

MELEC

Make Cable Connections
More Reliable



Directed by a group of experienced professionals and certified by ISO 9001:2015 Quality Management Systems, most of our products have met IEC, NFC and EN International Standard.

Cable Lugs PRODUCTS CATALOGUE



Pergudangan 88 Blok C-35, Jalan Pabean 35, Sedati - Sidoarjo



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0822-3322-7778 ; 0822-3322-7779



031-99683100

AUS, CABLE LUG

Application:

Used for connection of copper cable with copper end of electrical equipment in medium voltage.

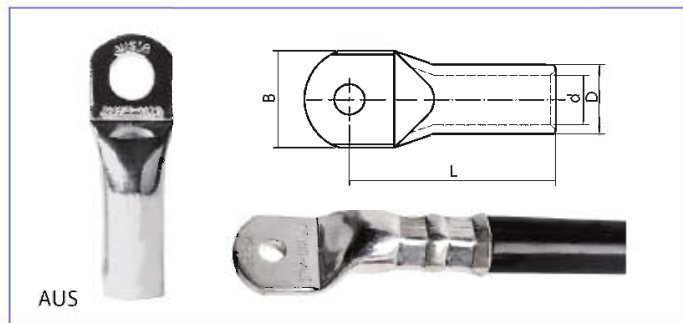
Material: Cu ≥ 99.9%

Surface: tin plated

Feature:

- Clear markings on barrel to indicate correct crimping location, together with DIN standard crimping die.

Standard: DIN 46235



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	DT5
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		
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		

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		
AUS185-10	185	82	19	25.5	37	M10	30x4	DT25
AUS185-12		82	19	25.5	37	M12		
AUS185-14		82	19	25.5	37	M14		
AUS185-16		82	19	25.5	37	M16		
AUS185-20		82	19	25.5	40	M20		
AUS240-12	240	92	21.5	29	42	M12	20x4	DT28
AUS240-14		92	21.5	29	42	M14		
AUS240-16		92	21.5	29	42	M16		
AUS240-20		92	21.5	29	45	M20		
AUS300-12	300	100	24.5	32	48	M12	16x4	DT32
AUS300-14		100	24.5	32	48	M14		
AUS300-16		100	24.5	32	48	M16		
AUS400-16	400	115	27.5	38.5	55	M16	8x4	DT38
AUS400-20		115	27.5	38.5	55	M20		
AUS500-14	500	125	31	42	60	M14	7x4	DT42
AUS500-16		125	31	42	60	M16		
AUS630-16	630	135	34.5	44	64	M16	7x4	DT44
AUS630-20		135	34.5	44	64	M20		
AUS800-20	800	165	40	52	75	M20	7x4	DT52

GERMANY NORM

Make Cable CONNECTIONS More Reliable

JM(JGK), CABLE LUG

Application:

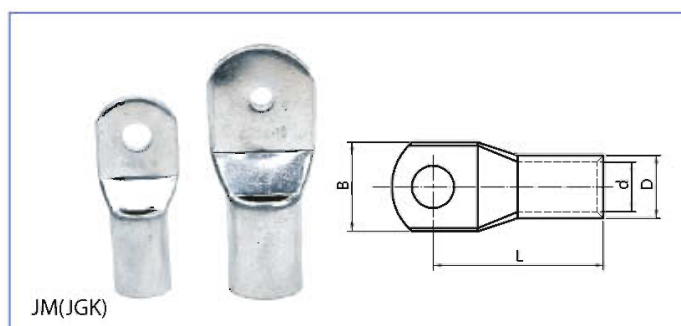
Used for connection of copper cable with copper end of electrical equipment in low voltage.

Material: Cu ≥ 99.9%

Surface: tin plated

Feature:

- There is an arc-shaped viewing window on bevel for checking the location of conductor.



Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Tool/Die
		L(mm)	d(mm)	D(mm)	B(mm)			
JM(JGK)1.5-4	1.5	14	1.9	3.1	7.5	M4	2000x12	JM-16
JM(JGK)1.5-5		14	1.9	3.1	8	M5		
JM(JGK)1.5-6		13	1.9	3.35	9	M6		
JM(JGK)2.5-4	2.5	15	2.8	4	8	M4	2000x12	JM-16
JM(JGK)2.5-5		15.5	2.8	4	8	M5		
JM(JGK)2.5-6		15.5	2.6	4	9	M6		
JM(JGK)4-4	4	16	3.2	4.5	8	M4	1500x12	JM-16
JM(JGK)4-5		16.5	3.2	4.5	8	M5		
JM(JGK)4-6		17	3.2	4.5	9.3	M6		
JM(JGK)6-4	6	17.5	3.7	5.1	9.2	M4	1000x12	JM-16
JM(JGK)6-5		17.5	3.7	5.1	9.2	M5		
JM(JGK)6-6		18	3.7	5.1	9.8	M6		
JM(JGK)6-8		18	3.7	5.3	12	M8		
JM(JGK)6-10		17.5	3.7	5.3	12.8	M10		
JM(JGK)10-5	10	19	4.5	6.1	10.3	M5	800x12	JM-16
JM(JGK)10-6		19	4.5	6.1	10.3	M6		
JM(JGK)10-8		19	4.5	6.1	12	M8		
JM(JGK)10-10		20	4.5	6.3	13.2	M10		
JM(JGK)16-6	16	22	5.7	7.3	11	M6	500x12	JM-16/MT16
JM(JGK)16-8		23	5.7	7.3	12.5	M8		
JM(JGK)16-10		23	5.7	7.5	14	M10		
JM(JGK)25-6	25	26	7.2	9	13.1	M6	300x12	MT25
JM(JGK)25-8		26.5	7.2	9	13.1	M8		
JM(JGK)25-10		26.5	7.2	9	14.5	M10		
JM(JGK)25-12		28.5	7.2	9	16.5	M12		
JM(JGK)35-6	35	28	8.5	10.8	15.8	M6	600x4	MT35
JM(JGK)35-8		29	8.5	10.8	15.8	M8		
JM(JGK)35-10		30	8.5	10.8	15.8	M10		
JM(JGK)35-12		29.5	8.5	10.8	17.4	M12		

JM(JGK), CABLE LUG

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Tool/Die
		L(mm)	d(mm)	D(mm)	B(mm)			
JM(JGK)50-6	50	32	9.8	12.5	18.1	M6	350x4	MT50
JM(JGK)50-8		33.5	9.8	12.5	18.1	M8		
JM(JGK)50-10		35	9.8	12.5	18.1	M10		
JM(JGK)50-12		35	9.8	12.5	18.3	M12		
JM(JGK)50-14		35	9.8	12.5	18.3	M14		
JM(JGK)70-6	70	38	11.5	14.5	21	M6	250x4	MT70
JM(JGK)70-8		38	11.5	14.5	21	M8		
JM(JGK)70-10		39.5	11.5	14.5	21	M10		
JM(JGK)70-12		39.5	11.5	14.5	21	M12		
JM(JGK)70-14		39.5	11.5	14.5	21	M14		
JM(JGK)70-16		38	11.5	14.5	23	M16		
JM(JGK)95-8	95	45	13.7	17	24.8	M8	150x4	MT95
JM(JGK)95-10		44	13.7	17	24.8	M10		
JM(JGK)95-12		44	13.7	17	24.8	M12		
JM(JGK)95-14		45	13.7	17	24.8	M14		
JM(JGK)95-16		44.5	13.7	17	26	M16		
JM(JGK)120-8	120	48	15	19	27.5	M8	100x4	MT120
JM(JGK)120-10		48	15	19	27.5	M10		
JM(JGK)120-12		49	15	19	27.5	M12		
JM(JGK)120-14		49	15	19	27.5	M14		
JM(JGK)120-16		50	15	19	27.5	M16		
JM(JGK)120-20		51.5	15	19	32	M20		
JM(JGK)150-8	150	56	16.7	21	30	M8	80x4	MT150
JM(JGK)150-10		56	16.7	21	30	M10		
JM(JGK)150-12		56	16.7	21	30	M12		
JM(JGK)150-14		56	16.7	21	30	M14		
JM(JGK)150-16		56	16.7	21	30	M16		
JM(JGK)150-20		57	16.7	21	30	M20		
JM(JGK)185-10	185	61	19.2	23.5	34	M10	60x4	MT185
JM(JGK)185-12		60.5	19.2	23.5	34	M12		
JM(JGK)185-14		61	19.2	23.5	34	M14		
JM(JGK)185-16		62	19.2	23.5	34	M16		
JM(JGK)185-18		61.5	19.2	23.5	34	M18		
JM(JGK)185-20		63	19.2	23.5	34	M20		

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Tool/Die
		L(mm)	d(mm)	D(mm)	B(mm)			
JM(JGK)240-10	240	71	21	26	37.4	M10	40x4	MT240
JM(JGK)240-12		71	21	26	37.4	M12		
JM(JGK)240-14		71.5	21	26	37.4	M14		
JM(JGK)240-16		72.5	21	26	37.4	M16		
JM(JGK)240-20		73.5	21	26	37.4	M20		
JM(JGK)300-10	300	79	24	30	43.2	M10	25x4	MT300
JM(JGK)300-12		78.5	24	30	43.2	M12		
JM(JGK)300-16		78.5	24	30	43.2	M16		
JM(JGK)300-20		80.5	24	30	43.2	M20		
JM(JGK)300-22		80.5	24	30	43.2	M22		
JM(JGK)400-10	400	87.5	27	34	49	M10	18x4	MT400
JM(JGK)400-12		87.5	27	34	49	M12		
JM(JGK)400-16		86.5	27	34	49	M16		
JM(JGK)400-18		89	27	34	49	M18		
JM(JGK)400-20		88.5	27	34	49	M20		
JM(JGK)500-12	500	96.5	30	38	55	M12	12x4	MT500
JM(JGK)500-16		96.5	30	38	55	M16		
JM(JGK)500-20		96.5	30	38	55	M20		
JM(JGK)630-12	630	109	35	44	64	M12	8x4	MT630
JM(JGK)630-14		109	35	44	64	M14		
JM(JGK)630-16		109	35	44	64	M16		
JM(JGK)630-20		109	35	44	64	M20		
JM(JGK)630-22		109	35	44	64	M22		
JM(JGK)630-10/4		91	35	44	64	4xM10		
JM(JGK)800	800	-	39	50	71.5	-	5x4	MT800
JM(JGK)800-16		134	39	50	71.5	M16		
JM(JGK)800-20		134	39	50	71.5	M20		
JM(JGK)800-22		134	39	50	71.5	M22		
JM(JGK)1000	1000	-	44	56	81	-	3x4	MT1000
JM(JGK)1000-20		160	44	56	81	M20	4x4	

MELEC NORM

Make Cable CONNECTIONS More Reliable

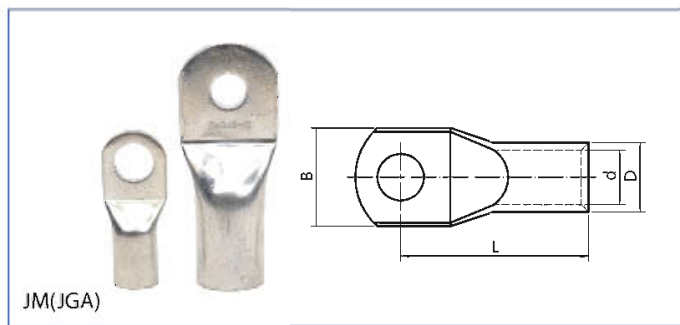
JM(JGA), CABLE LUG

Application:

Used for connection of copper cable with copper end of electrical equipment in low voltage.

Material: Cu ≥ 99.9%

Surface: tin plated



MELEC NORM

Make Cable CONNECTIONS More Reliable

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Tool/Die
		L(mm)	d(mm)	D(mm)	B(mm)			
JM(JGA)4-4	4	17	3.2	4.5	8	M4	1500x12	JM-16
JM(JGA)4-5		17.5	3.2	4.5	8	M5		
JM(JGA)4-6		18	3.2	4.5	9.3	M6		
JM(JGA)6-5	6	20.5	3.7	5.1	9.2	M5	1000x12	JM-16
JM(JGA)6-6		20	3.7	5.1	9.8	M6		
JM(JGA)6-8		19	3.7	5.3	12	M8		
JM(JGA)10-5	10	20	4.5	6.1	10.3	M5	800x12	JM-16
JM(JGA)10-6		20	4.5	6.1	10.3	M6		
JM(JGA)10-8		20	4.5	6.1	12	M8		
JM(JGA)10-10		21.5	4.5	6.3	13.2	M10		
JM(JGA)16-6	16	23	5.7	7.3	11	M6	500x12	JM-16/MT16
JM(JGA)16-8		24	5.7	7.3	12.5	M8		
JM(JGA)16-10		24	5.7	7.5	14	M10		
JM(JGA)25-6	25	28.5	7.2	9	13.1	M6	300x12	MT25
JM(JGA)25-8		28.5	7.2	9	13.1	M8		
JM(JGA)25-10		27.5	7.2	9	14.5	M10		
JM(JGA)25-12		29.5	7.2	9	16.5	M12		
JM(JGA)35-6	35	30	8.5	10.8	15.8	M6	600x4	MT35
JM(JGA)35-8		30	8.5	10.8	15.8	M8		
JM(JGA)35-10		31	8.5	10.8	15.8	M10		
JM(JGA)35-12		30	8.5	10.8	17.4	M12		
JM(JGA)50-6	50	34.5	9.8	12.5	18.1	M6	350x4	MT50
JM(JGA)50-8		36	9.8	12.5	18.1	M8		
JM(JGA)50-10		36	9.8	12.5	18.1	M10		
JM(JGA)50-12		36	9.8	12.5	18.3	M12		
JM(JGA)70-8	70	39.5	11.5	14.5	21	M8	250x4	MT70
JM(JGA)70-10		41	11.5	14.5	21	M10		
JM(JGA)70-12		41	11.5	14.5	21	M12		
JM(JGA)95-8	95	47	13.7	17	24.8	M8	150x4	MT95
JM(JGA)95-10		45.5	13.7	17	24.8	M10		
JM(JGA)95-12		45.5	13.7	17	24.8	M12		
JM(JGA)95-14		47	13.7	17	24.8	M14		

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Tool/Die
		L(mm)	d(mm)	D(mm)	B(mm)			
JM(JGA)120-10	120	50	15	19	27.5	M10	100x4	MT120
JM(JGA)120-12		51.5	15	19	27.5	M12		
JM(JGA)120-14		51.5	15	19	27.5	M14		
JM(JGA)120-16		53	15	19	27.5	M16		
JM(JGA)150-10	150	58	16.7	21	30	M10	80x4	MT150
JM(JGA)150-12		58	16.7	21	30	M12		
JM(JGA)150-14		58	16.7	21	30	M14		
JM(JGA)150-16		58	16.7	21	30	M16		
JM(JGA)185-10	185	64	19.2	23.5	34	M10	60x4	MT185
JM(JGA)185-12		63.5	19.2	23.5	34	M12		
JM(JGA)185-14		63.5	19.2	23.5	34	M14		
JM(JGA)185-16		63	19.2	23.5	34	M16		
JM(JGA)185-20		65.5	19.2	23.5	34	M20		
JM(JGA)240-10	240	74	21	26	37.4	M10	40x4	MT240
JM(JGA)240-12		74	21	26	37.4	M12		
JM(JGA)240-14		74	21	26	37.4	M14		
JM(JGA)240-16		74	21	26	37.4	M16		
JM(JGA)240-20		76	21	26	37.4	M20		
JM(JGA)300-12	300	80.5	24	30	43.2	M12	25x4	MT300
JM(JGA)300-14		82.5	24	30	43.2	M14		
JM(JGA)300-16		80.5	24	30	43.2	M16		
JM(JGA)300-20		83.5	24	30	43.2	M20		
JM(JGA)400-12	400	89.5	27	34	49	M12	18x4	MT400
JM(JGA)400-16		89.5	27	34	49	M16		
JM(JGA)400-20		91.5	27	34	49	M20		
JM(JGA)500-12	500	100.5	30	38	55	M12	12x4	MT500
JM(JGA)500-16		100.5	30	38	55	M16		
JM(JGA)500-20		100.5	30	38	55	M20		
JM(JGA)630-8/4	630	96	35	44	64	4xM8	8x4	MT630
JM(JGA)630-10/4		96	35	44	64	4xM10		
JM(JGA)630-12/4		96	35	44	64	4xM12		
JM(JGA)630-16		114	35	44	64	M16		
JM(JGA)630-20		114	35	44	64	M20		

MELEC NORM

Make Cable CONNECTIONS More Reliable

CAL-BS, BIMETAL LUG

Application:

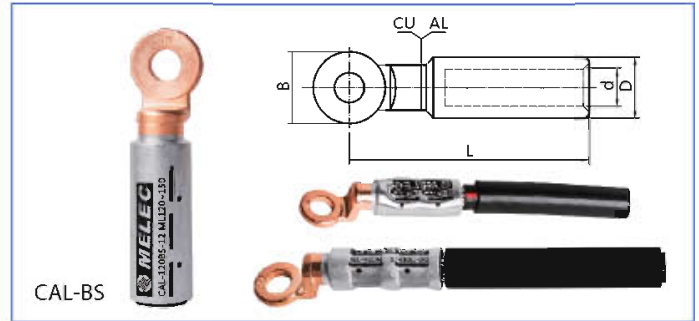
Used for transition connection of aluminium cable or aluminium alloy cable with copper end of electrical equipment in medium voltage.

Material: Al ≥ 99.5%, Cu ≥ 99.9%

Feature:

- Oil blocking structure
- Friction welded
- Clear markings on barrel to indicate correct crimping location, together with Melec standard crimping die.
- Prefilled with jointing compound.

Standard: IEC 61238-1:2003



Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die	
		L(mm)	d(mm)	D(mm)	B(mm)			Hex	Indent
CAL-10BS-8	10	69	4.5	16	20	M8	60x8	ML10~35	MLKA10~35
CAL-10BS-10		69	4.5	16	20	M10			
CAL-16BS-8	16	69	5.6	16	20	M8	60x8	ML10~35	MLKA10~35
CAL-16BS-10		69	5.6	16	20	M10			
CAL-25BS-8	25	69	6.4	16	20	M8	60x8	ML10~35	MLKA10~35
CAL-25BS-10		69	6.4	16	20	M10			
CAL-35BS-8	35	69	8.0	16	20	M8	60x8	ML10~35	MLKA10~35
CAL-35BS-10		69	8.0	16	20	M10			
CAL-50BS-10	50	76	9.0	20	24	M10	35x8	ML50~95	MLKA50~95
CAL-50BS-12		76	9.0	20	24	M12			
CAL-50BS-16		76	9.0	20	24	M16			
CAL-70BS-10	70	76	10.9	20	24	M10	35x8	ML50~95	MLKA50~95
CAL-70BS-12		76	10.9	20	24	M12			
CAL-95BS-8	95	76	12.4	20	24	M8	35x8	ML50~95	MLKA50~95
CAL-95BS-10		76	12.4	20	24	M10			
CAL-95BS-12		76	12.4	20	24	M12			
CAL-95BS-16		76	12.4	20	24	M16			
CAL-120BS-10	120	95	13.7	25	30	M10	40x4	ML120~150	MLKA120~150
CAL-120BS-12		95	13.7	25	30	M12			
CAL-120BS-16		95	13.7	25	30	M16			
CAL-150BS-10	150	95	15.5	25	30	M10	40x4	ML120~150	MLKA120~150
CAL-150BS-12		95	15.5	25	30	M12			
CAL-150BS-14		95	15.5	25	30	M14			
CAL-150BS-16		95	15.5	25	30	M16			
CAL-150BS-18		95	15.5	25	30	M18			

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die	
		L(mm)	d(mm)	D(mm)	B(mm)			Hex	Indent
CAL-185BS-12	185	99.5	17	32	35	M12	25x4	ML185~240	MLKA185~240
CAL-185BS-14		99.5	17	32	35	M14			
CAL-185BS-16		99.5	17	32	35	M16			
CAL-240BS-10	240	99.5	19.5	32	35	M10	25x4	ML185~240	MLKA185~240
CAL-240BS-12		99.5	19.5	32	35	M12			
CAL-240BS-14		99.5	19.5	32	35	M14			
CAL-240BS-16		99.5	19.5	32	35	M16			
CAL-240BS-20		99.5	19.5	32	35	M20			
CAL-300BS-10	300	137.5	23.2	40	36	M10	12x4	ML300~400	MLKA300~400
CAL-300BS-12		137.5	23.2	40	36	M12			
CAL-300BS-14		137.5	23.2	40	36	M14			
CAL-300BS-16		137.5	23.2	40	36	M16			
CAL-400BS-12	400	137.5	26	40	36	M12	12x4	ML300~400	MLKA300~400
CAL-400BS-14		137.5	26	40	36	M14			
CAL-400BS-16		137.5	26	40	36	M16			
CAL-500BS-12	500	163	29.1	47	60	M12	4x4	ML500~630	MLKA500~630
CAL-500BS-16		163	29.1	47	60	M16			
CAL-500BS-20		163	29.1	47	60	M20			
CAL-630BS	630	-	32.5	47	60x60	-	4x4	ML500~630	MLKA500~630
CAL-630BS-12		163	32.5	47	60x60	M12			
CAL-630BS-16		163	32.5	47	60x60	M16			
CAL-630BS-20		163	32.5	47	60x60	M20			
CAL-800BS	800	-	37.8	60	80x80	-	2x4	ML800~1000	-
CAL-800BS-16		220	37.8	60	80x80	M16			
CAL-800BS-20		220	37.8	60	80x80	M20			
CAL-1000BS-16	1000	220	42	60	80x80	M16	2x4	ML800~1000	-
CAL-1000BS-20		220	42	60	80x80	M20			

CALB-N, BIMETAL LUG

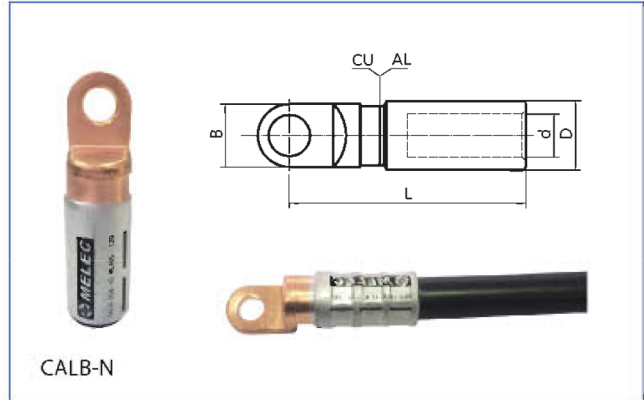
Application:

Used for transition connection of aluminium cable or aluminium alloy cable with copper end of electrical equipment in low voltage.

Material: Al \geq 99.5%, Cu \geq 99.9%

Feature:

- Oil blocking structure
 - Friction welded
 - Narrow palm design, especially suitable for equipment with narrow contact area or space such as connections of MCCB and motors.
 - Clear markings on barrel to indicate correct crimping location, together with Melec standard crimping die.
 - Prefilled with jointing compound.
- Standard: IEC 61238-1:2003



CALB-N



Type	Conductor Size (mm ²)	Dimensions				Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)		
CALB-10N-8	10	54	4.5	12.5	14	120X8	MLA10~35
CALB-16N-8	16	54	5.5	12.5	14	120X8	MLA10~35
CALB-25N-8	25	54	7	12.5	14	120X8	MLA10~35
CALB-35N-8	35	54	8	12.5	14	120X8	MLA10~35
CALB-50N-8	50	59	9	15	16	60X8	MLA 50
CALB-50N-10		59	9	15	16		
CALB-70N-8	70	59	11	17.5	16	60X8	MLA 70
CALB-70N-10		59	11	17.5	16		
CALB-95N-10	95	65	12.5	21	20	80X8	MLA95~120
CALB-95N-12		65	12.5	21	20		
CALB-120N-10	120	65	13.7	21	20	80x4	MLA95~120
CALB-120N-12		65	13.7	21	20		
CALB-150N-10	150	75.5	15.5	28	25	40x4	MLA150~240
CALB-150N-12		75.5	15.5	28	25		
CALB-185N-10	185	75.5	17	28	25	40x4	MLA150~240
CALB-185N-12		75.5	17	28	25		
CALB-240N-10	240	75.5	19.5	28	25	40x4	MLA150~240
CALB-240N-12		75.5	19.5	28	25		
CALB-300N-12	300	94	22	32	30	25x4	MLA 300
CALB-300N-16		92	22	32	30		
CALB-400N-12	400	100	25.1	36	30	20x4	MLA 400
CALB-400N-16		98	25.1	36	30		

GLM, ALUMINIUM CONNECTOR

Application:

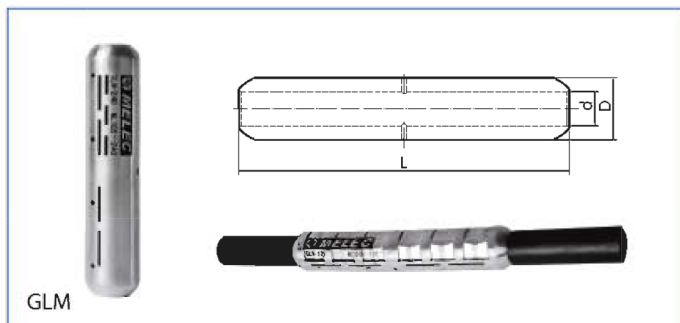
Used for intermediate connection of aluminium cable, aluminium alloy cable in medium voltage.

Material: Al \geq 99.5%

Feature:

- Clear markings on barrel to indicate correct crimping location, together with Melec standard crimping die.
- Prefilled with jointing compound.

Standard: IEC 61238-1:2003



Type	Conductor Size (mm ²)	Dimensions			Pack(pcs)	Crimping Die	
		L(mm)	d(mm)	D(mm)		Hex	Indent
GLM-16	16	90.5	5.6	16	60x8	ML10~35	MLKC10~35
GLM-25	25	90.5	6.5	16	60x8	ML10~35	MLKC10~35
GLM-35	35	90.5	8	16	60x8	ML10~35	MLKC10~35
GLM-50	50	106.5	9	20	40x8	ML50~95	MLKC50~95
GLM-70	70	106.5	11	20	40x8	ML50~95	MLKC50~95
GLM-95	95	106.5	12.5	20	40x8	ML50~95	MLKC50~95
GLM-120	120	133	13.7	25	40x4	ML120~150	MLKC120~150
GLM-150	150	133	15.5	25	40x4	ML120~150	MLKC120~150
GLM-185	185	143.5	17	32	16x4	ML185~240	MLKC185~240
GLM-240	240	143.5	19.5	32	16x4	ML185~240	MLKC185~240
GLM-300	300	218	23.3	40	8x4	ML300~400	MLKC300~400
GLM-400	400	218	26	40	8x4	ML300~400	MLKC300~400
GLM-500	500	218.5	29.1	47	8x4	ML500~630	MLKC500~630
GLM-630	630	218.5	32.5	47	6x4	ML500~630	MLKC500~630

AUL, MECHANICAL ALUMINIUM LUG

Application:

Used for connection of copper cable, aluminium cable or aluminium alloy cable with aluminium end of electrical equipment in medium voltage.

Material:

Body: high strength aluminum alloy

Bolts: brass or aluminum alloy

Surface: tin plated

Feature:

- No needs of crimping tools but only a socket spanner or a wrench.
- Torque controlled shear head bolts won't cause any damage to conductor, and make lugs' working performance more stable.
- Wide application range
- Prefilled with jointing compound.

Standard: IEC 61238-1:2003



AUL

Type	Conductor Size (mm ²)	Outer Diameter (mm)	Number of Bolts	Shear-off Torque (Nm)	Wrench Size	Pack (pcs)
AUL25-95-12/1	25-95	24	1	17	13	40x4
AUL25-95-16/1		24	1	17	13	40x4
AUL35-150-12/1	35-150	28	1	31	17	30x4
AUL35-150-16/1		28	1	31	17	30x4
AUL35-150-12/2		28	2	31	17	20x4
AUL35-150-16/2		28	2	31	17	20x4
AUL70-240-12/2	70-240	33	2	36	19	12x4
AUL70-240-16/2		33	2	36	19	12x4
AUL120-300-12/2	120-300	38	2	40	22	9x4
AUL120-300-16/2		38	2	40	22	9x4
AUL185-400-12/2	185-400	42	2	56	22	7x4
AUL185-400-16/2		42	2	56	22	7x4
AUL185-400-12/3		42	3	43	22	7x4
AUL185-400-16/3		42	3	43	22	7x4
AUL500-630-12/3	500-630	52	3	56	24	4x4
AUL500-630-16/3		52	3	56	24	4x4
AUL500-630-20/3		52	3	56	24	4x4

Note: 1) Lugs with aluminium bolts are also available. Please consult MELEC sales for more details.

2) Shear-off torque is only a reference during installation.

GLL, MECHANICAL ALUMINIUM CONNECTOR

Application:

Used for intermediate connection of copper cable, aluminium cable and aluminium alloy cable in medium voltage.

Material:

Body: high strength aluminum alloy

Bolts: brass or aluminum alloy

Surface: tin plated

Feature:

- Centre with block.
- No needs of crimping tools but only a socket spanner or a wrench.
- Torque controlled shear head bolts won't cause any damage to conductor, and make connectors' working performance more stable.
- Wide application range
- Prefilled with jointing compound.

Standard: IEC 61238-1:2003



Type	Conductor Size (mm ²)	Outer Diameter (mm)	Number of Bolts	Shear-off Torque (Nm)	Wrench Size	Pack(pcs)
GLL10-35/2	10-35	19	2	8	9	60x4
GLL25-95/2	25-95	24	2	17	13	40x4
GLL35-150/2	35-150	28	2	31	17	35x4
GLL35-150/4	35-150	28	4	31	17	20x4
GLL70-240/4	70-240	33	4	36	19	15x4
GLL120-300/4	120-300	38	4	40	22	10x4
GLL185-400/4	185-400	42	4	56	22	9x4
GLL185-400/6	185-400	42	6	43	22	7x4
GLL500-630/6	500-630	52	6	56	24	4x4

Note: 1) Connectors with aluminium bolts are also available. Please consult MELEC sales for more details.

2) Shear-off torque is only a reference during installation.

JM-240B, HYDRAULIC CRIMPING TOOL

- Crimping tool for both copper and aluminum lugs and connectors.
- Selectable crimping die set for a range of lug and connector size.
- Choose appropriate die set according to table.
- Safety valve protects against over pressure.

Output: 100kN
 Stroke: 16mm
 Length: 495mm
 Weight: 4.5kg
 Package List:

- crimping tool
- die set
- plastic carry case



Type	Crimping Shape	Conductor	Crimping Range (mm ²)	Application	Die series
JM-240B		Copper	16 - 240	JGK	MT
			16 - 240	JGY	
			16 - 240	JGA	
			16 - 240	JGB	
			16 - 240	GTY-2	DT
			16 - 240	AUS	
			16 - 240	GTD	
			16 - 240	GTL(Cu)	
			10 - 240	GTLD(Cu)	MTA
		10-185	TM	ML	
		10-240	CAL-BS		
		10-240	GLM		
		16-240	CXAU(Al)		
		16-240	RJ-XA		
		25-240	GTL(AL)		
		70-240	RJ-XAU(Al)		DL
		16-240	AU		
		16-240	GLI		
		16-240	CAL-BG		
		16-240	ATL		
		16-240	GTLZD(Al)	MLA	
		10-240	GTLD(Al)		
		10-300	MCCB		
10-300	CALB-N				
10-120	GTLZ	E			
10-120	GTLP				
4-150	CPTAU,MJPB, MJPT,MJPTN				