

HAND TOOLS SUPER CUTTERS/HOBBY HAND TOOLS

Light & Compact.
Suitable for hobby work.



HOBBY HAND TOOLS YN/YP series

MINI NIPPERS
YN-1



MINI NIPPERS (FOR PLASTIC)
YN-3



MINI PLIERS
YP-1



MINI NIPPERS
YN-4



MINI PLIERS
YP-3



MINI PLIERS
YP-4



MINI NIPPERS

MODEL	Max. Cut Dia.	Length
YN-1	ø2.0 mm (copper wire)	118 mm
YN-3	ø2.0 mm (copper wire)	118 mm
YN-4	ø1.8 mm (copper wire)	125 mm

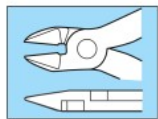
MINI PLIERS

MODEL	Max. Cut Dia.	Length
YP-1	ø1.2 mm (soft iron wire)	124 mm
YP-3	ø1.6 mm (soft iron wire)	145 mm
YP-4	ø1.6 mm (soft iron wire)	160 mm

Fabulous cutting ability.
Rockwell hardness HRC62.



SUPER CUTTERS YN-25AS

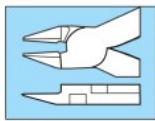
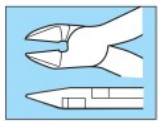


- Ball-bearing grade steel ●Black oxide coated to resist rust
- Anti-static model

Fabulous cutting ability.
Rockwell hardness HRC58.

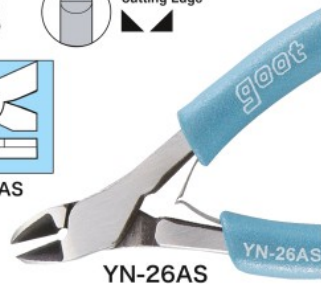


SUPER CUTTERS YN-26AS/27AS



YN-26AS

YN-27AS



- High-quality steel
- Anti-static model

MODEL	Max. Cut Dia.	Length
YN-25AS	ø1.3 mm (Copper wire)	122 mm
YN-26AS	ø1.3 mm (Copper wire)	122 mm
YN-27AS	ø1.0 mm (Copper wire)	122 mm

Depaneling tool for cutting PCB tabs.

AIR-POWERED DEPANELING TOOL YN-300

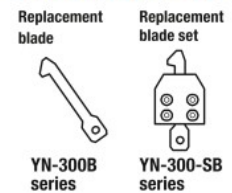


Blade not included.



- Uses compressed air. ●Easy continuous operation with compressed air. ●Suitable for many kinds of PCBs in small lot production.

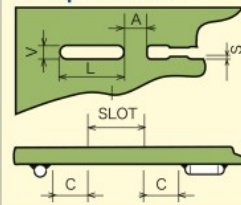
Replacement blade/ Replacement blade set



YN-300B series

YN-300-SB series

PCB Specifications



PCB thickness	1.6 mm max.
Slot length (L)	min. 13 mm – max. 70 mm
Slot width (V)	1.5 mm / 1.8 mm / 2.0 mm (Depends on blade)
Slot width tolerance	0–0.02 mm
Distance between slots (A)	1 mm–3 mm (tole. 0+0.1 mm)
Protrusion (S)	max. 0.05 mm
Lower area of PCB free of components (C)	1.9 mm min.

MODEL	Replacement blade set	YN-300-SB15	YN-300-SB18	YN-300-SB20
	Replacement blade	YN-300-B15	YN-300-B18	YN-300-B20
Blade Thickness		1.5 mm	1.8 mm	2.0 mm
Blade Material		Tempered steel		
PCB application size	A	1.5 mm	1.8 mm	2.0 mm
	B	1-3 mm		
	C	min. 13 mm-max. 70 mm		
	D	max. 1.6 mm		

Replacement blade

- Replacement blade 1.5 mm (LDPP15)
- YN-300-B15**
- Replacement blade 1.8 mm (LDPP18)
- YN-300-B18**
- Replacement blade 2.0 mm (LDPP20)
- YN-300-B20**

Replacement blade set

- Replacement blade set 1.5 mm (LPDPP15)
- YN-300-SB-15**
- Replacement blade set 1.8 mm (LPDPP18)
- YN-300-SB-18**
- Replacement blade set 2.0 mm (LPDPP20)
- YN-300-SB-20**

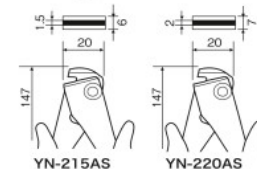
For depaneling PCBs

MANUAL DEPANELING TOOL

YN-210AS/215AS/220AS



- For depaneling PCBs with slits, or perforations.
- Only light force required. Less flex, and less stress. ●Applicable for CEM-3 PCBs



YN-215AS

YN-220AS

YN-210AS



MODEL	Length	Weight	Blade Thickness
YN-210AS			1.0 mm
YN-215AS	147 mm	95 g	1.5 mm
YN-220AS			2.0 mm

Specifications

	YN-210AS	YN-215AS	YN-220AS
A	1.1 mm or more	1.6 mm or more	2.1 mm or more
B	2.5 mm or less		
C	25 mm or more		
D	2.0 mm or less		

