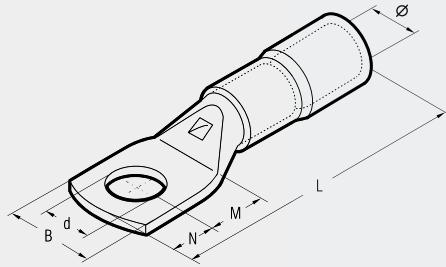


NYLON INSULATED COPPER TUBE LUGS



ANE-M



ANE-M series terminals are manufactured from electrolytic copper tube annealed and tin plated. The interior of the Nylon insulation sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

The Nylon insulated sleeve eliminates the need to insulate the terminal by either taping or using heat shrinkable tubes.

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

The items tabulated all feature black insulated sleeves, other coloured sleeves are available against specific request.

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

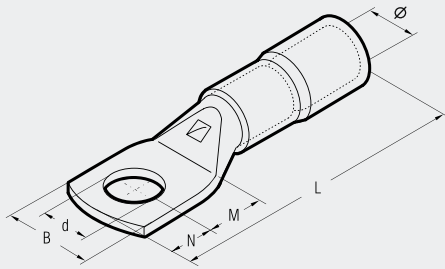
In order to achieve the best electrical and mechanical performance it is suggested that they are crimped using dies and tools specifically developed for this purpose by Cembre.

Conductor Size Flexible sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools
			Ø	B	M	N	L	d			
10	4	ANE 2-M 4	8,0	10,0	5,0	4,0	34,1	4,3	500/100	HNN 3	B 15
	5	ANE 2-M 5	8,0	10,0	6,5	6,0	37,6	5,3	500/100		
	6	ANE 2-M 6	8,0	11,0	7,0	6,0	38,1	6,4	500/100		
	8	ANE 2-M 8	8,0	15,0	9,0	8,0	42,1	8,4	500/100		
	10	ANE 2-M 10	8,0	18,0	11,0	10,0	46,1	10,5	500/100		
	12	ANE 2-M 12	8,0	19,0	14,0	12,0	51,1	13,2	500/100		
16	4	ANE 3-M 4	9,2	11,5	5,0	4,0	38,6	4,3	500/100	HNN 4	B 15
	5	ANE 3-M 5	9,2	11,5	6,5	6,0	42,1	5,3	500/100		
	6	ANE 3-M 6	9,2	11,5	7,0	6,0	42,6	6,4	500/100		
	8	ANE 3-M 8	9,2	15,0	9,0	8,0	46,6	8,4	500/100		
	10	ANE 3-M 10	9,2	18,0	11,0	10,0	50,6	10,5	400/100		
	12	ANE 3-M 12	9,2	20,0	14,0	12,0	55,6	13,2	300/100		
25	4	ANE 5-M 4	11,1	14,0	5,0	4,0	41,0	4,3	300/100	TNN 70 TNN 120	B 35-50 B 51 B 55
	5	ANE 5-M 5	11,1	14,0	6,5	6,0	44,5	5,3	300/100		
	6	ANE 5-M 6	11,1	14,0	7,0	6,0	45,0	6,4	300/100		
	8	ANE 5-M 8	11,1	15,0	9,0	8,0	49,0	8,4	300/100		
	10	ANE 5-M 10	11,1	18,0	11,0	10,0	53,0	10,5	300/100		
	12	ANE 5-M 12	11,1	21,0	14,0	12,0	58,0	13,2	250/50		
35	6	ANE 7-M 6	13,6	17,0	7,0	6,0	50,0	6,4	200/100	HT 51 RH 50 HT 120 and tools and heads with 130 kN crimping force ECWH3D	
	8	ANE 7-M 8	13,6	17,0	9,0	8,0	54,0	8,4	200/100		
	10	ANE 7-M 10	13,6	19,0	11,0	10,0	58,0	10,5	200/100		
	12	ANE 7-M 12	13,6	21,0	14,0	12,0	63,0	13,2	200/100		
	6	ANE 10-M 6	13,8	19,0	8,0	7,0	55,0	6,4	200/50		
	8	ANE 10-M 8	13,8	19,0	9,0	8,0	57,0	8,4	200/50		
50	10	ANE 10-M 10	13,8	20,0	11,0	10,0	61,0	10,5	150/50		
	12	ANE 10-M 12	13,8	21,0	14,0	12,0	66,0	13,2	150/50		
	6	ANE 14-M 6	15,8	21,0	8,0	7,0	61,0	6,4	100/25		
	8	ANE 14-M 8	15,8	21,0	9,0	8,0	63,0	8,0	100/25		
	10	ANE 14-M 10	15,8	21,0	11,0	10,0	67,0	10,5	100/25		
	12	ANE 14-M 12	15,8	22,0	14,0	12,0	72,0	13,2	100/25		
70	14	ANE 14-M 14	15,8	25,0	16,0	14,0	76,0	15,0	100/25		

NYLON INSULATED COPPER TUBE LUGS



ANE-M



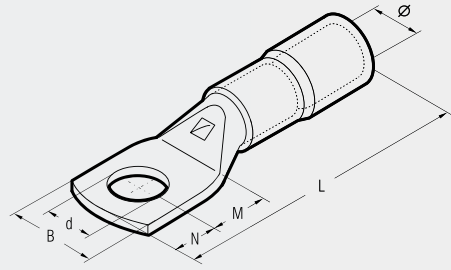
Conductor Size Flexible sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag	Mechanical Tools	Hydraulic Tools	
			Ø	B	M	N	L	d				
95	8	ANE 19-M 8	18,0	25,0	9,0	8,0	73,0	8,4	50/25	TNN 120	HT 51 B 55	HT 120 and tools and heads with 130 kN crimping force ECW-H3D
	10	ANE 19-M 10	18,0	25,0	11,0	10,0	77,0	10,5	50/25			
	12	ANE 19-M 12	18,0	25,0	14,0	12,0	82,0	13,2	50/25			
	14	ANE 19-M 14	18,0	25,0	16,0	14,0	86,0	15,0	50/25			
120	16	ANE 19-M 16	18,0	27,0	18,0	16,0	80,0	17,0	50/25			
	10	ANE 24-M 10	20,0	28,5	11,0	10,0	77,7	10,5	50/25			
	12	ANE 24-M 12	20,0	28,5	14,0	12,0	86,5	13,2	50/25			
	14	ANE 24-M 14	20,0	28,5	16,0	14,0	88,5	15,0	50/25			
150	16	ANE 24-M 16	20,0	28,5	18,0	16,0	90,5	17,0	50/25			
	12	ANE 30-M 12	23,0	31,5	16,0	14,0	101,0	13,2	30/15			
	14	ANE 30-M 14	23,0	31,5	18,0	16,0	105,0	15,0	30/15			
	16	ANE 30-M 16	23,0	31,5	19,0	17,0	107,0	17,0	30/15			
	20	ANE 30-M 20	23,0	31,5	22,0	20,0	113,0	21,0	30/15			





NYLON INSULATED COPPER TUBE LUGS

for extra flexible copper conductors



ANE-M



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	TNN 70	B 95-50 B 55						
	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								
50	12	ANE 9-M 12	13,6	21,0	14,0	12,0	65,0	13,2	150/50			TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D				
	6	ANE 12-M 6/15	15,7	15,0	8,0	7,0	59,5	6,4	100/25								
	8	ANE 12-M 8	15,7	19,8	9,0	8,0	61,5	8,4	100/25								
70	10	ANE 12-M 10	15,7	19,8	11,0	10,0	65,5	10,5	100/25					TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D		
	10	ANE 12-M 10/19	15,7	19,0	11,0	10,0	65,5	10,5	100/25								
	12	ANE 12-M 12	15,7	22,0	14,0	12,0	70,5	13,2	100/25								
95	6	ANE 17-M 6	17,9	23,0	8,0	7,0	63,8	6,4	100/25							TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D
	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								
120	10	ANE 17-M 10/19	17,9	19,0	11,0	10,0	69,8	10,5	100/25	TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D						
	12	ANE 17-M 12	17,9	23,0	14,0	12,0	74,8	13,2	50/25								
	14	ANE 17-M 14	17,9	25,0	15,5	12,0	76,3	15,0	50/25								
150	16	ANE 17-M 16	17,9	27,0	16,5	13,5	78,8	17,0	50/25			TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D				
	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					TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D		
	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								
150	10	ANE 29-M 10	22,4	30,0	11,0	10,0	81,5	10,5	50/25							TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D
	12	ANE 29-M 12	22,4	30,0	14,0	12,0	86,5	13,2	50/25								
	14	ANE 29-M 14	22,4	30,0	15,5	12,0	88,5	15,0	50/25								
150	16	ANE 29-M 16	22,4	30,0	16,5	13,5	90,5	17,0	50/25	TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D						
	20	ANE 29-M 20	22,4	30,0	22,0	20,0	102,5	21,0	30/15								
	12	ANE 35-M 12	25,0	34,2	16,0	14,0	95,0	13,2	30/15								
150	14	ANE 35-M 14	25,0	34,2	18,0	16,0	99,0	15,0	30/15			TNN 120	RH 50 HT 51 HT 120 and tools and heads with 130 kN crimping force ECWH3D				
	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 terminals are particularly recommended for use with extra flexible conductors on for instance, welding machines.

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

The interior of the Nylon insulation sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

The Nylon insulated sleeve eliminates the need to insulate the terminal by either taping or using heat shrinkable tubes.

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

The items tabulated all feature black insulated sleeves, other coloured sleeves are available against specific request.

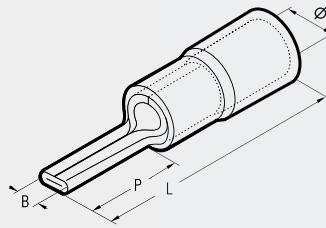
The operating temperature range is - 20 to + 115°C (Surge + 130°C).

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.

ANE-P



NYLON INSULATED PIN TERMINALS



ANE-P series terminals are made from electrolytic copper, rolled, tin plated and brazed. The interior of the Nylon insulation sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.

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

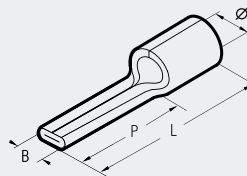
In order to achieve the best electrical and mechanical performance it is suggested that they are crimped using dies and tools specifically developed for this purpose by Cembre.

Conductor Size Flexible sqmm	Ref.	Dimensions mm				Quantity Box/Bag	Mechanical Tools			Hydraulic Tools					
		Ø	B	P	L		HNN 3	HNN 4	TN 70	TN 120	B 15	B 35-50	HT 51 RH 50 B 51 B 55	HT 120 and tools with 130 kN crimping force	ECW-H3D
10	ANE 2-P 12	8,0	4,3	14,5	35,1	500/100									
16	ANE 3-P 14	9,2	5,5	18,0	41,1	500/100									
25	ANE 5-P 16	11,1	7,0	20,3	45,0	300/100									
35	ANE 7-P 20	13,6	8,0	24,5	55,0	200/50									

UNINSULATED PIN CONNECTORS



A-P



A-P series pin connectors are designed to terminate conductors into contact blocks.

They are manufactured from copper strip, rolled, brazed and tin plated.

Conductor Size sqmm	Ref.	Dimensions mm				Quantity Box/Bag	Mechanical Tools			Hydraulic Tools						
		Ø1	B	P	L		HN 1	HN 5	TN 70 SE	TN 120 SE	B 15	B 35-45	B 35-50	HT 45-E	HT 51 RH 50 B 51 B 55	HT 120 and tools with 130 kN crimping force
10	A 2-P 12	4,8	4,3	14,5	23,5	1.500/100										
16	A 3-P 14	5,9	5,5	18,0	28,0	1.500/100										
25	A 5-P 16	7,0	7,0	20,3	32,0	1.000/100										
35	A 7-P 20	8,9	8,0	24,5	39,0	500/100										
50	A 10-P 25	10,0	9,5	26,0	45,0	250/50										
70	A 14-P 30	11,5	11,0	31,0	55,0	200/50										