



# PCBs & cards

## PCB Drills



### ACCESSORIES:

1mm Drillbit	1
2. 3mm Grinder Bit	2
2. 3mm Engraver bit	1
1, 2. 3mm collect	2

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

### TECHNICAL SPECIFICATIONS:

Power source	4x600AA ni-Cd battery or 4xUM-3 alkaline battery or 6V/1A AC/DC ADAPTOR
NOLOAD SPEED	10, 000 R. P. M
MAX EFFICIENCY	8, 000 P. P. M
CHUCK CAPACITY	1mm, 2-3mm
WEIGHT	150 grams w/0 batteries

Part No.	Product No.	Description
9481	MD-3000	PCB Drills



- RHINO TOLLS are specially designed for both professionals, DIY-carpentry and casual users.
- RHINO TOOLS series guarantee a reliable and satisfactory performance

Part No.	Product No.	Description
8119	RD-100	PCB Drills

## Drill Stand



Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

- 100x130x215
- This drill stand is designed specifically to hold the mini drill allowing the toll to be used like a drill press for precise hole drilling

Part No.	Product No.	Description
2510	265.030	PCB Drills

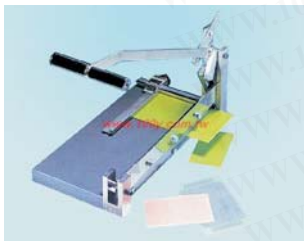
## Portable Desk-Top Safety Shear PCB Mini Shear

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### Sunhayato\_Portable Desk- Top Safety Shear

Part No.	Product No.	Manufacturer	Description	L* H(mm)	Wight(Kg)	Length of cut
29478	PC205	Sunhayato	Sunhayato_Portable Desk- Top Safety Shear	257*115mm	3.8Kg	200mm(Max.)



Designed primarily for the electronics industry, this handy desktop shear transforms the previously bothersome task of cutting printed circuit boards into one simple and safe operation. Material is cut cleanly and easily with a specially hardened, high quality steel cutting blade that insures maximum performance and long operating life. Unique design and rugged construction facilitates the cutting of many other materials such as PVC sheets, soft iron plates, aluminum and copper sheets, flat cables, etc.

### SPECIFICATIONS

- Fulcrum strut: 245mm (height)
- Lever Handle: 550mm (length)
- Weight: 11kg
- Length of cut (max) :350mkm

### Operating Features

- Two cutting edges are provided on each blade, thereby doubling the effective operating life of each blade before resharpening is necessary
- Efficient lever mechanism provides maximum cutting force with a minimum of effort
- Automatic safety latch prevents unintentional operation

Part No.	Product No.	Manufacturer	Description	L* H(mm)	Wight(Kg)	Length of cut
12430	PC300	Sunhayato	Sunhayato_Portable Desk- Top Safety Shear	550*245mm	11	350mm MAX

Description		Maximum thickness mm	Temperature	Observations
Printed circuit boards	Glass epoxy circuit boards	1.6	Normal temp.	Material can be sharply cut without preheating
	Glass epoxy composites	1.6		
	Flexible circuit boards			
	Paper phenol circuit boards	1.6	Heating	Preheating material to approx. 60°C (just barely touchable) is recommended to insure clean and precise cutting without cracking.
	Paper epoxy circuit boards	1.6		
Paper polyester circuit boards	1.6			
Resin plates	Bakelite plates	1.5	Heating	Pre-heating material will facilitate cutting, however the optimal temperature. Should be determined by test due to the wide variation of material characteristics. Overheating may actually impede cutting
	Polyvinyl chloride plates	2.0		
	Polyester plates	2.0		
Metal plates	Soft iron plates	0.8	Normal temp.	Do NOT attempt to cut even moderately hardened iron plates.
	Copper plates	0.5		
	Pure aluminum plates	1.0		
	Zinc plates	0.5		
Others	Corrugated fiberboards		Normal temp.	Particularly well-suited for cutting flat cable materials.
	Cardboards			
	Flat cables			

