

Cable Lug

These cable lugs facilitate the connection of copper cables to electrical equipment. They are made from copper with tin plating and are suitable for medium voltage applications.



Overview

High-Conductivity AUS Cable Lugs

These AUS series cable lugs are manufactured to German DIN 46235 standards, ensuring reliable electrical connections for medium voltage applications. Constructed from high-purity copper (Cu e 99.9%) with a tin-plated surface, they provide exceptional conductivity and superior corrosion resistance. The design features clear barrel markings to guide precise crimping, making them an essential component for connecting copper cables to electrical equipment.

Material & Construction

Material Composition

99.9 %

Copper Purity

Surface Treatment

Tin Plated

Standards & Application

Compliance Standard	DIN 46235
Primary Application	Connection of copper cable with copper end of electrical equipment in medium voltage.

Technical Features

Key Features

- Clear markings on barrel for crimping location
- Compatible with DIN standard crimping dies
- High-purity electrolytic copper construction
- Corrosion-resistant tin plating

Sizing & Dimensions

Conductor Size Range	6mm ² , 10mm ² , 16mm ² , 25mm ² , 35mm ² , 50mm ² , 70mm ² , 95mm ² , 120mm ² , 150mm ² , 185mm ² , 240mm ² , 300mm ² , 400mm ² , 500mm ² , 630mm ² , 800mm ²
Available Stud Sizes	M5, M6, M8, M10, M12, M14, M16, M20

Technical Specifications Table

Type	Conductor Size (mm²)	Dimensions				Stud Size	Packaging	Crimping Die
		Length (mm)	Width (mm)	Height (mm)	Weight (kg)			
AUS6	6	24	32	55	85	M5	20x4	DT6
AUS10	10	27	35	60	90	M5	20x4	DT6
AUS16	16	36	45	75	105	M6	20x4	DT8
AUS25	25	45	55	90	120	M8	20x4	DT10
AUS35	35	55	65	105	135	M8	20x4	DT12
AUS50	50	70	80	120	150	M10	20x4	DT14
AUS70	70	85	95	135	165	M10	20x4	DT16

Detailed dimensions and stud size options for 6mm² to 25mm² conductor sizes.

Type	Conductor Size (mm²)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Stud Size	Packaging	Crimping Die
AUS35	35	55	65	105	135	M8	20x4	DT12
AUS50	50	70	80	120	150	M10	20x4	DT14
AUS70	70	85	95	135	165	M10	20x4	DT16

Sizing data for AUS35, AUS50, and AUS70 series lugs.

Type	Conductor Size (mm²)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Stud Size	Packaging	Crimping Die
AUS95	95	65	75	120	180	M12	30x4	DT18
AUS120	120	70	80	130	190	M12	30x4	DT20
AUS150	150	78	88	140	200	M12	30x4	DT22
AUS185	185	82	92	145	210	M12	30x4	DT25
AUS240	240	92	102	155	220	M12	30x4	DT28
AUS300	300	100	110	165	230	M12	30x4	DT32
AUS400	400	115	125	180	240	M12	30x4	DT38
AUS500	500	125	135	190	250	M12	30x4	DT42
AUS630	630	135	145	200	260	M12	30x4	DT44
AUS800	800	165	175	220	270	M12	30x4	DT48

Technical parameters for high-capacity AUS series cable lugs.

Type	Conductor Size (mm²)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Stud Size	Packaging	Crimping Die
AUS95	95	65	75	120	180	M12	30x4	DT18
AUS120	120	70	80	130	190	M12	30x4	DT20
AUS150	150	78	88	140	200	M12	30x4	DT22
AUS185	185	82	92	145	210	M12	30x4	DT25
AUS240	240	92	102	155	220	M12	30x4	DT28
AUS300	300	100	110	165	230	M12	30x4	DT32
AUS400	400	115	125	180	240	M12	30x4	DT38
AUS500	500	125	135	190	250	M12	30x4	DT42
AUS630	630	135	145	200	260	M12	30x4	DT44
AUS800	800	165	175	220	270	M12	30x4	DT48

Specifications for heavy-duty lugs ranging from 185mm² up to 800mm².

Specifications (6mm² - 70mm²)

Type	Conductor (mm²)	Stud	L (mm)	Crimping Die
AUS6	6	M5/M6/M8	24	DT6
AUS10	10	M5/M6/M8	27	DT6
AUS16	16	M6/M8/M10/M12	36	DT8
AUS25	25	M6/M8/M10/M12	38	DT10
AUS35	35	M6/M8/M10/M12	42	DT12
AUS50	50	M8/M10/M12/M14/M16	52	DT14
AUS70	70	M8/M10/M12/M14/M16	55	DT16

Specifications (95mm² - 800mm²)

Type	Conductor (mm²)	Length L (mm)	Crimping Die
AUS95	95	65	DT18
AUS120	120	70	DT20
AUS150	150	78	DT22
AUS185	185	82	DT25
AUS240	240	92	DT28
AUS300	300	100	DT32
AUS400	400	115	DT38
AUS500	500	125	DT42
AUS630	630	135	DT44
AUS800	800	165	N/A