

# Compression Straight Lug

## Data Solutions



### 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) |
|----------------|----------------|------------------------|---|----------------|------------|-----------|
| PKS5010H       | 715113         | Heavy-Duty<br>DIN46235 | 1/0 Stranded,<br>50 mm <sup>2</sup><br>Stranded | 10.5mm         | 65mm       | 21mm      |
| PKS1610H       |                | Heavy-Duty<br>DIN46235 | #6 Stranded, 16<br>mm <sup>2</sup> Stranded     | 10.5mm         | 48mm       | 17mm      |

| Catalog Number | Article Number | Lug/Connector Type  | Conductor Size                                   | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|---------------------|--|----------------|------------|-----------|
| RKS2512T       | 716653         | Standard            | #3 Stranded, 25 mm <sup>2</sup> Stranded         | 13mm           | 48mm       | 19mm      |
| PKS18512H      | 715123         | Heavy-Duty DIN46235 | 185 mm <sup>2</sup> Stranded, 350 kcmil Stranded | 13mm           | 98mm       | 37mm      |
| RKS7012T       | 716656         | Standard            | 2/0 Stranded, 70 mm <sup>2</sup> Stranded        | 13mm           | 59mm       | 23mm      |
| RKS12012H      | 715121         | Standard            | 120 mm <sup>2</sup> Stranded, 250 kcmil Stranded | 13mm           | 65mm       | 28mm      |
| PKS1612H       | 715111         | Heavy-Duty DIN46235 | #5 Stranded, 16 mm <sup>2</sup> Stranded         | 13mm           | 49mm       | 18mm      |
| RKS050019H     | 716546         | Standard            | 300 mm <sup>2</sup> Stranded, 600 kcmil Stranded | 13mm           | 109mm      | 43mm      |
| RKS24012H      | 716544         | Standard            | 240 mm <sup>2</sup> Stranded, 500 kcmil Stranded | 13mm           | 83mm       | 39mm      |
| RKS18512T      | 716662         | Standard            | 185 mm <sup>2</sup> Stranded, 350 kcmil Stranded | 13mm           | 83mm       | 35mm      |
| RKS15012T      | 716660         | Standard            | 150 mm <sup>2</sup> Stranded, 300 kcmil Stranded | 13mm           | 72mm       | 31mm      |
| RKS3512T       | 716654         | Standard            | #2 Stranded, 35 mm <sup>2</sup> Stranded         | 13mm           | 51mm       | 21mm      |
| PKS24012H      | 715127         | Heavy-Duty DIN46235 | 240 mm <sup>2</sup> Stranded, 500 kcmil Stranded | 13mm           | 108mm      | 42mm      |
| RKS1612T       | 716652         | Standard            | #5 Stranded, 16 mm <sup>2</sup> Stranded         | 13mm           | 45mm       | 19mm      |
| RKS9512T       | 716657         | Standard            | 4/0 Stranded, 95 mm <sup>2</sup> Stranded        | 13mm           | 62mm       | 26mm      |
| RKS612T        | 716650         | Standard            | 6 mm <sup>2</sup> Stranded                       | 13mm           | 41mm       | 19mm      |
| PKS24016H      | 715128         | Heavy-Duty DIN46235 | 240 mm <sup>2</sup> Stranded, 500 kcmil Stranded | 15mm           | 111mm      | 42mm      |

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size   | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|------------------------|--|----------------|------------|-----------|
| PKS15016H      | 715122         | Heavy-Duty<br>DIN46235 | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 15mm           | 97mm       | 34mm      |
| PKS18516H      | 715124         | Heavy-Duty<br>DIN46235 | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 15mm           | 101mm      | 37mm      |
| PKS30020H      | 715136         | Heavy-Duty<br>DIN46235 | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 15mm           | 119mm      | 46mm      |

Table 2/2

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size   | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|------------------------|--|----------------|------------|-----------|
| PKS12014H      | 715116         | Heavy-Duty<br>DIN46235 | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 15mm           | 88mm       | 32mm      |
| PKS40020H      | 715138         | Heavy-Duty<br>DIN46235 | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 15mm           | 140mm      | 54mm      |
| PKS30016H      | 715129         | Heavy-Duty<br>DIN46235 | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 17mm           | 119mm      | 46mm      |
| PKS40016H      | 715137         | Heavy-Duty<br>DIN46235 | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 17mm           | 140mm      | 54mm      |
| RKS15016T      | 716661         | Standard               | 150 mm <sup>2</sup><br>Stranded, 300<br>kcmil Stranded | 17mm           | 72mm       | 31mm      |
| RKS9516T       | 716658         | Standard               | 4/0 Stranded,<br>95 mm <sup>2</sup><br>Stranded        | 17mm           | 66mm       | 26mm      |
| RKS24016T      | 716664         | Standard               | 240 mm <sup>2</sup><br>Stranded, 500<br>kcmil Stranded | 17mm           | 93mm       | 39mm      |
| RKS18516T      | 716663         | Standard               | 185 mm <sup>2</sup><br>Stranded, 350<br>kcmil Stranded | 17mm           | 83mm       | 35mm      |
| RKS40016T      | 716666         | Standard               | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 17mm           | 114mm      | 49mm      |
| RKS12016T      | 716659         | Standard               | 120 mm <sup>2</sup><br>Stranded, 250<br>kcmil Stranded | 17mm           | 67mm       | 28mm      |

| Catalog Number | Article Number | Lug/Connector Type | Conductor Size   | Hole Size (HS) | Length (L) | Width (W) |
|----------------|----------------|--------------------|--|----------------|------------|-----------|
| RKS30016T      | 716665         | Standard           | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 17mm           | 101mm      | 43mm      |

Table 1/2

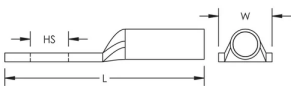
| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--|
| PKS5010H       | 715113         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS1610H       |                | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS2512T       | 716653         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKS18512H      | 715123         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKS7012T       | 716656         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS12012H      | 715121         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKS1612H       | 715111         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKS050019H     | 716546         | M2M or M2H/RKM2, M3H or M3B/RKM3           |
| RKS24012H      | 716544         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS18512T      | 716662         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS15012T      | 716660         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS3512T       | 716654         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKS24012H      | 715127         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| RKS1612T       | 716652         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS9512T       | 716657         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS612T        | 716650         | M2M or M2H/RKM2, MLB/RKML                  |
| PKS24016H      | 715128         | M2M or M2H/PKM2, M3H or M3B/PKM3           |

| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--|
| PKS15016H      | 715122         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS18516H      | 715124         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS30020H      | 715136         | M2M or M2H/PKM2, M3H or M3B/PKM3           |

Table 2/2

| Catalog Number | Article Number | Tool/Die Type                              |
|----------------|----------------|--|
| PKS12014H      | 715116         | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKS40020H      | 715138         | M4FP/PKM4, MLB                             |
| PKS30016H      | 715129         | M2M or M2H/PKM2, M3H or M3B/PKM3           |
| PKS40016H      | 715137         | M4FP/PKM4                                  |
| RKS15016T      | 716661         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS9516T       | 716658         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS24016T      | 716664         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS18516T      | 716663         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS40016T      | 716666         | M3H or M3B/RKM3                            |
| RKS12016T      | 716659         | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKS30016T      | 716665         | M2M or M2H/RKM2, M3H or M3B/RKM3           |

## DIAGRAMS



## WARNING

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