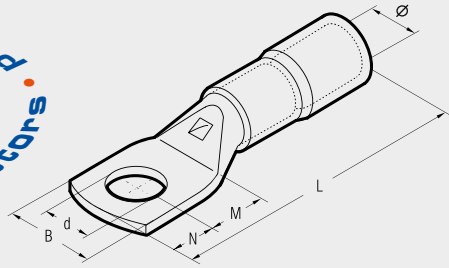


POLYAMIDE PA6.6 INSULATED COPPER TUBE LUGS

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 35-50MDE B 550E | | | | |
| | 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 500E B 550E | | |
| | 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 ECW-H3D | HT 120 and tools and heads with 130 kN crimping force |
| | 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 | | | | | |
| | 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 | | | | |
| | 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 | | | |
| | 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 | 40/20 | | | | | | |
| 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 | | | | | |
| | 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 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 182 to 183.