

# Compression 45° Angle 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

Flat contact surface by special angle punching process

## SPECIFICATIONS

**Angle (a):** 45 °

**Material:** Copper

**Finish:** Tinned

Table 1/2

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|------------------------|--------------------------------------------------------|----------------|------------|-----------|
| PKS1201245H    | 716605         | Heavy-Duty<br>DIN46235 | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 13 mm          | 71mm       | 32 mm     |
| PKS1501245H    | 716607         | Heavy-Duty<br>DIN46235 | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 13 mm          | 71mm       | 34 mm     |

| CatalogNumber | Article Number | Lug/Connector Type     | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|---------------|----------------|------------------------|--------------------------------------------------------|----------------|------------|-----------|
| PKS1851245H   | 716609         | Heavy-Duty<br>DIN46235 | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 13 mm          | 81mm       | 37 mm     |
| PKS2401245H   | 716611         | Heavy-Duty<br>DIN46235 | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 13 mm          | 81mm       | 42 mm     |
| RKS0061945    | 715049         | Standard               | #6 Stranded, 16<br>mm <sup>2</sup> Stranded            | 12.95 mm       | 58mm       | 21 mm     |
| RKS1201245    | 716685         | Standard               | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 13 mm          | 51mm       | 28 mm     |
| RKS1501245T   | 716687         | Standard               | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 13 mm          | 61mm       | 31 mm     |
| RKS1851245T   | 716689         | Standard               | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 13 mm          | 61mm       | 35 mm     |
| RKS2401245T   | 716691         | Standard               | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 13 mm          | 71mm       | 39 mm     |
| RKS3001245T   | 716693         | Standard               | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 13 mm          | 86mm       | 43 mm     |
| RKS4001245T   | 716695         | Standard               | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 13 mm          | 86mm       | 49 mm     |
| PKS1201645H   | 716606         | Heavy-Duty<br>DIN46235 | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 15 mm          | 71mm       | 32 mm     |
| PKS1501645H   | 716608         | Heavy-Duty<br>DIN46235 | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 15 mm          | 71mm       | 34 mm     |
| PKS1851645H   | 716610         | Heavy-Duty<br>DIN46235 | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 15 mm          | 81mm       | 37 mm     |
| PKS2401645H   | 716612         | Heavy-Duty<br>DIN46235 | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 15 mm          | 81mm       | 42 mm     |
| RKS1201645T   | 716686         | Standard               | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 15 mm          | 51mm       | 28 mm     |

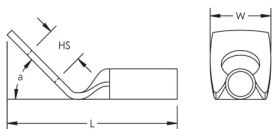
| CatalogNumber | Article Number | Lug/Connector Type | Conductor Size                                         | Hole Size (HS) | Length (L) | Width (W) |
|---------------|----------------|--------------------|--------------------------------------------------------|----------------|------------|-----------|
| RKS1501645T   | 716688         | Standard           | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 15 mm          | 61mm       | 31 mm     |
| RKS1851645T   | 716690         | Standard           | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 15 mm          | 61mm       | 35 mm     |
| RKS2401645T   | 716692         | Standard           | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 15 mm          | 71mm       | 39 mm     |
| RKS3001645T   | 716694         | Standard           | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 15 mm          | 86mm       | 43 mm     |
| RKS4001645T   | 716696         | Standard           | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 15 mm          | 86mm       | 49 mm     |

Table 2/2

| Catalog Number | Article Number | Tool/Die Type                                 |
|----------------|----------------|-----------------------------------------------|
| PKS1201245H    | 716605         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3, MLB/PKML |
| PKS1501245H    | 716607         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3, MLB/PKML |
| PKS1851245H    | 716609         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3, MLB/PKML |
| PKS2401245H    | 716611         | M2M or M2H/PKM2, M3H or<br>M3B/PKM3           |
| RKS0061945     | 715049         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| RKS1201245     | 716685         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| RKS1501245T    | 716687         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| RKS1851245T    | 716689         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| RKS2401245T    | 716691         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3, MLB/RKML |
| RKS3001245T    | 716693         | M2M or M2H/RKM2, M3H or<br>M3B/RKM3           |

| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--------------------------------------------|
| RKS4001245T    | 716695         | M3H or M3B/RKM3                            |
| PKS1201645H    | 716606         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS1501645H    | 716608         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS1851645H    | 716610         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS2401645H    | 716612         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| RKS1201645T    | 716686         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS1501645T    | 716688         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS1851645T    | 716690         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS2401645T    | 716692         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS3001645T    | 716694         | M2M or M2H/RKM2, M3H or M3B/RKM3           |
| RKS4001645T    | 716696         | M3H or M3B/RKM3                            |

## 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.

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