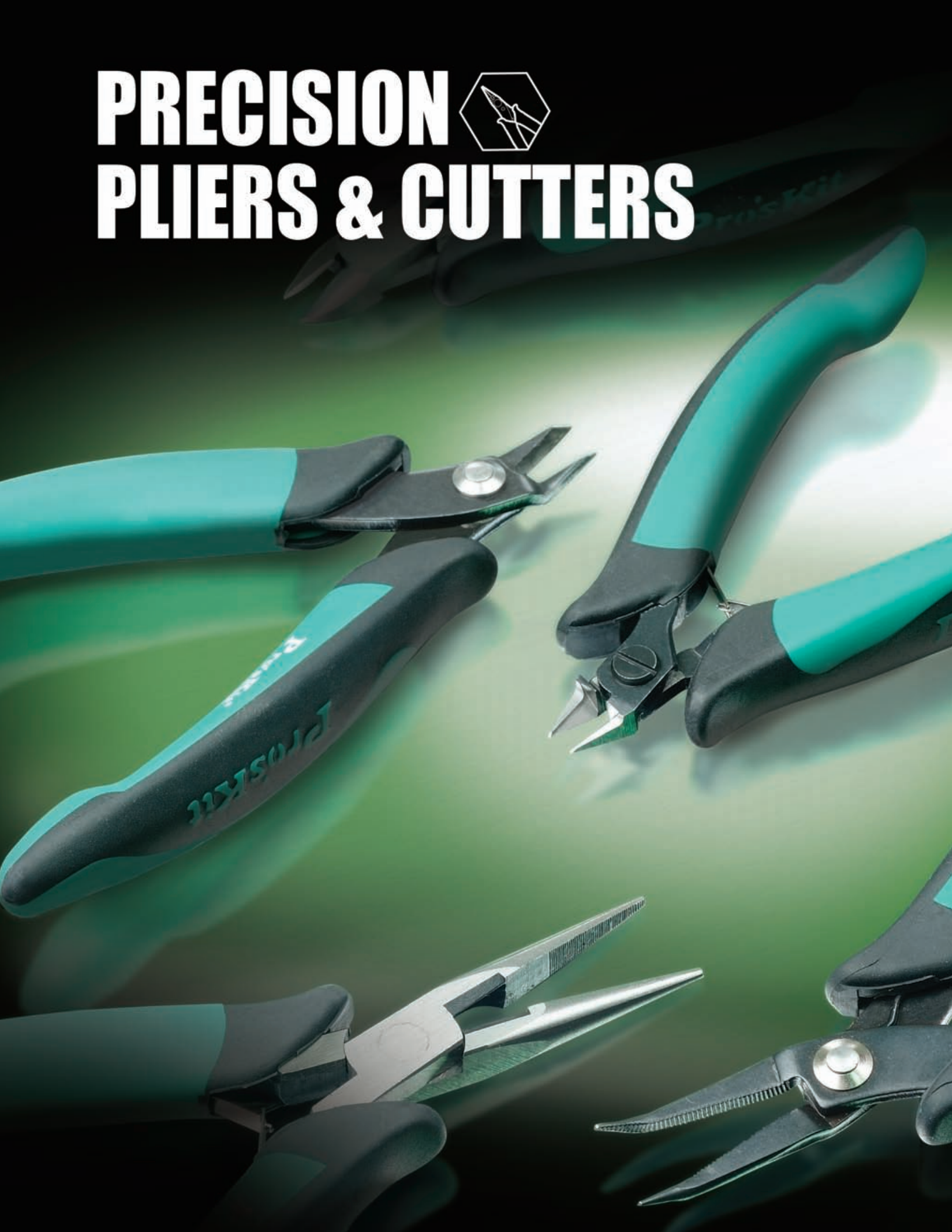
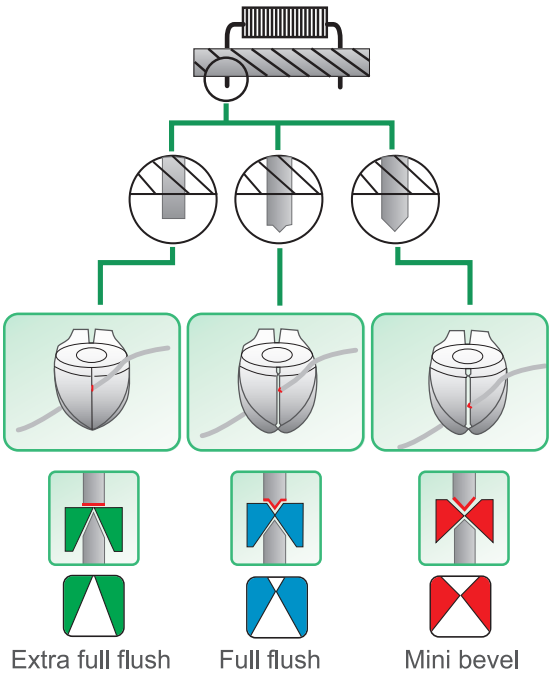
PRECISION PLIERS & CUTTERS



Pro'sKit® Precision Pliers

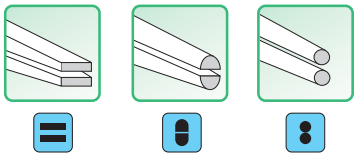
Cutting edge shapes:



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:


Mirror polished surface


Nickel-iron plated


Black oxide finished


Fine finished


Black finished and local polished

Handles:


Plastic coated handle


Plastic sleeve handles


Dual color sleeve handles


ESD-safe sleeve handles


Insulated with dual color sleeve handles

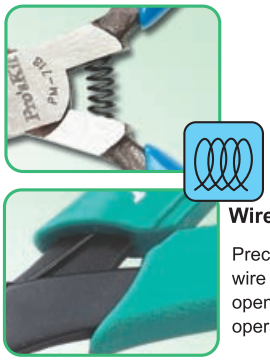
Spring:


Wire spring

Leaf spring

Pliers Technical Basics

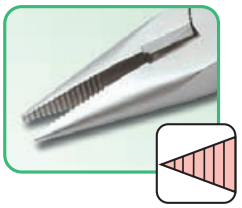
Spring



Wire Spring **Leaf spring**

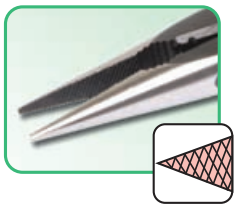
Precision pliers with double leaf springs or wire spring to keep the handles always self-opening to supply smooth and efficient operation.

Gripping surfaces



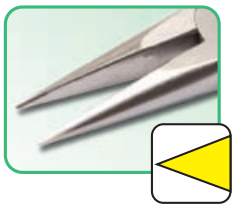
Serrated

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

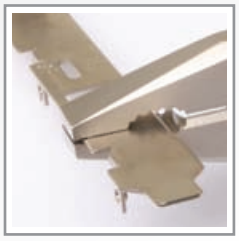
Smooth jawed pliers are unlikely to mar objects but do not provide good grip. Suited for flattening wire, flattening pins and precision assembly work.

Shapes of jaws:

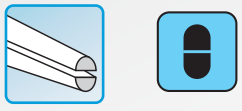
- **Flat jaws :** Mainly used in gripping and holding flat or square objects securely and for making angular bends. Insides of jaws may be smooth or serrated. Typically design for electric pliers and electronic flat nose pliers.

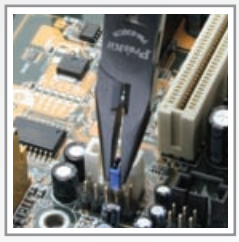






- **Half-round jaws :** Mainly used in holding objects,pulling wires and bending wires. Insides of jaws may be smooth or serrated. It is widely designed in various needle nose pliers.





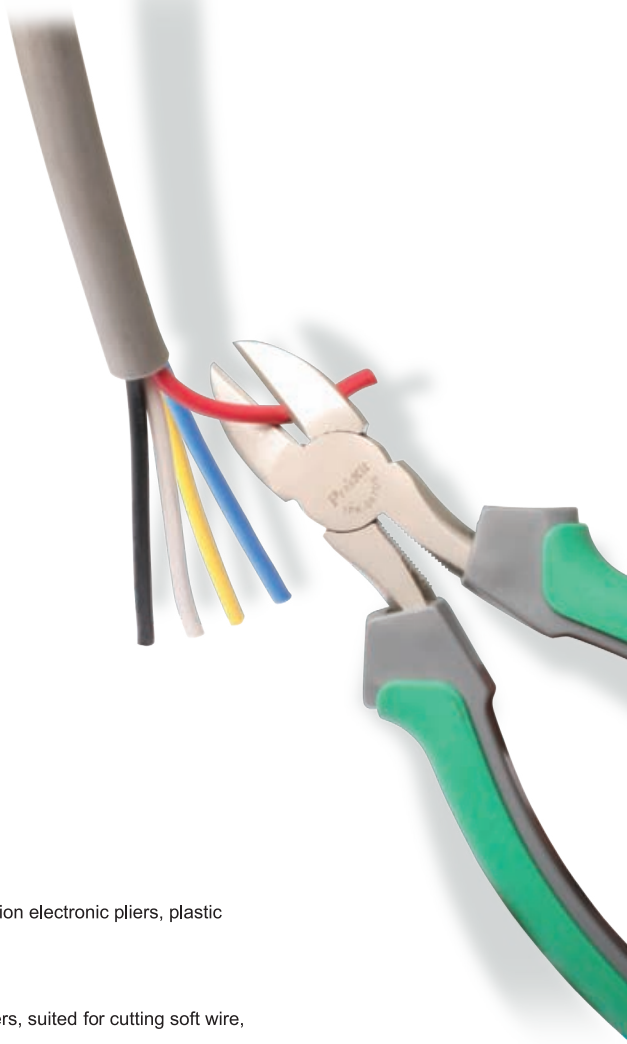


- **Round jaws :** Mainly used in making bends, loops, circles, coils from wire or sheet metal. Tapered circular jaws are smooth so that they will not scratch or nick soft metals. It is popular in the jewelry industry









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 Ø1.0mm(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 Ø1.2mm (AWG 22 to16) 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 Ø 0.8 to Ø1.6mm (AWG 20 to14) or heavy duty metal pins.

Safety Caution

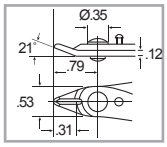


- When using cutting pliers, please wear protective goggles and gloves and beware of wire ends flying off.
- Each tool should only be used for its specified purpose.
- Only handles marked with the symbol VDE 1000V are insulating.



200-002 5" Economy Flush Cutter



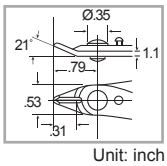


Unit: inch

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



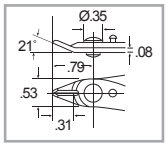


Unit: inch

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



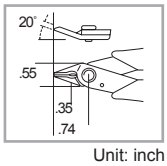


Unit: inch

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

902-011 5" Micro Cutter





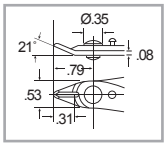
Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	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 stee	Copper	
902-075	SK5	50˚±3˚	50˚±3˚	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	130/5.1
902-076						

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˚

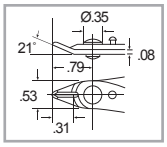




Individual packing: Blister Card

200-088 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:0.4~1.6mm² (26~14AWG)	130/5.1

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

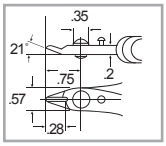
RoHS COMPLIANT






Individual packing: Blister Card

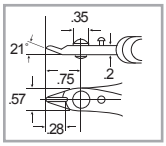
5" ESD Safe Cutter



Unit: inch



200-041



Unit: inch



200-082
with safety clip

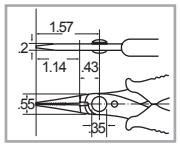


Safety clip design prevents flying leads, good for PC board lead trimming, or any soldered wire leads cutting to ensure user's safety.

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

100-007 5" ESD Safe Plier



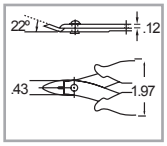


Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
S50C	50˚±3˚	140/5.5

PM-251 Cutting Plier



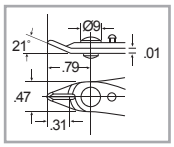


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
AISI 420J2	48˚±3˚	Ø 1.3mm 16AWG	122/4.8

200-040 5" ESD Safe Micro Cutter



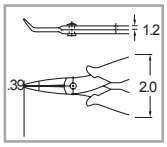


Unit: inch

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

PM-252 Bent Nose Plier



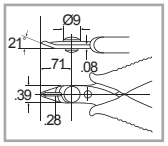


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
AISI 420J2	43˚~46˚	Ø 1.0mm 18AWG	118/4..6

200-083 5" ESD Safe Clean Cut Micro Nipper

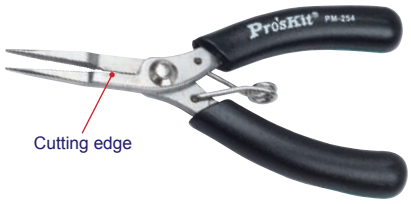


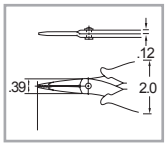


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
SK7	50˚±3˚	50˚±3˚	Ø 0.8mm 20AWG	120/4.7

PM-254 Long Nose Plier





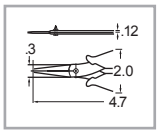
Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
AISI 420J2	43˚~46˚	Ø 1.0mm 18AWG	118/4.6

PM-396G Stainless Long Nose Plier







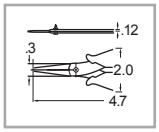
Unit: inch

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

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.









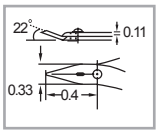
Individual packing: Blister Card

PM-396K Stainless Cutting Plier





Super Slim



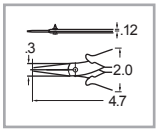
Unit: inch

Material	HRC	Application	OAL. (mm/inch)	Individual packing
		Copper		
AISI 420	48°±3°	Ø 0.1-1.0mm	115/4.53	Blister Card

PM-396I Stainless Bent Nose Plier







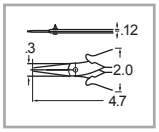
Unit: inch

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

PM-396J Stainless Round Nose Plier







Unit: inch

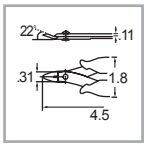
Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

PM-396F Stainless Cutting Plier





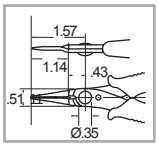




Material	HRC	Application	OAL. (mm/inch)
		Copper	
AISI 420	48°±3°	Ø 1.3mm/16AWG	115/4.5

100-046 6" Long Nose Plier



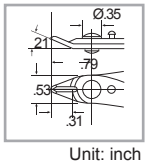


Unit: inch

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

200-092 5" Micro Cutter





Unit: inch

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

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

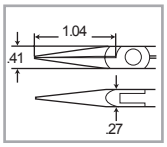




Individual packing: Blister Card

100-011 5" Needle Nose Plier



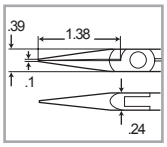


Unit: inch

Material	HRC Body	OAL. (mm/inch)
AISI 420	45˚±3˚	125/4.9

100-013 5 1/2" Needle Nose Plier



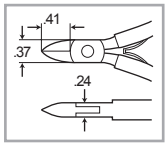


Unit: inch

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

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



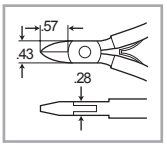


Unit: inch

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

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



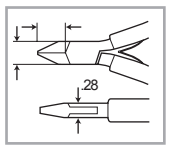


Unit: inch

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

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



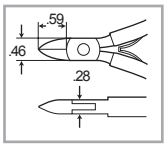


Unit: inch

Material	HRC Body	Application Hard steel	Application Soft steel	Application Copper	OAL. (mm/inch)
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



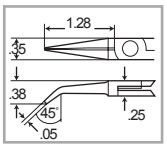


Unit: inch

Material	HRC Body	Application Hard steel	Application Soft steel	Application Copper	OAL. (mm/inch)
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



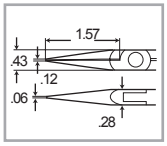


Unit: inch

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

100-017 6" Needle Nose Plier



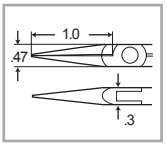


Unit: inch

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

100-015 5 1/2" Flat-Nose Plier



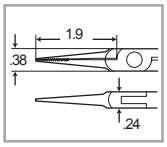


Unit: inch

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

100-012 6" Needle Nose Plier



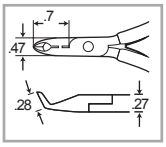


Unit: inch

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

200-060 5" Flush Oblique Cutter Slim Tip Plier



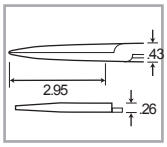


Unit: inch

Material	HRC	Application			OAL. (mm/inch)
	Body	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



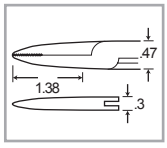


Unit: inch

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

100-025 5" Long Nose Plier



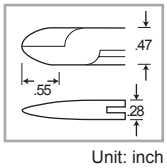


Unit: inch

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

200-067 5" Side Cutting Plier





Unit: inch

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

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.

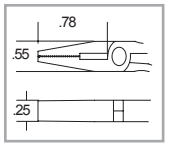
RoHS COMPLIANT



Individual packing: Blister Card

PM-731 Mini Lineman's Plier



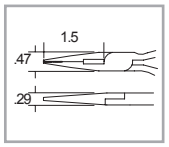


Unit: inch

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

PM-736 Long Nose Plier



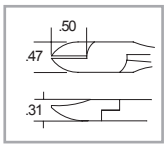


Unit: inch

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

PM-737 Diagonal Cutting Plier



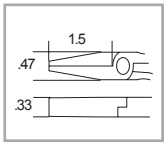


Unit: inch

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

PM-754 Flat Nose Plier



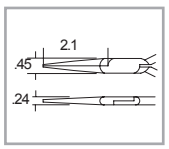


Unit: inch

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

PM-746 Needle Nose Plier



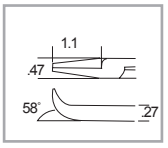


Unit: inch

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

PM-755 Bent Nose Plier





Unit: inch

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

PM-808 Plastic Cutting Plier

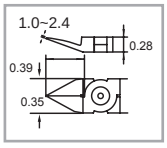
RoHS COMPLIANT



Perfect for cutting parts off the sprue/Runner/Gate

- Made of high carbon steel with fine polish finish.
- Perfectly aligned cutter blades, all cutting edges tempered and hardened.
- Tapered and relieved head is thin and slim allowing use in hard to reach areas.

Material		HRC		Application	OAL. (mm/inch)
Body	Handle	Body	Cutting edge	Copper	
High carbon steel	PVC	45˚±2˚	59˚±2˚	Ø 0.3-1.3mm	117/4.61



Unit: inch



Super Slim Style



Cut off parts from sprue

100-042 6" Needle-Nose Plier

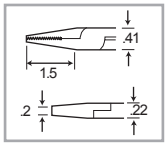


Unit: inch

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

100-044 5" Flat-Nose Plier



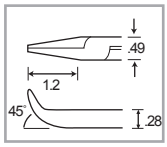


Unit: inch

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

100-004 5" Bent-Nose Plier



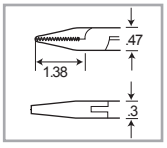


Unit: inch

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

100-003 5" Long-Nose Plier



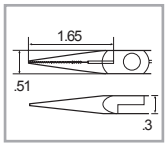


Unit: inch

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





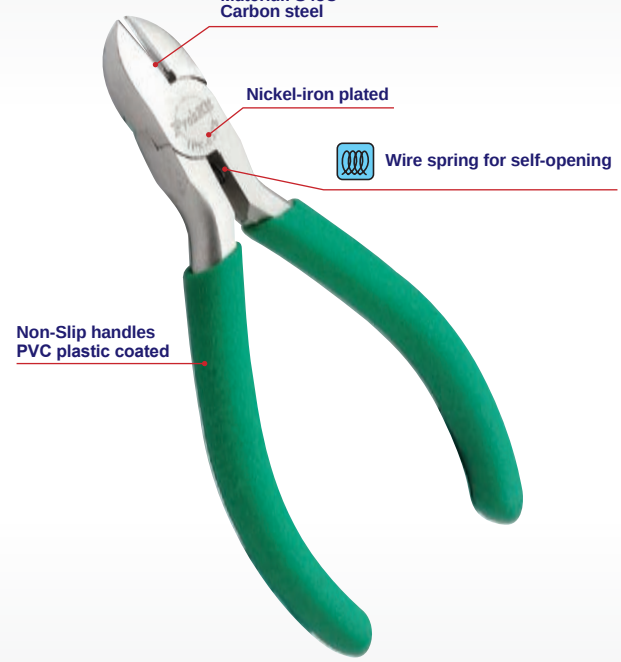


Unit: inch

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

Non-Slip Handles Precision Pliers

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

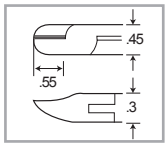




Individual packing: Blister Card

200-037 4 1/2" Diagonal Cutter Plier



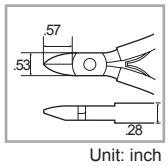


Unit: inch

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

PRECISION CUTTERS

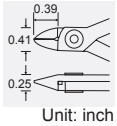
RoHS COMPLIANT

- Ergonomic, non-slip handle with ensures great operator comfort.
- Leaf spring, energy saving design for efficient work.



PM-760 Diagonal Cutters Oval Head



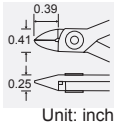


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.2-1.3mm	115/4.53

PM-761 Diagonal Cutters Oval Head



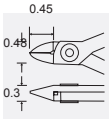


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-771 Diagonal Cutters Oval Head



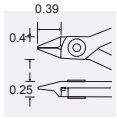


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-763 Diagonal Cutters Tapered And Relieved Head



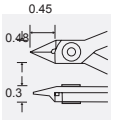


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-773 Diagonal Cutters Tapered And Relieved Head



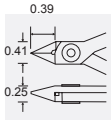


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-764 Diagonal Cutters Tapered Head



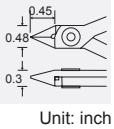


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-774 Diagonal Cutters Tapered Head



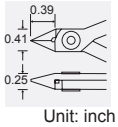


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.1-1.3mm	115/4.53

PM-765 Diagonal Cutters Tapered Head





Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55°±3°	55°±3°	Ø 0.2-1.3mm	115/4.53

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



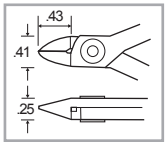
Smooth surface is cut (By PM-721/PM-723)



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

PM-721 Diagonal Flush Cutting Nipper



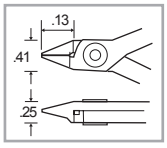


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
63CRM	55˚±3˚	Ø 1.3mm/16AWG	115/4.5

PM-723 Diagonal Flush Cutting Nipper



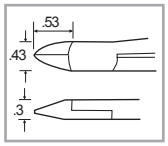


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
63CRM	55˚±3˚	Ø 1.3mm/16AWG	115/4.5

PM-727 Cutting Plier



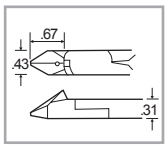


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
SAE 6050	40˚±3˚	Ø 1.3mm/16AWG	130/5.1

PM-728 Cutting Plier



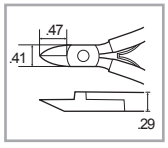


Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
SAE 6050	40˚±3˚	Ø 1.3mm/16AWG	130/5.1

902-078 4 1/2" Precision Cutting Plier



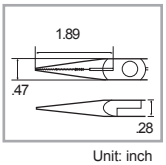


Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
AISI 6140	45˚±3˚	61˚±3˚	Ø 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˚±3˚	61˚±3˚	Ø 0.8mm/20AWG	Ø 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
- Individual packing: Blister card

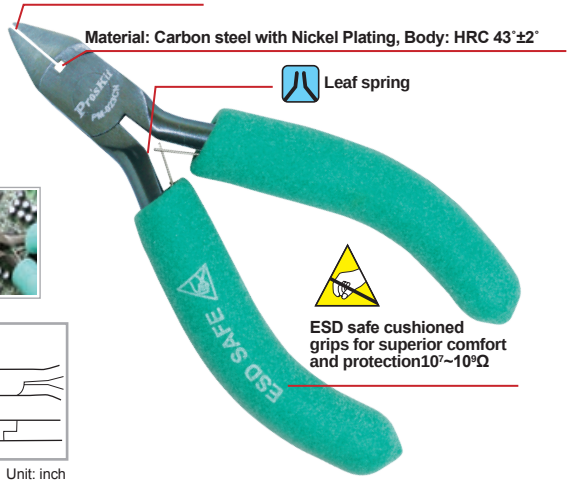
RoHS COMPLIANT

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

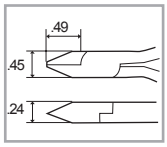


Contents
PM-055CN /PM-023CN/PM-037CN/PM-036CN

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





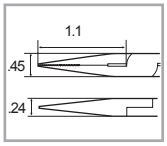


Unit: inch

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-036CN 5" Snipe Nose Plier





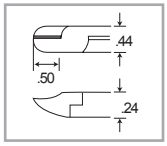
Unit: inch

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-037CN 4 1/2" Diagonal Cutting Plier







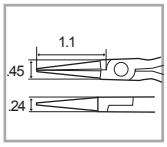
Unit: inch

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







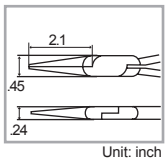
Unit: inch

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

PM-046CN 6" Needle Nose Plier







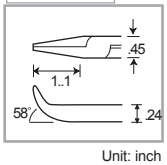
Unit: inch

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

PM-055CN 5" Bent Nose Plier







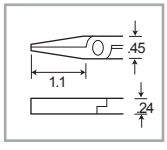
Unit: inch

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

PM-053CN 5" Flat Nose Plier







Unit: inch

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