For the latest prices, please check AutomationDirect.com.

Tools and Test Equipment

Up-to-date price list: www.automationdirect.com/pricelist
FREE Technical Support: www.automationdirect.com/support
FREE Videos: www.automationdirect.com/videos
FREE Documentation: www.automationdirect.com/documentation
FREE CAD drawings: www.automationdirect.com/cad

Available in the U.S. and Canada only

BUY ONLINE
Order Online at AutomationDirect.com

45-day Money-Back Guarantee

Located in USA

45

www.automationdirect.com/tools

www.automationdirect.com/tools
The most reliable tools and testing equipment from top manufacturers at low prices

Tools and Test Equipment

Tools and test equipment are used every day in industrial and commercial facilities to repair, install, and maintain industrial and commercial machinery, instruments, HVAC, and basically every component that keeps facilities running efficiently. AutomationDirect provides the most commonly used tools and test equipment for industrial and commercial purposes. Our tools are designed with the strongest and most reliable materials, with user safety in mind, efficiency of the job provided, and to offer longevity for countless years of reliable service.

Multimeters and Testers

Our professional-grade test equipment includes multimeters that provide quick and accurate measurement of AC/DC voltage, current, resistance, continuity, and more. These meters are top quality recognized meters from Southwire, which also meet or exceed all UL testing standards for their category. All test equipment is available for various measurement parameters with many features.

Tools

AutomationDirect offers quality and reliable tools from well-known industrial professional-grade brands such as Wiha, Wera, and Southwire. These tools are used daily to help perform electrical wiring and mechanical installation tasks easily and reliably. Our selection of quality tools include:

- Wide offering of screwdrivers including insulated, chisel, impact, and miniature styles
- Nutdrivers
- Hexdrivers
- Multi-Bit drivers, bits and adapters
- Torque screwdrivers
- Wrenches, ratchets and sockets
- Pliers, stripping and crimping tools
- Hole cutting tools
- Tool bags and cases
- Other tools and accessories such as fish tapes, cable tie tools, and knives

Multimeters

AutomationDirect has teamed up with Southwire to provide quality tools and test equipment. Southwire is known worldwide as one of the world’s leading developers, manufacturers and suppliers of building wire and utility cable, as well as the tools used in their installation. Find the best tool for your needs and start enjoying safe and reliable service from Southwire tools.

Digital Multimeters

Obtain reliable and accurate readings with Southwire digital multimeters. These meters offer various measuring options and features. All Southwire meters meet or exceed the UL’s various testing equipment standards and carry the UL mark. Regardless if just testing for the presence of voltage, or troubleshooting the toughest problem, we have you covered.

- Up to CAT IV safety ratings
- Test for AC/DC voltage, current, resistance, continuity, capacitance, frequency, duty cycle or temperature
- Auto and manual ranging
- Models available with non-contact voltage detectors and built-in LED flashlight
- Models available with temperature function and include the thermocouple and adapter
- All include batteries and test leads

Clamp-On Multimeters

Our Southwire TrueRMS AC/DC clamp-on meter measures AC and DC current up to 1000A, plus a host of other parameters. This meter has a UL listed safety rating of CAT IV 600V / CAT III 1000V, and are built to get tough jobs done.

- Auto and manual ranging
- 11 measuring functions
- Built-in non-contact AC voltage detector
- Powerful LED work light
- Functions: AC/DC voltage, resistance, continuity, capacitance, frequency, duty cycle, temperature, and diode test
- Built-in non-contact AC voltage detector and flashlight
- Includes test leads, Type K temperature probe with banana plug adapter, carrying case, and 9 volt battery

Multimeter Accessories

Southwire multimeter accessories provide additional convenience and replacement options for items such as test leads and alligator clips.
Test Equipment (continued)

Testers
Southwire continuity and cable testers provide a quick, accurate way to detect and test voltage or continuity on wires and cables. AutomationDirect’s sensor tester helps determine if a sensor is functional before installation.

Voltage Testers
Test for the presence of a voltage on a circuit.
- Green LED means power on, flashing red LED with beeper means voltage detected
- Low battery self-test
- Mode LED: green means high voltage mode, yellow means low voltage mode
- Bright LED flashlight
- Thinner probe tip for working with wall outlets
- On/Off power switch
- Pocket clip for easy storage

Continuity and Cable Testers
These testers provide a simple way of checking continuity on wires and cables by indicating positive continuity and polarity and via LED indication. Models are also available to test continuity status for category-rated and coaxial cables. Some testers feature a detachable remote that allows cables and wires to be tested after installation.

Sensor Tester
Sensor testers are used to save time by testing a sensor from spare stock or a newly installed sensor to determine if it will function properly.
- Fast field check of various sensor types.
- LED and acoustic indicator
- Current supply to 100mA
- Rechargeable battery
- Universal micro-USB charger port

Screwdriving Tools

Standard Screwdrivers
Wera and Wiha are world leaders in the manufacturing of screwdrivers, hex drivers and nutdrivers. Both are well-known for their attention to quality, ease of use, and a safety-friendly design. Accomplish any job without having to fight your own tools for a good grip or tight hold.

Wera Kraftform Plus Standard Screwdrivers
Kraftform Plus standard screwdrivers are loaded with efficient features designed to transfer more torque with less effort, while providing safe and comfortable use with less physical stress, even during intensive use. Features include:
- A hexagonal design on the handle that helps prevent any rolling of the tool from the work surface
- A laser treated micro-rough surface on the blade tip of slotted and Phillips screwdrivers that literally bites into the head of the screw to provide less slipping, fewer scratches, higher torque transfer and less screwdriving effort
- Screwdriver with the durable black point tip undergoes a refined hardening process ensuring long service life and corrosion protection
- An ergonomic handle designed to fit snugly in your hand to protect from creating blisters and calluses, while also providing anti-slip zones for better grip
- Available in Phillips, slotted, hex, and Torx versions
- Terminal block version in various sizes makes it easy to push terminal block springed terminals and remains in the terminal block until removed, allowing hands to be free for easy wire installation
- Screwdriver sets with assortment of various sizes and screwdriver types are also available

Wiha SoftFinish® Standard Screwdrivers
Wiha SoftFinish standard screwdrivers are premium-quality tools engineered for high-demand work in industrial and commercial environments. The SoftFinish handles feature an 8-edged large diameter comfort surface that provides maximum grip allowing the user to achieve powerful torque with less physical stress. Features include:
- SoftFinish cushion grip handle for comfort and control
- Exact fit precision machined tip for reduced cam-out
- Handle is sized proportionately to blade for consistent mechanical advantage
- Dual durometer construction for long lasting durability
- Parallel flats on handle to prevent roll-off from work surface
- Handle molded directly on blade for permanent bond
- Phillips or slotted versions
- Screwdriver sets with assortment of various sizes and screwdriver types
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers
- Sets also available with interchangeable blades
- Screwdriver sets with assortment of various sizes of slotted and Phillips screwdrivers
Insulated Screwdrivers

Insulated screwdrivers from Wera and Wiha are focused on quality and safety. Both are designed with ergonomic, safety and efficiency features that withstand the toughest industrial and commercial tasks.

Wera Insulated Screwdrivers

Wera 100 VDE series insulated screwdrivers are focused on quality and safety, are designed with blades that exceed current standards with respect to hardness and torque strength, and are tested to guarantee safe operation up to 1,000 volts. Other features include:

- Hexagonal handle design to prevent rolling from the work surface
- Laser treated microrough surface on the blade tip literally bites into the head of the screw to provide less slipping, fewer scratches, higher torque transfer and less screwdriving effort
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip
- Available in Phillips and slotted versions
- Insulated screwdriver sets with assortment of various sizes and screwdriver types are also available (sets may include insulated pliers)

Wiha Insulated Screwdrivers

Wiha SoftFinish insulated screwdrivers are premium-quality tools engineered for strength and durability and feature precision machined tips for reduced cam-out. These screwdrivers are VDE certified and meet EN/IEC requirements for protection against arc flash explosion. Features include:

- SoftFinish ergonomic cushion grip handle for comfort and control
- Handle is sized proportionately to blade for consistent mechanical advantage
- Dual durometer construction for long-lasting durability
- Parallel flats on handle to prevent roll-off from work surface
- Handle molded directly on blade for permanent bond
- Black oxide finish for corrosion protection
- Available in Phillips, slotted, or Torx versions and in sets

Wiha Insulated Multi-Bit Screwdriver

Wiha PocketMax insulated multi-bit screwdriver is equipped with insulated SlimLine bits that have been tested to withstand 1,000 volts AC (1,500 volts DC) for safety and peace of mind. Features include:

- SoftFinish ergonomic cushion grip handle for comfort and control
- Handle is sized proportionately to blade for consistent mechanical advantage
- Dual durometer construction for long-lasting durability
- Magnetic easy-open top with SlimLine bits secured and stowed away
- Parallel flats on handle to prevent roll-off from work surface
- Bits include (2) Phillips, (2) slotted, and (1) square

Wera Chisel/Impact Screwdrivers

Wera Kraftform Plus 900 series chisel screwdrivers are designed with a solid hexagonal blade that goes through the handle and ends with an impact cap with an integral 1/4 inch square socket, which allows for serious chiselling jobs with a hammer, in addition to your everyday screwdriving tasks.

- Hexagonal bolster allows for a wrench to be used to apply extra torque
- Handle design to prevent rolling from the work surface
- Extra durable black tip treated through a refined process to guarantee long service life and increased corrosion protection
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip
- Available in Phillips and slotted versions, and a combined set

Precision Screwdrivers

Precision screwdrivers are a smaller-version screwdriver with smaller blades and designed to easily fit in your hand to provide stable and precise adjustments.

Wera Kraftform Micro Precision Screwdrivers

Wera Kraftform Micro precision screwdrivers consist of precision screwdrivers available in various slotted or Phillips tip sizes. Additional features for these screwdrivers include:

- Free spin cap and spinning zone that allow for the cap to be supported be a finger tip while turning the handle with the other fingers to easily spin the screwdriver with your fingers accelerating the screw driving process.
- Extra durable black tip treated through a refined process to guarantee long service life and increased corrosion protection
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip
- Kraftform Micro series is also available in sets with various tip styles and sizes

Wiha Precision Screwdrivers

Wiha precision screwdrivers consist of precision screwdrivers available in various slotted, Phillips, or hexagonal tip sizes. These screwdrivers have a rotating cap that make it easy to make precise turning and maintain control with you finger tips. Additional features for these screwdrivers include:

- Precision handle for comfort and easy control
- Directly molded dual durometer tapered handle material for a permanent bond provides grip and fast rotation
- Cadmium-free high quality plastic handle
- High alloy chrome-vanadium-molybdenum (CVM) steel high performance blades

For the latest prices, please check AutomationDirect.com
Nutdrivers

Nutdrivers are screwdrivers with a specific sized socket end used to comfortably and easily tighten nuts and bolts.

Wera Nutdriver Sets

Wera nutdrivers have Kraftform Plus handles, have shafts made of chrome-plated steel, and are hollow to allow access to nuts on long screws. These nutdrivers are available in imperial (SAE) or metric sizes.

- Hexagonal handle design to prevent rolling from the work surface
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip
- Available in sets of 7 nutdrivers in metric or imperial sizes
- Hollow shaft allows nutdriving on long screws
- Chrome plated finish for corrosion resistance

Southwire Nutdriver Set

The Southwire nutdriver set includes a heavy-duty driver and a steel shank with bolsters for wrench-assisted turning, plus a 6 imperial (SAE) bit sizes that include 3/16”, 1/4”, 5/32”, 3/32”, 7/32”, 9/32”.

- Comfort grip handle provides extra comfort and maximum torque
- Color coded ends for quick identification of sizes
- Hollow shaft allows nutdriving on long screws
- Chrome plated finish for corrosion resistance

Multi-Bit Drivers

Wiha SoftFinish® Multi-Bit Screwdrivers

Wiha SoftFinish multi-bit screwdrivers set the standard for premium quality professional multi-drivers with features that make this tool a trusted companion for nearly any industrial or home driver application. Features include:

- SoftFinish cushion grip handles for comfort and easy control
- Directly molded dual durometer tapered handle material for a permanent bond
- Interchangeable chrome plated bit insert system
- Premium quality tool steel for strength and durability
- Exact precision tips for reduced cam-out
- 77890 series 6-in-one multi-driver includes (1) hex, (2) torx, (1) square, (1) slotted, and (1) torx/square double-ended S2 steel hex bits in various sizes.

- 77891 series 11-in-one multi-driver includes (2) hex, (1) square, (1) slotted, (2) torx, (1) torx/square, and (1) torx/slot double-ended S2 steel hex bits in various sizes.

- 77892 series 6-in-one multi-driver includes a conduit reamer

Multi-Bit Drivers (continued)

MEGAPRO® Multi-Bit Screwdrivers

MEGAPRO custom loaded multi-bit screwdrivers are versatile and reliable tools designed to provide common or specialized service covering all types of industrial applications. Select the series that best serves your application and enjoy an easy-to-use tool with lifetime warranty.

- Industrial grade S2 steel bits perfect for any job
- Alloy steel shaft serves as 1/4” hex nut driver
- Retractable cartridge for easy bit access and storage
- Palm-saver technology improves use comfort
- EZ guide collar helps maintain full contact between the bit and the screw
- Ultra-strong Triax 1120 resin handle, an ABS-Nylon alloy
- Lifetime warranty for manufacturer’s defects

151NAS ORIGINAL Series Screwdrivers

Commonly used for typical everyday tasks, this screwdriver includes (2) Phillips, (2) square, (2) torx/tools (1) flattened doubled-ended S2 steel hex bits in various sizes.

151ELEC ELECTRONIC Series Screwdrivers

This screwdriver includes (2) hex, (1) square, (1) torx, (1) flat, and (2) torx double-ended S2 steel hex bits in various sizes.

151AUTO AUTOMOTIVE Series Screwdrivers

Providing the most common bits used for any type of automotive application, this screwdriver includes (4) torx, (1) Phillips, (1) flat/valve stem, and (1) 1/4" socket adapter double-ended S2 steel hex bits in various sizes.

151SL44 SHAFTLOK Series Screwdrivers

SHAFTLOK series screwdrivers have a patented locking mechanism that holds the bit tight. This screwdriver includes (2) torx, (2) Phillips, (1) flat, and (2) square double-ended S2 steel hex bits in various sizes.

6EXT-SL6 SHAFTLOK Series Screwdriver Extension

This solid steel 6-inch shaft extension locks into the SHAFTLOK screwdrivers and can also be used in power drills; multiple extensions can be locked together for extra long reach.

251PRECISION PRECISION Series Screwdrivers

This screwdriver has a patented retractable bit cartridge and a rubberized handle for extra comfort. This tool includes (2) hex, (1) pentshirt, (2) Phillips, (2) flat, (1) torx/triangle, (2) hex/torq/torx pin, (1) torq/Phillips, and (1) torq/torq pin double-ended S2 steel hex bits in various sizes.

211R2C36MR RATCHETING Series Screwdrivers

This screwdriver provides a ratcheting action that allows quick tightening of screws. This tool includes (1) square, (2) Phillips, (1) flat, (2) torx tools double-ended S2 steel hex bits in various sizes.
Screwdriving Tools (continued)

Hexdrivers
Hexdrivers are hexagon shaped tools used to tighten or loosen hexagon (or Allen) socket screws. Hexdrivers provide more contact surface inside the screw, which prevents rounding.

Wera Hex-Plus Hexdrivers
Wera Hex-Plus L-Keys hexdrivers are designed with narrow tolerance manufacturing techniques, careful material selection, and refined hardening technologies to deliver maximum safety at work.

- Hexagon ball tip design allows the hexdriver to swivel the axis of the tool to that of the screw to enable angled screw driving jobs where needed
- Available in metric and imperial sets that include various sizes
- Also available in metric and imperial sets with color coded covers for quick identification of sizes
- Sets include a snap-on holder, a two-component clip holder for the colored metric version, or a durable cloth pouch for the colored imperial version
- L-Keys with BlackLaser surface treatment offer outstanding surface protection, long service life, and excellent corrosion protection

Wiha Hexdrivers
Wiha PocketStar Fold-Out hexdrivers are compact tools featuring an engineered polymer handle casing that provides both durable storage and secure grip.

This tool’s design eliminated the struggle of accessing the key you need with an innovative key extractor. Simply engage the push-button key extractor to lift the hex keys for easy access and selection. The CNC precision-machined tips are fit with a chamfered end for smooth fastener engagement.

- Engineered polymer handle casing for high-impact environments
- Hex keys fold into handle for compact storage
- Key sizes are identified on the handle for quick reference
- Innovative pushbutton key extractor eliminates the struggle to access keys
- Keys made from premium-quality tool steel and feature chrome-plated satin finish for corrosion protection
- CNC precision-machined tips for tight fit and reduced cam-out
- Available in metric set with 7 keys or imperial set with 9 keys
- Heat-treated for maximum durability

Bit Drivers, Bits and Adapters
Bits are designed for demanding applications in trade and many industries. Bits are used with bit drivers and adaptors to transfer high torque loads while providing safe operation and extremely durable service.

Wera Bit Drivers, Adapters, and Bit Sets
Wera driver, adapters, and bit sets provide various combinations of high quality driver bits designed for tough industrial jobs. Kits and drivers are available include:

- One Kraftform Kompakt bit-holding bayonet screwdriver with 7 assorted bits that include (3) Phillips, (3) slotted, and (1) Rapidaptor bit holder
- Unique telescopic blade that can be lowered into the handle provides easy-screwdriving action
- Telescopio blade can be removed from the handle to be used as a machine bit adapter
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip

Wiha PocketStar Fold-Out with bit sets (8-pieces)

- One Kraftform Kompakt bit-holding screwdriver with 8 assorted bits that include: Phillips, slotted, BiTorsion Pozidriv, Impaktor Pozidriv, BiTorsion Torx, Impaktor Torx, Hex-Plus bits, and a Rapidaptor bit holder
- Key sizes are identified on the handle for quick reference
- Innovative pushbutton key extractor eliminates the struggle to access keys
- Hex-Plus keys with ball-end hex on long arm
- Rapidaptor bit holder for quick, one-handed bit changes
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip

Wera Kraftform Micro ESD Driver with bit sets (20-pieces)

- Ideal for jobs working with electronic components that require no electrostatic discharge
- One Kraftform Kompakt Micro ESD bit-holding screwdriver with 19 assorted bits that include Phillips, slotted, Torx, Torx Plus, Hex-Plus, and five lobe bits
- BiTorsion bits designed for long service life
- Impaktor bits designed for extreme conditions
- Hex-Plus keys with ball-end hex on long arm
- Rapidaptor bit holder for quick, one-handed bit changes
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip

Wera Kraftform Micro ESD Driver with bit sets (20-pieces)

- One Kraftform Kompakt Micro ESD bit-holding screwdriver with 19 assorted bits that include Phillips, slotted, Torx, Torx Plus, Hex-Plus, and five lobe bits
- This set also includes a durable cloth pouch
- More than satisfies the ESD standards
- Free spin cap and spinning zone that allow for the cap to be supported by a finger tip while turning the handle with the other fingers to easily spin the screwdriver with your fingers accelerating the screw driving process
- Ergonomic handle design fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip
Wera Zyklop Pocket Set (18-pieces)
- One compact Zyklop ratchet with an integral bit magazine in handle that includes (2) Phillips, (2) Pozidriv, (2) Torx, and (4) hex bits, plus (3) 3/8" sockets and a universal bit holder that mounts on the included Zyklop pocket holder.
- Zyklop ratchet's magnetic direct mount quickly converts to a bit ratchet screwdriver with a 1/4" bit mount.
- Freely pivoting ratchet head with five pre-defined locking positions for easy angled screwdriving.
- Fine tooth reversible ratchet for low return angle.
- Stainless steel universal holder with strong permanent magnet can be used as extension.
- Available in metric or imperial sets.

Wera Tool-Check PLUS Imperial (39-pieces)
- Versatile and convenient imperial set loaded with screwdriving options that include (1) Zyklop Mini 1/4" bit ratchet, (6) 1/4" sockets in various sizes, (1) Bitholding screwdriver, (1) Rapidaptor universal bit holder, (3) bit to 1/4" socket adapter, and assorted bits that include (3) Phillips, (1)slotless, (6) Torx, (5) Torx with bore hole, (5) hex, and (3) square plus bits.
- Ideal for working in confined spaces.
- Tough viscous bits for universal use.
- Screwdriver has Kraftform Plus ergonomic handle design that fits snugly in your hand to help prevent injury and provide anti-slip zones for better grip.
- Fine tooth reversible ratchet for low return angle.
- Ratchet head knurling design allows for quick thumb rotation when needed.
- Strong durable materials and construction.
- Rapidaptor bit holder for quick, one-handed bit changes.

Wera T-handle Bitholding Screwdriver/Ratchet
- Convenient to carry-on and use T-handle with a 1/4" external hex drive (model with Rapidaptor bit holder included available).
- Easy to set reversing lever for comfortable clockwise/counterclockwise direction change.
- Ratchet mechanism fully embedded in handle for convenience in use.
- Ergonomic two-component handle design with finger recesses and pleasant surface feel fits snugly in your hand for high power transmission and fatigue-free use.
- Fast rotating sleeve for high working speeds.
- Strong durable materials and construction.
- Rapidaptor bit holder for quick, one-handed bit changes (included with part number 05023461001).

Wiha TerminatorBlue Impact Bits
- Wiha TerminatorBlue bits are impact rated for power tools and rigorously heat-treated to produce a bit that will last 120 times the service life compared to standard bits. The specially designed torsion zone absorbs the impact energy, allowing a maximum unmatched torsion flex.
  - 1ST™ Torsion Stabilizing Technology provides maximum flex and reduced tip stress.
  - CVM premium quality tool steel for strength and durability.
  - Exact fit precision machined Phillips tips reduce cam-out.
  - Fit with a standard 3/8" inch hex drive.
  - Various bit lengths available.
  - Impact-rated for power tool applications.
  - Phillips, slotted, Torx, Pozidriv, and square tips available in various sizes.
  - T-handle and TerminatorBlue quick-release driver bit adapter also available.

Wiha Nut Setters
- Wiha color-coded nut setters are designed with high-visibility color coding and laser-engraved size callouts for quick and easy identification. These nut setters offer a solid shaft that provides strength and durability for long-lasting repetitive use and are impact-rated for use with power tools.
  - High-visibility color coding for quick size identification.
  - Imperial and metric versions available.
  - Induction hardened for long lasting performance.
  - Exact fit precision machined tip for reduced cam-out.
  - Standard 9/32" hex drive for universal application.
  - Durable black oxide finish for corrosion protection.

Wiha Go Box Impact Bit Set
- Wiha Go Box is a ratchet and impact bit set provides dependable functionality and withstands tough jobs. This set features:
  - 72-tooth ratchet with 5° arc swing for smooth ratcheting in tight spaces.
  - Ratchet includes a fast action thumb lever for quick direction change.
  - Highly dependable pawl mechanism for slip or skip prevention.
  - TerminatorBlue Phillips, square, Torx, hex, and Pozidriv impact bits.
  - Compact hard case for easy storage and security.
Wera Torque Screwdrivers
Wera torque tools allow smooth torque-controlled tightening to prevent damage to screws or work pieces, eliminating labor intensive drilling, re-tapping and production downtimes. Torque Screwdrivers available include:

**Torque Screwdrivers**
- Adjustable torque screwdrivers can be adjusted to the required torque by hand
- Easy to read torque scale
- A hexagonal design on the handle helps prevent any rolling of the tool from the work surface
- Torque ranges available from 2.5 in-lb to 55 in-lb depending on model
- Torque drivers available in straight or pistol grip handle versions
- A 27 piece set is available with two straight and one pistol grip torque screwdrivers, (18) Torx bits, and (6) hex-plus bits
- Ergonomic handles designed to fit snugly in your hand

Wrenches, Ratchets and Socket Sets

**Wrenches**

**Wera Joker Combination Ratchet Wrenches**
Wera Joker combination ratchet wrenches revolutionized the humble wrench with a 12-point open end that features a unique 6-point stop plate that enables easier turning of bolts and provides improved grip for loosening stubborn bolts.
- Designed for hexagonal nuts and bolts
- Ratcheting wrenches with a metal plate in the jaw provides unique holding function
- 30° return angle at open end avoids time consuming wrench flipping
- Ratchet mechanism has an exceptionally fine (80-tooth) mechanism for very tight work spaces
- Specially forged geometry for high torque transfer and strength
- Chrome molybdenum steel construction with nickel-chrome coating for corrosion protection

**Wera Joker VDE Insulated Self-Adjusting Spanner Wrench**
Wera Joker VDE insulated self-adjusting spanner wrenches make tightening and loosening of nuts and bolts easy, quick, and efficient by self-adjusting to the correct opening needed. The VDE insulated feature protects users from shock hazards for jobs up to 1K volts.
- Adjustable to provide automatic and continuous grip for all metric and imperial sizes
- Insulated handles are individually tested for safe use up to 1,000 volts and are designed with anti-slip protection and sliding function to ensure contactless and safe opening of the non-insulated jaws
- Ratcheting function allows for fast and consistent operation without requiring wrench removal
- 30° return angle at open end avoids time consuming wrench flipping
- Single-arm design and ratchet feature allows use in confined spaces
- Available in a four-piece set with a convenient carrying pouch
Ratchets and Sockets

Wera Ratchets and Socket Sets

Wera ratchets and socket sets are available for a variety of fastening tasks. These ratchets and sockets are corrosion-resistant and feature simple direction change mechanisms and small return angles for fast, precise work in small spaces. Series available include:

- **Wera Bit-Check**: 31-piece driver bit set with a Zyklop mini bit ratchet, 1/4 inch drive, and a range of slotted, Phillips, Hex-Plus, Square-Plus, and Torx bits.
- **Wera Tool-Check**: 38-piece driver bit and socket set with a Zyklop mini bit ratchet, a 1/4 inch drive, and assorted bits and sockets.
- **Wera Zyklop Metal**: A forged chrome-molybdenum steel ratchet with a convenient direction change lever, a ball lock socket mechanism that holds sockets and attachments securely, designed to fit in tight areas.
- **Wera Zyklop Mini**: A ratchet designed for easy, flexible fastening using 1/4" bits and sockets. This ratchet features a compact design with a small 6° return angle, a thumbwheel for quick operation, and a switch lever for convenient direction change.
- **Wera Zyklop Speed**: This ratchet has Kraftform Plus handles that provide great grip and comfort, a swivel head that locks in 5 different degree positions, and a fine tooth ratchet design that allows operation in tight spaces with a travel as small as 5 degrees.

Additional Wera Ratchet and Socket Sets

In addition to the sets mentioned above, Wera offers tool sets that include ratchets, sockets, bit drivers, bits, and ratcheted T-handles that provide utmost convenience and versatility to fit practically any application. These tool sets include:

- **Wera Zyklop pocket set** (18-pieces)
- **Wera Tool-Check PLUS imperial** (39-pieces)
- **Wera T-handle bitholding screwdriver/ratchets**

Pliers, Stripping and Crimping Tools

Wiha General Purpose Pliers

Wiha general purpose pliers are made of premium quality tool steel with jaws and cutting edges hardened by induction to provide superior sharpness and service life. Features include:

- SoftFinish ergonomic cushion handle for comfort and control
- Wiha’s patented Dynamicslot provides 40% more gripping power resulting in reduced hand fatigue and ease of use
- Heavy-duty steel riveted joints withstand higher levels of loads
- Available in combination sets of various types of pliers and cutters
- Available pliers include long nose, combination, and tongue and groove

Wiha General Purpose Insulated Pliers

Wiha general purpose insulated pliers include the same quality features listed above, but with safety features and advantages of insulated versions, such as:

- Dual durometer construction for long-lasting durability
- Directly molded handles provide a permanent bond and feature a slip guard design for added protection at the front end and raised rear-finger steps for easy opening at the back end
- Each tool is tested and rated for up to 1,000 VAC (1,500 VDC) for safety
- All Wiha insulated tools are VDE certified and meet EN/IEC, ASTM, NFPA, and CSA standards for electrical safety and performance
- Styles include long nose, combination, tongue and groove, long flat nose, and bent nose pliers

Wiha General Purpose Precision Pliers

Wiha general purpose precision pointed short nose pliers are constructed of premium quality tool steel with induction hardened jaws and cutting edges for superior sharpness and service. Features include:

- Soft Touch satin grips for maximum comfort
- Induction hardened precise cutting edges and jaws for superior sharpness and longevity, with black anti-glare finish
- Soft Touch tension return springs
- Premium quality tool steel for strength and durability
Pliers, Stripping and Crimping Tools (continued)

Cutting Pliers and Cable Shears

Southwire Cutting Pliers and Cable Shears

Southwire’s pliers and cutters are made from American forged steel and use hot rivet technology, which make these tools capable of withstanding the wear-and-tear of the toughest jobs. In addition, these pliers include beveled cutting edges hardened with induction and comfortable handles for ease of use. Southwire cutting pliers and cable shears include:

Southwire Linesmans Pliers
- High-leverage design for maximum cutting power
- Induction hardened cutting blades ensure efficient and long lasting cutting surfaces for use with hard and soft wire
- Features a crimper, fish tape puller and reamer

Southwire Diagonal Cutters
- Provides efficient cuts for the most hardened wire, ACSR, bolts, screws and nails
- High-leverage design provides maximum cutting power
- Angled head allows easy and comfortable use for confined spaces

Southwire Cable Shears
- Efficiently and easily cuts up to 4/0 AWG aluminum, 2/0 AWG copper, and 100-pair 24 AWG communications cable
- Induction hardened blades for maximum durability
- Dipped handles for comfort cutters

Wiha Linesmans Pliers
Wiha linesman pliers are designed with deep cut radius conduit jaws for efficient non-slip gripping. Features include:
- 5 in 1 design provides functions such as cutting, crimping, gripping, tightening, or loosening
- Induction hardened blades for maximum durability
- Crimping jaw accepts most standard non-insulated electrical connectors
- Premium C70 special tool steel construction

Wiha Standard and Precision Diagonal Cutters
Wiha diagonal cutters electronic pliers have cutting edges designed for cutting soft to medium hardness wires. Their light weight design provides maximum comfort for production and other applications.
- Models available include standard and precision diagonal cutters, and a precision diagonal full flush cutter with wire trapping spring
- Extra narrow, short head for working restricted spaces
- C70 special tool steel construction

Wire and Cable Stripping Tools

AutomationDirect Wire and Cable Stripping Tools
Our wire and cable stripping tools handle 90% of wires by simply exchanging the easily interchangeable blades, which are available for a wide range of insulations.
- Widest stripping capacity of any tool of its type
- Postal grip option (DN-WS-PG) provides stress free comfort
- Easily interchangeable stripping cassettes available for stripping a wide range of most modern insulation types, from PVC to PTFE, color coded by stripping blade type
- Precise adjustability strips various insulation thicknesses without damage to conductors
- Easy long fiber wire removal after stripping
- Cutting capacity: Stranded conductors to 8 AWG (10 mm²) /Solid conductors to 16 AWG (1.5 mm²)

AutomationDirect Cable Dismantling Tools
Our heavy-duty or compact cable strippers are ideal for removing jacket material from all types of cables. The replaceable blades and ergonomic design make these tools ideal for preparing cables for connections and terminations.
- Cable stripping capacities of up to 1.57" with insulation thickness up to 0.177"
- Models tested for up to 100,000 cycle
- No exposed blades
- DN-CS-1 includes 2 hook sizes to accommodate multiple cable diameters
- DN-CST has a 9-position blade height adjustment wheel for fine-adjustments and repeatability
- Widest stripping capacity of any tool of its type

Southwire Wire Stripper
Wiha insulated industrial stripping pliers provide simple stripping of cables and strands of up to a 5 mm²/10 mm² conductor cross-section. Individually tested DIN ISO 5745.
- Strips and cuts up to 10-20
- AWG solid and 12-22 AWG stranded wire
- Double-dipped grip for comfortable fit
- Spring-loaded for self-opening action

Wiha Wire and Cable Stripping Tools
Wiha insulated industrial stripping pliers provide simple stripping of cables and strands of up to a 5 mm²/10 mm² conductor cross-section. Individually tested DIN ISO 5745.
- Durable high-quality chrome-plated plier surface prevents corrosion
- Opening spring reduces strain from continuous work
- Increases efficiency by allowing a wide variety of settings
- Each tool is individually tested and approved for 3,000 VAC
- Available in tool set that includes the insulated stripper and cutter combination
Crimping Pliers and Dies

Self-Adjusting Crimping Tools

Our self-adjusting ferrule and end sleeves crimping tools are lightweight, compact, comfortable and very easy to use.
- Ratchet (with emergency release) ensures crimps are according to specification
- Well-balanced and non-slip grip avoid slipping out of the hand
- Ergonomic handles with hardness and surface textures for comfortable frequent use
- Low handle force for larger ferrule sizes
- Compact and lightweight design for easy access within confined spaces
- Hole for attaching a safety strap
- Multiple crimp profiles available

Fixed and Replaceable Die Crimping Tools

Our crimping tools are designed for insulated and non-insulated wire ferrules.
- Versatile and easy to customize for right hand or left hand users
- Non-slip pad holds tool in place when leveraging on a work surface
- Full cycle crimp mechanism to ensure consistent, reliable crimp
- Oval crimp for insulated connectors with color coded connector reference (DN-CT-RBY)
- Models available with replaceable dies for insulated and non-insulated terminals, ferrules and assorted connectors

Southwire Crimping Tool

Crimping tools are designed for insulated and non-insulated wire ferrules.
- Specially hardened wire cutter in nose
- Tapered nose for working in confined spaces

Cable Tie Tools

Cable Tie Tools

Cable tie tools ensure proper and clean installations.
- Cable tie gun: Used to tighten the cable tie easily and tightly
- Collar fastening tool: Used to tighten double-headed cable ties
- Cable tie cutting tool: Used to make a clean cut of the cable tie excess

Knives

EDGEFORCE™ Hawk Bill Knife

- Premium D2 stainless steel holds an edge
- Curved blade for pull cuts and splicing
- Rugged metal handle
- Stonewash black oxide coated blade
- Liner lock keeps blade secure
- Comfort grip for maximum hold and comfort
- Reversible belt clip

Folding Utility Knife

- Quick open/close button for easy one-hand operation
- Durable metal body with comfort grip for secure hold
- Easy blade replacement
- Rugged metal handle
- Comfort grip for maximum hold and comfort
- Lanyard hole and belt clip

Fish Tape

Southwire’s SIMpull™ fish tape allows easy pulling of wire or cable through a filled or empty conduit up to 2 inches in diameter. The swiveling flexible metal leader and the polymer non-conductive tape makes the job SIMpull.
- Spiral extruded polymer design reduces the amount of effort required to push or pull the fish tape
- Swivelling flexible metal leader easily glides through bends
- Low-friction material reduces binding at joints, couplings, or 90-degree bends
Hole Cutting Tools

Hole Cutting Tools

Hole cutting tools are used to cut or punch holes in metals and plastic surfaces. These high-quality tools cut quickly and cleanly for a variety of applications such as electrical, heating technologies and automotive. These tools include step drills, drill bits, thread taps, knock-out punches, and hole saws.

Step Drills

These self-starting drills cut fast, clean holes and offer a unique split point design which eliminates skidding and the need for center punching.

Jobber Length Drill Bits

Jobber length twist drill bits provide fast and clean cutting for many materials, including stainless steel.

Machine Taps and Hand Taps

Machine and hand taps are used to create new or repair threads using a hand tool or an electro-mechanical tool such as a drill, lathe or mill. RUKO 5% cobalt high-speed steel (HSSE-Co5) machine thread taps are available in a range of SAE sizes with coarse or fine threads.

Knockout Punches

RUKO’s squeeze-activated hydraulic knockout punches allow quick, precise and clean hole punching in sheet metal and plastic up to 5/32 inch thick. Use with RUKO knockout punches (sold separately).

• Compact design
• Manually actuated pistol grip

Hole Saws

Hole saw kits consist of various options of bi-metal high-speed or cobalt 8 hole saws stored in a plastic case, which includes an anchor holder, pilot drill and an allen wrench. The hole saws provide clean cuts with just a slight pressure. Do not use with hammer drills.

• Available in sets that include different number of saws in various sizes

Tool Bags and Cases

Tool Bags

Southwire Tool Bag

• Constructed from 2400d ballistic weave nylon
• Carry over shoulder or attach to a belt
• 11 inside and 5 outside tool storage pockets
• Side pocket with Flip Lid™ spill guard provides secure easy access for small items
• Electric tape strap
• Adjustable hammer/flashlight loop
• Two rubber feet keep it stable when setting on a flat surface

C.H. Ellis Mechanic’s Tool Bag

• Black, ballistic nylon bag
• Two strap-style carry handles
• D-rings for optional shoulder strap
• Three exterior pockets on each side with a 2 snap cover flap
• 4 interior pockets on each side
• Roomy interior for tools, meters, or spare parts
• Stores easily in desk, case, or drawer

Tool Cases

C.H. Ellis Hard Case and Rolling Tool Cases

• High Density Polyethylene 25% thicker than standard cases
• Resists gasoline, chemicals and most solvents
• 8 external protective bumpers to protect hardware and contents
• Black painted tongue-and-groove frame resists moisture and dirt
• 2 quarter-turn military style, resist lateral movement
• 2 padlock loops for optional TSA padlock
• Spring-loaded handle
• 2 mechanical lid stays to hold lid open, built-in feet, full piano hinge
• Ribbed case for increased durability
• Plenty of room in base for extra items such as meters, drills, soldering iron or spare parts boxes
• Top and bottom removable pocket panels, 50 slot/pocket total (hard case only)
• Includes 40 inch locking telescoping handle, replaceable (rolling case only)
• 3” diameter edgecaster wheels, replaceable (rolling case only)

C.H. Ellis Attaché Tool Case

• High impact plastic shell with molded-in feet
• Resists gasoline, most chemicals and solvents
• Ribbed case provides additional strength
• Milled aluminum valance with tongue-and-groove frame, resists water and dirt intrusion
• Top and bottom panels (replaceable), 50 tool pockets total
• Full length piano hinge
• 2 mechanical lid stays to hold case open while working
• Includes padded handle and two keyed chrome latches