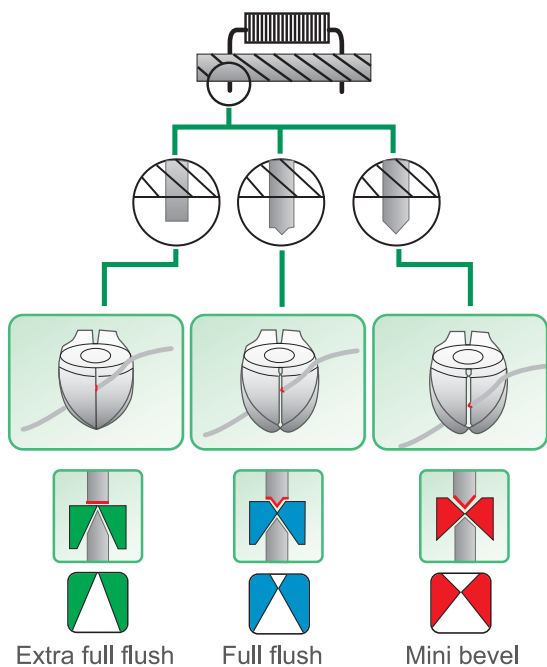




PRECISION PLIERS & CUTTERS

Pro'sKit® Precision Pliers

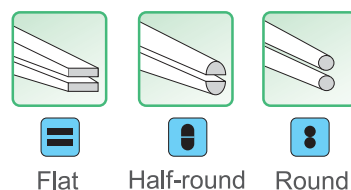
Cutting edge shapes:



All of Pro'sKit® pliers are made of high quality steel to ensure excellent performance and long life. A variety of materials are used for Pro'sKit® pliers, including: Middle Carbon Steel (S45C, S50C, S55C, SK7, SK5), High Carbon Steel (S60C), High Carbon Tool Steel (SAE 1085), Chrome Vanadium Steel (CrV, SAE 6168, SAE 6150), Chrome-molybdenum Vanadium Steel (SCM 440), Stainless Steel (AISI 420, 410, 420J2, 420K2).

- The overall lengths of most Precision Pliers range from 90 to 145mm (4" to 5-1/2") and are great for use on flattening, bending, holding and cutting precise electronic components, wires and PCB. They are also popular in the jewelry industry.
- The overall lengths of most Electrical Pliers range from 150 to 230mm (6" to 9"), suited for cutting various kinds of heavy duty metal wires, mainly used in electronic, automobile, building field.

Basic shapes of jaws :



Gripping surfaces:



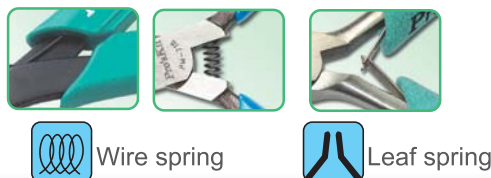
Finish of Pliers:



Handles:



Spring:



Pliers Technical Basics

Spring



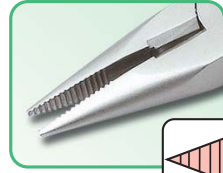
Wire Spring

Precision pliers with double leaf springs or wire spring to keep the handles always self-opening to supply smooth and efficient operation.



Leaf spring

Gripping surfaces



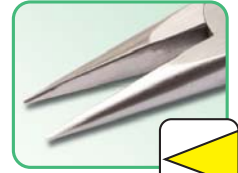
Serrated

Serrated jaws provide a good grip but serrations can mar jewelry when you exert force excessively.



Crosswise serrated

Crosswise serrated jaws provide the best grip, suited for pulling and cutting various kinds of heavy duty metal wires whatever in horizontal or vertical angles, but serrations will cause abrasion when exerting force too much.

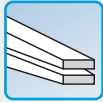


Smooth

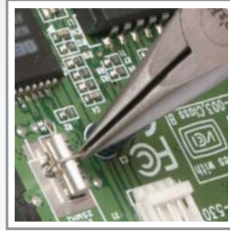
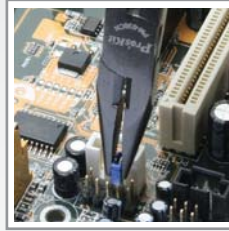
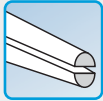
Smooth jawed pliers are unlikely to mar objects but do not provide good grip. Suited for flattening wire, flattening pins and precision assembly work.

Shapes of jaws:

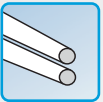
- **Flat jaws** : Mainly used in gripping and holding flat or square objects securely and for making angular bends. Insides of jaws may be smooth or serrated. Typically design for electric pliers and electronic flat nose pliers.



- **Half-round jaws** : Mainly used in holding objects, pulling wires and bending wires. Insides of jaws may be smooth or serrated. It is widely designed in various needle nose pliers.



- **Round jaws** : Mainly used in making bends, loops, circles, coils from wire or sheet metal. Tapered circular jaws are smooth so that they will not scratch or nick soft metals. It is popular in the jewelry industry



Cutting edge shapes:



Without bevel : This kind of cutting edge shape is usually designed in micro nippers, precision electronic pliers, plastic cutting pliers. Its blades are very sharp, suited for cutting soft wire up to $\varnothing 1.0\text{mm}$ (AWG 18).




Small outside bevel : This kind of cutting edge shape is usually designed in electronic pliers, suited for cutting soft wire, copper wire from 0.6 to $\varnothing 1.2\text{mm}$ (AWG 22 to 16) or small components.



Outside bevel : It is usually designed in electric pliers, needle pliers, suited for cutting thick copper wire or hard iron wire from $\varnothing 0.8$ to $\varnothing 1.6\text{mm}$ (AWG 20 to 14) or heavy duty metal pins.

Safety Caution



- When using cutting pliers, please wear protective goggles and gloves and beware of wire ends flying off.
- Each tool should only be used for its specified purpose.
- Only handles marked with the symbol  1000V are insulating.



Precision Stainless Steel Pliers Mirror Polished

- Made of stainless steel with mirror polished finish
- Leaf springs are spot welded to the tool handles to fix the jaws in a comfortable position
- Forged box joint construction gives strength and precision



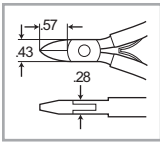
High grade alloy steel, hot drop forged, oil hardened and tempered for long life and perfect precision work

Dipped handle for user comfort



Individual packing: Blister Card

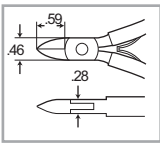
▶ 200-056 4 1/2" Semi-Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

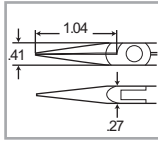
▶ 200-057 4 1/2" Full-Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

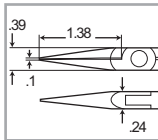
▶ 100-011 5" Needle Nose Plier



Unit: inch

Material	HRC Body	OAL. (mm/inch)

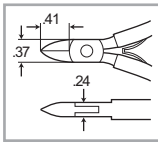
▶ 100-013 5 1/2" Needle Nose Plier



Unit: inch

Material	HRC Body	OAL. (mm/inch)

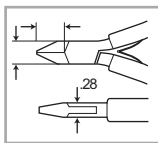
▶ 200-058 4 1/2" Slim Full Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	110/4.3

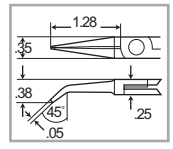
▶ 200-059 4 1/2" Full-Flush Straight Side Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

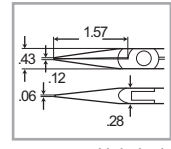
▶ **100-014 5 1/2" Bent Nose Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	135/5.3

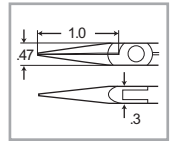
▶ **100-017 6" Needle Nose Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	145/5.7

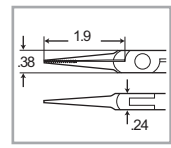
▶ **100-015 5 1/2" Flat-Nose Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	130/5.1

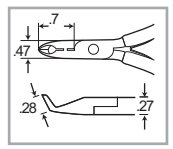
▶ **100-012 6" Needle Nose Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	140/5.5

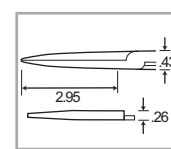
▶ **200-060 5" Flush Oblique Cutter Slim Tip Plier**



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45'±3'	Ø 0.8mm 20AWG	Ø 1.0mm 18AWG	Ø 1.6mm 14AWG	125/4.9

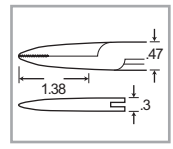
▶ **100-006 7 1/2" Long Nose Flat Blade Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	185/7.3

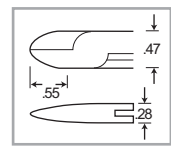
▶ **100-025 5" Long Nose Plier**



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48'±3'	140/5.5

▶ **200-067 5" Side Cutting Plier**



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	48'±3'	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	Ø 2.0mm 12AWG	125/4.9

Stainless Specialty Electronic Pliers

- Made of AISI420 stainless steel which assures cleanliness and corrosion-resistance.
- Dual color non-slip TPR handles for user comfort.
- Polyoxymethylene (POM) spring for self-opening action to supply smooth operation.



Made of high quality
AISI 420 stainless steel

Dual color non-slip
TPR handles

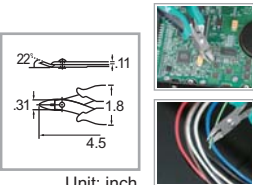


Polyoxymethylene
(POM) spring



Individual packing:
Blister Card

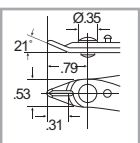
PM-396F Stainless Cutting Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
AISI 420	48°±3°	Copper Ø 1.3mm/16AWG	115/4.5

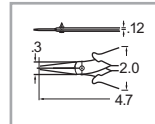
200-092 5" Micro Cutter



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
S55C	Body 52°±2' Cutting edge 60°±3'	Copper Ø 1.3mm/16AWG	130/5.1

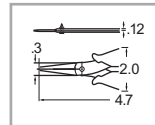
PM-396G Stainless Long Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

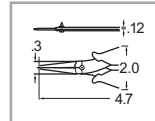
PM-396H Stainless Flat Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

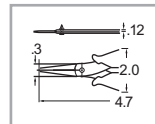
PM-396I Stainless Bent Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

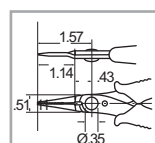
PM-396J Stainless Round Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

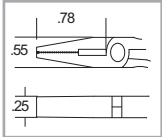
100-046 6" Long Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
S55C	Body 52°±2'	150/5.9

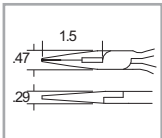
▶ PM-731 Mini Lineman's Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Cutting edge	Copper	
S45C	50°~55°	Ø 1.0mm	120/4.7

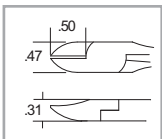
▶ PM-736 Long Nose Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Cutting edge	Copper	
S45C	50°~55°	Ø 1.0mm/18AWG	135/5.3

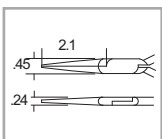
▶ PM-737 Diagonal Cutting Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Cutting edge	Copper	
S45C	50°~55°	Ø 1.0mm/18AWG	115/4.5

▶ PM-746 Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50°~55°	150/5.9

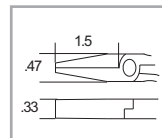
Precision Pliers

- High quality carbon steel S45C forged, hardened, finished with nickel plating for corrosion resistance.
- Spring-loaded for self-opening action to reduce fatigue during long term operation.
- Dual color, non-slip TPR handles for user comfort.
- Particularly designed for electronic and precision field.



Individual packing: Blister Card

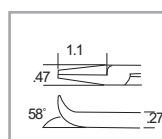
▶ PM-754 Flat Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50°~55°	138/5.4

▶ PM-755 Bent Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50°~55°	135/5.3

TESTERS

PRECISION PLIERS & CUTTERS

ELECTRICAL PLIERS & CUTTERS

KNIVES, SCISSORS & SAWS

CRIMPERS

STRIPPERS

PUNCHDOWN TOOLS

SOLDERING / ASSEMBLY

SCREWDRIVERS/ BITS

HEX KEY/ WRENCHES

SOCKET WRENCHES

TWEEZERS

Precision Pliers with Adjustable Screw

- Adjustable screw insures precise cuts every time.
- Made of high-quality 63CRM material, precise and durable
- Ergonomic, non-slip handle with dual colors ensures great operator comfort
- Leaf spring, energy saving design for efficient work



Individual packing: Blister Card

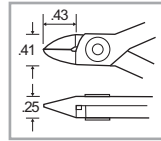


Smooth surface is cut
(By PM-721/PM-723)



Adjustable screw
(By PM-720/PM-721/PM-723)

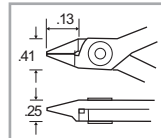
PM-721 Diagonal Flush Cutting Nipper



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body			
63CRM	55 \pm 3*		\varnothing 1.3mm/16AWG	115/4.5

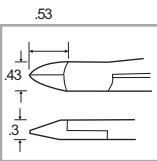
PM-723 Diagonal Flush Cutting Nipper



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body			
63CRM	55 \pm 3*		\varnothing 1.3mm/16AWG	115/4.5

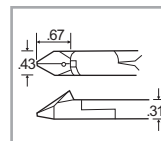
PM-727 Cutting Plier



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body			
SAE 6050	40 \pm 3*		\varnothing 1.3mm/16AWG	130/5.1

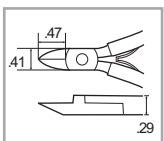
PM-728 Cutting Plier



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body			
SAE 6050	40 \pm 3*		\varnothing 1.3mm/16AWG	130/5.1

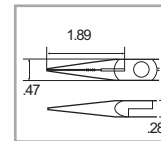
902-078 4 1/2" Precision Cutting Plier



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
AISI 6140	45 \pm 3*	61 \pm 3*	\varnothing 2.0mm/12AWG	120/4.7

902-079 5" Extra Long Nose Plier



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Copper	
AISI 6140	45 \pm 3*	61 \pm 3*	\varnothing 0.8mm/20AWG	\varnothing 2.0mm	155/6.1

ESD Safe Pliers and Cutters

- Made of high-quality carbon steel with nickel plating
- ESD safe, soft touch cushioned handle provides a secure hold and comfort.
- With double leaf springs for self-opening action

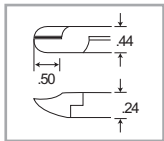


PK-ST902 4 Pc Ergonomic ESD Safe Plier And Cutter Kit



Contents	
PM-055CN	PM-023CN/PM-037CN/PM-036CN

PM-037CN 4 1/2" Diagonal Cutting Plier

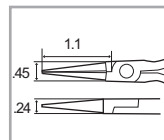


Unit: inch



Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	115/4.5

PM-029CN 5" Round Nose Plier

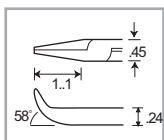


Unit: inch



Material	HRC: Body	OAL. (mm/inch)
S45C	43'±2'	127/5.0

PM-055CN 5" Bent Nose Plier



Unit: inch



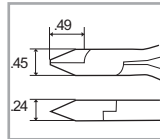
Material	HRC: Body	OAL. (mm/inch)
S45C	43'±2'	127/5.0

PM-023CN 4 1/2" Pointed Diagonal Plier



Cutting edge: HRC52'±2'

Material: Carbon steel with Nickel Plating, Body: HRC 43'±2'



Unit: inch

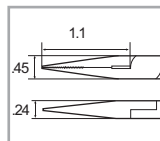


Individual packing:
Blister Card

Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	115/4.5

ESD safe cushioned grips for superior comfort and protection 10⁷~10⁹Ω

PM-036CN 5" Snipe Nose Plier

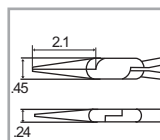


Unit: inch



Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	127/5.0

PM-046CN 6" Needle Nose Plier

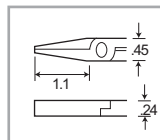


Unit: inch



Material	HRC: Body	OAL. (mm/inch)
S45C	43'±2'	150/5.9

PM-053CN 5" Flat Nose Plier



Unit: inch



Material	HRC: Body	OAL. (mm/inch)
S45C	43'±2'	127/5.0

TESTERS

PRECISION PLIERS & CUTTERS

ELECTRICAL PLIERS & CUTTERS

KNIVES, SCISSORS & SAWS

CRIMPERS

STRIPPERS

PUNCHDOWN TOOLS

SOLDERING / ASSEMBLY

SCREWDRIVERS/ BITS

HEX KEY/ WRENCHES

SOCKET WRENCHES

TWEEZERS

Non-Slip Handles Precision Pliers

- Clean and smooth cutting
- Lightweight design for easy operation
- Particularly designed for electronic and precision field



Material: S45C
Carbon steel

Nickel-iron plated



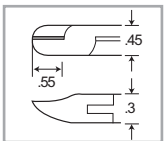
Wire spring for self-opening

Non-Slip handles
PVC plastic coated



Individual packing:
Blister Card

200-037 4 1/2" Diagonal Cutter Plier

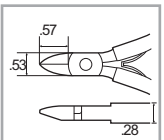


Unit: inch



Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±3'	48'±3'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	110/4.3

200-087 5" Heavy Duty Cutter

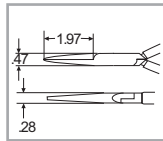


Unit: inch



Material	HRC		Application Hard steel	OAL. (mm/inch)	Individual packing
	Body	Cutting edge			
SAE 6140	45'±3'	62'±3'	Piano wire: Ø0.5mm (under HRC: 45')	125/4.9	Blister Card

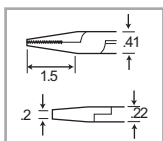
100-042 6" Needle-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43'±3'		150/5.9

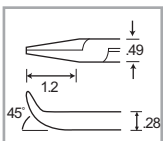
100-044 5" Flat-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43'±3'		135/5.3

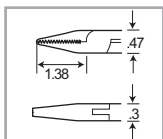
100-004 5" Bent-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43'±3'		130/5.1

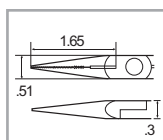
100-003 5" Needle-Nose Plier



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Copper	
S45C	43'±3'	48'±3'	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	136/5.4

100-040 5 1/2" Long Nose Plier

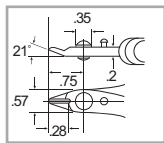


Unit: inch



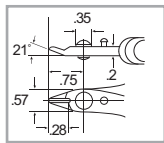
Material	HRC		Application Hard steel	OAL. (mm/inch)	Individual packing
	Body	Cutting edge			
SAE 6140	45'±3'	62'±3'	Piano wire: Ø1.2mm (under HRC: 45')	140/5.5	Blister Card

▶ 5" ESD Safe Cutter



Unit: inch

200-041



Unit: inch

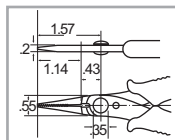
200-082



Safety clip design prevents flying leads, good for PC board lead trimming, or any soldered wire leads cutting to ensure user's safety.

Model No.	Material	HRC		Application Copper	OAL. (mm/inch)
		Body	Cutting edge		
200-041	S50C	50 \pm 3°	50 \pm 3°	\varnothing 2.0mm 12AWG	125/4.9
200-082					

▶ 100-007 5" ESD Safe Plier

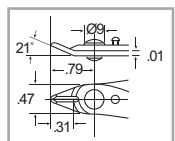


Unit: inch



Material	HRC		OAL. (mm/inch)
	Body	Cutting edge	
S50C	50 \pm 3°	50 \pm 3°	140/5.5

▶ 200-040 5" ESD Safe Micro Cutter

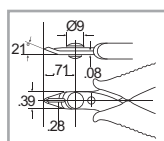


Unit: inch



Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
SK7	50 \pm 3°	50 \pm 3°	\varnothing 1.3mm 16AWG	130/5.1

▶ 200-083 5" Clean Cut Micro Nipper



Unit: inch



Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
SK7	50 \pm 3°	50 \pm 3°	\varnothing 0.8mm 20AWG	120/4.7

Specialty Electronic Pliers Conductive Handle

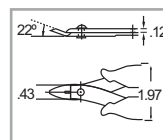
- Made from high carbon steel. Accurately machined, these high quality precision tools are designed for fine assembling and adjustment operations on electronic circuits.
- Provide easy work on high density PC board
- Conductive handle



Individual packing:
Blister Card

Conductive
handle 10°~10°

▶ PM-251 Cutting Plier

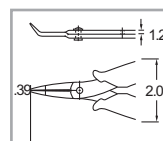


Unit: inch



Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
AISI 420J2	48 \pm 3°	48 \pm 3°	\varnothing 1.3mm 16AWG	122/4.8

▶ PM-252 Bent Nose Plier

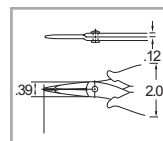


Unit: inch

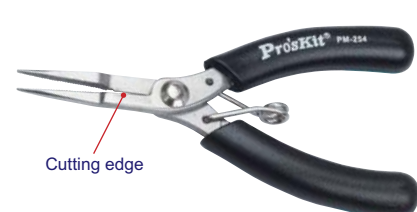


Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
AISI 420J2	43°~46°	43°~46°	\varnothing 1.0mm 18AWG	118/4.6

▶ PM-254 Long Nose Plier



Unit: inch



Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
AISI 420J2	43°~46°	43°~46°	\varnothing 1.0mm 18AWG	118/4.6

Specialty Electronics Pliers

High quality

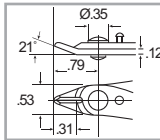
- Clean and smooth cutting
- Light for easy operation
- Particularly made for electronic and precision field
- Cut copper wire only

Material: SK7
High carbon steel
Hardness: HRC50*



Individual packing: Blister Card

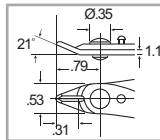
▶ 200-002 5" Economy Flush Cutter



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK7	50±3*	50±3*	Ø 1.6mm 14AWG		125/4.9

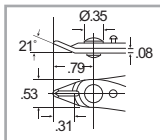
▶ 200-071 5" Precision Flush Cutter



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK7	50±3*	50±3*	Ø 1.3mm 16AWG		130/5.1

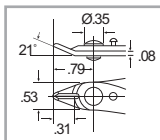
▶ 902-077 5" Micro Cutting Plier



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK5	50±3*	55±3*	Ø 1.6mm 14AWG		130/5.1

▶ 200-088 5" Micro Cutter



Unit: inch

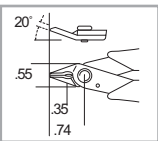
Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Soft steel	Copper	
SK5	50±3*	55±3*	Ø 0.8mm /20AWG	Ø 1.6mm 14AWG	130/5.1

▶ 200-080 2 in 1 Wire Stripper/Cutter



Material	HRC Body	Application	OAL. (mm/inch)
AISI 420	48±3*	Cutter: Ø1.2mm Stripper: 0.4-1.6mm ² (26-14AWG)	130/5.1

▶ 902-011 5" Micro Cutter



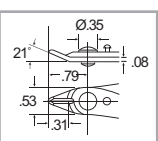
Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK5	48±3*		Ø 1.2mm 16AWG		125/4.9

▶ 902-075/902-076 5" Micro Cutting Plier



902-076 with safety clip
Safety clip design prevents flying leads, good for PC board lead trimming, or any soldered wire leads cutting to ensure user's safety.



Unit: inch



Model No.	Material	HRC		Application		OAL. (mm/inch)
		Body	Cutting edge	Soft steel	Copper	
902-075	SK5	50±3*	50±3*	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	130/5.1
902-076						