

2022

# PROFESSIONAL INSULATED TOOLS



Supporting Arc Flash  
Protection

## INSULATED PROGRAM





## Arc Flash Protection:

Wiha Insulated tools can be a vital component in your Arc Flash protection strategy. What is Arc Flash?

### ARC FLASH

An Arc Flash is an electrical explosion due to a fault condition or short circuit when either a phase to ground or phase to phase conductor is connected. Arc flashes cause electrical equipment to explode, resulting in an arc-plasma fireball. Temperatures may exceed 35,000° F (the surface of the sun is 9000° F). These high temperatures cause rapid heating of surrounding air and extreme pressures, resulting in an arc blast. The arc blast will likely vaporize all solid copper conductors which will expand up to 67,000 times its original volume when it is vaporized. The result of this violent event is usually destruction of the equipment involved, fire, and severe injury or death to any nearby people.

### WHY ARC FLASHES HAPPEN

There are a variety of reasons why an Arc Flash can occur, but most of them are preventable. Most arc flashes occur when maintenance workers are manipulating live equipment for testing or repair and accidentally cause a fault. Improper tools, improper electrical equipment, corrosion of equipment, improper work techniques and lack of training are just some of the events that can lead to a devastating arc flash or arc blast.

### ARC FLASH COMPLIANCE

There are 4 main regulations that govern electrical safety & arc flash:

1. OSHA Standards 29CFR, Part 1910. Occupational Safety and Health Standards. 1910 sub part S (electrical) Standard number 1910.333 specifically addresses Standards for Work Practices and references NFPA 70E. OSHA 29CFR 1910.335 (a) (1)(i) requires the use of protective equipment when working where a potential electrical hazard exists and 29CFR 1910.132(d)(1) which requires the employer assess the workplace for hazards and the need for personal protective equipment. OSHA compliance is required by any plant building or facility.
2. The National Fire Protection Association (NFPA) Standard 70 - 2002 "The National Electrical Code" (NEC) contains requirements for warning labels.
3. NFPA 70E provides guidance on implementing appropriate work practices that are required to safeguard workers from injury while working on or near exposed electrical conductors or circuit parts that could become energized. Part II 2-1.3.3 regarding Arc Flash Analysis states that a "Flash Hazard Analysis shall be done before a person approaches any exposed electrical conductor or circuit part that has not been placed in an electrical safe work condition". This Arc Flash Hazard Analysis must be done to determine the level of Personal Protection Equipment PPE that a worker must use, and the Arc Flash Boundary in inches along with the incident energy found at each location. Each panel must be marked with an ANSI z535 approved Arc Flash Warning Label.
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 – 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarcflash.com>

### OSHA

Wiha tools assists with compliance of OSHA 29CFR 1910 (Sub Parts electrical standard)

## Wiha Insulated Adjustable Wrenches



⚡ 1000Volt

**76208 Insulated 8" Adjustable Wrench**  
 Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	lbs.	pkg.
76208	8.0	200	1"	.7	1



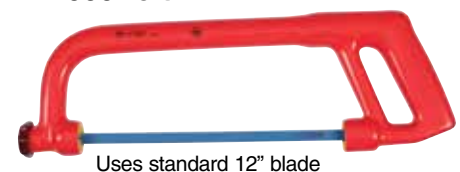
⚡ 1000Volt

**76210 Insulated 10" Adjustable Wrench**  
 Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	lbs.	pkg.
76210	10.0	250	1-1/4"	1.4	1

## Wiha Insulated Hacksaw

⚡ 1000Volt



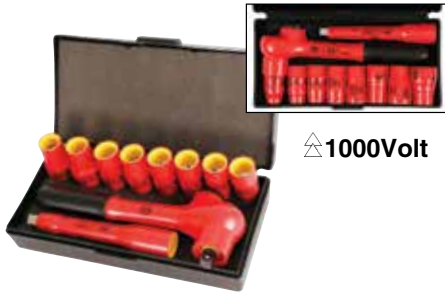
Uses standard 12" blade

**19767 Hacksaw, With Insulated Handle**  
 Insulation According to EN/IEC 60900, DIN ISO, ASTM & CSA Specification, Up To 1000 Volt. Individually Tested.

Item No.	OAL mm	OAL Inch	Capacity lbs.	pkg.
19767	457mm	18.0"	1.92	1

**Each tool individually tested to 10,000 volts & certified to 1000 Volt ac or 1500 Volt dc**

**Wiha Insulated 3/8" Sockets & Sets**



 1000Volt

**31493 10 Pc. Insulated 3/8" Drive Socket**

**Set - Inch** CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.


Item No.	Set includes the following:
31493	5/16, 3/8, 7/16, 1/2,
	9/16, 5/8, 11/16, 3/4"
lbs. 2.50	3/8" x 125mm Extension Bar 3/8" Ratchet - 190mm



 1000Volt

**31590 10 Pc. Insulated 3/8" Drive Socket**

**Set - Metric** CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.


Item No.	Set includes the following:
31590	8, 10, 11, 12, 13, 14, 17, 19mm
	3/8" x 125mm Extension Bar
lbs. 2.50	3/8" Ratchet - 190mm



 1000Volt

**31491 16 Piece Insulated 3/8" Drive**

**Socket Set - Inch/Metric** CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No.	Set includes the following:
31491	5/16, 3/8, 7/16, 1/2,
	9/16, 5/8, 11/16, 3/4"
lbs. 2.01	8, 10, 11, 12, 13, 14, 17, 19mm

**Wiha Insulated 1/2" Sockets & Sets**



 1000Volt

**31792 14 Pc. Insulated 1/2" Drive Socket**

**Set - Inch** CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No.	Set includes the following:
31792	3/8, 7/16, 1/2, 9/16, 5/8, 11/16,
	3/4, 13/16, 7/8, 15/16, 1"
lbs.	1/2" x 125mm Extension Bar
7.64	1/2" x 250mm Extension Bar 1/2" Ratchet - 190mm

**Wiha Insulated T-handle Hex Drivers**

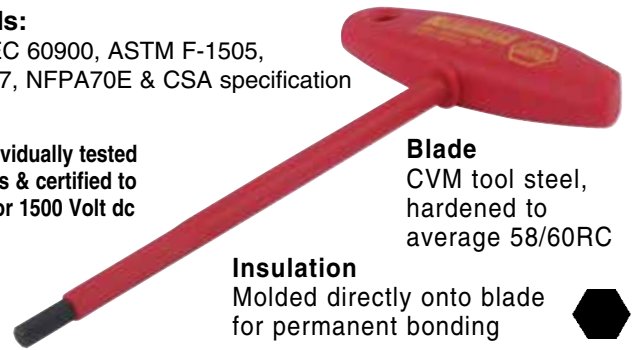
**Insulation Test Standards:**

Insulation according to EN/IEC 60900, ASTM F-1505, VDE 0682/part 201, DIN 7437, NFPA70E & CSA specification



Each tool individually tested to 10,000 Volts & certified to 1000 Volt ac or 1500 Volt dc

Responds to OSHA's use specification 29 CFR1910



**Blade**  
CVM tool steel, hardened to average 58/60RC

**Insulation**  
Molded directly onto blade for permanent bonding



**33478 5 Piece Metric T-handle Hex Set**

Item No.	Metric:	lbs.
33478	4.0, 5.0, 6.0,	
	8.0, 10.0mm	1.20



 1000Volt

**33490 6 Piece Inch T-handle Hex Set**

Item No.	Inch:	lbs.
33490	5/32, 3/16, 7/32,	
	1/4, 5/16, 3/8"	1.66

**Wire Stripping Pliers**



High Carbon



Non-Insulated



**57810 Wire Stripping Pliers Non-Insulated**

Pliers nose for working small nuts & pulling wire. Precision ground stripping stations for both solid & Stranded wire. Long, curved cutter requires less force to cut. Holes in the jaw for looping wire. Return spring & opening stop to prevent spring from becoming disengaged. Wire stripping stations 10 - 18 Solid & 12 - 20 Stranded. Screw Cutter 6-32 / 8-32

Item No.	mm	Inch
57810	184	7.25

## Wiha Insulated TorqueControl & SlimLine Tool Sets



### • TorqueVario adjustable torque driver

molded cushion grip two component handles allow for maximum achievable torque to be reached with comfort.

### Precise repeatability!

TorqueVario tools are tested & comply with: EN ISO 6789, BS EN 26789, ASME B107.14M

- Loosening torque 50% greater than tightening torque
- Audible & perceptible click alerts user that torque level has been attained
- Precise torque for service, assembly, tooling & repair
- Automatically resets for next torque setting cycle
- Replaceable blades

With Certificate of Calibration



△ 1000Volt

In Roll-up Pouch

**28792** 16 Piece Insulated

### TorqueControl Set With SlimLine Blades

Certified to EN ISO 6789, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 13 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

Item No.

**28792** SlimLine Slotted: 4.0, 5.5, 6.5mm

SlimLine Phillips: #1, 2

SlimLine Terminal Xeno: #1, 2

SlimLine TORX®: T8, T10, T15, T20

SlimLine Square: #1, 2

28727 - Handle Range 18-62 Inch/lbs.

SlimLine Blade Holder

↔ lbs. 1.27



## Wiha Insulated Nut Drivers with SoftFinish® Cushion Grip Handle



△ 1000Volt

In roll-up pouch



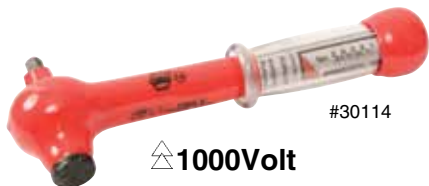
**32288** 9 Pc. Nut Driver Set - Inch Sizes

Item No.	Inch	Weight
32288	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8"	3.16 lbs.

## Wiha Insulated Torque Ratchet Wrench Sets



#30138



#30114

△ 1000Volt



△ 1000Volt

**30190** 16 Pc. Insulated 3/8" Drive Ratcheting Torque Wrench & Socket Set - Inch CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No. Inch 3/8" Drive Sockets:

**30190** 1/4, 9/32, 5/16, 11/32, 3/8, 7/16

↔ 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"

lbs. 3/8" x 125mm Extension Bar

8.80 3/8" x 250mm Extension Bar

3/8" Drive Ratcheting Torque

Wrench - 5-50 Nm

\*Sockets must be used with insulated ratchets & extensions



△ 1000Volt

**30192** 16 Pc. Insulated 3/8" Drive Ratcheting Torque Wrench & Socket Set - Metric CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No. Metric 3/8" Drive Sockets:

**30192** 8, 9, 10, 11, 12, 13, 14, 15, 16,

↔ 17, 18, 19, 20mm

lbs. 3/8" x 125mm Extension Bar

8.80 3/8" x 250mm Extension Bar

3/8" Drive Ratcheting Torque

Wrench - 5-50 Nm

\*Sockets must be used with insulated ratchets & extensions

### 301 Insulated Torque Ratchet

Wrenches, 1/4, 3/8, 1/2" Drives Insulated to EN/IEC 60900:2004, ASTM F1505, CSA Standards Visible reading scale for easy reading and adjustment. Locking endcap Torque adjuster for easy adjustment. Accuracy +/- 10%. Dual scale reading Ft. lbs. / Nm.

Item No.	OAL	OAL	Weight	Capacity	Capacity	Pkg.
No.	Inch	mm	Inch	Nm	lbs.	
30114	1/4"	210	8.25	5-25	1.02	1
30138	3/8"	370	14.5	5-50	2.72	1
30152	1/2"	530	21.0	40-220	3.64	1

**Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle**



Each tool individually tested to 10,000 Volts & certified to 1000 Volt ac or 1500 Volt dc



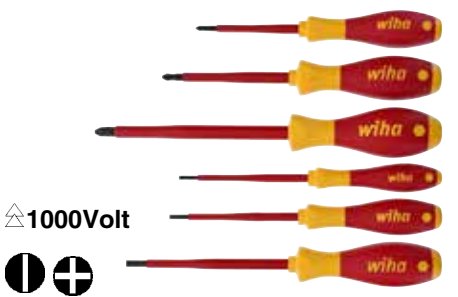
**Insulation Test Standards:**

Insulation according to EN/IEC 60900, ASTM F-1505, New VDE 0682/part 201, DIN 7437, NFPA70E & CSA Responds to OSHA's use specification 29 CFR1910

**SoftFinish® handle** Solid molded core with soft outer cushion grip. 40% more torque than conventional handles

**Insulation** Molded directly onto the blade for permanent bonding

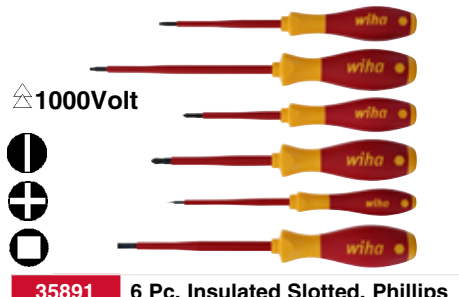
**Blade** CVM tool steel, hardened to average 58/60RC



△1000Volt



<b>32092</b>	<b>6 Piece Slotted &amp; Phillips Set</b>
Item	↕ Slotted: 3.5, 4.5, 6.5
No.	⊕ Phillips: #1, 2, 3
<b>32092</b>	↔ lbs. 1.38



△1000Volt



<b>35891</b>	<b>6 Pc. Insulated Slotted, Phillips &amp; Square Screwdrivers</b>
Item	Slotted: 3.0, 5.5mm ↔
No.	Phillips: #1, 2 lbs.
<b>35891</b>	Square: #1, 2 .83

△1000Volt



<b>32592</b>	<b>10 Piece TORX® Set</b>
Item No.	TORX: T6, T7, T8, T9, T10, T15, T20, T25, T27, T30
<b>32592</b>	↔ lbs. 1.2

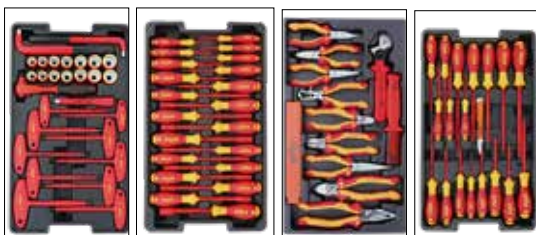
**Wiha Insulated Master Electrician's Tools**



All Tools In Dedicated Positions For Quick Storage & Easy Location Tracking



△1000Volt



**Insulation Test Standards:**

Insulation according to EN/IEC 60900, ASTM F-1505, VDE 0682/part 201, DIN 7437, NFPA70E & CSA



**32800 80 PC. Insulated Master Electrician's Tool Set In Rolling Water Tight Traveling Tool Box - 10,000Volt Tested, 1000Volt Rated**

<b>Item# 32800</b>	<b>Set Includes:</b>	↔ lbs. 41.5
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Bent Nose Pliers	6.3" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
<b>Insulated Inch Sockets:</b> 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"	<b>Insulated Slotted:</b> 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm	
<b>Insulated Metric Sockets:</b> 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0mm	<b>Insulated Phillips:</b> #0, 1, 2, 3	
<b>Insulated Ratchet 3/8" Drive</b>	<b>Insulated Xeno Slotted/Phillips Terminal:</b> #1, 2	
<b>Insulated 4.9" Extension 3/8" Dr.</b>	<b>Insulated Square:</b> #1, 2	
<b>Insulated Inch Nut Drivers:</b> 7/32, 1/4, 5/16, 3/8, 7/16"	<b>Insulated TORX:</b> T6, T7, T8, T9, T10, T15, T20, T25, T30	
<b>Insulated Metric Nut Drivers:</b> 5.0, 5.5, 6.0, 7.0, 8.0, 10.0, 13.0mm	<b>Insulated L-key:</b> 10mm	
<b>Insulated T-handle Inch Hex:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	<b>Insulated L-key:</b> 1/2"	
<b>Insulated T-handle Metric Hex:</b> 4.0, 5.0, 6.0, 8.0mm	<b>Insulated Cable Knife:</b> 50mm	
	<b>Insulated Folding Ruler In/MM</b>	
	<b>Cat. IV Voltage Detector-</b> 50-1000 Volt, Battery Operated	

## Wiha 1000Volt Insulated Tool Sets



**50 Pc.  
BIG SET**

**1000Volt**

**32874 50 Piece Insulated Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.** Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Cushion Grip Insulated handles. Canvas tool bag.

<b>Item# 32874</b>	<b>Set Includes:</b>	↔ lbs. 19.8
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" BiCut SuperCut	
6.3" Combination Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
10.0" Water Pump Pliers	Battery Operated Voltage Detector	
<b>Slotted:</b> 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0mm		
<b>Phillips:</b> #0, 1, 2, 3 <b>Square:</b> #1, 2 <b>Sit/Ph Terminal:</b> #1, 2		
<b>TORX:</b> T8, T9, T10, T15, T20, T25, T27, T30		
<b>Hex Inch:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"		
<b>Nut Driver Inch:</b> 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"		
50mm Cable Stripping Knife & Insulated Inch/Metric Folding Ruler		

## Insulated Pliers/Cutters Tool Set



**1000volt**

**32968 3 Piece Insulated Industrial Pliers/Cutters Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.** Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C70 special tool steel hardened and tempered to high quality. Cushion Grip Insulated handles.

<b>Item# 32968</b>	<b>Set Includes:</b>	↔ lbs.
9.5" Insulated Industrial NE Style Lineman's Pliers		
8.0" Insulated Industrial Long Nose Pliers		
8.0" Insulated Industrial Heavy Duty Diagonal Cutters		

## Insulated Crimpers

Industrial brushed finish



**1000volt**

**32945 Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. Crimps 6 - 30 AWG Connectors.

Item	↔	↔			↔	↔
No.	mm	Inch	mm <sup>2</sup>	AWG	Pkg.	wt.
<b>32945</b>	180	7.0	0.25-2.5	6-30	1	.64

## Insulated Long Nose Pliers With Cutters

Industrial brushed finish



**1000volt**

**329 Insulated Industrial Long Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.** Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, half-round jaws, serrated gripping surface.

Item	↔	↔	Cutting Capacity		↔	↔
No.	mm	Inch	Copper AWG	Pkg.	wt.	
<b>32923</b>	200	8.0	#8	1	.46	

## Insulated High Leverage Diagonal Cutters

Industrial brushed finish



**1000volt**

**32939 Insulated Industrial High Leverage Diagonal Cutters. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5749** Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C70 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

Item	↔	↔	Cutting Capacity		↔	↔
No.	mm	Inch	Copper AWG	Pkg.	wt.	
<b>32939</b>	200	8.0	#4	1	.66	

**Insulated Lineman's Pliers With Crimpers**

Industrial brushed finish







Long life high performance dynamic 60/40 joint

64HRC cutting edges

 **1000volt**

**32917 Insulated Industrial Lineman's Pliers "5-In-1" Professional Design. Insulation According to EN/IEC, ASTM, NFPA70E & CSA, up to 1000 volt. Individually Tested.** Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Premium CV tool steel forgings.

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
32917	225	9.0	#4	1	.98

**Insulated NE Style Lineman's Pliers**



Knurled Striking Zone







Long life high performance dynamic 60/40 joint

 **1000volt**

Industrial brushed finish

**32938 Insulated NE Style Lineman's Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables.

Item				
No.	mm	Inch	Pkg.	wt.
32938	245	9.5	1	1.18







**Insulated Heavy Duty Cable Cutters**

Industrial brushed finish



 **1000volt**


**32927 Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. For cutting of copper & aluminum cables without crushing.

Item						
No.	mm	Inch	Ø	mm2	Pkg.	lbs.
32927	200	8.0	20	60	1	.78

**Apprentice Tool Set**



**32934 16 Piece Insulated Apprentice Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.** In electrician's belt pack.


- Item# 32934 Set Includes:**  lbs. 8.42
- 9.5" Insulated Industrial NE Style Lineman's Pliers
  - 8.0" Insulated Industrial Long Nose Pliers
  - 8.0" Insulated Industrial Heavy Duty Diagonal Cutters
- Insulated SoftFinish® Screwdrivers:**
- Slotted: 4.5, 6.5mm Phillips: #1, #2 Square: #2
- Insulated PicoFinish® Precision Screwdrivers:**
- Slotted: 2.5, 3.0, 3.5mm Phillips: #0
- 7.25" Wire Stripping Pliers 10-20 AWG
  - 25 Ft. Tape Measure, 20 oz. Claw Hammer, 9" Torpedo Level

**Journeyman's Tool Set**



 **1000volt**

**32935 30 Piece Insulated Journeyman's Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.** In canvas tool bag.

- Item# 32935 Set Includes:**  lbs. 14.88
- 9.5" NE Style Lineman's Pliers
  - 8.0" Long Nose Pliers
  - 8.0" Heavy Duty Diagonal Cutters
  - 8.0" Cable Cutters
  - 10.0" Insulated Water Pump Pliers
- Insulated SoftFinish® Screwdrivers:**
- Slotted: 4.0, 4.5, 6.5mm • Phillips: #1, #2 • Square: #1, #2
  - Nut Drivers Inch: 1/4, 5/16, 3/8"
- Insulated PicoFinish® Precision Screwdrivers:**
- Slotted: 2.5, 3.0, 3.5mm • Phillips: #0, #1
- Extra Heavy Duty SoftFinish® Screwdriver:** Slotted 8.0mm
- Nut Setters: 1/4, 5/16, 3/8"
  - 10.0" Auto Water Pump Pliers
  - 7.25" Wire Stripping Pliers 10-20 AWG
  - 25 Ft. Tape Measure, 20 oz. Claw Hammer, 9" Torpedo Level
  - 5.75" Cat. IV Voltage Detector 50-1000 Volts

## Master Technician's Tool Set



1000volt

### 32937 59 Piece Insulated Master Electrician's Tool Set.

**Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.**  
Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C70 special tool steel hardened and tempered to high quality. Cushion Grip Insulated handles. In canvas tool bag.

**Item# 32937 Set Includes:** lbs. 18.45

- 9.5" Insulated Industrial NE Style Lineman's Pliers
- 8.0" Insulated Industrial Long Nose Pliers
- 8.0" Insulated Industrial Heavy Duty Diagonal Cutters
- 8.0" Insulated Industrial Cable Cutters
- 10.0" Insulated Water Pump Pliers

#### Insulated SoftFinish® Screwdrivers:

**Slotted:** 4.0, 4.5, 5.5, 6.5mm • **Phillips:** #1, #2

**Square:** #1, #2 • **Terminal Xeno Slit/Ph:** #1, #2

**Nut Drivers Inch:** 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"

#### Insulated PicoFinish® Precision Screwdrivers:

**Slotted:** 2.5, 3.0, 3.5mm **Phillips:** #00, #0, #1

#### 22 Pc. ErgoStar Ball End Hex Inch & Metric L-keys

**Inch:** .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

**Metric:** 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0mm

**Extra Heavy Duty SoftFinish® Screwdriver:** Slotted 8.0mm

**Nut Setters:** 1/4, 5/16, 3/8"

10.0" Auto Water Pump Pliers

7.25" Wire Stripping Pliers 10-20 AWG

25 Ft. Tape Measure, 20 oz. Claw Hammer, 9" Torpedo Level

5.75" Cat. IV Voltage Detector 50-1000 Volts

## Wiha Conduit Reamer & 6inOne Multi-Driver



**77892 Conduit Reamer & 6inOne SoftFinish® Multi-Driver Screwdriver** premium quality tool steel engineered for strength and durability. Exact fit precision machined tips for reduce cam-out of fastener heads.

#### Includes the following:

- Slotted:** 3/16", 1/4" lbs.
- Phillips:** #1, #2 .74
- Nut Driver:** 1/4", 5/16"

## Wiha Color Coded Nut Setters



High visibility color coded for fast selection, rugged corrosion resistant black oxide finish, impact rated to 700 in/lbs.

**70486 6 pc. Color Coded Hex Inch Nut Setter Set** Powerful magnet for secure holding of fasteners. 6"/152mm OAL. In Blister Card

#### Item No. Set includes:

- |              |      |                            |
|--------------|------|----------------------------|
| <b>70486</b> | lbs. | 1/4" R, 5/16" Y, 3/8" Bl   |
|              | 1.21 | 7/16" Br, 1/2" O, 9/16" Bk |

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To: