

# 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

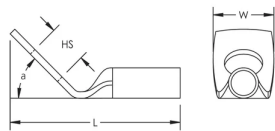
Table 1/1

Catalog Number	Lug/Connector Type	Conductor Size	Hole Size (HS)	Length (L)	Width (W)	Tool/Die Type
PKS1201245H	Heavy-Duty DIN46235	120 mm <sup>2</sup> Stranded, 250 kcmil Stranded	0.51"	2.8"	1.3"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML

CatalogNumber	Lug/Connector Type	Conductor Size	Hole Size (HS)	Length (L)	Width (W)	Tool/Die Type
PKS1501245H	Heavy-Duty DIN46235	150 mm <sup>2</sup> Stranded, 300 kcmil Stranded	0.51"	2.8"	1.3"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML
PKS1851245H	Heavy-Duty DIN46235	185 mm <sup>2</sup> Stranded, 350 kcmil Stranded	0.51"	3.2"	1 1/2"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML
PKS2401245H	Heavy-Duty DIN46235	240 mm <sup>2</sup> Stranded, 500 kcmil Stranded	0.51"	3.2"	1.7"	M2M or M2H/PKM2, M3H or M3B/PKM3
RKS0061945	Standard	#6 Stranded, 16 mm <sup>2</sup> Stranded	0.51"	2.3"	0.8"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS1201245	Standard	120 mm <sup>2</sup> Stranded, 250 kcmil Stranded	0.51"	2"	1.1"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS1501245T	Standard	150 mm <sup>2</sup> Stranded, 300 kcmil Stranded	0.51"	2.4"	1.2"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS1851245T	Standard	185 mm <sup>2</sup> Stranded, 350 kcmil Stranded	0.51"	2.4"	1.4"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS2401245T	Standard	240 mm <sup>2</sup> Stranded, 500 kcmil Stranded	0.51"	2.8"	1 1/2"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS3001245T	Standard	300 mm <sup>2</sup> Stranded, 600 kcmil Stranded	0.51"	3.4"	1.7"	M2M or M2H/RKM2, M3H or M3B/RKM3
RKS4001245T	Standard	400 mm <sup>2</sup> Stranded, 800 kcmil Stranded	0.51"	3.4"	1.9"	M3H or M3B/RKM3

CatalogNumber	Lug/Connector Type	Conductor Size	Hole Size (HS)	Length (L)	Width (W)	Tool/Die Type
PKS1201645H	Heavy-Duty DIN46235	120 mm <sup>2</sup> Stranded, 250 kcmil Stranded	0.59"	2.8"	1.3"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML
PKS1501645H	Heavy-Duty DIN46235	150 mm <sup>2</sup> Stranded, 300 kcmil Stranded	0.59"	2.8"	1.3"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML
PKS1851645H	Heavy-Duty DIN46235	185 mm <sup>2</sup> Stranded, 350 kcmil Stranded	0.59"	3.2"	1 1/2"	M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML
PKS2401645H	Heavy-Duty DIN46235	240 mm <sup>2</sup> Stranded, 500 kcmil Stranded	0.59"	3.2"	1.7"	M2M or M2H/PKM2, M3H or M3B/PKM3
RKS1201645T	Standard	120 mm <sup>2</sup> Stranded, 250 kcmil Stranded	0.59"	2"	1.1"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS1501645T	Standard	150 mm <sup>2</sup> Stranded, 300 kcmil Stranded	0.59"	2.4"	1.2"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS1851645T	Standard	185 mm <sup>2</sup> Stranded, 350 kcmil Stranded	0.59"	2.4"	1.4"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS2401645T	Standard	240 mm <sup>2</sup> Stranded, 500 kcmil Stranded	0.59"	2.8"	1 1/2"	M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML
RKS3001645T	Standard	300 mm <sup>2</sup> Stranded, 600 kcmil Stranded	0.59"	3.4"	1.7"	M2M or M2H/RKM2, M3H or M3B/RKM3
RKS4001645T	Standard	400 mm <sup>2</sup> Stranded, 800 kcmil Stranded	0.59"	3.4"	1.9"	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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