



# Cembre

161105 E

## COPPER LUGS SHORT BARREL A-M & A-L SERIES



### GENERAL INFORMATION

- UL listed per 486 A up to 35 kV (File nr. E125401).
- The lugs are for use with Cu wire.
- The lugs are manufactured from electrolytic copper tube, annealed to guarantee optimum ductility and electrolytically tin plated to avoid oxidation.
- The tongue is clearly marked with wire size and stud hole dimension.

### INSTALLATION INSTRUCTIONS

- 1) Select proper lug for the Cu wire size used.
- 2) Strip the cable insulation for a length equal to that of the terminal barrel.
- 3) Insert conductor into the barrel.
- 4) Select the proper die as indicated in the table.
- 5) Apply the proper # of crimps, as indicated in the same table.

**Cembre** — [www.cembre.com](http://www.cembre.com)

**Cembre S.p.A.**  
Via Serenissima, 9  
25135 Brescia (Italia)  
Telefono: 030 36921  
Telefax: 030 3365766  
E-mail: [sales@cembre.com](mailto:sales@cembre.com)  
[www.cembre.it](http://www.cembre.it)

**Cembre Ltd.**  
Dunton Park  
Kingsbury Road, Curdworth - Sutton Coldfield  
West Midlands B76 9EB (Great Britain)  
Tel.: 01675 470440 - Fax: 01675 470220  
E-mail: [sales@cembre.co.uk](mailto:sales@cembre.co.uk)  
[www.cembre.co.uk](http://www.cembre.co.uk)

**Cembre S.a.r.l.**  
22 Avenue Ferdinand de Lesseps  
91420 Morangis (France)  
Tél.: 01 60 49 11 90 - Fax: 01 60 49 29 10  
CS 92014 - 91423 Morangis Cédex  
E-mail: [info@cembre.fr](mailto:info@cembre.fr)  
[www.cembre.fr](http://www.cembre.fr)

**Cembre España S.L.**  
Calle Verano, 6 y 8 - Pl. Las Monjas  
28850 Torrejón de Ardoz - Madrid (España)  
Telefono: 91 4852580  
Telefax: 91 4852581  
E-mail: [comercial@cembre.es](mailto:comercial@cembre.es)  
[www.cembre.es](http://www.cembre.es)

**Cembre GmbH**  
Heidemannstraße 166  
80939 München (Deutschland)  
Telefon: 089 3580676  
Telefax: 089 3580677  
E-mail: [sales@cembre.de](mailto:sales@cembre.de)  
[www.cembre.de](http://www.cembre.de)

**Cembre Inc.**  
Raritan Center Business Park  
181 Fieldcrest Avenue  
Edison, New Jersey 08837 (USA)  
Tel.: 732 225-7415 - Fax: 732 225-7414  
E-mail: [Sales.US@cembreinc.com](mailto:Sales.US@cembreinc.com)  
[www.cembreinc.com](http://www.cembreinc.com)



SIZES	CONDUCTOR RANGE			INSTALLATION TOOLING (# of crimps)				
				50 kN	120 - 130 kN		230 kN	520 kN
				6 sh tons (*)	13.5 - 14.6 sh tons (Δ)		25.8 sh tons	58.4 sh tons
LUGS	[AWG] [MCM]	low str	fine str	DIE SET	NEST + INTENDOR	DIE SET	ECW-H3D	RHU520
		[mm <sup>2</sup> ]					DIE SET	DIE SET
A1	12-10 AWG	4 - 6		ME1-50 (1)	-	-	AU230-130D ADAPTER + 130 kN dies	AU520-130C ADAPTER + 130 kN dies
A2	8 AWG	10		ME2-50 (1)	MA2-C+PA10-C (1)	ME2-C (1)		
A3	6 AWG	16		ME3-50 (1)	MA3-C+PA10-C (1)	ME3-C (1)		
A5	4 AWG	25		ME5-50 (1)	MA5-C+PA10-C (1)	ME5-C (1)		
A7	2 AWG	35	25-35	ME7-50 (1)	MA7-C+PA10-C (1)	ME7-C (1)		
A10	2-1/0 AWG	50	35-50	ME10-50 (2)	MA10-C+PA10-C (1)	ME10-C (1)		
A14	1/0-2/0 AWG	70	50-70	ME14-50 (2)	MA14-C+PA24-C (1)	ME14-C (1)		
A19	2/0-3/0 AWG	95	70-95	ME19-50 (2)	MA19-C+PA24-C (1)	ME19-C (1)		
A24	3/0-250 AWG	120	95-120	ME24-50 (2)	MA24-C+PA24-C (1)	ME24-C (1)		
A30	250-300 MCM	150	120-150	ME30-50 (3)	MA30-C+PA48-C (1)	ME30-C (1)		
A37	300-350 MCM	185	150-185	ME37-50 (3)	MA37-C+PA48-C (1)	ME37-C (1)		
A48	350-500 MCM	240	185-240	ME48-50 (3)	MA48-C+PA48-C (1)	ME48-C (2)		
A60	500-600 MCM	300	240-300	-	MA60-C+PA60-C (1)	ME60-C (3)		
A80	600-800 MCM	400	300-400	-	-	ME80-C (3)	ME80-3D (2)	ME80-520 (2)
A100	800-1000 MCM	500	400-500	-	-	-	ME100-3D (2)	ME100-520 (2)

(\*) Tools type: HT51; HT51-KV; RH50; RHM50; B500 and also with suffixes -KV, ■; ■-KV

(Δ) Tools type: HT120; HT120-KV; HT131-C ; HT131U-C ; HT131LN-C; RHC131; RHC131LN; RHC131-KV; RHM132; RHU131-C; B1350 and B1300 and also with suffixes -C, -C■, L-C, L-C■, -C-KV, -C■-KV, L-C-KV, L-C■-KV, -UC; B1320

Note: Symbol ■ in the tool descriptions could be A, E or T suffix; it can be added for commercial purposes only.