/3   | 8.90                  | 10   |
| 95                            | 50 | <b>288R50</b> | 22   | 13.5          | 9.8  | 110 | 6/6              | 3/3   | 8.51                  | 10   |
| 95                            | 70 | <b>288R70</b> | 22   | 13.5          | 11.2 | 110 | 6/6              | 3/3   | 8.15                  | 10   |