

Copper Cable Lug - DIN Standard

These copper cable lugs facilitate the connection of copper cables to electrical equipment in medium voltage environments. They are manufactured according to DIN standards with clear markings to ensure proper crimping.



Overview

High-Conductivity Copper Cable Lugs

These DIN 46235 standard copper cable lugs are designed for reliable connections between copper cables and electrical equipment in medium voltage applications. Manufactured from high-purity copper (Cu e 99.9%) and finished with tin plating, they offer superior electrical conductivity and excellent corrosion resistance. Each lug features clear barrel markings to ensure precise crimping alignment when used with standard DIN dies, making them ideal for professional power distribution and transmission projects.

Material & Build

Material Composition

99.9 %

Copper Purity

Surface Treatment

Tin Plated

Standards & Compliance

Technical Standard	DIN 46235 (Germany Norm)
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Application

Voltage Suitability	Medium Voltage
Primary Usage	Connection of copper cable with copper ends of electrical equipment

Technical Specifications

AUS35-6	35	42	8.2	12.5	17	M6	200x4	DT12
AUS35-8		42	8.2	12.5	17	M8		
AUS35-10		42	8.2	12.5	19	M10		
AUS35-12		42	8.2	12.5	21	M12		
AUS50-8	50	52	10	14.5	20	M8	125x4	DT14
AUS50-10		52	10	14.5	22	M10		
AUS50-12		52	10	14.5	24	M12		
AUS50-14		52	10	14.5	24	M14		
AUS50-16		52	10	14.5	28	M16		
AUS70-8	70	55	11.5	16.5	24	M8	100x4	DT16
AUS70-10		55	11.5	16.5	24	M10		
AUS70-12		55	11.5	16.5	24	M12		
AUS70-14		55	11.5	16.5	24	M14		
AUS70-16		55	11.5	16.5	30	M16		

Dimensional data for AUS35, AUS50, and AUS70 series cable lugs.

Compatible Crimping Dies

- DT6
- DT8
- DT10
- DT12
- DT14
- DT16
- DT18
- DT20
- DT22

Conductor Size Range

6mm², 10mm², 16mm², 25mm², 35mm², 50mm², 70mm², 95mm², 120mm², 150mm²

Available Stud Sizes

M5, M6, M8, M10, M12, M14, M16

Product Features

Key Features

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

Dimensional Data (Small - Medium)

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)			
AUS6-5	6	24	3.8	5.5	8.5	M5	600x12	-
AUS6-6		24	3.8	5.5	9	M6		
AUS6-8		24	3.8	5.5	13	M8		
AUS10-5	10	27	4.5	6	9	M5	500x12	DT6
AUS10-6		27	4.5	6	9	M6		
AUS10-8		27	4.5	6	13	M8		
AUS16-6	16	36	5.5	8.5	13	M6	200x8	DT8
AUS16-8		36	5.5	8.5	13	M8		
AUS16-10		36	5.5	8.5	17	M10		
AUS16-12		36	5.5	8.5	18	M12		
AUS25-6	25	38	7	10	14	M6	200x8	DT10
AUS25-8		38	7	10	16	M8		
AUS25-10		38	7	10	17	M10		
AUS25-12		38	7	10	19	M12		

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

Small to Medium Lug Dimensions

Type	Conductor (mm ²)	L (mm)	d (mm)	D (mm)	Stud
AUS6-5	6	24	3.8	5.5	M5
AUS10-6	10	27	4.5	6	M6
AUS16-8	16	36	5.5	8.5	M8
AUS25-10	25	38	7	10	M10
AUS35-12	35	42	8.2	12.5	M12

Dimensional Data (Large)

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)			
AUS95-8	95	65	13.5	19	28	M8	60x4	DT18
AUS95-10		65	13.5	19	28	M10		
AUS95-12		65	13.5	19	28	M12		
AUS95-14		65	13.5	19	28	M14		
AUS95-16		65	13.5	19	32	M16		
AUS120-8	120	70	15.5	21	31	M8	50x4	DT20
AUS120-10		70	15.5	21	32	M10		
AUS120-12		70	15.5	21	32	M12		
AUS120-14		70	15.5	21	32	M14		
AUS120-16		70	15.5	21	32	M16		
AUS150-10	150	78	17	23.5	34	M10	35x4	DT22
AUS150-12		78	17	23.5	34	M12		
AUS150-14		78	17	23.5	34	M14		
AUS150-16		78	17	23.5	34	M16		

Specifications for high-capacity lugs up to 150mm² conductor size.

Large Lug Dimensions

Type	Conductor (mm ²)	L (mm)	B (mm)	Die
AUS95-12	95	65	28	DT18
AUS120-12	120	70	32	DT20
AUS150-12	150	78	34	DT22