

Cutters & Pliers

Wire strippers

Crimpers

Tweezers

Screwdrivers & Wrenches

Metal working

Parts boxes

Tool cases

Tool kits

Soldering irons & Solder

Parts & Solder removal equipment

Measuring instruments

Optical equipment

Antistatic products

Clean products

Chemical products

Maintenance & Safety products

Milling machine

Pattern cutters

Desk drill presses

Circular saws

PCB cutter

Band saw

Sheet metal bender

Drilling tools

Polishing pads

Pipe cutter

Files

Sand blaster

K-88 HAND NIBBLING TOOL

DISCON.

■ Cutting capacity *1: For copper and pure aluminum:
0.5 to 2.0 mm sheet thickness

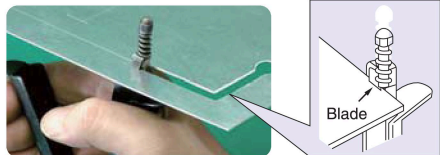
For steel sheet: 0.3 to 0.6 mm sheet thickness

■ OAL: 173mm

■ Weight: 190 g

* A 10 mmφ prepared hole is required for drilling.

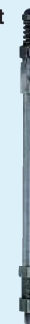
* 1 Restricted to materials which have not heat treated.



■ Replacement part

K-881
REPLACEMENT
BLADE

DISCON.

**K-83** CHASSIS PUNCH KIT

■ Hole-punching capacity *1

Aluminum sheet: Sheet thickness of 1.8 mm or less.
Steel sheet: Sheet thickness: 0.8 mm or less.

■ Set contents: Cutters 16 / 18 / 21 / 25, 30 mmφ; nut, center-bolt, K-441

■ Weight: 480 g (does not include case)

* 10 mmφ predrilling hole required.

* 1 Restricted to materials which have not heat treated.



Image of a case

**K-441 to K-444** TAPER REAMERS

Part no.	Sizes mmφ	Number of blades	Taper angle	OAL mm	Weight g
K-441	3 to 12	6	7°	124	65
K-442	3 to 16		10°		95
K-443	4 to 22	7	12°	149	155
K-444	4 to 32		20°		330



Rotate rightward to cut.



K-441

K-444

K-437 TAP

Part no.	Set contents	Nominal size	Pitch mm	Weight g
K-437-2	taper, plug, bottoming	M2	0.4	10
K-437-3		M3	0.5	15
K-437-4	3-piece set	M4	0.7	20
K-437-5		M5	0.8	30
K-437-6		M6	1	40



taper

plug

bottoming

K-437-5

K-431 TAP SET

■ Set contents: M3 × 0.5 / M4 × 0.7 / M5 × 0.8

■ Weight: 95 g

* 3 sizes of plug taps.

**K-437A / K-438A** TAP HANDLES

Part no.	Tap sizes mm	OAL mm	Weight g
K-437A	3 to 6	80	70
K-438A	2 to 10	210	150



K-437A



K-438A

⚠ Warning ● Always wear safety glasses when using this product.