Cutting and stripping tool 0.02 - 10 mm² (16 mm²)

EMBLA

Embla

Cutting and stripping tool.

Particulars:

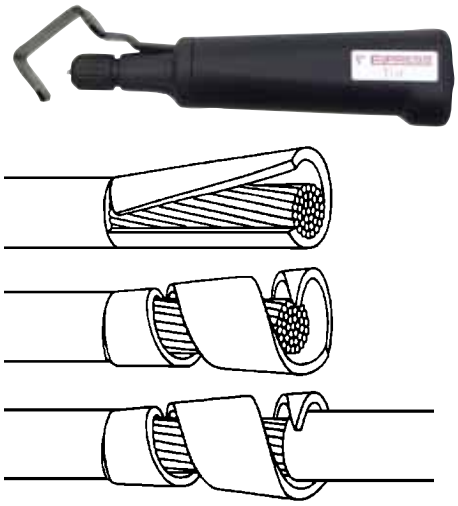
- **Stripping range**
  - standard cassette PVC with straight blades 0,02 - 10 mm² (AWG 34 - 8)
- **Cutting range**
  - stranded conductors up to 10 mm² (AWG 8)
  - single strand conductors up to 1.5 mm² (AWG 16)
- **Weight:** 136 g with standard cassette
- **Dimensions**: 191 x 123 x 20 mm
- **Versatility**: The easy exchange of stripping cassettes makes stripping of most insulation materials possible. The working range is the widest available for these type of tools.
- **Precision**: Precise knife adjustment allows stripping of conductors with thin insulations without damage to the strands. When the stripping action is completed, the knives open and are kept so during the retraction of the knives. The scratchfree conductor is thus easy to take out.
- **Ergonomy**: A specially designed movable handle with a soft rubber inlay, low friction, optimised handle opening width, an angled head and low weight safeguard comfortable work with lowest work load.
- **Long life expectancy**: Strip cassettes and knives can be exchanged for very long tool life.
- **Reliability**: Tested to over 150 000 cycles. Produced from a new high tensile plastic with doubled strength compared to ordinary PA6 (nylon).
- **Accesories**:
  EMBLA SP V-CASSETTE
  - exchange cassette with V-blades; for harder insulations 0,02 - 6 mm² (AWG 34 - 10)
  EMBLA SP 16-CASSETTE
  - exchange cassette with curved blades for 4-16 mm² (AWG 12 - 6)

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Stripping tool for cables Ø 2.5 - 40 mm

Stripping of cables Ø 4.5 - 40 mm

TOR



Three stripping functions.

Tor

Stripping tool for LV cables.

Particulars:

- two exchangeable hooks for covering the wide diameter range
- locked positions for cutting around and along the cable as well as in a spiral
- the cutting can be made on cable outer diameters from 4.5 to 40 mm with insulation thickness up to 4.5 mm (adjustable knife)
- dimensions 150 (167) x 42 x 31 mm with small (big) hook
- weight 116 g
- spare blades available and may be stored in an integrated compartment in the handle
- not designed to cut steel

Stripping of cables Ø 2.5 - 11 mm

ODEN

Oden

Stripping of the outer layer on signal, telephone, instrument, data cables and etc.

Particulars:

- precise setting for the different insulations is easily made by means of the nine position setting wheel
- stripping: cables Ø 2.5 to 11 mm with up to 1.0 mm thick insulations
- strips the outer insulation on most multi conductor and optical cables up to Ø 11 mm
- dimensions 91 x 40 x 19 mm
- weight 28 g
- spare blades available

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Toolsforcuttingandstrippingofconductors0.5-6mm²andfor cutting up to Ø 20 mm

Cutting and stripping 0.5 - 6 mm²

SCT001

SCT001

Cutting and stripping tool.

Particulars:

- made from high quality steel
- cuts and strips 0.5 to 6 mm² (20 - 10 AWG)
- lockable strip setting
- light and versatile
- weight 100 g
- length x width 140 x 65 mm

Cable cutting up to approximately Ø 20 mm

CT10

CT10

Cable cutter.

Particulars:

- cuts Cu and Al cables up to outer Ø 10 mm
- not designed to cut steel
- small and handy
- hardened cutter edges of forged steel
- the special cutter edge designs gives a clean cut surface with low distortion
- weight 170 g, length 165 mm

CT20

CT20

Cable cutter.

Particulars:

- cuts Cu and Al cables up to outer Ø 20 mm
- not designed to cut steel
- hardened cutter edges of forged steel
- the special cutter edge designs gives a clean cut surface with low distortion
- weight 440 g, length 240 mm

Cable cutting up to Ø 15 mm

UP-B41

UP-B41

Cable cutter.

Particulars:

- cuts Cu cables up to approx. Ø 15 mm
- not designed for cutting steel
- small and very effective
- a professional tool with very high quality
- gives a clean cut surface
- weight 280 g
- length 200 mm

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Cutting tools for cables up to Ø 80 mm

- *Not for steel wires or steel wire armoured cabels.*

Cable cutting up to Ø 34 mm

HKS34

Cable cutter.

HKS34

Particulars:

- cuts normal types of Cu and Al cables up to Ø 34 mm
- cuts Al-alloyed AC overhead line conductors up to 241 mm² (not ACSR)
- supplied in a robust textile carry bag
- weight 0.92 kg, length 250 mm

Cable cutting up to Ø 62 mm

HKS62

Cable cutter.

HKS62

Particulars:

- cuts normal types of Cu and Al cables up to Ø 62m
- cuts Al-alloyed AC overhead line conductors up to 241 mm² (not ACSR)
- supplied in a robust textile carry bag
- weight 1.9 kg, length 340 mm

Cable cutting up to Ø 80 mm

HKS80

Cable cutter.

HKS80

Particulars:

- cuts normal types of Cu and Al cables up to Ø 80 mm
- supplied in a robust textile carry bag
- weight 3.0 kg, length 600 mm

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Cable cutting up to Ø 35 mm

HKS35

HKS35F

Front end cable cutter.

Particulars:

- front end "scissors" cutting - easy access to confined areas
- cuts normal types of Cu and Al cables up to Ø 35 mm
- low handle forces needed
- supplied in a robust textile carry bag
- weight 1.4 kg, length 330 mm

Cable cutting up to Ø 60 mm

HKS60F

HKS60

Front end cable cutter.

Particulars:

- front end "scissors" cutting - easy access to confined areas
- cuts normal types of Cu and Al cables up to Ø 60 mm
- low handle forces needed
- supplied in a robust textile carry bag
- weight 3.0 kg, length 485 mm

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*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Accessories to the V1400 system for cutting cables up to Ø 85 mm

BKL30

Cable cutting up to Ø 30 mm

BKL30

Cutting dies to be used in crimp head V1400 with fork V1431 (see also page 9:36).

Particulars:

- cut all cable types except steel wire armoured; max. Ø 30 mm
- weight 0.9 kg (the pair)

Cable cutting up to Ø 85 mm

KL1485

Cable cutter to be used with crimp head V1400
(see also page 9:36).

KL1485

Particulars:

- cuts Cu cables up to 4x150 mm² and Al cables up to Ø 85 mm, paper and XLPE insulated cables. Note that the individual cable designs and material will influence capacity
- cuts steel strip armoured but not **steel wire** armoured cables
- supplied in a strong, reinforced plywood carry box (weight 3.5 kg)
- weight 7.9 kg, length 275 mm, height 260 mm

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Tool for removal of outer conductive layer on MV XLPE cables

FBS1722

Stripping tool for outer vulcanised, conductive layer on MV XLPE cables.

FBS1722

Particulars:

- FBS 1722 comprises the actual tool, 100 g silicone paste and an instruction, all in a quality plastic carry box
- stripping can be made from Ø 10 mm up to Ø 50 mm, approximately corresponding to maximum sizes 800 mm² at 12kV, 630 mm² at 24 kV and 500 mm² at 36 kV
- cutting depth is easily set between 0 and 1.2 mm in steps of 0.1 mm
- stripping can be made down to 25 mm from the shield edge and the XLPE surface produced is very smooth all the way
- the HRC 55 hardness cutting blade is specially ground to specific shape and easy to replace when needed

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.

Hydraulic cable cutters

■ *Not for steel wires or steel wire armoured cables.*

HKL40/KL40, HKL55/KL55, HKL85/KL85 and KL105

A range of cable cutters covering virtually all needs for cutting power cables and OH-line wires. The cutting heads are powered by Elpress foot pump P4000 or Elpress battery and mains operated electrohydraulic pump PS700.

Technical specifications

Hydraulic manual cutters	HKL40	HKL55	HKL85	
dimensions, mm	645x85x165	560x55x140	745x72x190	
weight, kg	5,9	3,7	7,6	
Hydraulic cutting heads	**KL40**	**KL55**	**KL85**	**KL105**
dimensions, mm	285x85x105	300x55x110	385x75x170	760x590x275
weight, kg	4,3	3,0	6,2	13
Max. opening	Ø 40	Ø 55	Ø 85	Ø 105
Max. cutting force, KN	88	43	55	90
Max. cutting capacity, examples.				
copper cable	Ø 40	400 (500) mm²	630 mm²	<Ø 105*
Cu annealed solid conductor		Ø 20		
Cu rod	Ø 30			
Aluminium cable	Ø 40	3x240+95 mm²	3x240+95 mm² 630 (800 mm²)	<Ø 105*
Al annealed solid conductor		Ø 25		
ACSR	Ø 40			
Al bar	ca Ø 40			
Telephone cable		Ø 55		Ø 105
Steel wire (<180 daN/mm²)	Ø 11			
Steel rod	Ø 18			

* depending on cable design
Do not cut steel wire armoured cables.

*Note! The cutting capacity of any cutting tool may vary due to conductor design, insulation thickness, hardness of materials etc.