



HVAC/R



Quality Tools For Climate Control



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 toolkits 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

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



Quality Tools For Climate Control

www.kleintools.com



NON-CONTACT VOLTAGE TESTER WITH INFRARED THERMOMETER

NCVT-4IR



°F °C

-22° - 482° F
-30° - 250° C



12 - 1000V AC

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

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

DIGITAL POCKET THERMOMETER

ET05



°F °C

-40° - 482° F
-40° - 250° C



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

- Backlight LCD for easy viewing in low light
- User selectable Fahrenheit and Celsius temperature measurements
- Range -40 to 482° F (-40 to 250° 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

Cat. No.	UPC 0-92644+	Description
ET05	69060-0	Digital Pocket Thermometer



Thermometer is NOT intended for use on people or animals.

CARBON MONOXIDE (CO) METER

ET110



32° – 122° F
0° – 50° C



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



Cat. No.	UPC 0-92644+	Batteries	Height	Width
ET110	69065-5	4xAAA	7.75" (197 mm)	2.16" (55 mm)



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

COMBUSTIBLE GAS LEAK DETECTOR

ET120



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 1000 ppm) 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

*Based on Methane

Cat. No.	UPC 0-92644+	Batteries	Height*	Width
ET120	69064-8	4xAAA	8.11" (206 mm)*	2.72" (69 mm)



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

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
- Ideal for hard to reach applications – motors, pumps, gas lines, expansion valves
- Extra-wide jaw with standard and metric markings



Cat. No.	UPC 0-92644+	Description
D86930	69074-7	Reversible, adjustable/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"



HEX HEAD SLIDE DRIVER™ TOOLS

NEW

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



Stubby and Extended Reach 2-in-1 Slide Driver™ Nut Drivers



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)



TOP SELLER



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!



32292

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

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



32581

4-in-1 Electronics Screwdriver

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.



65064

Hex Head 2-in-1 Nut Driver

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
- Rare Earth magnetic ends hold screws in place while fastening
- Heavy duty handles and shafts exceed the torque performance of regular screwdrivers



86600-10

86601-10

86602-10

HVAC Magnetic Hex Drivers

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®
65064	65064-2	Hex Head 2-in-1 Screwdriver
32581	32581-6	4-in-1 Electronics Screwdriver
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
85484	85484-2	Mini Cushion-Grip Screwdrivers Set, 4 pc. (not shown)



CUTTERS



88910

Mini Tube Cutter

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.)



88912

PVC & Multilayer Tubing Cutter

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



88904

Professional Tube Cutter

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



50034

Ratcheting PVC Cutter

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

31902



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
- Longest lasting, fastest cutting blade on the market
- Includes 7/8", 1-1/8", 1-3/8", 1-3/4", 2", and 2-1/2" hole saws

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

Cat. No.	UPC 0-92644+	Description
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



SNIPS & DUCT TOOLS



JOURNEYMAN Offset Snips

Klein's Journeyman Offset Snips feature exclusive Klein Kurve™ handles for natural hand positioning and ease of use. The state of the art, dual material handles provide a better grip without sacrificing tool strength or durability. Long lasting serrated forged steel blades cut 18 gauge cold rolled steel and 22 gauge stainless steel.



DK06

Duct Knife

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 or possessing this knife.



86570

HVAC Nylon Tie Tensioning Tool

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

Cat. No.	UPC 0-92644+	Description
DK06	76101-0	6" Duct Knife
86570	86570-1	HVAC Nylon Tie Tensioning Tool
J2102S	76032-7	Journeyman Offset Snips- Straight Cutting
J2100L	76030-3	Journeyman Offset Snips – Left Cutting
J2101R	76031-0	Journeyman Offset Snips – Right Cutting



PLIERS STRIPPERS CUTTERS CRIMPERS

All Purpose Pliers with Crimper

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.

J207-8CR

NEW

Heavy Duty Forged Wire Stripper

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.

K12055



Cat. No.	UPC 0-92644+	Description
K12055	34355-1	Heavy Duty Forged Wire Stripper
J207-8CR	38405-9	All Purpose Pliers with Crimper



CRIMPERS & PUMP PLIERS



1005

Crimping & Cutting Tool

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



1010

Long Nose Multi-Purpose Tool

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
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...



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



... 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 Electronic 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 Ga. Metal & Under, 5-pk

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



TRADESMAN PRO™ BAGS



Cat. No.	UPC 0-92644+	Description
55421BP-14CAMO	55438-4	Tradesman Pro™ Camo Backpack (LIMITED)
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!

HVAC/R



Quality Tools For Climate Control

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

KLEIN TOOLS
For Professionals... Since 1857™



See our complete line of HVAC products
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