

Lugs



The use of compression lugs for securing conductors to terminals has long been recognised as offering the optimum combination of electrical integrity, reliability and speedy installation. Single hole, two hole and four hole palm lugs available.

The compression system ensures a high level of termination when used in association with tooling supplied by the same manufacturer ensuring that the completed installation complies with the standards laid down in BS EN 61238-1(Compression joints in copper conductors). Anixter stocks uninsulated compression lugs, produced from high conductivity electrolytic copper having a tin plated finish for operating temperatures up to 150 °C and also to prevent corrosion.

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Anixter Number	To Suit Conductor Size (mm ²)		Stud Size (mm)
	Flex	Str.	
Single Hole Palm			
LUG65			5
LUG66	4.0 to		6
LUG68	6.0		8
LUG6	10		10
LUG105	10		5
LUG106			6
LUG108			8
LUG1010			10
LUG1012			12
LUG165	10	16	5
LUG166			6
LUG168			8
LUG1610			10
LUG1612			12
LUG256			6
LUG258	16	25	8
LUG2510			10
LUG2512			12
LUG356	25	35	6
LUG358			8
LUG3510			10
LUG3512			12
LUG506	35	50	6
LUG508			8
LUG5010			10
LUG5012			12
LUG708	50	70	8
LUG7010			10
LUG7012			12
LUG7016			16
LUG9510	70	95	10
LUG9512			12
LUG9516			16

Anixter Number	To Suit Conductor Size (mm ²)		Stud Size (mm)
	Flex	Str.	
LUG12010	95	120	10
LUG12012			12
LUG12016			16
LUG12020			20
LUG15010	120	150	10
LUG15012			12
LUG15016			16
LUG18510	150	185	10
LUG18512			12
LUG18516			16
LUG18520			20
LUG24010	185	240	10
LUG24012			12
LUG24016			16
LUG24020			20
LUG30010	240	300	10
LUG30012			12
LUG30016			16
LUG30020			20
LUG40016	300	400	16
LUG50020	400	500	20
LUG63020	500	630	20
Two Hole Palm			
E1AE-BT-150-C12B2	120	150	12
E1AE-BT-185-C12B2	150	185	12
E1AE-BT-240-C12B2	185	240	12
E1AE-BT-300-C12B2	240	300	12
E1AE-BT-400-C12B2	300	400	12
E1AE-BT-500-C12B2	400	500	12
Four Hole Palm			
LUG3008H4	240	300	8
LUG4008H4	300	400	8
LUG5008H4	400	500	8
LUG6308H4	500	630	8

With regards to lugs for flexible conductors, it is common practice to go up one lug size to allow for the larger conductor diameter on a flexible conductor. e.g. A 70sqmm lug size is used on a 50sqmm cable having flexible conductors. It is also necessary to ensure, that all the wires are contained within the lug, prior to the crimp being applied. For through crimps refer to joints section on page 17.38.