



D2

Manual wire strippers and stripping machine





SES-STERLING manufactures and markets a very important range of manual stripping tools.

Building on the excellent reputation of the 4010 tool developed by **SES-STERLING**, we have designed new tools with other companies.

Our aims have always been to listen and strive to meet the special requirements of our customers, our product range has therefore grown with the passing years and now, it can solve most problems.

For clarity, the tools are listed per type as follows:

- D2/1** - **automatic stripping and precision tools** designed specifically for flexible and rigid conductors. These allow stripping without leaving fraying strands or causing injury to the operator.
- D2/2** - **stripping tools with adjustable blades** according to conductor shape and dimensions. These are more or less universal tools with the consequent advantages and disadvantages.
- D2/4** - **universal stripping tools** rapid and precise
- D2/5** - **simple stripping tools** for general use.
- D2/6** - **special stripping tools** adapted to specific problems.
- D2/7** - **electrically and pneumatically driven stripping machines**, for small, medium-sized and large mass production use.

Our technical services personnel will be glad to advise and help resolve any stripping problem. You only need to send us samples and give us as much technical information as possible as to your problem, we can then suggest the best solutions.

On each page of our catalogue, we give as many details of our tools as we can in order to help you to choose the most suitable tool or machine.

SES-STERLING offers you its after sales service by replacing a worn tool for a factory reconditioned model, plus a speedy delivery of spare parts, and a competent repairing service.



SES-6010

Material:	PLIO-Carbox black
Material blades:	special tool steel
Sections:	0,15 to 6 mm²
Weight:	200 g
Length:	180 mm

The SES-6010 automatic stripping tool allows the stripping of rigid and flexible conductors and is especially used for a partial stripping of flexible conductors. It is distinguished by:

- a special device that allows **a total or a partial stripping**.
- blades adapted for cables with **sections from 0,15 to 6 mm²**.
- **a better handiness**: thanks to its lightness and its flexibility in use, it is well adapted to precise and delicate work.
- an unlosable thrust (to be ordered separately).



type	tool with blade art. no.		spare blade art. no.		diameter mm	section mm ²
Ex.: 6010-U: tool SES-6010 equipped with U blade						
6010-U*	0402 0024 000	1	0402 0050 000	1	1-1,2-1,4-1,8-2,3-3,2	0,5-0,75-1-1,5-2,5-4-6
6010-V*	0402 0025 000	1	0402 0051 000	1	0,5-0,6-0,7-0,8-1-1,2-1,4-1,8-2,3	0,15-0,22-0,35-0,5-0,75-1-1,5-2,5

The SES-6010 can be delivered with the same blades as the SES-4010 tool, except for blades B and Y.

6010-S	0402 0001 000	1	0401 0028 000	1	2,3-2,8-3,4	2,5-4-6
6010-E	0402 0002 000	1	0401 0128 000	1	0,8-1-1,2-1,4-1,8-2,3-2,8	0,35-0,5-0,75-1-1,5-2,5-4
6010-L	0402 0003 000	1	0401 0228 000	1	0,5-0,6-0,7-0,8-1-1,2-1,4	0,15-0,22-0,35-0,5-0,75-1
6010-F	0402 0006 000	1	0401 0428 000	1	1,4	1,5-0,75x8
6010-C	0402 0007 000	1	0401 0528 000	1	2,8	4-0,5x8
6010-T	0402 0008 000	1	0401 0628 000	1	1,4-1,8-2,8-3,4	1,5-2,5-4-6
6010-P	0402 0009 000	1	0401 0728 000	1	0,8-1-1,2-1,4-1,8	0,5-0,75-1-1,5
6010-Z	0402 0020 000	1	0401 0220 000	1	1-1,2-1,8-3,2	1-2,5-6
6010-K	0402 0021 000	1	0401 0222 000	1	1-1,2-1,8-2,8-3,2-3,4	1-1,5-2,5-4-6
6010-H	0402 0023 000	1	0401 0929 000	1	0,7-0,8-1-1,2-1,4-1,8-2,3-2,8	0,5-0,75-1-2,5-4-6

* popular model

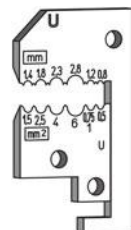
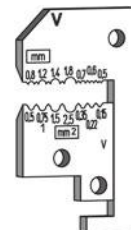
Fixed stop (to be ordered separately)	0402 0100 000	1
---	---------------	---

-

-

Note: partial stripping for flexible conductors

- avoids the fraying of the filaments,
- allows to twist the filaments with the removal of the insulator section,
- facilitates the recovery of the the insulator section.



SES automatic stripping pliers of precision



SES

SES-4010

Material: Zamak (zinc alloy)
PVC insulated handles

Material blades: special tool steel

Sections: 0,15 to 10 mm²

Weight: 360 g

Length: 180 mm

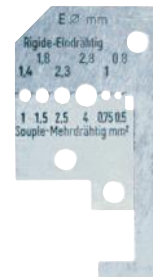
STANDARD



- For a precision work, with blades adapted to each size of cable.
- Ergonomic insulated handles promotes the clamp.
- The fixing system of the blades allows quick replacement of the blades.
- Flexible stripped cables stay round, ideal for the mounting of terminals or end sleeves.

type	tool with blade art. no.		spare blade art. no.		diameter mm	section mm ²
ex: 4010-E: tool SES-4010 fitted with blade E						
4010-E*	0401 0002 000	1	0401 0128 000	1	0,8 - 1 - 1,2 - 1,4 - 1,8 - 2,3 - 2,8	0,35 - 0,5 - 0,75 - 1 - 1,5 - 2,5 - 4
4010-L	0401 0003 000	1	0401 0228 000	1	0,5 - 0,6 - 0,7 - 0,8 - 1 - 1,2 - 1,4	0,15 - 0,22 - 0,35 - 0,5 - 0,75 - 1
4010-R	0401 0005 000	1	0401 0928 000	1	0,5 - 0,6 - 0,7 - 0,8 - 1 - 1,2 - 1,4 - 1,8 - 2,3	0,15 - 0,22 - 0,35 - 0,5 - 0,75 - 1 - 1,5 - 2,5
4010-P	0401 0009 000	1	0401 0728 000	1	0,8 - 1 - 1,2 - 1,4 - 1,8	0,5 - 0,75 - 1 - 1,5
4010-T	0401 0008 000	1	0401 0628 000	1	1,4 - 1,8 - 2,8 - 3,4	1,5 - 2,5 - 4 - 6
4010-S	0401 0001 000	1	0401 0028 000	1	2,3 - 2,8 - 3,4	2,5 - 4 - 6
4010-F	0401 0006 000	1	0401 0428 000	1	1,4	1,5 - 0,75x8
4010-C	0401 0007 000	1	0401 0528 000	1	2,8	4 - 0,5x8
4010-Z	0401 0120 000	1	0401 0220 000	1	1 - 1,2 - 1,8 - 3,2	1 - 2,5 - 6
4010-Y	0401 0121 000	1	0401 0221 000	1	1 - 1,2 - 3,2 - 4,7	1 - 6
4010-H	0401 0129 000	1	0401 0929 000	1	0,7 - 0,8 - 1 - 1,2 - 1,4 - 1,8 - 2,3 - 2,8	0,5 - 0,75 - 1 - 2,5 - 4 - 6
4010-K	0401 0122 000	1	0401 0222 000	1	1 - 1,2 - 1,8 - 2,8 - 3,2 - 3,4	1 - 1,5 - 2,5 - 4 - 6
4010-B	0401 0123 000	1	0401 0223 000	1	1,8 - 2,3 - 3,2 - 4	2,5 - 4 - 6 - 10
4010-US	0401 0124 000	1	0401 0224 000	1	1 - 1,2 - 1,4 - 1,8 - 2,3 - 3,2	0,75 - 1 - 1,5 - 2,5 - 4 - 6

* popular model



Fixed stop

(to be ordered separately) 0402 0100 000 1



Special blades can be manufactured to strip wire sizes not covered by standard blades.

Please state number and diameters of cutting sections per blade (minimum cross section 0,75 mm²)

SES-4011

Material: Zamak zinc alloy white
PVC insulated handles

Material blades: special tool steel

Sections: **flat cables: 2x 0,5 to 2x 1 mm²**
round cables: 1,5 mm²



Weight: 360 g

Length: 180 mm

FLAT CABLE



Same specifications as type SES-4010. The tool SES-4011 allows simultaneous stripping and length parting of a flat twin-conductor.

type	tool with blade article number		spare blade	
SES-4011	0401 0031 000	1	0401 0032 000	1

SES-5012 photovoltaic

Material: Zamak zinc alloy white
PVC insulated handles

Material blades: special tool steel

Sections: **1,5 - 2,5 - 4 - 6 mm²**

Weight: 360 g

Length: 180 mm

PHOTOVOLTAIC



Same specifications as type SES-4010. The special photovoltaic stripping tool SES-5012 allows the stripping of specific cables with thick insulation with section from 1,5 to 6 mm², used in photovoltaic systems.

It has jaws designed for good retention of the insulation without scoring.

The new ergonomic handles provide a good grip and a comfortable working while limiting the effort of the user.

type	tool with blade article number	
SES-5012	0414 0180 000	1

SES automatic stripping pliers of precision

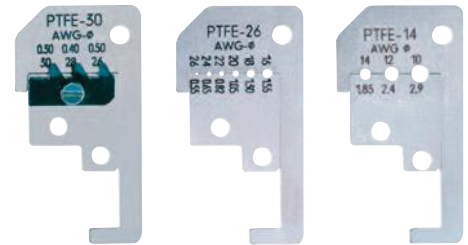
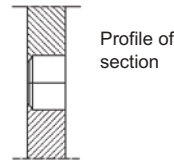


SES

SES-5011 for thin insulation (PTFE/TEFLON)

Material: Zamak zinc alloy white
PVC insulated handles
Material blades: special tool steel
Sections: 30 to 10 AWG
Weight: 360 g
Length: 180 mm

TEFLON



Same specifications as tool SES-4010. The tool SES-5011 has been developed to strip PTFE (TEFLON) and similar insulations.

This tool allows a perfect stripping because:

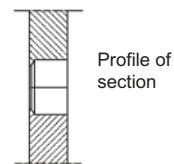
- of its high precision blades that center the cable without damaging it.
- of its serrated gripping jaws, sparing the insulating.

type	tool with blade art. no.		spare blade art. no.		AWG
5011-30	0414 0101 000	1	0414 0111 000	1	30 - 28 - 26
5011-26	0414 0102 000	1	0414 0112 000	1	26 - 24 - 22 - 20 - 18 - 16
5011-14	0414 0103 000	1	0414 0113 000	1	14 - 12 - 10

SES-DK for polyamide insulation (KAPTON)

Material: Zamak zinc alloy white
handles insulated
Material blades: special tool steel
Sections: 26 to 10 AWG
Weight: 360 g
Length: 180 mm

KAPTON



Same specification as tool SES-5011. The tool SES-DK has blades adapted to dimensions of KAPTON insulated wires.



type	tool with blade art. no.		spare blade art. no.		AWG
DK-26	0414 0106 000	1	0414 0116 000	1	26 - 24 - 22
DK-20	0414 0105 000	1	0414 0115 000	1	20 - 18 - 16
DK-14	0414 0104 000	1	0414 0114 000	1	14 - 12 - 10

The quality and accuracy of the automatic stripping of PTFE insulation (or Kapton) are very strongly linked to the dimensions of the cables (diameters, thicknesses, tolerances). Thus, for each standard, including its various editions, and/or manufacturer, it is necessary to adapt the geometry of the knives. We therefore ask you to send us your existing wire or cable samples to check this geometry. We ship knives referenced to supplied samples cables. No guarantee can be given when using with wires or cables samples from the one provided.

DURO-STRIPAX

Material: polyamide
Stripping section: 0,03 to 0,9 mm²
Stripping length: 7 mm maxi.
Cutting section: 1 mm² maxi.
Weight: 92 g
Application: self adjusting blades for flexible PVC insulated wires




type	article number	stripping section (mm ²)	AWG		type	article number	colours	
Tool DURO-STRIPAX					Spare blade DURO			
DURO-STRIPAX 32	0595 0003 000	0,03 → 0,05	32 - 30	1	DURO 32	0595 0080 000	yellow	1
DURO-STRIPAX 28	0595 0004 000	0,06 → 0,12	28 - 26	1	DURO 28	0595 0081 000	red	1
DURO-STRIPAX 24	0595 0005 000	0,13 → 0,2	24 - 22	1	DURO 24	0595 0082 000	green	1
DURO-STRIPAX 22	0595 0006 000	0,21 → 0,52	20	1	DURO 22	0595 0083 000	blue	1
DURO-STRIPAX 18	0595 0007 000	0,53 → 0,9	18	1	DURO 18	0595 0084 000	black	1

MINI-STRIPAX

Material: polyamide
Stripping section: 0,08 to 1 mm²
Stripping length: 7 mm maxi.
Cutting section: 1 mm² maxi.
Weight: 95 g
Application: self adjusting blades for flexible PVC insulated wires or flat cables 5 mm maxi.



type	article number	stripping section (mm ²)	AWG	
MINI-STRIPAX	0595 0002 000	0,08 → 1	28 - 17	1

SES-JOKARI SUPER 4 Plus

Material: glass-reinforced polyamide
Stripping section: 0,2 to 6 mm²
Stripping length: 15 mm maxi.
Cutting section: 2,5 mm² maxi.
Weight: 90 g
Application: self adjusting blades for flexible and rigid wire.



type	article number	stripping section (mm ²)	
JOKARI SUPER 4	0541 0030 000	0,2 → 6	1

SES stripping tools with self-adjusting blades





SES

SES-MK 1 FD

Material: aluminium
Stripping section: 0,25 to 2,5 mm²
Stripping length: 8 mm maxi.
Cutting section: -
Weight: 200 g
Application: self adjusting blades for flexible and rigid wire, round or flat, mono or multi-conductor.





type	artide number	stripping section (mm ²)		type	artide number	
SES-MK 1 FD	0524 0040 000	0,25 → 2,5	1	Blades MK 1 FD	0524 0041 000	1

SES-STRIPAX

Material: polyamide
Stripping section: 0,5 to 6 mm²
Stripping length: 18 mm maxi.
Cutting section: 4 mm² maxi.
Weight: 130 g
Application: self adjusting blades for flexible and rigid wire, round or flat, mono or multi-conductor.





type	artide number	stripping section (mm ²)		type	artide number	
STRIPAX	0595 0001 000	0,5 → 6	1	Blades STRIPAX	0595 0051 000	1

SES-2000

Material: polyamide
Stripping section: 0,08 to 6 mm²
Stripping length: 18 mm maxi.
Cutting section: 6 mm² maxi.
Weight: 200 g
Application: self adjusting blades for flexible and rigid wire, round or flat, mono or multi-conductor.



type	artide number	stripping section (mm ²)		type	artide number	
SES-2000	0595 0030 000	0,08 → 6	1	Blades SES-2000	0595 0031 000	1

SES stripping tools with self-adjusting blades



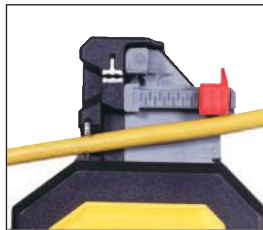
SES

SES-JOKARI "Special"

Material: glass-reinforced polyamide
Stripping section: 0,5 to 6 mm²
Stripping length: 18 mm maxi.
Cutting section: Ø 2,8 mm maxi.
Weight: 160 g
Application: self adjusting blades for flexible wire. Cable can be inserted from the side in inaccessible areas.



type	artide number	stripping section (mm ²)		type	artide number	
SES-JOKARI "Special"	0541 0080 000	0,5 → 6	1	Blades JOKARI "Special"	0541 0081 000	1



SES-JOKARI 6-16

Material: glass-reinforced polyamide
Stripping section: 6 to 16 mm²
Stripping length: unlimited (the wire can pass between the arms of the tool)
Cutting section: -
Weight: 120 g
Application: self adjusting blades for flexible wire. Stripping of long lengths.



type	artide number	stripping section (mm ²)	
SES-JOKARI 6-16	0541 0060 000	6 → 16	1

SES-JOKARI MEPLAT

Stripping length: unlimited (the wire can pass between the arms of the tool)
Cutting section: -
Weight: 120 g
Application: self adjusting blades for flat wire or sheet of 11 mm width maxi.



type	artide number	stripping section (mm ²)	
SES-JOKARI MEPLAT	0541 0070 000	0,75 → 2,5	1



SES-JOKARI SENSOR MINI

Material: glass-reinforced polyamide
Stripping capacities: 3,2 - 4,4 mm
Stripping length: unlimited
Weight: 126 g
Application: self adjusting blades for flexible cable type «Sensor actuator» (insulation PVC, PUR, TPE-U) shielded or unshielded.




type	art. no.	stripping-Ø mm	
SES-JOKARI SENSOR MINI	0541 0090 000	3,2 → 4,4	1

SES-JOKARI SENSOR SPECIAL

Material: glass-reinforced polyamide
Stripping capacities: 4,4 - 7 mm
Stripping length: unlimited
Weight: 126 g
Application : self adjusting blades for flexible cable type «Sensor actuator» (insulation PVC, PUR, TPE-U) shielded or unshielded.



type	art. no.	stripping-Ø mm	
SES-JOKARI SENSOR SPECIAL	0541 0100 000	4,4 → 7	1



SES-JOKARI HIGH-STRIP

Material: Polyamide
Sections: 0,5 to 4 mm² / 20 to 11 AWG
Weight: 100 g
Height: 121 mm
Length: 145 mm

DELICATE CABLES





An ergonomic automatic wire stripper for fast and precise stripping of cables with following advantages:

- . No damage of the heart of wire.
- . The length stop can be adjusted from 5 - 15 mm.
- . For work in series, without tiredness.
- . Interchangeable spare blade.

Adapted for the stripping of special materials such as rubber, silicone and TPE (thermoplastic rubber) and other insulating.



type	tool with blade artide number		spare blade artide number		section mm ²	AWG*
Jokari High-Strip	0541 0050 000	1	0541 0055 000	1	0,5 → 4	20 → 11

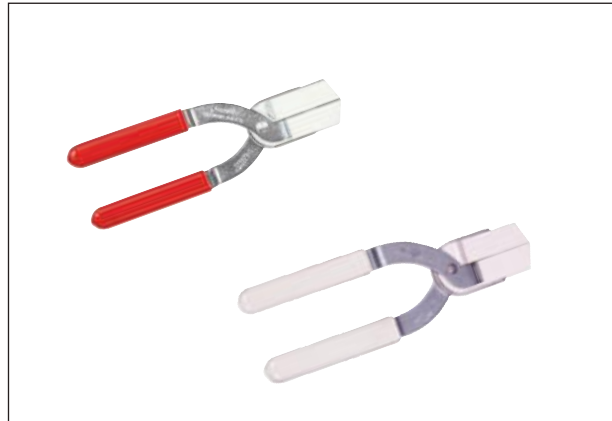



SES NO-NIK

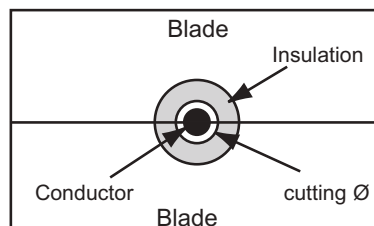
Material: plastic
Material blades: treated steel
Stripping Ø: 0,16 to 0,81 mm
Weight: 50 g
Length: 135 mm

Specifications:

- The best mechanical stripping system for wires of small diameters
- Lightweight, yet solid in construction, it performs perfect stripping of small wires or fibre optics.
- Every wire diameter has a corresponding tool.
- Every tool has a corresponding handle colour.



type	article number	Tool cutting Ø mm	conductor Ø single mm	multistrand mm	handle colours	
Stripping tool for optical cable						
NO - NIK 203	0581 0015 000	0,203	0,16	0,16	red	1
NO - NIK 305	0581 0002 000	0,305	0,2 → 0,25	0,23	white	1

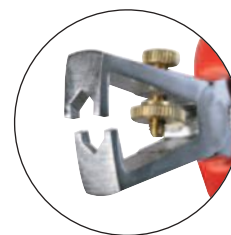





DS-5

Material: chromed steel
Material handles: bi-material
maxi stripping-Ø: 5 mm (10 mm²)
Weight: 157 g
Length: 160 mm

Specifications: for single-wire conductors, multiwire and fine wires, plastic or rubber insulation.

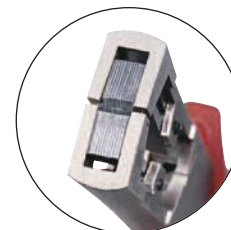



type	art. no.	stripping-Ø maximum (mm)	
Tool DS - 5	0501 0007 000	5	1

SES-166

Material: treated steel
Material handle: insulated cellulose acetate (CA)
For wire Ø: 0,3 to 5 mm
Weight: 185 g
Length: 160 mm

Specifications: designed for quick use with maximum safety for the soul of conductors. The cutting system consists of lamellae with independent action that fit the profile of the wire or cable. Easy access to difficult areas, these tools are particularly recommended for wiring work assemblers, electricians, maintenance electricians and installers.




type	art. no.	quantity of lamellae	for wire Ø (mm)	
SES-166/I	0724 0001 000	2 x 11	0,5 → 5	1
SES-166/II	0724 0002 000	2 x 18	0,3 → 2	1

2022

Material: treated seal
For wires Ø : 0,6 mm and more
Weight: 35 g
Length: 130 mm
Specification: stripping tool for varnished wires. Usability avoiding hand fatigue.



type	art. no.	for wire Ø (mm)	
Tool 2022	0513 0001 000	> 0,6	1
Blade 2022	0513 0002 000	-	1 set

Robustly built the universal stripping machine type FA-406 is designed for fast stripping of flexible and rigid cable ends - single core or multicore wires and cables up to 10 mm external diameter.

Technical details:

- Motor 110/220 V 50Hz single phase
- Conform to TÜV and CE
- Manufactured in France
- Weight: 10,7 Kg
- Dimensions of the machine:

Length	440 mm
Width	230 mm
Height	220 mm



Machine output:

- Round cables ext. \varnothing 1 to 10 mm maxi.
- All types of insulations (see range of stripping blades)
- Stripping length with standard head
 - 2 to 10 mm with short stop
 - 8 to 36 mm with long stop
- Special head for simultaneous stripping and twisting
 - 4 to 10 mm with short stop
 - 8 to 36 mm with long stop

Principle of operation:

The head is provided with 3 blades rotated by the motor. The operator inserts the wire to be stripped then presses the lever. This lever closes the 3 knives in rotation on the wire. The knives notch the insulation and retain the cut part while the wire is withdrawn.

Especially adapted to work in series, the machine can be fixed on a bench.

The stripping is fast, easy and precise. It is done in three points:

- First of all the stripping diameter is regulated thanks to a vernier dial which limits the closing of the blades.
- Then the stripping length is achieved by the lockable micrometer head at the rear of the machine.
- Finally, a third adjustment makes it possible to limit the opening of the blades. It is carried out thanks to the knurled wheel located on the top of the machine.

The stripping operation can be done either manually by a hand lever, or with a foot pedal and chain both connected to the main drive shaft.

For more information, please consult our technical department.

Only sold in France and Germany.

Stripping machine Type CS 60



CS 60

Technical details:

Stripping capacity:	0,08-6 mm ² / AWG 32-10 (Ø max : 6 mm)
Stripping length:	3-20 mm
Length of the semi-stripping:	2-20 mm (cutting without removal of waste)
Length of introduction into the machine:	15 mm
Cycle time (departure):	0,3 sec.
Blades:	V form
Supply voltage:	230 V
Dimensions (L x W x H):	363 x 141 x 221 mm
Weight:	9,5 kg



Stripping with comfort

The electrical stripping machine is very easy to use.

The values are displayed on a large screen and the clear diagram allows intuitive operation.

Control buttons are conveniently located on the front of the machine.

The short stripping lengths and the well defined work area provide a quick and effortless work.

The clamping force of jaws automatically adjusts the necessary stripping power to prevent too much pressure on sensitive insulation.

The stripping blades are specially built and guarantee a reliable stripping.

A counter controls the quantity of transactions.

The weight and the grip make of the CS60 a portable machine easy to move.

Please consult our technical department for more information.

Only sold in France.





D3

Stripping tools





SES-STERLING offers many tools for regular jacket and sheath cable stripping.

Some of these tools have been developed by our technicians to meet special requirements. If you have any problem in this field, we are always pleased to assist with useful advice.

For ease of reference, we have arranged tools as follows:

D3/1 Standard stripping tools for regular applications.

D3/2 Stripping tools for special cables - fibre optics - coaxial cables.

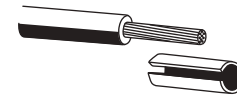
D3/3 Cutters and slitters.

D3/4 Slitting scissors and scissors for electricians.




• Original SES - JOKARI, with floating blade

- Rotating blade for circumferential and longitudinal cutting.
- Adjustable cutting depth with a red knurled nut.
- The cable to be stripped is positioned by a guiding vee with return spring.
- Handle of PA (polyamide)
- Special hardened steel blade.



Circular and longitudinal section

type	article number	capacity Ø mm	characteristics		
			length mm	weight g	
SES-JOKARI no. 70	0534 0007 000	52 to 65	190	130	1
SES-JOKARI no. 50	0534 0004 000	35 to 50	170	110	1
SES-JOKARI no. 35	0534 0005 000	28 to 35	155	100	1
SES-JOKARI no. 28H with hook-blade to part flat cables	0534 0001 000	8 to 28	170	75	1
SES-JOKARI no. 28G with straight blade	0534 0014 000	8 to 28	170	75	1
SES-JOKARI no. 27	0534 0008 000	8 to 28	130	70	1
SES-JOKARI no. 16	0534 0003 000	4 to 16	130	67	1
SES-JOKARI-blade	0558 0002 000	spare blade			1



Every tool is delivered with a spare blade in the handle.

The blade is adjustable to the insulation thickness.

• **SES-JOKARI UNI-PLUS** for electrical cables

- Circular section.
- Capacity: stripping on wires of \varnothing 8 mm to 13 mm.
- With two further blades for cables of 1,5 and 2,5 mm².
- Handle PA (polyamide).

type	article number	characteristics		
		length mm	weight g	
SES-JOKARI UNI-PLUS	0534 0031 000	130	48	1



• **SES-JOKARI N° 12** for circumferential stripping end on

- Circular section.
- Capacity: stripping on wire sections of 8 to 12 mm of external- \varnothing .
- Handle PA (polyamide).
- Special hardened steel blade.

type	article number	characteristics		
		length mm	weight g	
SES-JOKARI n°12	0534 0030 000	125	45	1



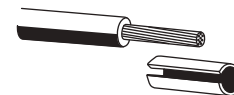
Circular section



• **SES-JOKARI SECURA 15** with retractable blade

- Capacity:
 - circular and longitudinal cut.
 - stripping on wire section of 8 to 13 mm external- \varnothing .
 - stripping on wire section of: 0,2 - 0,3 - 0,8 - 1,5 - 2,5 and 4,0 mm².
- Handle PA (polyamide).
- Hardened steel blade coated with titanium nitride (TIN).

type	article number	characteristics		
		length mm	weight g	
SES-JOKARI SECURA 15	0534 0016 000	125	50	1



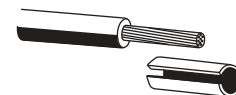
Circular and longitudinal section



• **SES-STAR-STRIPPER** multi-fonctions

- Jacket stripping, circumferential and longitudinal cutting without adjusting.
- Capacity:
 - cable stripping from 4 to 12 mm external \varnothing .
 - conductor stripping of 0,5 to 16 mm².
 - coax cables in 2 or 3 levels of \varnothing 4 to 8 mm.
- Handle PA (polyamide).
- Special hardened steel blade

type	article number	characteristics		
		length mm	weight g	
SES-STAR-STRIPPER	0534 0050 000	135	75	1




Circular and longitudinal section



KABIFIX LK 25 for cables with reinforced insulation

Material body: polyamide (PA)
Stripping capacity: Ø 6 to 25 mm
Weight: 100 g
Specifications: Stripping with transversal and longitudinal cut of optical fibre cables, coaxial and waterproof.
 Robust tool with a rotating blade a swivel knife.




type	art. no.	stripping Ø mm	
KABIFIX LK 25	0527 0010 000	6 → 25	1
Blade LK 25	0527 0015 000	spare blade	

KABIFIX FK 28 for cables in copper

Material body: polyamide (PA)
Stripping capacity: Ø 4 to 28 mm
Weight: 100 g
Specifications: Stripping with transversal and longitudinal cut of optical fibre cables, coaxial and waterproof.
 Robust tool with a rotating blade a swivel knife.



type	art. no.	stripping Ø mm	
KABIFIX FK 28	0527 0004 000	4 → 28	1
Blade FK 28	0527 0003 000	spare blade	

SES stripping tool for special cables



SES-COAXI N° 1 for coaxial cables

Material blades: titanium nitride treated steel
Material handles: polyamide (PA)
Capacity: Ø 4,8 to 7,5 mm, RG58 and RG59
Weight: 22 g
Length: 100 mm
Specifications: Stripping in two quick and easy steps:
 1) unsheathing of the outer insulation (side 1) and turn-up shield,
 2) stripping the interior insulation (side 2).



type	art. no.	unshielding Ø mm	
SES-COAXI n° 1	0534 0040 000	4,8 → 7,5	1

SES-JOKARI N° 14 for flat cables

Material blades: special treated steel
Material handles: polyamide (PA)
Unsheathing capacity: flat cables maxi. width 12 mm
Stripping capacity: conductor 0,8, 1,5 and 2,5 mm²
Weight: 48,5 g
Length: 124 mm
Specifications: Transversal and longitudinal cut.



type	art. no.	maxi. unshielding width (mm)	
SES-JOKARI n° 14	0534 0010 000	12	1

SES-JOKARI CAT 1 for data cables

Material blades: titanium nitride treated steel
Material handles: polyamide (PA)
Capacity: cables Ø 4,5 to 10 mm
Weight: 22 g
Length: 100 mm
Specifications: for data cable with PVC insulation and foil shield.
Transversal cut.
 Stripping in 2 steps: 1) external insulation. 2) strip.



type	art. no.	unshielding Ø mm	
SES-JOKARI CAT 1	0534 0041 000	4,5 → 10	1

SES-JOKARI FIBRE STRIP LC for optical fibre

Material blades: treated steel
Material handles: polyamide (PA)
Capacity: cables Ø 8,2 mm
Weight: 43 g
Length: 125 mm
Specifications: optical fibre cable (24x mono-mode). Bi-lateral
longitudinal section.



type	art. no.	unshielding Ø mm	
SES-JOKARI FIBRE STRIP LC	0534 0042 000	8,2	1

SES jacket strippers for large cables

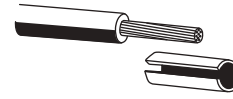


SES


• SES-COSSONAY cutters with guiding shoe

Blade with guiding shoe to cut insulation without damage to the conductors.

- Handle PA (polyamide).
- Hardened steel blade.



Circular and longitudinal section

type	article number	dimensions		weight g	
		length mm			
SES-COSSONAY	0538 0001 000	150		60	1
SES 98 55 for working under voltage up to 1000V.	0538 0003 000	180		68	1



New


• SES-3051 jacket remover with retractable blade

- lightweight, retractable blade with guiding security tip, to cut longitudinally cable insulations of maximum thickness 3,5 mm.
- insulated PA handle (PA - Polyamide).

EDF APPROVAL : FT-BT dismantling tool no. 536.



Longitudinal section

type	article number	dimensions		weight g	
		length mm			
SES-3051	0419 0001 000	170		90	1
SES-3051 blade	0419 0011 000	Complete set for SES-3051 with blade and support			1






• **SES-2016 slitting scissors with guide blade**

Highly-sharpened blade to slip under the outer insulation
Stripping of PVC or rubber insulated cables of medium to large sizes.

- Lacquered steel.


type	artide number	dimensions		weight g	
		length mm			
SES-2016	0502 0001 000	175		86	1



• **SES-1066 and SES-1915 wire scissors for electricians**

SES-1066: notched blade, to cut less resistant insulations and fine copper wires.

SES-1915: general use for wires with rubber or plastic insulation.
 - Hardened steel blades.

type	artide number	dimensions		weight g	
		length mm			
SES-1066	0503 0001 000	130		60	1
SES-1915	0503 0003 000	175		90	1



SES-1066

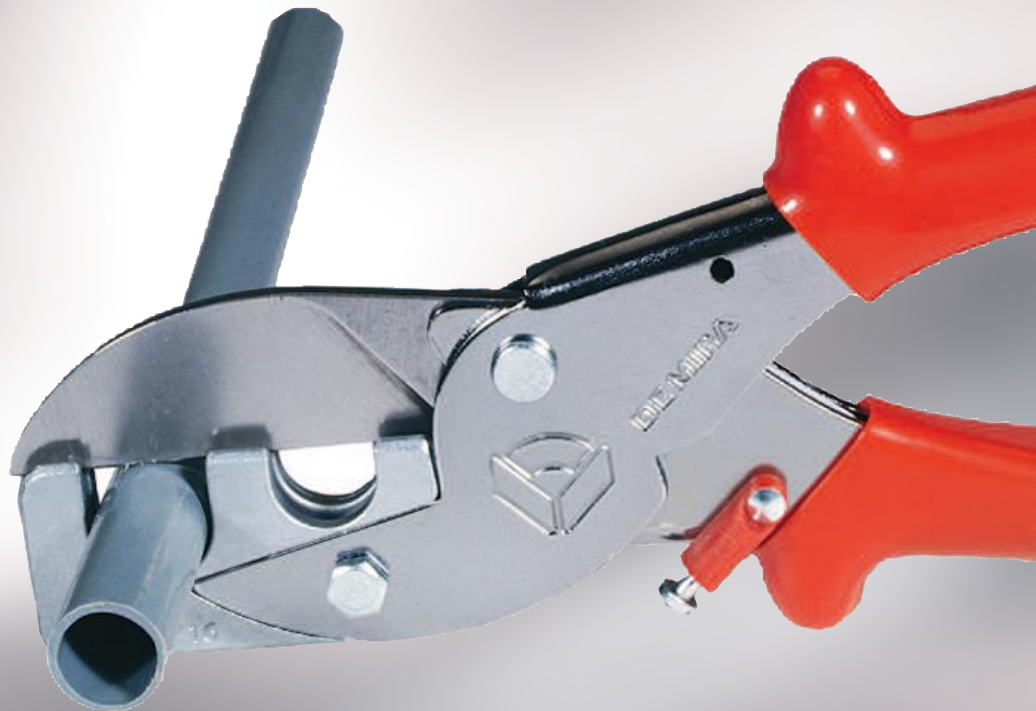
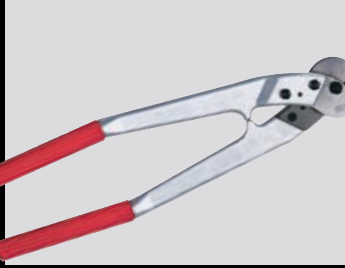


SES-1915



D4

Scissors and cable cutting tools





SES-STERLING is proud to present a wide range of cutting tools for many specific purposes. Our programme has been developed to meet the requirements of electricians, electronic engineers and motor manufacturers and mechanics.

On the following pages, we organised our tools according to the following criteria:

- D4/1 **Electricians shears and scissors** for all light wiring work and for cutting sleeving, insulating tapes and cords.
- D4/2 **Shears for copper and aluminium** best for preparation of equipment wire for stripping, crimping etc.
- D4/3 **Shears for steel and copper cables** are also recommended for the cutting of very tough cables and steel wire (piano wire).
- D4/4 **Gear reduction shears for steel and copper**, less cutting stress due to built in cam increasing opening capacity with special blades.
- D4/5 **Cutters and tools for the electronics industry** with mini-shears and end snips for straight or oblique cutting, plus special tools for electronic components.
- D4/6 **Special cutting tools** for mini trunking, panel trunking webs and conduits.
- D4/7 **Cross cutting machine LC 100**



• **SES 1066 - SES 1915 shears for electricians**

SES - 1066: notched blade.

- To cut flexible insulated conductors and fine copper wires.
- Long sharp blades with wire-cutter.

SES - 1915: for stripping (rubber and plastic).

- Very sharp blades.

All shears are made of:

- Forged steel.
- Polished blades.
- Varnished handles.




type	article number	length mm	weight g	
SES-1066	0503 0001 000	130	60	1
SES-1915	0503 0003 000	175	90	1

• **SES 47 - SES 48 universal shears**

- For paper, cardboard, fabrics, string, thin sheet metal, copper wires, leather, plastics, rubber, etc...
- For electrical and D.I.Y. work.

- Notched blades.
- In stainless steel.
- Shock-resistant plastic handles.
- Return spring.
- Locking mechanism on closed position.



type	article number	length mm	weight g	
SES-47	0559 0001 000	145	50	1
SES-48	0559 0002 000	190	130	1

• **SES - 49 cable shears for copper and aluminium conductors up to Ø 10 mm**

- Blades of special shape for cable cutting.
- Blades in stainless steel.
- Shock resistant plastic handles.
- Return spring.
- Locking mechanism on closed position.
- Cutting capacity: Ø 10 mm (say 4 x 1,5 mm²).
- Concave blade secures cable while cutting.



type	artide number	length mm	weight g	
SES - 49	0559 0003 000	170	110	1

• **SES ME - 22 cables shears for copper and aluminium conductors up to 22 mm²**

- Blades of special shape for cable cutting.
- Shock-resistant plastic handles.
- Shears in monobloc forged steel.
- Maximum cutting section: 22 mm².
- Concave blades hold cable while cutting.



type	artide number	length mm	weight g	
ME - 22	0518 0106 000	165	160	1

• **SES ME - 60 cable shears for copper and aluminium conductors up to 50 mm²**

- To cut copper conductors.
- Shear in forged monobloc steel.
- Maximum cutting section: 50 mm².
- Concave blades hold the cable tightly while cutting.
- Plastic handles.



type	artide number	length mm	weight g	
ME - 60	0518 0108 000	235	360	1

• **SES KT - 20 for copper and aluminium conductors (70 mm²)**

- Cut copper and aluminium cables.
- Insulated handles.
- Security locking mechanism.
- Less manual effort.
- Black forged steel.

type	maximum cutting capacity
Rigid copper	16 mm ²
Semi-rigid copper	35 mm ²
Flexible copper	70 mm ²
Solid cable	4 x 6 mm ²
Telephone cable	Ø 20 mm
Semi-rigid aluminium	70 mm ²




type	artide number	length mm	weight g	
SES KT - 20 shear	0595 0015 000	215	390	1

• **SES - 16 C cable shear for copper and aluminium conductors (Ø 20 mm)**

- Blades of high-grade steel.
- Insulated handles.
- Special blade shape:
Especially designed to cut copper cables of large section.
- Handles made of treated aluminium.
- Lightweight.
- All parts can be replaced.
- Cutting capacity: Copper and Aluminium Ø 20 mm.
- Swiss made.




type	artide number	length mm	weight g	
SES - 16 C shear	0509 0002 000	630	2300	1
Spare blades				
Blades for SES - 16 C	0509 0015 000			1 set

• **SES ME - 250 for copper and aluminium conductors (250 mm²)**

- Blades of high-grade steel.
- Insulated handles.
- Handles in aluminium alloy.
- Maximum cut section: 250 mm².




type	article number	length mm	weight g	
SES ME - 250 shear	0518 0101 000	600	1540	1
Spare blades for ME - 250	0518 0111 000			1 set

• **SES ME - 500 cable shear for copper and aluminium conductors (500 mm²)**

- Blades in high-grade steel.
- Insulated handles.
- Handles in aluminium alloy.
- Maximum cut section: 500 mm².



type	article number	length mm	weight g	
SES ME - 500 shear	0518 0102 000	800	2930	1
Spare blades for ME - 500	0518 0112 000			1 set



• **SES ME - 150 S cable shear for copper and aluminium conductors (150 mm²)
Insulated handles**

- To cut **copper conductors**.
- Insulated handles.
- Handles in **reinforced plastic**.
- Maximum cut section: **150 mm²**.




type	article number	length mm	weight g	
SES ME - 150 S shear	0518 0104 000	460	980	1

• **SES - 7 shear for steel and copper cables (up to Ø 5 mm)**

- In **high-grade steel**.
- Quick and **precise cut** of very tough stranded wire or electric cables.
- With **spring and locking mechanism**.
- **Insulated handles**.
- **Special cutting blades** with a very near axis, to perform cutting with **minimum effort**.
- All parts can be **replaced**.
- **Swiss made**.

type	maximum cutting capacity
Copper and alu. conductor	Ø 7 mm
Steel cable	Ø 5 mm
Spring steel	Ø 2,5 mm



type	article number	length mm	weight g	
SES - 7 shear	0509 0007 000	200	300	1


• **SES - 16 shear for steel and copper cables (up to Ø 14 mm)**

- Blades in **high-grade steel**.
- Handles in **treated aluminium**.
- **Insulated handles**.
- Special blade shape:
Especially designed to cut steel armoured cables.
- **Relatively light shear**.
- **All parts can be replaced**.
- **Cutting capacity:** steel cable Ø 14 mm.
- **Swiss made**.



type	maximum cutting capacity
Copper and alu. conductor	Ø16 mm
Steel cable	Ø14 mm
Spring steel	Ø 5 mm




type	article number	length mm	weight g	
SES - 16 shear	0509 0001 000	630	2300	1

• **SES MI - 60 shear for steel and copper cables** **Ø 7 mm**

- Blades in **high tensile steel**.
- To cut **copper conductors and steel cables**.
- **Handles** in **aluminium alloy and insulated**.
- **All parts can be replaced**.

type	maximum cutting capacity
Copper conductor	60 mm ²
Steel cable	Ø 7 mm
Steel rod	Ø 5 mm

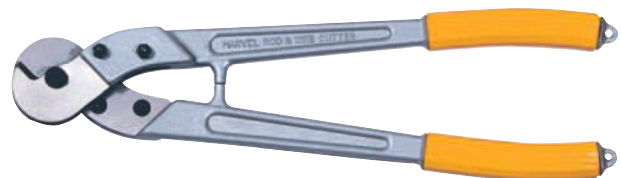



type	article number	length mm	weight g	
SES MI - 60 shear	0518 0107 000	310	730	1

• **SES MI - 100 shear for steel and copper cables** **Ø 10 mm**

- Blades in **high tensile steel**.
- To cut **copper conductors and steel cables**.
- **Handles** in **aluminium alloy and insulated**.
- **All parts can be changed**.

type	maximum cutting capacity
Copper conductor	100 mm ²
Steel cable	Ø 10 mm
Steel rod	Ø 7 mm




type	article number	length mm	weight g	
SES MI - 100 shear	0518 0110 000	445	1100	1
Spare blades for MI - 100	0518 0120 000			1 set

• **SES MSH - 65 shear for steel and copper cables** **Ø 16 mm**

- Special blades in hardened steel.
- For **steel** cables.
- **Handles** in **aluminium** alloy and **insulated**.
- **All** parts can be **replaced**.

type	maximum cutting capacity
Copper conductor	150 mm ²
Steel cable	Ø 16 mm
Steel rod	Ø 11 mm
Piano wire	Ø 4,5 mm




type	article number	length mm	weight g	
SES MSH - 65 shear	0518 0109 000	585	2250	1
Spare blades for MSH - 65				
	0518 0119 000			1 set

• **SES MI - 200 shear for steel and copper cables** **Ø 12 mm**

- Blades in **high tensile steel**.
- To cut **copper conductors** and **steel cables**.
- **Handles** in **aluminium** alloy and **insulated**.
- **All** parts can be **replaced**.

type	maximum cutting capacity
Copper conductor	150 mm ²
Steel cable	Ø 12 mm
Steel rod	Ø 9 mm




type	article number	length mm	weight g	
SES MI - 200 shear	0518 0103 000	600	1800	1
Spare blades for MI-200				
	0518 0113 000			1 set

• **SES-108 cable shears for copper and steel conductors - Ø 8 mm**

- Made of high-grade steel, for quick and precise cutting of high-tensile stranded or electrical cables.
- Reduction cam allowing to cut tough steel with less effort.
- Opening device to part blades so cables can be inserted easily.
- Handles in aluminium and insulated.
- Special blade shape to have a cutting axis near shearing axis, so less effort is needed to perform both actions.
- Swiss made.




type	article number	length mm	weight g	
SES-108 shear	0509 0003 000	560	1950	1
Spare blades				
Fixed blade for SES-108	0509 0021 000			1
Moving blade for SES-108	0509 0022 000			1

Maximum cutting capacity:
Copper and alu. conductors Ø 8 mm
Steel cable Ø 8 mm
Spring steel Ø 6 mm

• **SES-112 cable shears for copper and steel conductors - Ø 12,7 mm**

- Made of high-grade steel, for quick and precise cutting of high-tensile stranded or electrical cables.
- Reduction cam allowing to cut tough steel with less effort.
- Opening device to part blades so cables can be inserted easily.
- Handles in aluminium and insulated.
- Special blade shape to have a cutting axis near shearing axis, so less effort is needed to perform both actions.
- Swiss made.



type	article number	length mm	weight g	
SES-112 shear	0509 0004 000	730	3600	1
Spare blades				
Fixed blade for SES-112	0509 0031 000			1

Maximum cutting capacity:
Copper and alu. conductors Ø 12,7 mm
Steel cable Ø 12,7 mm
Spring steel Ø 8 mm

SES cutting tools for copper and aluminium conductors, with reduction system



SES

The cutting of cables with large diameters generally requires a greater force. Tool KNIPEX 95-31 with ratchet makes this work easier thanks to a "two phase mechanism" and a fixed support making it possible to use all the strength force of the arm.


Principle: with successive action of the handles, the ratchet closes the rack blade on the cable with little effort from the operator.

- For copper and aluminium cables, single and multicore copper.
- Polished head - PVC insulated handles.
- Smooth and clear cut without damaging the cable.
- One hand operation thanks to the ratchet system, minimal physical effort thanks to the light weight and compact construction.
- Insulated handles.
- The blade can be opened at any time by releasing the ratchet.

- Maximum cutting capacity:

Diameter	32 mm
Section	240 mm ²
Size	500 MCM




type	article number	length mm	weight g	
SES - KNIPEX 95 - 31 cable cutter	0726 0050 000	250	670	1
Spare blades				
Moving blade for SES - KNIPEX	0726 0051 000			1
Fixed blade with handle	0726 0052 000			1

• **Diagonal cutting tool 170 M Diagonal cutting tools**

- Ideal for cropping PCB components.
- Finely pointed blades for easier access to remote areas.
- Only for copper conductors up to Ø 2 mm.
- Insulated handles.
- Steel return spring.




type	article number	length mm	weight g	max. wire cutting Ø (mm)	
170 M tool	0532 0001 000	125	45	2	1

• **Diagonal cutting tool 1178 M for copper conductors**

- To cut cables and cable bundles.
- Suitable only for copper conductors up to Ø 1,6 mm.
- Insulated handles.
- Steel return spring.




type	article number	length mm	weight g	max. wire cutting Ø (mm)	
Return spring 4.51.174	0532 0005 000				1

• DX-110 shears for trunking

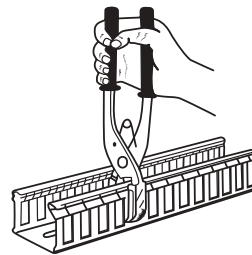
- With an adjustable guide device.
- Reduction system for a cut with less effort.
- A tool specially developed to cut all the cable trunking with side slits from the SES-STERLING programme.
- Cutting width of the trunking from 110 to 150 mm is done in 2 stages.
- Sharp blade in hardened steel.
- Non-slip handle.
- Ability for bias cut (marking guide to 45°).




type	artide number	length mm	weight g	
DX-110	0518 0918 000	275	665	1
Spare blade X110	0518 0919 000			1

• Cutting tool for trunking webs

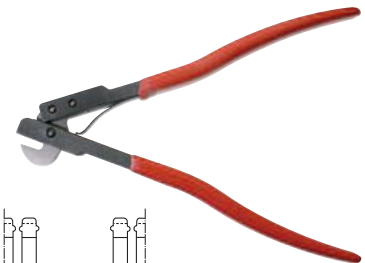
- Will cut trunking webs with little effort.
- Simultaneous cutting of 2 webs.
- For conduit trunkings.
- Sharp blade (width 21,5 mm).
- Body in steel and cast iron.



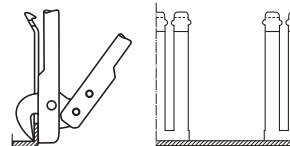
type	artide number	length mm	weight g	
DK-55	0518 0955 000	250	455	1
DK-55SP Isolated handles.	0518 0956 000	260	635	1

• DK-60 nibbling tool for trunkings

- To achieve base punching and slots. Insulated handles.
- Cut width 3 mm.
- 11 mm cut in one operation.



type	artide number	length mm	weight g	
DK-60	0518 0920 000	210	320	1



These shears of the CUT series are lightweight, easy to use and especially adapted for electrical work. They cut trunkings and plastic tubes easily and with little effort.

Ergonomical, lightweight and compact CUT tools are made of high-grade steel they are light in weight and easy to use. They are of little bulk.


- The eccentric rotating point for progressive cutting avoids expensive burring.
- All parts are easily interchangeable. The cutting blade is designed to be tough and longlasting.
- Handles are made of orange PVC.

CUT system for trunkings and plastic tubes



• CUT 3104 shears for diagonal cropping of trunking


- Ideal angle cut profiles of plastic, rubber or wood
- Cutting capacity: width 40 mm
height 25 mm
- Blade length: 60 mm

type	artide number	length mm	weight g	
CUT 3104 cutting tools	0518 0911 000	220	350	1
Spare blade				
CUT 3001 blade	0518 0930 000			1



• CUT 3105 cutting tool straight cut


- Same as CUT 3104 cutting tool but with diagonal cutting feature
- Ideal for the cropping of plastic, rubber or wood mouldings
- Blade length: 60 mm

type	artide number	length mm	weight g	
CUT 3105 cutting tool	0518 0912 000	210	330	1
Spare blade				
CUT 3001 blade	0518 0930 000			1



• **CUT 3204/90 cutting tools for profiles and tubes**


- To cut rectangular profiles: 25 x 45 mm
- rigid plastic conduit: up to Ø 25 mm
- Blade length: 60 mm

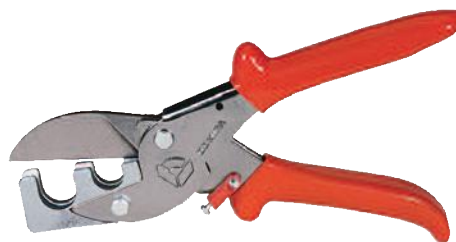
type	artide number	length mm	weight g	
CUT 3204/90 cutting blade	0518 0913 000	220	350	1
Spare blade				
CUT 3001 blade	0518 0930 000	1		



• **CUT 3204/16-19 cutting tool for tubes**


- To cut tubes: Ø 16 and 19 mm
- Blade length: 60 mm

type	artide number	length mm	weight g	
CUT 3204/16-19 tool	0518 0914 000	210	370	1
Spare blade				
CUT 3001 blade	0518 0930 000			1



• **CUT 3604 cutting tool for diagonal cutting up to 80 mm**

- To cut profiles up to: 80 mm
- Blade length: 85 mm

type	artide number	length mm	weight g	
CUT 3604 tool	0518 0916 000	260	450	1
Spare blade				
CUT 3001/85 blade	0518 0931 000			1





The LC 100 is suited for the cut of rigid cables up to 2,5 mm², flexible cables up to 10 mm² and tubes and profiles up to 8 mm.

The LC 100 is optimally suited for both, short runs and larger production runs thanks to its simple operation and rugged design.

The clear sensitive keyboard allows a fast programming of the length and desired quantity of cut.

Two driven transport rollers and separately running measurement rollers guarantee precise cutting length and do not crush the material.

A material change could not be simpler. As the front flaps swivel down, the drive and measurement rollers are automatically moved away from each other. The material being cut is inserted and when the front flap closes, the driven and measurement all rollers position themselves automatically.

With the software supplied with each LC 100 it is possible to process and document repeat cutting orders directly on the PC and to transfer them to the LC 100.

Technical properties:

Dimensions of the machine: Length: 194 mm
 Width: 295 mm
 Height: 227 mm
 Weight: 11 kg

Cutting capacity: • flexible cable: 0,08 - 10 mm²
 • hard cable: 0,08 - 2,5 mm²

Maximum diameter: 8 mm
 Size of the section: automatic
 Quantity of pieces: 1 - 999 pieces
 Length of the cut: 2 - 99999 mm
 Feed speed: max. 0,5 m/s
 Unit of measurement: mm
 Interface: RS232
 Mains connection: 100-240V / 60-50Hz
 Power: 80 VA



For more information, please consult our technical department.

Only sold in France.



Operating instruction in video