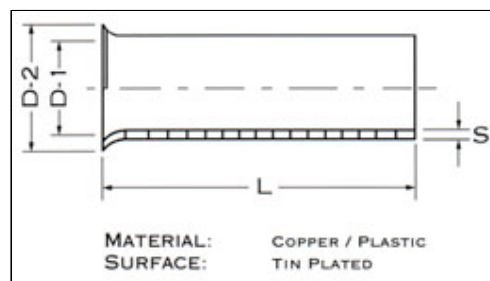




# AMERICAN ELECTRICAL, INC.

## INDUSTRIAL ELECTRICAL ACCESSORIES

### Non-Insulated Wire Ferrules DIN 46228 Part 1



|                      |           |             |                | Dimensions (mm) |     |     |      | Recommended Crimping Tools |
|----------------------|-----------|-------------|----------------|-----------------|-----|-----|------|----------------------------|
| Size mm <sup>2</sup> | AWG       | Part Number | Pieces per bag | L               | D-1 | D-2 | S    |                            |
| 0.25                 | <b>24</b> | 12510025    | 1000           | 5               | 0.8 | 1.7 | 0.15 | SQ28-10 or<br>TRAP24-10    |
|                      |           | 12710025    | 1000           | 7               | 0.8 | 1.7 | 0.15 |                            |
| 0.34                 | <b>22</b> | 12510034    | 1000           | 5               | 0.9 | 1.8 | 0.15 |                            |
|                      |           | 12710034    | 1000           | 7               | 0.9 | 1.8 | 0.15 |                            |
| 0.5                  | <b>20</b> | 12610050    | 1000           | 6               | 1   | 2.1 | 0.15 |                            |
|                      |           | 12810050    | 1000           | 8               | 1   | 2.1 | 0.15 |                            |
|                      |           | 121010050   | 1000           | 10              | 1   | 2.1 | 0.15 |                            |
| 0.75                 | <b>20</b> | 12610075    | 1000           | 6               | 1.2 | 2.3 | 0.15 |                            |
|                      |           | 12810075    | 1000           | 8               | 1.2 | 2.3 | 0.15 |                            |
|                      |           | 121010075   | 1000           | 10              | 1.2 | 2.3 | 0.15 |                            |
|                      |           | 121210075   | 1000           | 12              | 1.2 | 2.3 | 0.15 |                            |
| 1                    | <b>18</b> | 12610100    | 1000           | 6               | 1.4 | 2.5 | 0.15 |                            |
|                      |           | 12810100    | 1000           | 8               | 1.4 | 2.5 | 0.15 |                            |
|                      |           | 121010100   | 1000           | 10              | 1.4 | 2.5 | 0.15 |                            |
|                      |           | 121210100   | 1000           | 12              | 1.4 | 2.5 | 0.15 |                            |
| 1.5                  | <b>16</b> | 12710150    | 1000           | 7               | 1.7 | 2.8 | 0.15 |                            |
|                      |           | 121010150   | 1000           | 10              | 1.7 | 2.8 | 0.15 |                            |

|                      |          |             |                | Dimensions (mm) |     |     |     | Recommended Crimping Tools |
|----------------------|----------|-------------|----------------|-----------------|-----|-----|-----|----------------------------|
| Size mm <sup>2</sup> | AWG      | Part Number | Pieces per bag | L               | D-1 | D-2 | S   |                            |
| 10                   | <b>8</b> | 1212110     | 500            | 12              | 4.5 | 5.8 | 0.2 | TRAP8-1 or<br>TRAP8-4      |
|                      |          | 1215110     | 500            | 15              | 4.5 | 5.8 | 0.2 |                            |
|                      |          | 1218110     | 500            | 18              | 4.5 | 5.8 | 0.2 |                            |
|                      |          | 1220110     | 500            | 20              | 4.5 | 5.8 | 0.2 |                            |
|                      |          | 1225110     | 500            | 25              | 4.5 | 5.8 | 0.2 |                            |
| 16                   | <b>6</b> | 1212116     | 250            | 12              | 5.8 | 7.5 | 0.2 |                            |
|                      |          | 1215116     | 250            | 15              | 5.8 | 7.5 | 0.2 |                            |
|                      |          | 1218116     | 250            | 18              | 5.8 | 7.5 | 0.2 |                            |
|                      |          | 1220116     | 250            | 20              | 5.8 | 7.5 | 0.2 |                            |
|                      |          | 1225116     | 250            | 25              | 5.8 | 7.5 | 0.2 |                            |
|                      |          | 1232116     | 250            | 32              | 5.8 | 7.5 | 0.2 |                            |
| 25                   | <b>4</b> | 1212125     | 100            | 12              | 7.3 | 9.5 | 0.2 |                            |
|                      |          | 1215125     | 100            | 15              | 7.3 | 9.5 | 0.2 |                            |
|                      |          | 1218125     | 100            | 18              | 7.3 | 9.5 | 0.2 |                            |
|                      |          | 1225125     | 100            | 25              | 7.3 | 9.5 | 0.2 |                            |
|                      |          | 1232125     | 100            | 32              | 7.3 | 9.5 | 0.2 |                            |
| 35                   | <b>2</b> | 1218135     | 100            | 18              | 8.3 | 11  | 0.2 | TRAP8-1                    |

|     |                |           |      |    |      |      |      |           |
|-----|----------------|-----------|------|----|------|------|------|-----------|
|     |                | 121210150 | 1000 | 12 | 1.7  | 2.8  | 0.15 |           |
|     |                | 121510150 | 1000 | 15 | 1.7  | 2.8  | 0.15 |           |
|     |                | 121810150 | 1000 | 18 | 1.7  | 2.8  | 0.15 |           |
|     |                | 122010150 | 1000 | 20 | 1.7  | 2.8  | 0.15 |           |
| 2.5 | <b>14</b>      | 12710250  | 1000 | 7  | 2.2  | 3.4  | 0.15 |           |
|     |                | 121010250 | 1000 | 10 | 2.2  | 3.4  | 0.15 |           |
|     |                | 121210250 | 1000 | 12 | 2.2  | 3.4  | 0.15 |           |
|     |                | 121510250 | 1000 | 15 | 2.2  | 3.4  | 0.15 |           |
|     |                | 121810250 | 1000 | 18 | 2.2  | 3.4  | 0.15 |           |
|     |                | 122010250 | 1000 | 20 | 2.2  | 3.4  | 0.15 |           |
|     |                |           |      |    |      |      |      |           |
| 4   | <b>12</b>      | 12910400  | 1000 | 9  | 2.8  | 4    | 0.2  |           |
|     |                | 121010400 | 1000 | 10 | 2.8  | 4    | 0.2  |           |
|     |                | 121210400 | 1000 | 12 | 2.8  | 4    | 0.2  |           |
|     |                | 121510400 | 1000 | 15 | 2.8  | 4    | 0.2  |           |
|     |                | 121810400 | 1000 | 18 | 2.8  | 4    | 0.2  |           |
|     |                | 122010400 | 1000 | 20 | 2.8  | 4    | 0.2  |           |
| 6   | <b>10</b>      | 121010600 | 1000 | 10 | 3.5  | 4.7  | 0.2  |           |
|     |                | 121210600 | 1000 | 12 | 3.5  | 4.7  | 0.2  |           |
|     |                | 121510600 | 1000 | 15 | 3.5  | 4.7  | 0.2  |           |
|     |                | 1220135   | 100  | 20 | 8.3  | 11   | 0.2  |           |
|     |                | 1225135   | 100  | 25 | 8.3  | 11   | 0.2  |           |
|     |                | 1232135   | 100  | 32 | 8.3  | 11   | 0.2  |           |
|     |                |           |      |    |      |      |      |           |
| 50  | <b>1</b>       | 1218150   | 100  | 18 | 10.3 | 13   | 0.3  |           |
|     |                | 1222150   | 100  | 22 | 10.3 | 13   | 0.3  |           |
|     |                | 1225150   | 100  | 25 | 10.3 | 13   | 0.3  |           |
|     |                | 1232150   | 100  | 32 | 10.3 | 13   | 0.3  |           |
| 70  | <b>2 / 0</b>   | 1225170   | 100  | 25 | 12.5 | 15   | 0.4  | VICE70150 |
|     |                | 1232170   | 100  | 32 | 12.5 | 15   | 0.4  |           |
| 95  | <b>3 / 0</b>   | 1225195   | 100  | 25 | 14.5 | 17   | 0.4  |           |
|     |                | 1230195   | 100  | 30 | 14.5 | 17   | 0.4  |           |
|     |                | 1232195   | 100  | 32 | 14.5 | 17   | 0.4  |           |
| 120 | <b>4 / 0</b>   | 12321120  | 100  | 32 | 16.5 | 19   | 0.5  |           |
|     |                | 12401120  | 100  | 40 | 16.5 | 19   | 0.5  |           |
| 150 | <b>300 MCM</b> | 123211500 | 100  | 32 | 18.5 | 21   | 0.5  |           |
|     |                | 123811500 | 100  | 38 | 18.5 | 21   | 0.5  |           |
| 185 | <b>350 MCM</b> | 123211850 | 100  | 32 | 20   | 23.5 | 0.6  |           |
|     |                | 124011850 | 100  | 40 | 20   | 23.5 | 0.6  |           |

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