

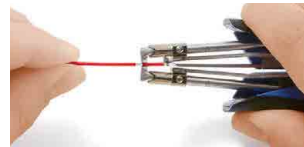
FT-802 ESD SAFE

Thermal Wire Stripper

Blade not included



- Thermal wire stripper for higher quality and more preciseness



- It can strip insulation with no nick.
- Even very fine AWG 38 can be stripped with standard blades.
- Space saving by the integration of station and holder



Connectable with handpiece for knife type blade

Knife type blade can strip the insulation of big cable with no nick.

FT-8003 ESD SAFE

Handpiece for knife type blade

Blade included



Specifications

| | |
|-------------------|--------|
| Model No. | FT-802 |
| Power consumption | 76 W |

Station

| | |
|----------------|-------------------------------|
| Output voltage | AC 20 V |
| Dimensions | 76 (W) × 159 (H) × 161 (D) mm |
| Weight | 1.6 kg |

Handpiece

| | |
|-------------------|-------------|
| Power consumption | 72 W (20 V) |
| Cord length | 1.6 m |
| Total length* | 153 mm |
| Weight* | 47 g |

* Without cord and blade

Packing List

| | |
|--------------------------|--|
| FT-802 | Station (with wire material indicator seal), Handpiece with lead adjuster (FT-8004), Hexagon socket set screw (M2.5 x 2.5 [qty 2]), Hexagon wrench (1.27 mm), Power cord, Instruction manual |
| FT-8003 (Conversion kit) | Handpiece (FT-8003), Knife blade, Handpiece holder, Blade removal tool, Connecting cable, Instruction manual |

| | |
|--------------------------|-------------|
| Model No. | FT-8003 |
| Power consumption | 46 W (24 V) |
| Tip to ground resistance | <2 Ω |
| Tip to ground potential | <2 mV |
| Cord length | 1.3 m |
| Total length* | 155 mm |
| Weight* | 27 g |

* Without cord and blade

Features

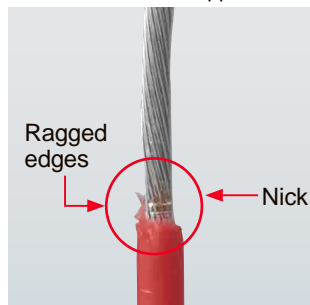
Thermal strip gives great sharpness.

FT-802



FT-802 can strip the insulation of AWG 38 wire with no nick.

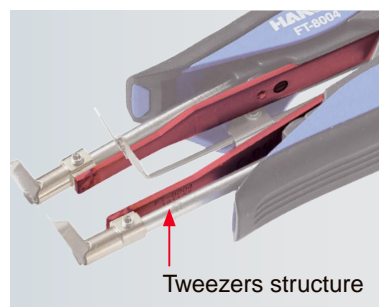
Conventional wire stripper



Conventional wire stripper could make ragged edges of insulation or damage strands.

Due to the tweezers structure, the cutting edges are always aligned.

The blades can be securely fixed by making the frame with tweezers structure.



Output setting by the unit of 5%

Easy to set optimum output level as per material



| Material | Output value (%) |
|----------|------------------|
| PVC | 10 |
| PE | 10 |
| PA | 20 |
| PVDF | 30 |
| ETFE | 40 |
| SI | 45 |
| PTFE | 55 |

* The above values are for reference.

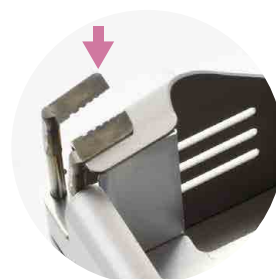
Blades are replaceable and a handpiece can be saved.

No need to replace a handpiece when blades get worn out. Blades can be easily replaced by using the hex-wrench (included in the unit) and the blade removal plate.

* The blades must be cool before replacement for safety.



Remove blades.



Put removed blades in the holder.

User-friendly display

Status of a handpiece at glance on the display.

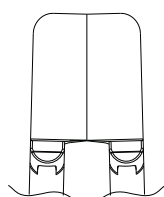
User-friendly design for reduction of stress during the work.



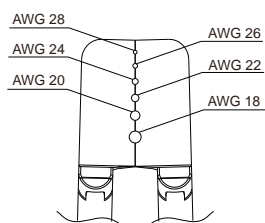
- ☐ A handpiece is correctly set in a holder.
- ☐ Same as the output value.
- ☐ Ready to work immediately.
- ☐ Auto sleep function will activate after passing the set time.

Optional Blades

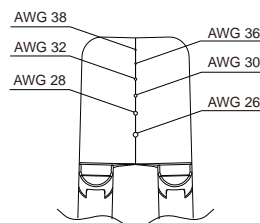
For FT-8004



G4-1601



G4-1602



G4-1603

For FT-8003 (option)



G3-1601

153 / 154

Lead Cutter and Former



- Lead cutter and former for axial components
- Can be used for forming and cutting, forming only, or cutting only

Cutting and Forming

| HAKKO 153 | HAKKO 154 |
|---|---|
| <p>Cutting and forming</p> <p>Max. $\phi 0.8$ mm Min. 0.8 mm Min. 5.6 mm Max. 37 mm Max. $\phi 5$ mm Min. 4.2 mm Max. 14.5 mm</p> | <p>Cutting and forming</p> <p>Max. $\phi 0.5$ mm Min. 0.5 mm Min. 5 mm Max. 37 mm Max. $\phi 5$ mm Min. 4.2 mm Max. 14.5 mm</p> |
| <p>Forming</p> <p>Min. 5.6 mm Max. 37 mm Min. 4.2 mm Max. 14.5 mm</p> | <p>Forming</p> <p>Min. 5 mm Max. 37 mm Min. 4.2 mm Max. 14.5 mm</p> |
| <p>Cutting</p> <p>Max. 50 mm</p> | <p>Cutting</p> <p>Max. 50 mm</p> |

Packing List

153, 154

Unit, Parts tray, Clamp, Handle, 2 mm Hexagon wrench, 2.5 mm Hexagon wrench, 3 mm Hexagon wrench, 4 mm Hexagon wrench, Instruction manual

Specifications

| Part No. | 153-1 | 154-1 |
|-----------------------|--|----------------------|
| Forming size | 5.6 mm pitch | 5 mm pitch |
| Diameter of lead wire | $\phi 0.8$ mm (max.) | $\phi 0.5$ mm (max.) |
| Lead wire* | For annealed copper lead wire only | |
| Outer width of tape | 85 mm (max.) | |
| Taping pitch | 5 mm | |
| Dimensions | 125 (W) \times 130 (H) \times 110 (D) mm | |
| Weight** | 2 kg | |

* These tools are not suited to work on components with lead frames (square lead).
** Including handle and clamp

155

Lead Cutter



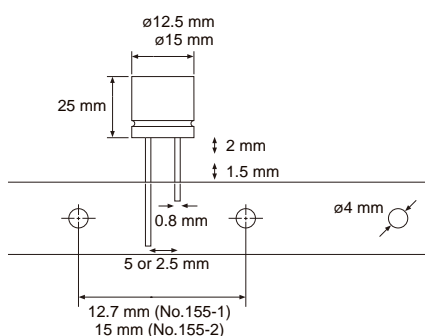
- Lead cutter for radial components

Packing List

155

Unit, Parts tray, Clamp, Handle, 2 mm Hexagon wrench, 2.5 mm Hexagon wrench, 3 mm Hexagon wrench, 4 mm Hexagon wrench, Instruction manual

Cutting



* Cutting only

Specifications

| Part No. | 155-1 | 155-2 |
|-----------------------|--|-------------------------------|
| Diameter of lead wire | $\phi 0.8$ mm (max.) | |
| Lead wire* | For annealed copper lead wire only | |
| Processing part size | $\phi 12.5 \times 25$ mm (max.) | $\phi 15 \times 25$ mm (max.) |
| Feed hole pitch | 12.7 mm | 15 mm |
| Lead pitch** | 5 mm, 2.5 mm | 5 mm |
| Processing size | 1.5 mm from taping end, 2 mm from component end (min.) | |
| Dimensions | 110 (W) \times 140(H) \times 125 (D) mm | |
| Weight*** | 1.7 kg | |

* These tools are not suited to work on components with lead frames (square lead).
** When shipped, the unit is set for components with a lead pitch of 5 mm.
*** Including handle and clamp

DIPLINER

Lead Straightener



- IC lead liner for correcting variable lead pitches
- Simple mechanism enables the adjustments with just one screw.
- Simply insert the IC case into the chute.

Packing List

| | |
|-------------------------------|--------------------------|
| FT100, FT150, FT200, FT300 | Unit, Instruction manual |
|-------------------------------|--------------------------|

Specifications

| Part No. | FT100 | FT150 | FT200 | FT300 |
|--------------------|---------------------|-------|------------------|-------|
| Width of IC | 7.5 mm | 10 mm | 15 mm | 19 mm |
| Number of IC leads | 8, 14, 16 18, 20 | 22 | 24, 28 40, 42 | 64 |

HAND TOOLS

Cutting pliers, pliers and tweezers



- Pliers are recommended to cut or process annealed copper wires for electronic parts and excellent sharpness and durability due to our unique heat-treatment
- Non-magnetic stainless-steel tweezers for electronic parts

Full flush cut to make cut surface extremely flat

Micro cutting pliers

Narrow cutting blades for tight spaces

Cutting pliers

Excellent wearing resistance and durability

Wires can be cut even at the lowest position of blades near to the joint.

HAKKO
product



General product



FT-600

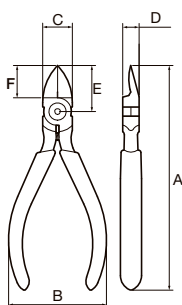


FT-601

Specifications

| Part No. | FT600-81 | | | FT601-81 | | |
|------------------|---------------|----|------|---------------|----|------|
| Cutting capacity | ø1.2mm (max.) | | | ø1.5mm (max.) | | |
| Dimensions (mm) | A | B | C | A | B | C |
| | 117 | 50 | 11 | 117 | 51 | 15.5 |
| | D | E | F | D | E | F |
| | 6 | 21 | 13.4 | 8.5 | 24 | 16.8 |

* Do not cut steel wire, or the blade edge gets nicked.



Smooth jaws for minimal damage on materials

Long needle nose pliers

Needle nose eases a work in tight spaces

Pliers

Great usability
Perfect to grasp and bend



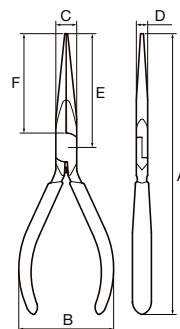
FT-620



FT-621

Specifications

| Part No. | FT620-81 | | | FT621-81 | | |
|-----------------|----------|----|------|----------|----|------|
| Dimensions (mm) | A | B | C | A | B | C |
| | 148 | 50 | 11 | 124 | 50 | 11 |
| | D | E | F | D | E | F |
| | 6 | 60 | 52.4 | 6 | 36 | 28.4 |



Precision tweezers / straight

Precision tweezers / bent



FT-640



FT-641

Specifications

| Part No. | FT640-81 | | FT641-81 | |
|-----------------|----------|---|----------|----|
| Dimensions (mm) | A | B | A | B |
| | 113 | 9 | 118 | 10 |



106

Cutting pliers, pliers



- Wire cutters/needle-nose pliers designed for general-purpose work
- Use in cutting copper and soft lead wires (do not use on hard drawn steel wires.)

MAX.Cu = Max. annealed copper lead wire cutting capability

Cutting tool for
flush cut with safety clip



Part No. 106-01

Cutting tool for
flush cut with angled blade



Part No. 106-02

Cutting tool for
flush cut with small blade

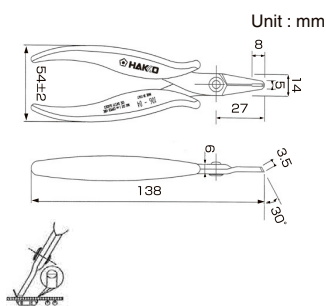
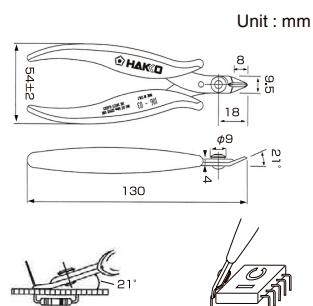
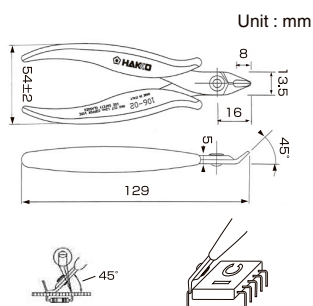
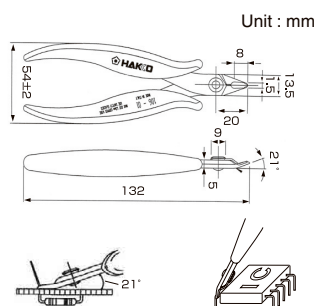


Part No. 106-03

Cutting tool for a front,
flush cut



Part No. 106-04

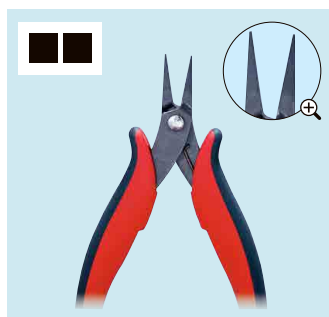


Cutting tool for flush cut



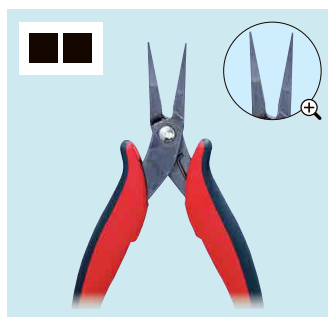
Part No. 106-05

Short nose pliers



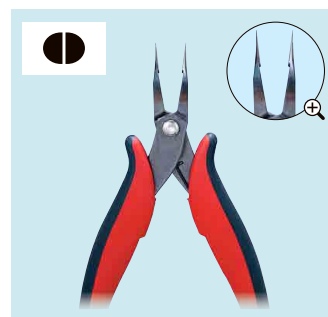
Part No. 106-06

Long nose pliers



Part No. 106-07

Bent nose pliers



Part No. 106-08

