

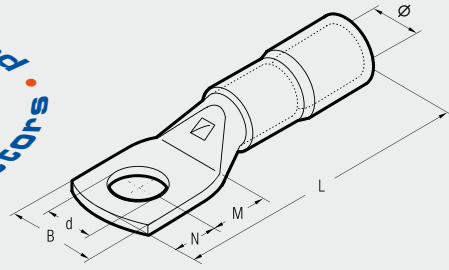
POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS



for extra flexible copper conductors

ANE-M

for fine stranded
SPECIAL
flexible conductors



Conductor Size Extra Flexible sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools				
			Ø	B	M	N	L	d							
35	6	ANE 9-M 6/15	13,6	15,0	8,0	7,0	54,0	6,4	200/50	TMM 70	B 35-500				
	8	ANE 9-M 8	13,6	17,0	9,0	8,0	56,0	8,4	200/50						
	10	ANE 9-M 10	13,6	18,5	11,0	10,0	60,0	10,5	150/50						
	12	ANE 9-M 12	13,6	21,0	14,0	12,0	65,0	13,2	150/50						
50	6	ANE 12-M 6/15	15,7	15,0	8,0	7,0	59,5	6,4	100/25			TMM 120	B 55 B 51		
	8	ANE 12-M 8	15,7	19,8	9,0	8,0	61,5	8,4	100/25						
	10	ANE 12-M 10	15,7	19,8	11,0	10,0	65,5	10,5	100/25						
	10	ANE 12-M 10/19	15,7	19,0	11,0	10,0	65,5	10,5	100/25						
70	12	ANE 12-M 12	15,7	22,0	14,0	12,0	70,5	13,2	100/25					HT 51 RH 50	B 51
	6	ANE 17-M 6	17,9	23,0	8,0	7,0	63,8	6,4	100/25						
	8	ANE 17-M 8	17,9	23,0	9,0	8,0	65,8	8,4	100/25						
	10	ANE 17-M 10	17,9	23,0	11,0	10,0	69,8	10,5	50/25						
	10	ANE 17-M 10/19	17,9	19,0	11,0	10,0	69,8	10,5	100/25						
	12	ANE 17-M 12	17,9	23,0	14,0	12,0	74,8	13,2	50/25						
95	14	ANE 17-M 14	17,9	25,0	15,5	12,0	76,3	15,0	50/25	HT 120 and tools and heads with 130 kN crimping force ECW-H3D	B 55				
	16	ANE 17-M 16	17,9	27,0	16,5	13,5	78,8	17,0	50/25						
	8	ANE 20-M 8	20,0	27,0	9,0	8,0	70,6	8,4	50/25						
	10	ANE 20-M 10	20,0	27,0	11,0	10,0	74,6	10,5	50/25						
120	12	ANE 20-M 12	20,0	27,0	14,0	12,0	79,6	13,2	50/25			HT 120 and tools and heads with 130 kN crimping force ECW-H3D	B 55		
	14	ANE 20-M 14	20,0	27,0	15,5	12,0	81,1	15,0	50/25						
	16	ANE 20-M 16	20,0	27,0	16,5	13,5	83,6	17,0	50/25						
	10	ANE 29-M 10	22,4	30,0	11,0	10,0	81,5	10,5	50/25						
150	12	ANE 29-M 12	22,4	30,0	14,0	12,0	86,5	13,2	50/25					HT 120 and tools and heads with 130 kN crimping force ECW-H3D	B 55
	14	ANE 29-M 14	22,4	30,0	15,5	12,0	88,5	15,0	50/25						
	16	ANE 29-M 16	22,4	30,0	16,5	13,5	90,5	17,0	50/25						
	20	ANE 29-M 20	22,4	30,0	22,0	20,0	102,5	21,0	50/25						
150	12	ANE 35-M 12	25,0	34,2	16,0	14,0	95,0	13,2	30/15	HT 120 and tools and heads with 130 kN crimping force ECW-H3D	B 55				
	14	ANE 35-M 14	25,0	34,2	18,0	16,0	99,0	15,0	30/15						
	16	ANE 35-M 16	25,0	34,2	19,0	17,0	101,0	17,0	30/15						
	20	ANE 35-M 20	25,0	34,2	22,0	20,0	107,0	21,0	30/15						

These lugs are particularly recommended for use with extra flexible conductors on for instance, welding machines.

ANE-M series lugs are manufactured from electrolytic copper tube annealed and tin plated.

The interior of the PA6.6 insulated sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

It also eliminates the need to insulate the terminal using either tape or heat shrinkable tubing.

Furthermore the PA6.6 sleeve avoids the possibility of conductor breakage at the barrel entrance.

The items tabulated all feature black insulated sleeves, however other colours are available, please consult us.






























































































The operating temperature range is - 20 to + 115°C (Surge + 130°C).

In order to achieve the best electrical and mechanical performance it is suggested that they are crimped using dies and tools specifically developed for this purpose by Cembre.

Details of the appropriate crimping tools and dies are shown on pages 188 to 189.

DIE SELECTOR CHART

DIE SELECTOR CHART

APPLICATION	CONDUCTOR	CONNECTOR				HYDRAULIC TOOLS										
						B 15D	B 35-45D	B 35-50D	HT 45-E	HT 51 B 51	RH 50 B 55	HT 81-U RHU 81	HT 120 and tools and heads with 130 kN crimping force			ECW-H3D
	Conductor Size Flex sqmm	TERMINAL				DIE SET		DIE SET		DIE SET		NEST	INDENTOR	DIE SET	NEST	INDENTOR
 ANE..M..  ANE..P..  ANE..U..	10	ANE 2-M..	ANE 2-P12	ANE 2-U..		 NN4-15		 MN 2 RF-50		 MN 2 RF-50		 MN 2-C	 PN 7-C	 MN 2 R-F-C	Adaptor AU 230-130 D with die set MN..C and indentor PN..C or with die set MN..R-F-C and die set MN..F-C	
	16	ANE 3-M..	ANE 3-P14	ANE 3-U..			 MN 3 RF-50	 MN 3 RF-50	 MN 3-C	 MN 3 R-F-C						
	25	ANE 5-M..	ANE 5-P16				 MN 5 RF-50	 MN 5 RF-50	 MN 5-C	 MN 5 R-F-C						
	35	ANE 7-M..	ANE 7-P20				 MN 7 RF-50	 MN 7 RF-50	 MN 7-C	 MN 7 R-F-C						
	50	ANE 10-M..					 MN 10 RF-50	 MN 10 RF-50	 MN 10-C	 MN 10 R-F-C						
	70	ANE 14-M..						 MN 14 RF-50	 MN 14-C	 PN 14-C	 MN 14 R-F-C					
	95	ANE 19-M..						 MN 19 RF-50	 MN 19-C	 PN 24-C	 MN 19 R-F-C					
	120	ANE 24-M..						 MN 24 RF-50	 MN 24-C	 PN 24-C	 MN 24 R-F-C					
	150	ANE 30-M..								 MN 30-C	 PN 37-C	 MN 30 R-F-C				
 ANE..M..	35	ANE 9-M..					 MN 7 RF-50	 MN 7 RF-50	 MN 9-C	 PN 14-C	 MN 7 R-F-C	Adaptor AU 230-130 D with die set MN..C and indentor PN..C or with die set MN..R-F-C and die set MN..F-C				
	50	ANE 12-M..				 MN 12 F-50	 MN 12 F-50	 MN 12-C	 MN 12 F-C							
	70	ANE 17-M..					 MN 17 F-50	 MN 17-C	 PN 24-C	 MN 17 F-C						
	95	ANE 20-M..					 MN 20 F-50	 MN 20-C	 PN 24-C	 MN 20 F-C						
	120	ANE 29-M..						 MN 29-C	 PN 37-C	 MN 29 F-C						
	150	ANE 35-M..						 MN 35-C	 PN 37-C	 MN 35 F-C						
 PK ...  KE ...	0,3 ÷ 4	PKE 508 ÷ PKE 418	PKC 508 ÷ PKC 418	KE 506 ÷ KE 412		 KE 4-15										
	4 ÷ 16	PKE 410 ÷ PKE 1618	PKC 410 ÷ PKC 1618	KE 410 ÷ KE 1616		 KE 16-15										
	16	PKE 16..	PKC 16..	KE 16..		 KE 35-15	 MTT 16-50	 MTT 16-50								
	25	PKE 25..	PKC 25..	KE 25..			 MTT 25-50	 MTT 25-50								
	35		PKC 35..	KE 35..			 MTT 35-50	 MTT 35-50								
	50		PKC 50..				 MTT 50-50	 MTT 50-50								
	70		PKC 70..				 MTT 70-50	 MTT 70-50								
	95		PKC 95..				 MTT 95-50	 MTT 95-50								
	120		PKC 120..					 MTT 120-50								
 PKT ...	2 x 0,5	PKET 508	PKCT 508			 KE 4-15										
	2 x 0,75	PKET 7508 PKET 7512	PKCT 7508 PKCT 7512				 KE 16-15									
	2 x 1	PKET 108 PKET 112	PKCT 108 PKCT 112					 KE 16-15								
	2 x 1,5	PKET 1508 PKET 1512	PKCT 1508 PKCT 1512													
	2 x 2,5	PKET 2510 PKET 2512	PKCT 2510 PKCT 2512													
	2 x 4	PKET 412	PKCT 412													
	2 x 6	PKET 614	PKCT 614													
	2 x 10	PKET 1014	PKCT 1014			 KE 16-15  KE 35-15	 MTT 16-50	 MTT 16-50								
	2 x 16	PKET 1616	PKCT 1616			 KE 35-15	 MTT 35-50	 MTT 35-50								

 Incident crimp
  Radial crimp
  Trapezium crimp