

# COMPRESSION STRAIGHT LUG



## **FEATURES**

Tin plated for corrosion prevention

Annealed copper eases the crimping operation

Optimized sizes to the most efficient electrical conductivity

Best mechanical behavior (vibration/pull-out); DIN EN 61373 Class 1B "Railway Applications"

Markings on barrel for crimping

Consistent material thickness, precise diameter and accurate cable fit; DIN46235

## **SPECIFICATIONS**

Material: Copper
Finish: Tinned

| Table 1/2         |                   |                        |           |            |  |                   |
|-------------------|-------------------|------------------------|-----------|------------|--|-------------------|
| Catalog<br>Number | Article<br>Number | Lug/Connect or Type    | Width (W) | Length (L) | Tool/Die<br>Type                                       | Hole Size<br>(HS) |
| PKS1610H          |                   | Heavy-Duty<br>DIN46235 | 17mm      | 48mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 10.5mm            |
| PKS5010H          | 715113            | Heavy-Duty<br>DIN46235 | 21mm      | 65mm       | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3,<br>MLB/PKML | 10.5mm            |

| Catalog<br>Number | Article<br>Number | Lug/Connect or Type    | Width (W) | Length (L) | Tool/DieType   | Hole Size<br>(HS) |
|-------------------|-------------------|------------------------|-----------|------------|--|-------------------|
| PKS18512H         | 715123            | Heavy-Duty<br>DIN46235 | 37mm      | 98mm       | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3,<br>MLB/PKML | 13mm              |
| PKS24012H         | 715127            | Heavy-Duty<br>DIN46235 | 42mm      | 108mm      | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3              | 13mm              |
| RKS050019H        | 716546            | Standard               | 43mm      | 109mm      | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3              | 13mm              |
| RKS12012H         | 715121            | Standard               | 28mm      | 65mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS15012T         | 716660            | Standard               | 31mm      | 72mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS1612T          | 716652            | Standard               | 19mm      | 45mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS18512T         | 716662            | Standard               | 35mm      | 83mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS24012H         | 716544            | Standard               | 39mm      | 83mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS2512T          | 716653            | Standard               | 19mm      | 48mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |

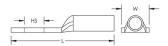
| Catalog<br>Number | Article<br>Number | Lug/Connect or Type    | Width (W) | Length (L) | Tool/DieType   | Hole Size<br>(HS) |
|-------------------|-------------------|------------------------|-----------|------------|--|-------------------|
| RKS3512T          | 716654            | Standard               | 21mm      | 51mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS612T           | 716650            | Standard               | 19mm      | 41mm       | M2M or<br>M2H/RKM2,<br>MLB/RKML                        | 13mm              |
| RKS7012T          | 716656            | Standard               | 23mm      | 59mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| RKS9512T          | 716657            | Standard               | 26mm      | 62mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 13mm              |
| PKS15016H         | 715122            | Heavy-Duty<br>DIN46235 | 34mm      | 97mm       | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3,<br>MLB/PKML | 15mm              |
| PKS18516H         | 715124            | Heavy-Duty<br>DIN46235 | 37mm      | 101mm      | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3,<br>MLB/PKML | 15mm              |
| PKS24016H         | 715128            | Heavy-Duty<br>DIN46235 | 42mm      | 111mm      | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3              | 15mm              |
| PKS30020H         | 715136            | Heavy-Duty<br>DIN46235 | 46mm      | 119mm      | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3              | 15mm              |
| PKS40020H         | 715138            | Heavy-Duty<br>DIN46235 | 54mm      | 140mm      | M4FP/PKM4,<br>MLB                                      | 15mm              |
| PKS30016H         | 715129            | Heavy-Duty<br>DIN46235 | 46mm      | 119mm      | M2M or<br>M2H/PKM2,<br>M3H or<br>M3B/PKM3              | 17mm              |
| PKS40016H         | 715137            | Heavy-Duty<br>DIN46235 | 54mm      | 140mm      | M4FP/PKM4  | 17mm              |

| Catalog<br>Number | Article<br>Number | Lug/Connect or Type | Width (W) | Length (L) | Tool/DieType   | Hole Size<br>(HS) |
|-------------------|-------------------|---------------------|-----------|------------|--|-------------------|
| RKS12016T         | 716659            | Standard            | 28mm      | 67mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 17mm              |
| RKS15016T         | 716661            | Standard            | 31mm      | 72mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 17mm              |
| RKS18516T         | 716663            | Standard            | 35mm      | 83mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 17mm              |
| RKS24016T         | 716664            | Standard            | 39mm      | 93mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 17mm              |
| RKS30016T         | 716665            | Standard            | 43mm      | 101mm      | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3              | 17mm              |
| RKS40016T         | 716666            | Standard            | 49mm      | 114mm      | M3H or<br>M3B/RKM3                                     | 17mm              |
| RKS9516T          | 716658            | Standard            | 26mm      | 66mm       | M2M or<br>M2H/RKM2,<br>M3H or<br>M3B/RKM3,<br>MLB/RKML | 17mm              |

| Table 2/2      |                |   |  |  |
|----------------|----------------|---|--|--|
| Catalog Number | Article Number | Conductor Size                            |  |  |
| PKS1610H       |                | #6 Stranded, 16 mm² Stranded              |  |  |
| PKS5010H       | 715113         | 1/0 Stranded, 50 mm <sup>2</sup> Stranded |  |  |
| PKS18512H      | 715123         | 185 mm² Stranded, 350 kcmil Stranded      |  |  |
| PKS24012H      | 715127         | 240 mm² Stranded, 500 kcmil Stranded      |  |  |
| RKS050019H     | 716546         | 300 mm² Stranded, 600 kcmil Stranded      |  |  |
| RKS12012H      | 715121         | 120 mm² Stranded, 250 kcmil Stranded      |  |  |
| RKS15012T      | 716660         | 150 mm² Stranded, 300 kcmil Stranded      |  |  |
| RKS1612T       | 716652         | #5 Stranded, 16 mm² Stranded              |  |  |
| RKS18512T      | 716662         | 185 mm² Stranded, 350 kcmil Stranded      |  |  |

| Catalog Number | Article Number | Conductor Size                            |
|----------------|----------------|---|
| RKS24012H      | 716544         | 240 mm² Stranded, 500 kcmil Stranded      |
| RKS2512T       | 716653         | #3 Stranded, 25 mm² Stranded              |
| RKS3512T       | 716654         | #2 Stranded, 35 mm² Stranded              |
| RKS612T        | 716650         | 6 mm² Stranded                            |
| RKS7012T       | 716656         | 2/0 Stranded, 70 mm <sup>2</sup> Stranded |
| RKS9512T       | 716657         | 4/0 Stranded, 95 mm² Stranded             |
| PKS15016H      | 715122         | 150 mm² Stranded, 300 kcmil Stranded      |
| PKS18516H      | 715124         | 185 mm² Stranded, 350 kcmil Stranded      |
| PKS24016H      | 715128         | 240 mm² Stranded, 500 kcmil Stranded      |
| PKS30020H      | 715136         | 300 mm² Stranded, 600 kcmil Stranded      |
| PKS40020H      | 715138         | 400 mm² Stranded, 800 kcmil Stranded      |
| PKS30016H      | 715129         | 300 mm² Stranded, 600 kcmil Stranded      |
| PKS40016H      | 715137         | 400 mm² Stranded, 800 kcmil Stranded      |
| RKS12016T      | 716659         | 120 mm² Stranded, 250 kcmil Stranded      |
| RKS15016T      | 716661         | 150 mm² Stranded, 300 kcmil Stranded      |
| RKS18516T      | 716663         | 185 mm² Stranded, 350 kcmil Stranded      |
| RKS24016T      | 716664         | 240 mm² Stranded, 500 kcmil Stranded      |
| RKS30016T      | 716665         | 300 mm² Stranded, 600 kcmil Stranded      |
| RKS40016T      | 716666         | 400 mm² Stranded, 800 kcmil Stranded      |
| RKS9516T       | 716658         | 4/0 Stranded, 95 mm² Stranded             |

## **DIAGRAMS**



## **WARNING**

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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