

Patented Stripping Tool

ABISOFIX

Stripping of:

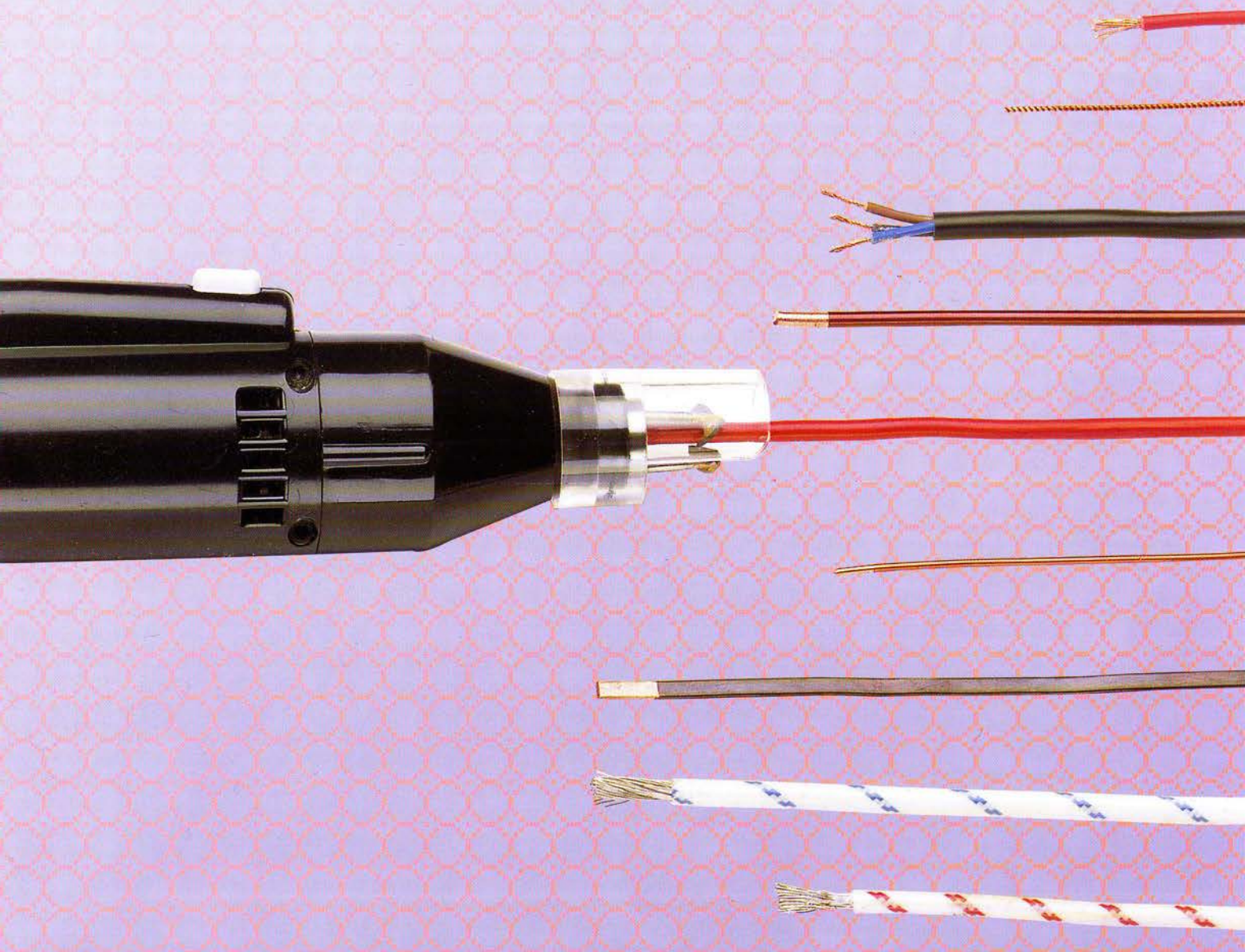
- Enamelled Copper Wire, Braided Wire
- Cables and Strip Wire

Twisting of:

- Stranded Wire
- Wires

Removal of:

- Oxygen Layers
- Varnish and Solder Metal



The Product Line

Standard Stripping Head

Stripping of enamelled and braided wires, also for mounted sleeveings.

Type:	Tools:	Diameter:
A1	MK1	0,2 – 0,8 mm
A3	MK3	0,6 – 2,0 mm
A5	MK5	1,2 – 4,5 mm

Strip Length Stop

Stripping of enamelled and braided wires, removal of oxidation layers. By means of the length stop "L" the stripping length can be adjusted from 3 to 40 mm. For longer stripping areas the length stop can be removed. The blade limiting "M" can be adjusted to a special wire gauge. There will be no damage to the wire and higher cycles can be achieved.

Type:	Tools:	Diameter:
A1LM	MK1LM	0,2 – 0,8 mm
A3LM	MK3LM	0,6 – 2,0 mm
A5LM	MK5LM	1,2 – 4,5 mm

Special Stripping Head

In special applications, especially with electronics, it may be necessary to strip very closely to a component (distance 0).

Type:	Tools:	Diameter:
AS	MKS	0,4 – 3,0 mm

Flat Set Blades

Stripping of cables and wires with a larger wall thickness. Only available with strip length stop and blade limiting.

Type:	Tools:	Diameter:
AFLM3	MK3FLM	0,6 – 4,0 mm
AFLM5	MK5FLM	2,0 – 5,0 mm

Small Stripping Head

Stripping and cleaning of wiring pins of varnish or solder metal. Fixes the measurement for armament of circuit boards. Minimum distance of pins 5 mm (conditionally 4 mm). Stripping length 0,5 to 30 mm. The pin diameter is slightly adjustable (calibrating).

Type:	Tools:	Diameter:
AK1	KMK1	0,5 mm
AK2	KMK2	0,6 mm
AK3	KMK3	0,7 mm
AK4	KMK4	0,8 mm
AK5	KMK5	0,9 mm
AK6	KMK6	1,0 mm
AK7	KMK7	1,1 mm
AK8	KMK8	1,2 mm

Hardened Milling Tool

Stripping of rectangular (strip) wire up to 18 mm. Wider materials can be stripped by staggered arrangement. Useful for general milling jobs such as removal of copper flakes from laminations in a stator.

Type:	Tools:
AF	MKF

Twisting Head

Type:	Tools:	Measure:
AV3	MKV3	0,2 – 2,5 mm ²
AV5	MKV5	2,5 – 6,0 mm ²

Twisting of stranded wires in order to convert them to a solid wire for inserting into terminals, sockets etc..



Twist Hook

Type:	Tools:	Diameter:
AVH	VH	up to 0,6 mm

For twisting of 2 or more wires by means of a wire loop. If required the twisted wires can be stripped jointly by means of a cutting head.



Power Pack

Type:	Technical Data:
NE42B	230 V, 50 Hz/10 – 40 V
NE42C	115 V, 60 Hz/10 – 40 V
USA	

A specially designed power pack for the *ABISOFIX* stripper with infinite speed control, constant voltage, smooth start-up and electronic overload protection.



Table Holder

Type:
ATE

The *ABISOFIX* Wire Stripper can be fixed to a table-top. Switching on and off is applied by a pneumatic foot-switch. Moreover, the motor stops immediately. This allows short cycles with batch production.



Drive

Type:	
AMO	drive alone
ADBW	with a bore of 2,8 mm

The *ABISOFIX* drive can be supplied alone. With the design "ADBW" it has a pierced shaft. The wire can be passed through the machine. Therefore it is possible to achieve longer stripping or tapping areas at required places.



Plexi-Glass Safety Guard

Type:
SHP

For safety reasons the *ABISOFIX* must be operated only with a safety guard fitted. Generally it is supplied with the unit but also available as spare part.

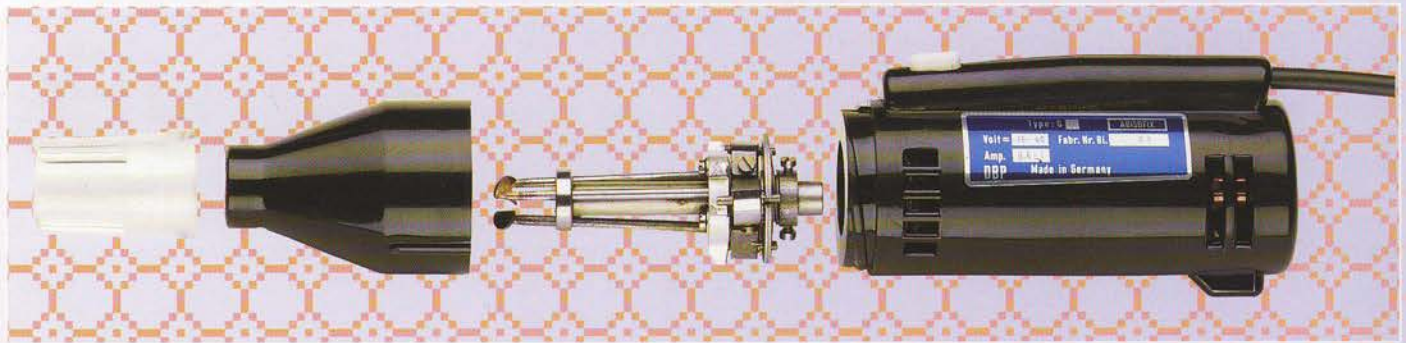


Spare Blades

Spare blades are available for all types. After wear and tear we recommend to send in the complete stripping head or the whole unit for overhauling. Blunt knives can be sharpened.



Patented Stripping Tool



The ABISOFIX Wire Stripper consists of:

1. Plexi-Glass safety guard
2. Casing cap
3. Stripping head
4. ABISOFIX drive

Dimensions:

Length 175 mm
Diameter 45 mm
Weight 450 gr

The Principle of the ABISOFIX Wire Stripper:

The ABISOFIX works at low voltage (long durability, electrically harmless) and is connected to the mains through an infinitely adjustable power pack. Three hardened metal blades of the stripper form a funnel. These will close on the wire from the largest to the smallest diameter, as the rotary speed increases. The magnet wire is fed between the blades to the required depth, the start button is pushed and the stripper slowly drawn away from the wire.

Due to a smooth start mechanism, the blades do not close jerkily but nestle gently against the material to be stripped. Only then is the necessary stripping pressure applied. Due to an infinitely adjustable rotary speed the blades may close to any specific required diameter.

For example a thin layer of enamel can be removed from a magnet wire without damaging the copper. The result is a neatly stripped copper wire. Turn off the machine and the ABISOFIX will stop automatically ready for the next job. According to the combination of materials to be stripped it is possible to preset the correct working speed at the power pack. With all additional tools, the working method is identical.

If you do have any stripping problems, please send a sample to your nearest ABISOFIX-dealer. He can offer solutions which would be beyond the scope of this leaflet.



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