

# 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 Number | Article Number | Lug/Connector Type     | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|------------------------|--------------------------------------------------------|----------------|------------|-----------|
| PKS1610H       |                | Heavy-Duty<br>DIN46235 | #6 Stranded, 16<br>mm <sup>2</sup> Stranded            | 10.5 mm        | 48mm       | 17 mm     |
| PKS5010H       | 715113         | Heavy-Duty<br>DIN46235 | 1/0 Stranded,<br>50 mm <sup>2</sup><br>Stranded        | 10.5 mm        | 65mm       | 21 mm     |
| PKS18512H      | 715123         | Heavy-Duty<br>DIN46235 | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 13 mm          | 98mm       | 37 mm     |

| CatalogNumber | Article Number | Lug/Connector Type     | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|---------------|----------------|------------------------|--------------------------------------------------------|----------------|------------|-----------|
| PKS24012H     | 715127         | Heavy-Duty<br>DIN46235 | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 13 mm          | 108mm      | 42 mm     |
| RKS050019H    | 716546         | Standard               | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 13 mm          | 109mm      | 43 mm     |
| RKS12012H     | 715121         | Standard               | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 13 mm          | 65mm       | 28 mm     |
| RKS15012T     | 716660         | Standard               | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 13 mm          | 72mm       | 31 mm     |
| RKS1612T      | 716652         | Standard               | #5 Stranded, 16<br>mm <sup>2</sup> Stranded            | 13 mm          | 45mm       | 19 mm     |
| RKS18512T     | 716662         | Standard               | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 13 mm          | 83mm       | 35 mm     |
| RKS24012H     | 716544         | Standard               | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 13 mm          | 83mm       | 39 mm     |
| RKS2512T      | 716653         | Standard               | #3 Stranded, 25<br>mm <sup>2</sup> Stranded            | 13 mm          | 48mm       | 19 mm     |
| RKS3512T      | 716654         | Standard               | #2 Stranded, 35<br>mm <sup>2</sup> Stranded            | 13 mm          | 51mm       | 21 mm     |
| RKS612T       | 716650         | Standard               | 6 mm <sup>2</sup><br>Stranded                          | 13 mm          | 41mm       | 19 mm     |
| RKS7012T      | 716656         | Standard               | 2/0 Stranded,<br>70 mm <sup>2</sup><br>Stranded        | 13 mm          | 59mm       | 23 mm     |
| RKS9512T      | 716657         | Standard               | 4/0 Stranded,<br>95 mm <sup>2</sup><br>Stranded        | 13 mm          | 62mm       | 26 mm     |
| PKS40020H     | 715138         | Heavy-Duty<br>DIN46235 | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 15 mm          | 140mm      | 54 mm     |
| PKS15016H     | 715122         | Heavy-Duty<br>DIN46235 | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 15 mm          | 97mm       | 34 mm     |
| PKS18516H     | 715124         | Heavy-Duty<br>DIN46235 | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 15 mm          | 101mm      | 37 mm     |

| CatalogNumber | Article Number | Lug/Connector Type     | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|---------------|----------------|------------------------|--------------------------------------------------------|----------------|------------|-----------|
| PKS24016H     | 715128         | Heavy-Duty<br>DIN46235 | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 15 mm          | 111mm      | 42 mm     |
| PKS30020H     | 715136         | Heavy-Duty<br>DIN46235 | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 15 mm          | 119mm      | 46 mm     |
| PKS30016H     | 715129         | Heavy-Duty<br>DIN46235 | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 17 mm          | 119mm      | 46 mm     |
| PKS40016H     | 715137         | Heavy-Duty<br>DIN46235 | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 17 mm          | 140mm      | 54 mm     |
| RKS12016T     | 716659         | Standard               | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 17 mm          | 67mm       | 28 mm     |
| RKS15016T     | 716661         | Standard               | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 17 mm          | 72mm       | 31 mm     |
| RKS18516T     | 716663         | Standard               | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 17 mm          | 83mm       | 35 mm     |
| RKS24016T     | 716664         | Standard               | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 17 mm          | 93mm       | 39 mm     |
| RKS30016T     | 716665         | Standard               | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 17 mm          | 101mm      | 43 mm     |
| RKS40016T     | 716666         | Standard               | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 17 mm          | 114mm      | 49 mm     |
| RKS9516T      | 716658         | Standard               | 4/0 Stranded,<br>95 mm <sup>2</sup><br>Stranded        | 17 mm          | 66mm       | 26 mm     |

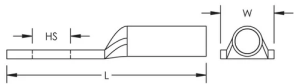
Table 2/2

| Catalog Number | Article Number | Tool/Die Type                                 |
|----------------|----------------|-----------------------------------------------|
| PKS1610H       |                | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| PKS5010H       | 715113         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3, MLB/PKML |
| PKS18512H      | 715123         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3, MLB/PKML |

| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--------------------------------------------|
| PKS24012H      | 715127         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| RKS050019H     | 716546         | M2M or M2H/RKM2, M3H or M3B/RKM3           |
| RKS12012H      | 715121         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS15012T      | 716660         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS1612T       | 716652         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS18512T      | 716662         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS24012H      | 716544         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS2512T       | 716653         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS3512T       | 716654         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS612T        | 716650         | M2M or M2H/RKM2, MLB/RKML                  |
| RKS7012T       | 716656         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS9512T       | 716657         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKS40020H      | 715138         | M4FP/PKM4, MLB                             |
| PKS15016H      | 715122         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS18516H      | 715124         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS24016H      | 715128         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| PKS30020H      | 715136         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| PKS30016H      | 715129         | M2M or M2H/PKM2, M3H or M3B/PKM3           |

| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--------------------------------------------|
| PKS40016H      | 715137         | M4FP/PKM4                                  |
| RKS12016T      | 716659         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS15016T      | 716661         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS18516T      | 716663         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS24016T      | 716664         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS30016T      | 716665         | M2M or M2H/RKM2, M3H or M3B/RKM3           |
| RKS40016T      | 716666         | M3H or M3B/RKM3                            |
| RKS9516T       | 716658         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |

## 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](http://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.

#### North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

#### Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

#### Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

#### APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

**CADDY**

**ERICO**

**HOFFMAN**

**ILSCO**

**SCHROFF**

**TRACHTE**