



Terminales de Aluminio

Aluminum Lugs



FUSSE

ACA	23
ACA2	23
ACA E	24
ACA FJ	24
ACB	25
AE	26
PE	26
GR	26

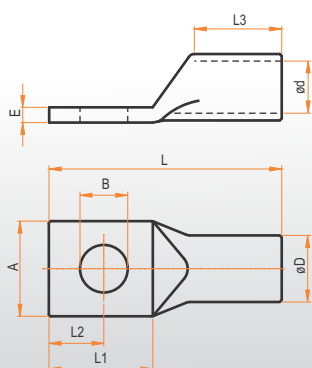


ALUMINUM LUGS

To indent or compress in aluminum conductors

Type: a hole and double indentation

ACA



! Note: Not recommended for use in copper conductors, in order to avoid galvanic couple.

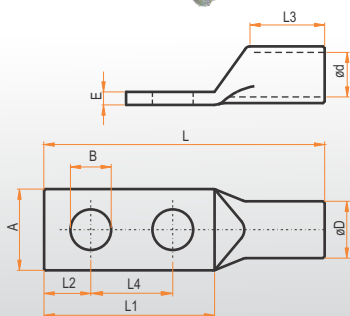


SECTION mm ²	DIMENSIONS											CODE
	A	B	B''	øD	ød	E	L	L1	L2	L3		
6	12,0	7,0	1/4	7,1	3,8	2,4	35,9	16,0	7,0	15,0	ACA 6	
10	13,0	7,0	1/4	7,5	4,5	2,3	35,7	16,0	7,0	15,0	ACA 10-1	
	16,0	8,3	5/16	8,5	4,5	2,7	43,3	17,7	8,6	20,0	ACA 10-2	
16	18,5	8,3	5/16	9,1	5,6	2,4	50,6	24,0	11,0	20,0	ACA 16	
25	21,5	8,3	5/16	11,0	6,9	2,6	59,0	29,5	14,5	20,0	ACA 25	
35	20,0	7,0	1/4	12,7	8,2	3,5	56,8	27,5	13,3	20,0	ACA 35-1	
	23,5	10,5	3/8	12,7	8,2	3,0	57,5	27,5	13,0	20,0	ACA 35-2	
50	24,0	10,5	3/8	15,0	9,8	4,0	70,0	25,3	12,5	33,0	ACA 50-1	
	27,0	14,0	1/2	15,0	9,8	3,4	80,0	34,0	16,0	33,0	ACA 50-2	
70	30,0	14,0	1/2	17,4	11,5	3,7	83,5	34,0	16,0	37,0	ACA 70-1	
	32,0	17,0	5/8	17,4	11,5	3,8	91,5	42,0	19,0	37,0	ACA 70-2	
95	32,0	14,0	1/2	19,4	13,5	4,3	88,5	34,0	16,0	38,0	ACA 95	
120	34,5	14,0	1/2	23,5	15,2	7,5	96,5	34,0	16,0	40,0	ACA 120	
150	38,0	17,0	5/8	25,4	16,5	7,7	109,0	42,0	19,0	47,0	ACA 150	
185	40,0	17,0	5/8	28,5	18,6	9,1	113,0	42,0	19,0	50,0	ACA 185	
240	45,0	17,0	5/8	31,7	20,8	10,0	121,0	42,0	19,0	56,0	ACA 240	
300	49,0	17,0	5/8	36,5	23,5	12,2	137,1	45,0	22,5	65,0	ACA 300	
400	57,0	17,0	5/8	42,0	27,5	13,0	155,1	45,0	22,5	80,0	ACA 400	
500	62,0	17,0	5/8	47,0	30,5	13,5	172,0	49,0	24,0	90,0	ACA 500	
630	64,0	17,0	5/8	50,0	36,0	14,0	182,0	49,0	24,0	100,0	ACA 630	
800	66,0	17,0	5/8	54,0	40,0	14,0	195,0	55,0	26,0	110,0	ACA 800	

Lugs to indent or compress into aluminum conductors LV and MV manufactured from aluminum pipe of proper section and appropriate minimum conductivity of 59% IACS, without inspection window, making it, on tight condition, a suitable product for using outdoors in an upright position.

Type: two holes and double indentation

ACA2



! Note: Not recommended for use in copper conductors, in order to avoid galvanic couple.



SECTION mm ²	DIMENSIONS											CODE
	A	B	B''	øD	ød	E	L	L1	L2	L3	L4	
70	30,0	14,0	1/2	17,4	11,5	5,5	128,5	79,0	16,0	37,0	45,0	ACA2 70
95	32,0	14,0	1/2	19,4	13,5	4,3	133,5	79,0	16,0	38,0	45,0	ACA2 95
120	34,5	14,0	1/2	23,8	15,2	7,9	141,5	79,0	16,0	40,0	45,0	ACA2 120
150	38,0	14,0	1/2	25,4	16,5	7,0	146,0	79,0	16,0	47,0	45,0	ACA2 150
185	40,0	14,0	1/2	28,5	18,6	9,2	150,0	79,0	16,0	50,0	45,0	ACA2 185
240	45,0	14,0	1/2	31,7	20,8	10,5	158,0	79,0	16,0	56,0	45,0	ACA2 240
300	49,0	14,0	1/2	36,5	23,5	12,0	169,0	79,0	16,0	65,0	45,0	ACA2 300
400	57,0	14,0	1/2	42,0	27,5	13,7	185,0	79,0	16,0	80,0	45,0	ACA2 400

Lugs to indent or compress into aluminum conductors LV and MV made from aluminum pipe of appropriate section and minimum conductivity of 59% IACS, without inspection window, making it, on condition of tight , a product suitable for use in the outdoors in an upright position. The double blade ensures better mounting hole in artifacts that required for their working conditions.

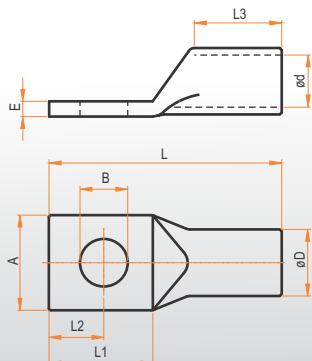
ALUMINUM LUGS

To indent or compress in aluminum conductors

Type: a hole and double indentation



ACA E



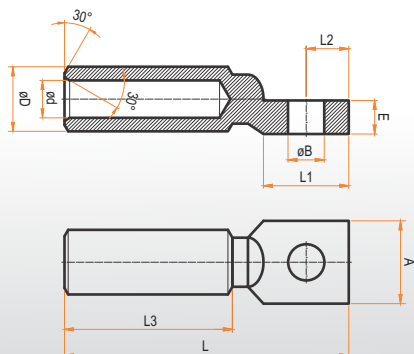
SECTION mm ²	DIMENSIONS											CODE
	A	B	B''	øD	ød	E	L	L1	L2	L3		
6	12,0	7,0	1/4	7,1	3,8	2,4	35,9	16,0	7,0	15,0	ACA 6E	
10	13,0	7,0	1/4	7,5	4,5	2,3	35,7	16,0	7,0	15,0	ACA 10-1E	
	16,0	8,3	5/16	8,5	4,5	2,7	43,3	17,7	8,6	20,0	ACA 10-2E	
16	18,5	8,3	5/16	9,1	5,6	2,4	50,6	24,0	11,0	20,0	ACA 16E	
25	21,5	8,3	5/16	11,0	6,9	2,6	59,0	29,5	14,5	20,0	ACA 25E	
35	20,0	7,0	1/4	12,7	8,2	3,5	56,8	27,5	13,3	20,0	ACA 35-1E	
	23,5	10,5	3/8	12,7	8,2	3,0	57,5	27,5	13,0	20,0	ACA 35-2E	
50	24,0	10,5	3/8	15,0	9,8	4,0	70,0	25,3	12,5	33,0	ACA 50-1E	
	27,0	14,0	1/2	15,0	9,8	3,4	80,0	34,0	16,0	33,0	ACA 50-2E	
70	30,0	14,0	1/2	17,4	11,5	3,7	83,5	34,0	16,0	37,0	ACA 70-1E	
	32,0	17,0	5/8	17,4	11,5	3,8	91,5	42,0	19,0	37,0	ACA 70-2E	
95	32,0	14,0	1/2	19,4	13,5	4,3	88,5	34,0	16,0	38,0	ACA 95E	
120	34,5	14,0	1/2	23,5	15,2	7,5	96,5	34,0	16,0	40,0	ACA 120E	
150	38,0	17,0	5/8	25,4	16,5	7,7	109,0	42,0	19,0	47,0	ACA 150E	
185	40,0	17,0	5/8	28,5	18,6	9,1	113,0	42,0	19,0	50,0	ACA 185E	
240	45,0	17,0	5/8	31,7	20,8	10,0	121,0	42,0	19,0	56,0	ACA 240E	
300	49,0	17,0	5/8	36,5	23,5	12,2	134,0	49,0	19,0	65,0	ACA 300E	
400	57,0	17,0	5/8	42,0	27,5	13,7	152,0	54,0	19,0	80,0	ACA 400E	
500	62,0	17,0	5/8	47,0	30,5	13,5	172,0	49,0	24,0	90,0	ACA 500E	
630	64,0	17,0	5/8	50,0	36,0	14,0	182,0	49,0	24,0	100,0	ACA 630E	
800	66,0	17,0	5/8	54,0	40,0	14,0	195,0	55,0	26,0	110,0	ACA 800E	

Aluminium lugs of aluminum have the same characteristics that the ACA. They have a surface coating applied by electroplating tin, making sure a minimum of 5 microns, thereby obtaining a good protection against corrosion and appropriate hardness for the barrel with minimal effort for an ideal compression.

FORGED



ACA FJ



SECTION mm ²	DIMENSIONS											CODE
	A	B	B''	øD	ød	E	L	L1	L2	L3		
16	32,0	14	1/2	20,0	5,5	8	90,0	33,0	16,5	48,0	ACA 16 FJ	
25	32,0	14	1/2	20,0	7,0	8	90,0	33,0	16,5	48,0	ACA 25 FJ	
35	32,0	14	1/2	20,0	8,2	8	90,0	33,0	16,5	48,0	ACA 35 FJ	
50	32,0	14	1/2	20,0	9,8	8	90,0	33,0	16,5	48,0	ACA 50FJ	
70	32,0	14	1/2	20,0	11,6	8	90,0	33,0	16,5	48,0	ACA 70 FJ	
95	32,0	14	1/2	20,0	13,0	8	90,0	33,0	16,5	48,0	ACA 95 FJ	
120	32,0	14	1/2	25,0	14,5	13	110,0	33,0	16,5	65,0	ACA 120 FJ	
150	32,0	14	1/2	25,0	16,5	13	110,0	33,0	16,5	65,0	ACA 150 FJ	
185	38,0	14	1/2	32,0	18,2	14	120,0	43,0	21,5	65,0	ACA 185 FJ	
240	38,0	14	1/2	32,0	21,0	14	120,0	43,0	21,5	65,0	ACA 240 FJ	
300	50,0	17	5/8	36,0	23,5	15	160,0	50,0	25,0	90,0	ACA 300 FJ	

Forged and tinned lugs to indent or compress into LV and MV aluminum conductors manufactured from unalloyed aluminum pipe of minimum conductivity of 59% IACS, without inspection window, making it, on condition of tight, a product suitable for use in the outdoors in an upright position.

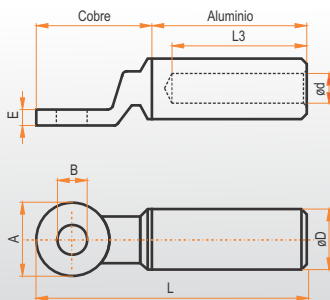
By being tinned, this allows lugs to be applied in aluminum as well as copper terminals. Manufacturing through forging process and its hardness ensures its appliance in devices under high levels of vibration.

BIMETALLIC LUGS

To join aluminum conductors with bars or copper terminals



ACB



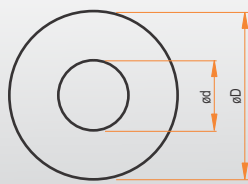
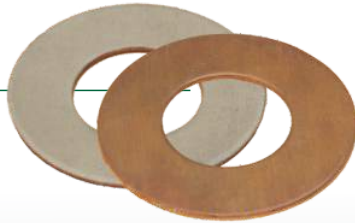
SECTION mm ²	DIMENSIONS								CODE
	A	B	B"	øD	ød	E	L	L3	
16	20,0	10,5	3/8	16,0	5,5	4,5	79,0	43,0	ACB 16
25	20,0	10,5	3/8	16,0	6,5	4,5	79,0	43,0	ACB 25
35	25,0	10,5	3/8	16,0	8,0	5,0	79,0	43,0	ACB 35
50	25,0	12,8	1/2	20,0	9,0	5,0	85,0	43,0	ACB 50
70	25,0	12,8	1/2	20,0	11,0	5,0	85,0	43,0	ACB 70
95	25,0	12,8	1/2	20,0	12,5	5,0	85,0	43,0	ACB 95
120	30,0	12,8	1/2	25,0	13,7	6,0	106,0	59,0	ACB 120
150	30,0	12,8	1/2	25,0	15,5	6,0	106,0	59,0	ACB 150
185	30,0	12,8	1/2	32,0	17,0	6,0	110,0	59,0	ACB 185
240	30,0	12,8	1/2	32,0	19,5	6,0	110,0	59,0	ACB 240
300	30,0	12,8	1/2	34,0	23,3	7,0	110,0	59,0	ACB 300
400	37,0	16,5	5/8	40,0	26,5	7,0	162,0	93,0	ACB 400

The barrel is made from aluminum bar of appropriate section and minimal conductivity of 59% IACS, no inspection window, making it, for its condition of tightness, a product suitable for using in the outdoors in vertical position.

At the same time, the copper, of appropriate section and minimum conductivity of 98% IACS, is fused to the aluminum barrel so that both metals have the best conductivity possible to avoid corrosion among each other.

Bimetallic Washers

AE

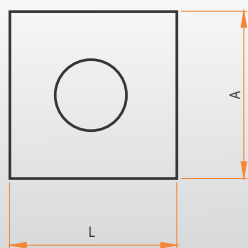
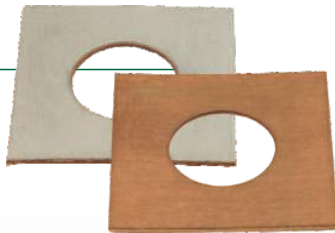


DIMENSIONS		FOR SCREW		CODE
øD	ød	W	M	
13,0	3,5	1/8	3	AE 0350
14,5	4,4	5/32	4	AE 0440
16,0	5,3	3/16	5	AE 0530
18,0	7,0	1/4	6	AE 0700
20,0	8,8	5/16	8	AE 0880
24,1	10,5	3/8	10	AE 1050
28,0	12,2	7/16	11	AE 1220
32,0	13,9	1/2	13	AE 1390
35,0	17,3	5/8	16	AE 1730
45,0	20,0	3/4	19	AE 2000

Washers made from bimetal strip used in connections between aluminum terminals and copper bars.

Bimetallic Platelets

PE



DIMENSIONS		FOR SCREW		CODE
L	A	W	M	
17	17	5/16	8	PE 1025
23	23	3/8	10	PE 3550
30	30	1/2	13	PE 70120
35	35	5/8	16	PE 15085
45	45	5/8	16	PE 24300
U/Request	70	NO HOLE		PE 1000170

Platelets manufactured from bimetal strip to use in connections between aluminum terminals and copper bars.

Antioxidant Fat Insugras

GR



WEIGHT Grams	CODE
200	GR 200G
500	GR 500G

Inhibiting compound to be used in electrical connections between Aluminum – Aluminum or Copper-Copper. Must be placed prior to compression, hence the surfaces of application must be clean. This compound prevents rust and insulates humidity from those possible air bubbles generated in the compression. Its working temperature is -15 ° C and 180 ° C.