Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

HVAC\R

KLEIN TOOLS
EST. 1857

Quality Tools For Climate Control

SNIPS
PLIERS
DRIVERS
TESTERS
CUTTERS
WRENCHES
DUCT TOOLS
HOLEMAKING
ILLUMINATION
WIRE STRIPPERS
JOURNEYMAN™ GLOVES
TRADESMAN PRO™ BAGS

Klein Tools supports VOTECH schools with the following programs:

VOTECH Student Discount
All VOTECH orders through distributors will receive discounts.

Tool Donation Program
Upon review and approval Klein Tools will provide product donations for qualifying programs where Klein tools are being used in the training labs.

Top Student Award Program
Reward the top-performing student in each graduating class.

Custom tool kits developed through collaboration with local instructors are available upon request.

Klein Tools Educational Mission
Foster a Healthy North American Economy & HVAC Industry

- Invest in the training & education of tomorrow's workforce
- Grow U.S. manufacturing
- Facilitate hands-on student experiences with our products

HVAC\R

EST. 1857

KLEIN TOOLS

Quality Tools For Climate Control

For more information, contact your Klein Tools representative or our HVAC team at HVAC@kleintools.com

www.kleintools.com

Magnetic Pocket Thermometer

Rugged, portable design **with magnet** makes the **ET10** a handy choice for HVAC professionals.

- Magnet inside base of probe easily attaches to air vents
- Backlight LCD for easy viewing in low light
- User selectable Fahrenheit and Celsius temperature measurements
- Range -40° to 572° F   (-40° to 300° C)
- Lightweight, compact tool with pocket clip provides easy storage and quick access
- Auto power off after 15 minutes conserves battery life
- 3" stainless steel probe is FDA GRAS-compliant

Thermometer is NOT intended for use on people or animals.

ET10

°F °C

-40° to 572° F
-40° to 300° C

3 m

Digital Pocket Thermometer

Rugged, portable design with protective flow-through sheath/handle makes the **ET05** a good choice for HVAC professionals.

- Backlight LCD for easy viewing in low light
- User selectable Fahrenheit and Celsius temperature measurements
- Range -40 to 482º F (-40 to 250º C) with 0.1 degree resolution
- Lightweight, compact tool with pocket clip provides easy storage and quick access
- Auto power off after 15 minutes conserves battery life
- 3" stainless steel probe is FDA GRAS-compliant

Thermometer is NOT intended for use on people or animals.

ET05

°F °C

-40° to 482° F
-40° to 250° C

3 m

Cat. No.	UPC 0-92644+	Description
ET10	69145-4	Magnetic Pocket Thermometer
ET05	69060-0	Digital Pocket Thermometer

ELECTRICAL TESTERS

Non-Contact Voltage Tester With Infrared Thermometer

The **NCVT-4IR** provides non-contact determination of AC voltage in cables, cords, circuit breakers, switches, outlets, and wires; as well as Infrared (IR) temperature measurements.

• Detects AC voltage from 12 to 1000 V with visual and audible indicators

• IR thermometer with user selectable °F / °C from -22 to 482°F (-30 to 250°C)

• Targeting laser for IR temperature measurement can also be used as a laser pointer

• Auto power off conserves battery life

• Backlight LCD for easy viewing in low light

• Screw-thread battery cap with O-ring ensures water and dust resistance

• Lightweight, compact tool with pocket clip provides easy storage and quick access

• Includes 2 x AAA batteries

°F °C

-22°to 482° F
-30° to 250° C

IP40   **2 m**

12 - 1000V AC

NCVT-4IR

Cat. No.	UPC 0-92644+	Description
NCVT-4IR	69061-7	Non-Contact Voltage Tester with IR Thermometer

⚠ Do not direct laser beam into eyes as this can cause permanent eye damage

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NEW

HVAC Meter Accessories

K-Type Temperature Probe with Adapter and Case
69144

K-Type High Temperature Thermocoupler with Adapter
69142

Adapter, K-Type to Banana Plug
69146

Magnetic Hanger
69417

K-Type Temperature Pipe Clamp with Adapter
69140

Thermocouples are NOT intended for use on people or animals.

Cat. No.	UPC# 0-92644+	Description	Temperature
69435	69230-7	Replacement K-Type Thermocouple (CL450)	-30 to 482° F
69028	69028-0	Replacement K-Type Thermocouple w/ Banana Plug (CL312)	-30 to 428° F
69140	69067-9	K-Type Temperature Pipe Clamp w/ Adapter	-4 to 212° F
69142	69068-6	K-Type High Temperature Thermocoupler with Adapter	32 to 896° F
69144	69069-3	K-Type Temperature Probe w/ Adapter & Case	-58 to 1112° F
69146	69070-9	Adapter, K-Type to Banana Plug	n/a
69417	69417-2	Magnetic Hanger	n/a

HVAC Clamp Meter With Differential Temperature

CL450

- Clamp measures AC current and inrush current
- Test leads measure AC/DC voltage, DC microamps, resistance, LoZ, continuity, frequency, duty-cycle, capacitance, and diodes
- Two K-Type thermocouple ports for differential temperature measurements

NEW

HVAC Clamp Meter

CL312

- Clamp measures AC current
- Test leads measure AC/DC voltage, DC microamps, resistance, continuity, frequency, capacitance and test diodes
- Thermocouple probe measures temperature

CL450	Measurement		CL312
1000V	AC/DC Voltage		600V
●	AC + DC Voltage		–
600A	AC Current		400A
60MΩ	Resistance		40MΩ
●	DC Millivolts		●
●	DC Microamps		●
●	True RMS		●
●	Non-Contact Voltage Testing		–
●	Low-Pass Filter		–
●	Low Impedance		–
●	Audible Continuity		●
●	Backlight		●
-40° – 1832°F (-40° – 1000°C)	Differential Temperature		–
●	Temperature		-40° – 1832°F (-40° – 1000°C)
●	Digital Temperature Calibration		–
●	Auto-Ranging		●
●	Range Hold		●
●	Data Hold		●
●	Diode Test		●
6000 µF	Capacitance Test		4000 µF
●	Frequency/Duty Cycle		●
●	Max/Min Value		●
●	Relative Mode		–
●	Auto power off		●
6000	LCD Display Count		4000
Durability			
6.6 ft. (2 m)	Drop Protection		3 ft. (1 m)
CAT IV 600V Class 2, Double Insulation safety ratings	Safety Rating		CAT III 600V Class 2, Double Insulation safety ratings

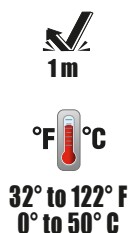| Cat. No.	UPC# 0-92644+	Description	Includes
CL312	69137-9	400A AC Auto-Ranging Digital HVAC Clamp Meter	Carrying Pouch, Test Leads, Thermocouple, 3 x AAA batteries
CL450	69063-1	HVAC Clamp Meter w/Differential Temperature	Carrying Pouch, Test Leads, 2 Thermocouples, 3 x AAA batteries

Carbon Monoxide (CO) Meter

The **ET110** is an easy-to-use meter that detects and measures concentration levels of carbon monoxide (ppm) and temperature (°F/°C). Backlit LCD screen for easy viewing in low light; warning indicator light blinks green for clean and red for CO detection.

- Backlit display with CO measurements from 0 to 1000 ppm
- Audible and visual alarms
- User protection with short-term exposure limit (STEL) alarm
- Low level alarm (35 ppm) and high level alarm (200 ppm)
- Auto power off after 20 minutes conserves battery life
- Includes 4 x AAA batteries and case

Meter is NOT intended for use as personal protective equipment (PPE)

1 m

°F °C
32° to 122° F
0° to 50° C

ET110

Combustible Gas Leak Detector

The **ET120** is an easy-to-use tester that provides audible and visual alarms in the presence of methane, propane, and other combustible gases.

- Detection range: ~ 50 to 10,000 ppm*
- 5- Red LED's (Visual) and 85 db audible alerts that increase with gas concentration
- Automatic zero-point calibration at power-up
- Two levels of detection: High (~50 to 1,000 ppm) sensitivity and Low (~50 to 10,000 ppm) sensitivity
- Electrochemical sensor with up to 7 years life
- 18" flexible gooseneck expands sensor's reach
- Auto power off after 10 minutes conserves battery life
- Includes 4 x AAA batteries and case

Gas Detector is NOT intended for use as personal protective equipment (PPE)

2 m

ET120

Cat. No.	UPC 0-92644+	Description	Height*	Width
ET110	69065-5	Carbon Monoxide (CO) Meter	7.75" (197 mm)	2.16" (55 mm)
ET120	69064-8	Combustible Gas Leak Detector	8.11" (206 mm)	2.72" (69 mm)

*Based on Methane

WRENCHES

Reversible Jaw 2-in-1 Adjustable Wrench/Pipe Wrench, 10"

Converts from adjustable wrench to pipe wrench by simply reversing the removable jaw.

- Extra wide 1-1/2" (38mm) jaw opening in both configurations
- Easily change from an adjustable wrench to a pipe wrench
- Pipe wrench side of jaw grips pipes and round fasteners with self-gripping angled teeth
- Standard and metric markings for fast and precise adjustment

Reversible jaw has teeth and an obtuse angle to work as a pipe wrench

D86930

Slim Jaw Adjustable Wrenches- 4", 6", 8"

Designed for tight wrench-over-wrench applications with 40% Slimmer Jaws
Ideal for tight space wrench-over-wrench applications such as gas lines, pumps, and motors. Unique design minimizes protruding jaw shank for greater capacity and range of motion in confined areas. Standard and metric permanent markings for fast and precise adjustment. Manufactured for strength and durability.

- Slim Jaw is 40% thinner and meets ASME 107.00-2010 testing for adjustable wrenches
- Great for hard to reach applications – motors, pumps, gas lines, expansion valves
- Extra-wide jaw with standard and metric markings

D86936
D86934
D86932

NEW
Ratcheting Refrigeration Wrench

86938

Quick-flip reversing lever for instant ratchet reversal
Reversible for refrigeration packing gland nuts, valve stem sockets and beam-clamp installation.

NEW
Hex Key Adapter

86939

Provides access to 3/16-inch and 5/16-inch hard to reach valves and securely fits 1/4-inch square Refrigeration Wrench opening.

Cat. No.	UPC 0-92644+	Description
D86930	69074-7	Reversible, adjustable wrench/pipe wrench, 10"
D86932	69075-4	Slim jaw adjustable wrench, 4"
D86934	69076-1	Slim jaw adjustable wrench, 6"
D86936	69084-6	Slim jaw adjustable wrench, 8"
86938	69218-5	Ratcheting Refrigeration wrench
86939	69239-0	Hex Key Adapter for Ratcheting Refrigeration Wrench 86938 and 68310

8-in-1 Multi-Bit

Slide from one size to the other without changing tools!
This multi-bit driver offers the HVAC tech the convenience of having a magnetic nut driver along with six other useful bits and nut drivers.

- Unique, patented magnetic end slides back and forth from 1/4" to 5/16" hex sizes
- Thumb nut twists to lock in tip setting
- Features a specialty bit for installation/ removal of common TR-4 Schrader® valves

| 1/4" | 5/16" | 1/4" | 3/8" | Schrader® | #2 | 1/8" (3 mm) | 1/4" (6 mm) |

Multi-Bit
32596

Stubby and Extended Reach 2-in-1 Slide Driver™ Nut Drivers
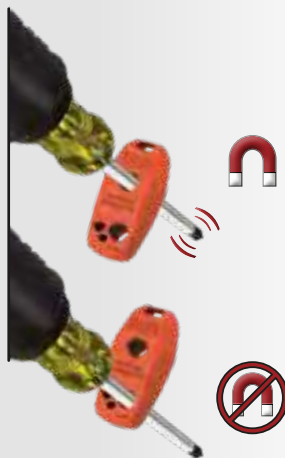
Stubby
65131
1/4" 5/16"

Extended Reach
65129
1/4" 5/16"

NEW

Magnetizer

Magnetizes and demagnetizes screwdriver tips and bits using powerful rare-earth magnets

MAG2

NEW

7-in-1 Nut Driver

Heavy-duty handle and shaft exceed the torque performance of regular nut drivers
Seven sizes in one tool allow for easy, one-handed driving: 1/4", 5/16", 11/32", 3/8", 1/2", 7/16", 9/16".

32807MAG

Cat. No.	UPC 0-92644+	Description	Hex Sizes	Shank Length	Overall Length
32596	32596-0	8-in-1 HVAC Slide Driver Screwdriver/Nut Driver	1/4" & 5/16" magnetic nut drivers 1/4" & 3/8" hollow shaft nut drivers #2 Phillips; Schrader®; 1/8" and 1/4" slotted	3.25" (83 mm)	7.5" (190 mm)
65129	65129-8	2-in-1 Hex Head Slide Driver/Nut Driver	1/4" and 5/16"	6" (152 mm)	10.25" (260 mm)
65131	65131-1	Stubby 2-in-1 Hex Head Slide Driver/Nut Driver	1/4" and 5/16"	1.5" (38 mm)	3.43" (85 mm)
32807MAG	32808-4	7-in-1 Nut Driver	1/4", 5/16", 11/32", 3/8", 1/2", 7/16", 9/16"	–	9.54" (242.3 mm)
MAG2	32446-8	Magnetizer	–	–	2-13/64" (56.0 mm)

11-in-1 with Schrader® Valve Bit

32527

Versatile 11-in-1 tool includes two slotted, two Phillips, two square, three nut drivers and unique style bit for installation/ removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores. Top seller for HVAC and other industrial applications!

15-in-1 HVAC Multi-Bit Driver with Schrader® Valve Bit

32292

Multiple sizes in one convenient interchangeable tool!

Reduce the number of tools in their belt with this multi-bit driver. Cushion-Grip handle and heavy duty shaft exceed the torque performance of regular drivers. Fixed shaft and internal storage compartment for the bits so they stay with the driver.

• 14 different tips– Schrader® Valve Insertion/ Core Removal bits and screwdriver tips plus 1/4" nut driver

4-in-1 Electronics Screwdriver

32581

Four different tips in one tool; includes #0 and #00 Phillips plus 1/8" and 3/32" slotted. Rotating cap for optimum and precise control. Cushion-Grip handles for maximum comfort when working on small equipment.

Stubby 6-in-1 Ratcheting Screwdriver

32593

The ratcheting mechanism allows user to work faster and more efficiently. Includes 1/4" and 5/16" nut drivers and four different screwdriver bits: #1 and #2 Phillips, 1/4-inch and 3/16-inch slotted tips.

Hex Head 2-in-1 Nut Driver

65064

Two magnetic hex head drivers in one convenient handle
Features the popular 1/4" and 5/16" hex sizes most tradespeople need.

• Color coded for easy identification
• Wrench assist for additional torque
• Powerful magnets for maximum fastener retention

HVAC Magnetic Hex Drivers

86600-10   86601-10   86602-10

Klein Magnetic Hex Drivers are designed for driving sheet metal screws; strong Rare Earth magnets provide maximum holding power. Choose 1/4", 5/16" or 3/8" each in packs of 10 drivers.

Cat. No.	UPC 0-92644+	Description
32527	32527-4	11-in 1 with Schrader® Valve Bit
32292	32292-1	15-in-1 HVAC Multi-Bit Driver with Schrader® Valve Bit
65064	65064-2	Hex Head 2-in-1 Nut Driver
32581	32581-6	4-in-1 Electronics Screwdriver
32593	32593-9	Stubby 6-in-1 Ratcheting Screwdriver
85484	85484-2	Mini Cushion-Grip Screwdrivers Set, 4 pc. (not shown)
86600-10	86603-6	1/4" Mag Hex Drivers – 10 pk
86601-10	86604-3	5/16" Mag Hex Drivers – 10 pk
86602-10	86605-0	3/8" Mag Hex Drivers – 10 pk

Schrader® is a registered trademark of
Schrader International, Inc.

CUTTERS

Mini Tube Cutter

88910

For 1/8" to 5/8" (3mm – 16 mm) copper and aluminum tubing. Requires only 1-3/8" (35mm) swing radius. Not designed for cutting stainless steel or hard tempered tubing.

Professional Tube Cutter

88904

Accurate 4-roller system; no spiraling. Professional reaming tool for stainless steel tubing. Extra cutting wheel included in the handle.

8 Piece Bi-Metal Hole Saw Kit

- Optimized teeth pattern for fast, consistent cutting of steel (including stainless steel)
- Contains the most popular sizes and two arbors in a rust proof, molded plastic carrying case
- Includes most popular sizes 7/8", 1-1/8", 1-3/8", 1-3/4", 2", and 2-1/2" hole saws

31902

PVC & Multilayer Tubing Cutter

88912

Cuts 1" (25mm) O.D. multilayer plastic tubing and up to 3/4" (19 mm) schedule 40 PVC pipe.

Ratcheting PVC Cutter

50034

Ratchet action allows easy, one-hand cutting. Quick one-handed blade release –no tools required. Cuts up to 2" PVC.

HVAC Nylon Tie Tensioning Tool

86570

Excellent for securing fiberglass duct work with nylon ties; also used to secure cables and hoses.

NOTE: Read and follow safety instructions in power tool owner's manual.

Cat. No.	UPC 0-92644+	Description
86570	86570-1	HVAC Nylon Tie Tensioning Tool
88910	69077-8	Mini Tube Cutter
88912	69078-5	PVC & Multilayer Tubing Cutter
88904	88904-2	Professional Tube Cutter
50034	50034-3	Ratcheting PVC Cutter
31902	31902-0	8 pc. Hole Saw Kit
32905	69113-3	3 pc. Hole Saw Kit with Arbor (not shown)

NEW

Aviation Snips with Wire Cutter

Klein Tools introduces Aviation Snips with an integrated wire cutter on the outside of the blades. No more dings to the snip blades when cutting duct wire or ceiling extension wire. Save time and tools with the convenience of just one tool that cuts sheet metal as well as duct and suspension wires! Integrated wire cutter is available on all three styles–right, left, and straight cutting.

- Serrated blades conform to ASME B107.16M performance standard
- Forged blades cut 18 gauge steel and 22 gauge stainless steel
- Unique integrated wire cutter for duct and suspension wire

1201R

1200L

1202S

NEW

Folding Jab Saw

No more torn tool bags!
The fast cutting carbon steel blade is as sturdy as a fixed blade saw, but folds smartly into the comfort-grip handle. The lockback mechanism secures the blade at a full 180 degrees and also at a 125 degrees.

31737

Duct Knife

DK06

Double edged knife with regular and serrated blade. Cuts duct board and flexible duct. Includes puncture resistant nylon sheath with belt loop.

Check local law on legality of selling, possessing, or carrying this knife.

Cat. No.	UPC 0-92644+	Description
1200L	76152-2	Aviation Snips with Wire Cutter, Left Cutting, Red Handle
1201R	76153-9	Aviation Snips with Wire Cutter, Right Cutting, Green Handle
1202S	76154-6	Aviation Snips with Wire Cutter, Straight Cutting, Yellow Handle
31737	31737-8	Folding Jab Saw
DK06	76101-0	6" Duct Knife

DUCT & SHEET METAL TOOLS

86522

86526

86524

86528

89554

86520

- All-steel construction with nickel-plating provides long life and durability
- Compound-leverage mechanism for greater control and easy operation
- Convenient self-opening latch for one-handed operation
- Comfortable, contoured grips cover hardened steel handles

Cat. No.	UPC 0-92644+	Description	Features
89554	69080-8	Duct Cutter with Wire Cutter*	All-steel double edge blade cuts fiber board, fiberglass lined, and flexible ducts; Built-in wire cutter; Optional protective leather sheath (Cat. No. 5100L) sold separately
22 gauge steel and 24 gauge stainless steel			
86522	69086-0	Straight Seamer	Easily bend, seam and flatten sheet metal; 3 in. jaw notched in 1/4" (6 mm) increments
86524	69087-7	Offset Seamer	Easily bend, seam and flatten sheet metal in confined spaces; 3 in. jaw notched in 1/4" (6 mm) increments
24 gauge steel and 28 gauge stainless steel			
86520	69071-6	5-Blade Crimper	Produces factory-precision indentations in stove pipe and round duct
86526	69088-4	Hand Notcher	Cuts 30° V shape in sheet metal to make corners; Steel jaw with 13/16" (21 mm) maximum throat depth
86528	69089-1	Snap Lock Punch	Steel jaw punches 3/8" (10 mm) wide impressions to easily join pieces of sheet metal, vinyl, and aluminum siding

*Check local law on legality of selling, possessing, or carrying this knife.

Tin Snips

89556

89555

- 12-inch long tool with high-carbon cutting blades
- Excellent for 24 gauge steel and 28 gauge stainless steel
- All steel construction for long life and durability
- Easily replaceable cutting blades

Replacement Blade Kit
- Includes 2 blades, 4 screws, 1 washer, 1 nut, and 1 bolt

Cat. No.	UPC 0-92644+	Description
89556	69081-5	Tin Snips
89555	69162-1	Replacement Blade Kit for Tin Snips 89556

Folding Tools

86530

86532

86534

- Two folding depths: 3/8" (10mm) and 1" (25mm)
- Folds up to 24 gauge steel and 28 gauge stainless steel
- Handy sight gauges for accurate depth alignment
- Made of heavy-duty 16 gauge steel for strength

Cat. No.	UPC 0-92644+	Description
86530	69163-8	Folding Tool, 12"
86532	69164-5	Folding Tool, 18"
86534	69165-2	Folding Tool, 24"

NEW
Hole Cutter

89551

89552

- Cuts 2" to 12" (51 to 305 mm) holes in sheet metal
- For up to 24 gauge steel and 26 gauge stainless steel
- Measurement scales molded into the body
- Installs into standard electric drill chucks
- Includes 2 bits and L-style Hex-Key to tighten the bit

Replacement Cutter Bit
- Quality high-speed steel designed for Hole Cutter

Cat. No.	UPC 0-92644+	Description
89552	69079-2	Hole Cutter, 2 to 12"
89551	69119-5	Replacement Bit for Hole Cutter 89552

NEW

Klein-Kurve® Heavy Duty Wire Strippers

K12054   K12055

Durable wiring cutting, stripping and twisting plus bolt shearing in one tool. Forged steel from US-made proprietary blend makes them 4X stronger than other wire strippers. Knurled jaw for twisting, grabbing and looping wire. Twist up to three wires at a time.

- K12054 strips 8-16 AWG solid, 10-18 AWG stranded
- K12055 STRIPS 10-18 AWG solid, 12-20 AWG stranded

NEW

Hybrid Pliers with Crimper

JOURNEYMAN™

J215-8CR

Strip, cut, twist, shear, and crimp in one tool! Full length induction hardened knives and high leverage design for more cutting power. Wide knurled head easily grabs and twists wire.

All Purpose Pliers with Crimper

JOURNEYMAN™

J207-8CR

A perfect combination of wire stripper and long nose pliers with the added bonus of a crimper. Cuts, strips and loops wire. Shears bolts, crimps and reaches into tight spaces. Saves time and money and eliminates carrying around extra tools.

NEW

Electrician's Multi-Tool Hybrid Plier

44216

Seven most used functions in one compact everyday carry tool. Includes hybrid pliers, wire cutter, wire stripper, pocket knife, No. 2 Phillips screwdriver, slotted screwdriver, and metal splinter remover.

Cat. No.	UPC 0-92644+	Description
K12054	34354-4	Klein-Kurve® Heavy Duty Wire Stripper
K12055	34355-1	Heavy Duty Forged Wire Stripper
J207-8CR	38405-9	All Purpose Pliers with Crimper
J215-8CR	70258-7	Hybrid Pliers with Crimper
44216	44216-2	Electrician's Multi-Tool Hybrid Plier

Crimping & Cutting Tool

1005

Crimping die marked for insulated and non-insulated solder-less terminals and connectors. Tapered nose for working in confined spaces.

Long Nose Wire Stripper/Crimper

1009

Reinforced head reduces flex, keeping stripping holes true to size. The tip is designed to grab, pull and bend wires while Klein Kurve™ comfort grip handles offer optimal leverage when cutting and crimping.

Long Nose Multi-Purpose Tool

1010

This tool handles a wide range of functions, from wire and bolt cutting to stripping and crimping. The cutting and stripping holes are positioned in front of the pivot to easily fit into tight spaces. Plastic-covered cushioned handles make this tool comfortable to use.

Klein Klaw™ & Pump Pliers

Pump pliers feature a wide range of versatile jaw positions; secure tongue and groove design for non-slip grip.

• Klein's Classic Klaw™ and Quick Adjust Klaw™ pump pliers offer extended grips, compact narrow design for hard to reach spaces

• The Quick Adjust™ style has a push button feature that allows for fast and easy adjustment to any position

D504-7

D502-10

Cat. No.	UPC 0-92644+	Description
1005	74204-0	Crimping & Cutting Tool
1009	74509-6	Long Nose Wire Stripper/Crimper
1010	74404-4	Multi-Purpose Long Nose Tool
D504-7	73045-0	7" Classic Klein Klaw™ Pump Pliers
D504-10B	73047-4	10" (254mm) Quick Adjust Klaw™ Pump Pliers
D502-10	73010-8	10" (254mm) Pump Pliers
D502-12	73018-4	12" (305mm) Pump Pliers

D504-10B

Quick Adjust™ style with push button feature

PLIERS   STRIPPERS   TAPES

Core Products for Every Tool Bag!

Cat. No.	UPC 0-92644+	Description
Side-Cutting Pliers		
D213-9NE	70042-2	9'' (229 mm) High-Leverage Side-Cutting Pliers
Diagonal-Cutting Pliers		
D248-8	72070-3	8'' (203 mm) High-Leverage Diagonal-Cutting Pliers - Angled Head
D2000-49	72249-3	9'' High-Leverage Diagonal-Cutting Pliers - Angled Head
Wire Strippers		
11061	42002-3	Self-Adjusting Wire Stripper/Cutter
11055	74057-2	Klein-Kurve® Wire Stripper/Cutter for Solid and Stranded Wire
K12055	34355-1	Forged Heavy Duty Wire Stripper
Pump Pliers		
D502-12	73018-4	12" (305 mm) Pump Pliers
D502-10	73010-8	10" (254 mm) Pump Pliers
D504-10B	73047-4	10" (254 mm) Quick-Adjust Klaw™ Pump Pliers
D504-7	73045-0	7" (178 mm) Classic Klaw™ Pump Pliers
Measuring Tapes		
86225	86225-0	Tape Measure- 25' (7.62 m) Magnetic Double Hook

D248-8

D213-9NE

D504-10B

86225

DRIVERS   HEX SETS   HOLEMAKING

Cat. No.	UPC 0-92644+	Description
Nut Drivers		
32801	32801-5	5-in-1 Multi-Nut Driver Heavy Duty
635-4	32267-9	4 Piece Heavy-Duty Nut Driver Set
Screwdrivers		
32581	32581-6	4-in-1 Electronics Screwdriver
32593	32593-9	6-in-1 Ratcheting Stubby Screwdriver
32751	32751-3	Adjustable Length Driver (4"-8") with #2 Phillips and 1/4" Slotted Blades
612-4	32226-6	Terminal Block Screwdriver
602-7DD	32222-8	7" Demolition Driver 5/16" Keystone
602-4DD	32221-1	4" Demolition Driver 1/4" Keystone
603-4	85036-3	#2 Phillips Screwdriver 4" Round Shank
Hex Sets & Box Wrenches		
LLK12	33221-0	12-Piece L-Style Hex-Key Caddy Set - Inch
BLK12	33204-3	12-Piece Ball End L-Style Hex-Key Caddy Set - Inch
70591	33267-8	Nine-Key Inch Folding Hex-Key Set
68244	68244-5	3-Piece Fully Reversible Ratcheting Offset Box Wrench Set
Holemaking		
KTSB03	59103-7	Step Drill Bit #3
KTSB01	59101-3	Step Drill Bit #1
31728	64009-4	Reciprocating Saw Blade, 6" (152 mm), .035 wide, 18 TPI, for Heavy Gauge Metals, 5-pk
31734	64047-6	Reciprocating Saw Blade, 6" (152 mm), .035 wide, 24 TPI, for 18 Gauge Metal & Under, 5-pk

32593

32801

32751

32581

KTSB03

LLK12

NOTE: Read and follow safety instructions in power tool owner's manual.

Inspection Penlight with Laser

56026

LED penlight for up-close lighting in dim areas. Laser pointer aids in pinpointing objects in out-of-reach locations. Glow ring tip charges while the light is on and allows for easy retrieval in the dark. Convenient Pocket clip with aluminum body.

Flashlight with Worklight

56028

Bright, focused flashlight and broadcasting worklight in one tool. The strong magnet provides secure, hands-free illumination with an aluminum body. It's waterproof, dustproof, and features a glow ring tip, and a pocket clip for convenient storage.

NEW

Rechargeable Auto-Off Headlamp

56034

Auto-sensing technology turns lamp off after 3 minutes in bright light to save battery. Recharge via micro-USB port. Bright, all-day light on either the bright spot setting or the lower, wide-casting flood light setting. Slide the lamp out of the bracket on the silicone strap for easy recharging. Silicone strap stays securely on hard hat.

Clamping Worklight

This versatile light can be clamped, stand on its own, or hand held. Head rotates 360 degrees and pivots 90 degrees. Drop tested for up to 10 feet.
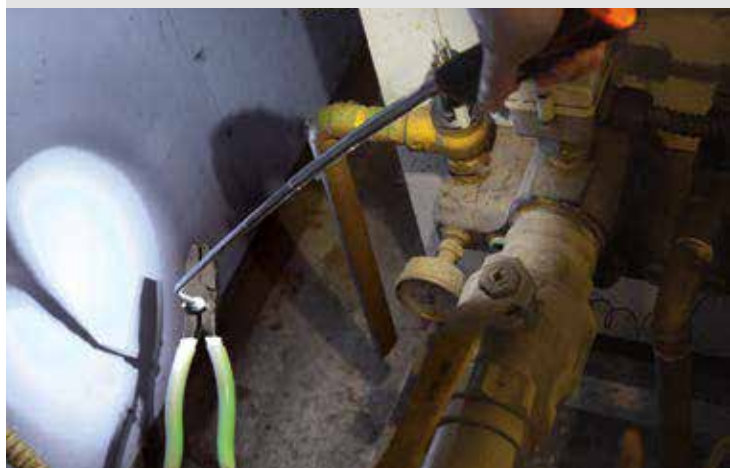
56029

NEW

Telescoping Magnetic LED Pick-Up Tool

56027

Telescoping arm extends 22-inches (55.9 cm) beyond your reach. Powerful magnetic head with 2 pound (0.9 kg) pickup strength. LED light illuminates the path to and from your target, powered by 2 x AAA alkaline batteries (included).

Cat. No.	UPC 0-92644+	Description
56026	56026-2	Inspection Penlight with Laser Pointer
56027	56027-9	Telescoping Magnetic LED Pick-Up Tool
56028	56028-6	Flashlight with Worklight
56029	56029-3	Clamping Worklight
56034	56034-7	Rechargeable Auto-Off Headlamp

BAGS & KNIVES

TradesmanPro™ Tool Master Backpack

A seriously tough backpack starting with a handle reinforced with aircraft cable, 1680d ballistic weave material construction, and a fully-molded waterproof bottom. With 48 pockets inside and out, this backpack has plenty of room. Removable tool caddy is designed for you to take just what you need. Both the tool caddy and the backpack can be hung, keeping your tools easily within reach.

55485

Stand-up Zipper Bags

The body of this tough pair is made of coated 1680d ballistic material while the bottoms are reinforced with 2520d ballistic material. The gusseting on these bags keeps them standing up making it easy to find small items. Two per pack; bags are different sizes and colors to help with organization.

55470

Cat. No.	UPC 0-92644+	Description
55485	55485-8	Tradesman Pro™ Tool Master Backpack
55470	55470-4	Stand-Up Zipper Bags

Bearing-Assisted Open Pocket Knife

44213

Deploys smoothly with only one hand. This durable yet lightweight skeleton frame knife sports a fine edge, Tanto blade. The stainless steel blade is held securely open with a frame lock. The low-setting pocket clip keeps it deep in your pocket and out of the way.

Spring-Assisted Open Pocket Knife

44223

Open quickly with one hand. A liner lock secures the stainless steel blade open. The drop point blade has both a serrated and a fine edge for greater versatility. While the safety lock on the handle keeps the knife closed and the low-setting pocket clip keeps it low in your pocket, this knife is not only easy to open, it's easy to carry.

Cat. No.	UPC 0-92644+	Description
44213	44213-1	Bearing-Assisted Open Pocket Knife
44223	44223-0	Spring-Assisted Open Pocket Knife

⚠**WARNING:** Not flameproof or fire retardant. DO NOT expose to open flame or sparks.

Check local law on legality of selling, possessing, or carrying this knife.

55421BP-14CAMO

55421BP-14

55431

5541610-14

Cat. No.	UPC 0-92644+	Description
55421BP-14CAMO	55438-4	Tradesman Pro™ Camo Backpack
55421BP-14	55467-4	Tradesman Pro™ Organizer Backpack
55431	55431-5	Tradesman Pro™ Lighted Tool Bag
5541610-14	55463-6	Tradesman Pro™ 10-Inch Tote

JOURNEYMAN™ GLOVES

40206   40224   40221

Cat. No.	UPC 0-92644+	Description
40206	40206-7	Journeyman™ Utility Gloves, size L
40207	40207-4	Journeyman™ Utility Gloves, size XL
40224	40224-1	Journeyman™ Cut 5 Resistant Gloves, L
40225	40225-8	Journeyman™ Cut 5 Resistant Gloves, XL
40221	40221-0	Journeyman™ Leather Gloves, size L
40222	40222-7	Journeyman™ Leather Gloves, size XL

⚠WARNING: Not flameproof or fire retardant. DO NOT expose to open flame or sparks.

CONTRACTOR KIT BUILDING PROGRAM

Klein Tools offers pre-approved contractors custom kits that can be used to satisfy tool inventory needs related to service vans and jobsite boxes. These kits provide convenience and savings which is passed on through authorized Klein distributors to the contractor.

**For more information, contact your Klein Tools representative
or our HVAC team at HVAC@kleintools.com.**

- **Klein Tools can build a custom tool set to match any vocational school's or contractor's required tool list**
- **School/contractor specifies the contents of the kit**
- **Kit is assigned a unique Klein SKU number**
- **Purchase through the Klein distributor of your choice**
- **Minimum Quantity is (10) kits per order**

Ask your Klein Tools representative for more information!

See our complete line of **HVAC** products
www.kleintools.com/HVAC