

2018



Tools that work for you



# Professional Insulated Tools

Supporting Arc Flash Protection

10,000 Volt Tested  
1000 Volt Rated



#32800

# Complete 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.

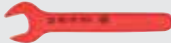
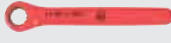
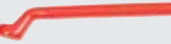
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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### OSHA

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

## Wiha Insulated Wrenches

Description	Page
 Insulated Open End Spanners	4-5
 Insulated Ratchet Wrenches	5
 Ins. Offset Ring Wrenches	6

## Wiha Insulated Adjustable Wrenches

Description	Page
 Insulated Adjustable Wrenches	7
8.0, 10.0, 12.0, 15.0"	

## Wiha Insulated Electrician's Knives

Description	Page
 Insulated Knives	7



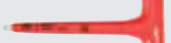

## Wiha Insulated L-keys

Description	Page
 Insulated L-keys	8



## Wiha Insulated 3/8" Hex Drive Bit Sockets

Description	Page
 Ins. Hex Drive Bit Sockets	9

## Wiha Insulated Socket Accessories

Description	Page
 Insulated Sockets 1/4, 3/8, 1/2"	9-12
 Insulated Ratchets	10-13
 Insulated T-handle	10-13
 Insulated Extension Bars	10-13

## Wiha Insulated Cable Cutters & Pliers

Description	Page
 Insulated Cable Cutters	13
 Insulated WaterPump Pliers	13



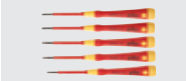
**Wiha Insulated Hacksaw**

Description	Page
 Insulated Hacksaw	13


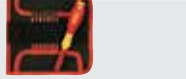



**Wiha Insulated Pop-Up SlimLine Blade Sets**

Description	Page
 Insulated Pop-Up Sets	17

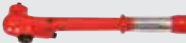
**Wiha Insulated Pico Finish Screwdrivers**

Description	Page
 Insulated Slotted Drivers	20
 Insulated Phillips Drivers	20
 Insulated PicoFinish Sets	20


**Wiha Insulated SlimLine Tools**

Description	Page
 Insulated SlimLine Handles	18
 Insulated SlimLine Blade Sets	17-18
 Insulated SlimLine Blades	19
 Insulated SlimLine Drivers	20
 Insulated SlimLine Driver Sets	21

**Wiha Insulated TorqueControl Tools**

Description	Page
 Insulated Torque Ratchet	16


**Wiha Insulated Pop-Up Insert Bit Sets**

Description	Page
 Insulated Pop-Up Sets	27-28











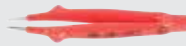
**Wiha Insulated Multi-Bit Holders**

Description	Page
 Insulated Multi-Bit Drivers	27






**Wiha Insulated Belt Pack Pouch Sets**

Description	Page
 Insulated Belt Pack Pouches	28
Pliers & Cutters	
Pliers/Cutters & Screwdrivers	
Pliers/Cutters & Multi Bit Set	


**Wiha Insulated Tools**

Description	Page
 Xeno Terminal Block Combination Screwdrivers	25
 Insulated TorqueControl Handle & Blade Holder	17
 Voltage Detectors	25
 Insulated Hex Inch/Metric T-handles	15
 Insulated Slotted Drivers	22-23
 Insulated Phillips Drivers	22-23
 Insulated Torx® Drivers	24
 Insulated Nut Drivers	26
 Insulated Pozidriv®	25
 Insulated Square Tip	24
 Insulated Tweezers	14

**Wiha Insulated 1000Volt Pliers/Cutters**

Description	Page
 Insulated Combination Pliers	36
 Insulated Heavy Duty Diagonal Cutters	37
 Insulated Pliers	38
 Insulated Stripping Pliers	37
 Insulated Pliers Sets	28-35

**Wiha Insulated Inomic Pliers**

Description	Page
 Insulated Inomic Pliers	39
Inomic Combo Pliers	
Inomic Long Nose Pliers	
Inomic Diagonal Cutters	

**Wiha Insulated Industrial Pliers/Cutters**

Description	Page
 Insulated Industrial Pliers/Cutters	40-44

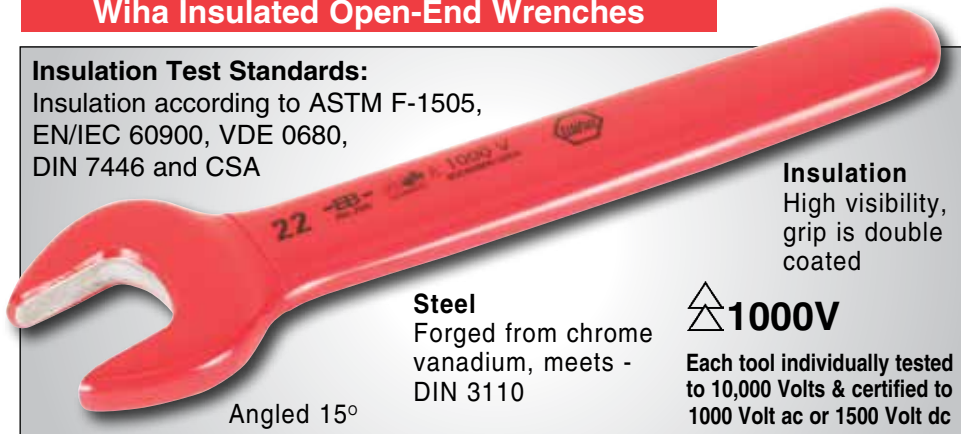




## Wiha Insulated Open-End Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505, EN/IEC 60900, VDE 0680, DIN 7446 and CSA



**Insulation**  
High visibility, grip is double coated

**Steel**  
Forged from chrome vanadium, meets - DIN 3110

**1000V**

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

Angled 15°



### 1000Volt

**201** Inch Open-End Wrenches, With Insulated Handle Insulation According to VDE Specification 0680 and EN/IEC 60900, DIN 7446 and CSA, up to 1000 Volt. Individually Tested. Chrome-vanadium steel, hardened. Angled 15°.

Item No.	⊘	OAL	OAL	↔	⊞
	Inch	Inch	mm	lbs.	pkg.
20131	1/4	3.4	87.5	.04	1
20133	5/16	3.9	100	.05	1
20135	3/8	4.1	105	.09	1
20136	7/16	4.6	117	.09	1
20137	1/2	5.5	140	.15	1
20138	9/16	5.7	146	.15	1
20140	5/8	6.2	158	.20	1
20141	11/16	6.5	165	.23	1
20142	3/4	7.0	178	.33	1
20144	13/16	7.5	191	.42	1
20145	7/8	7.6	192	.44	1
20146	15/16	7.9	201	.51	1
20147	1	8.4	213	.61	1
20148	1-1/16	9.2	233	.79	1
20149	1-1/8	9.2	233	.77	1
20151	1-1/4"	7.5			1
20154	1-1/2"	7.5			1

\* Lengths are +/- 5% due to coating process



### 1000Volt

**200** Metric Open-End Wrenches, With Insulated Handle

Item No.	⊘ <sub>MM</sub>	OAL	OAL	↔	⊞
	mm	mm	Inch	lbs.	pkg.
20006	6.0	97	3.8	.04	1
20007	7.0	98	3.9	.05	1
20008	8.0	104	4.1	.07	1
20009	9.0	108	4.3	.07	1
20010	10.0	107	4.2	.08	1
20011	11.0	118	4.6	.11	1
20012	12.0	129	5.1	.11	1
20013	13.0	137	5.4	.19	1
20014	14.0	150	5.9	.19	1
20015	15.0	151	5.9	.17	1
20016	16.0	164	6.5	.22	1
20017	17.0	168	6.4	.24	1
20018	18.0	173	6.8	.41	1
20019	19.0	178	7.0	.32	1
20020	20.0	190	6.9	.36	1
20022	22.0	196	7.7	.39	1
20024	24.0	211	8.3	.58	1
20027	27.0	218	8.6	.68	1
20030	30.0	235	9.3	.97	1
20032	32.0	237	9.3	1.01	1



### 1000Volt

**20190** 14 Piece Insulated Inch Open End Wrench Set

Item No.	⊘	OAL	⊘	OAL	↔
	Inch	Inch	Inch	Inch	lbs.
20190	5/16	3.9	3/4	7.0	5.70
	3/8	4.1	13/16	7.5	
	7/16	4.6	7/8	7.6	
	1/2	5.5	15/16	7.9	
	9/16	5.7	1	8.4	
	5/8	6.2	1-1/16	9.2	
	11/16	6.5	1-1/8	9.1	



### 1000Volt

**20091** 15 Piece Insulated Metric Open End Wrench Set

Item No.	⊘ <sub>MM</sub>	OAL	⊘ <sub>MM</sub>	OAL	↔
	mm	mm	mm	mm	lbs.
20091	6.0	97	14	150	3.0
	7.0	98	15	151	
	8.0	104	16	164	
	9.0	108	17	162	
	10.0	107	19	178	
	11.0	118	22	196	
	12.0	129	24	211	
	13.0	137			



### 1000Volt

**20192** 8 Piece Insulated Inch Open End Wrench Set

Item No.	⊘	OAL	⊘	OAL	↔
	Inch	Inch	Inch	Inch	lbs.
20192	5/16	3.9	9/16	5.7	1.59
	3/8	4.1	5/8	6.2	
	7/16	4.6	11/16	6.5	
	1/2	5.5	3/4	7.0	



### 1000Volt

**20093** 8 Piece Insulated Metric Open End Wrench Set

Item No.	⊘ <sub>MM</sub>	OAL	⊘ <sub>MM</sub>	OAL	↔
	mm	mm	mm	mm	lbs.
20093	6.0	97	13.0	137	1.4
	7.0	98	14.0	150	
	8.0	104	17.0	162	
	10.0	107	19.0	178	

**Wiha Insulated Open-End Wrenches**

 **1000Volt**



In Tool Box Tray

**20194 13 Piece Insulated Inch Open**

**End Wrench Set** In Tool Box Tray

Item No.	⊘	OAL	⊘	OAL	↔
	Inch	Inch	Inch	Inch	lbs.
20194	1/4	3.4	11/16	6.5	4.90
	5/16	3.9	3/4	7.0	
	3/8	4.1	13/16	7.5	
	7/16	4.6	7/8	7.6	
	1/2	5.5	15/16	7.9	
	9/16	5.7	1	8.4	
	5/8	6.2			

In Tool Box Tray



 **1000Volt**

**20196 13 Pc. Insulated Metric Open**

**End Wrench Set** In Tool Box Tray

Item No.	⊘	OAL	⊘	OAL	↔
	mm	mm	mm	mm	lbs.
20196	8.0	104	16.0	164	4.90
	10.0	107	17.0	168	
	11.0	118	18.0	173	
	12.0	129	19.0	178	
	13.0	137	22.0	196	
	14.0	150	24.0	211	
	15.0	151			

**Wiha Insulated Ratchet Wrenches**

**Insulation Test Standards:**  
Insulation according to ASTM F-1505, EN/IEC 60900, ISO 3110 and CSA Specification



**Steel**  
Forged from chrome vanadium, meets - DIN 3110

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

 **1000V**



 **1000Volt**

**213 Inch Insulated Ratchet Wrenches, With Insulated Handle Insulation According to EN/IEC 60900, ISO 3110 Specification, Up To 1000 Volt. Individually Tested.**

Blade chrome-vanadium steel, hardened.

Item No.	⊘	OAL	OAL	↔	↔
	Inch	mm	Inch	lbs.	pkg.
21325	3/8	140	5.5	.14	1
21327	7/16	143	5.6	.15	1
21329	1/2	154	6.1	.18	1
21331	9/16	162	6.4	.22	1
21333	5/8	177	7.0	.30	1
21335	3/4	209	8.2	.46	1



 **1000Volt**

**212 Metric Insulated Ratchet Wrenches, With Insulated Handle Insulation According to EN/IEC 60900, ISO 3110 Specification, Up To 1000 Volt. Individually Tested.**

Blade chrome-vanadium steel, hardened.

Item No.	⊘ <sub>MM</sub>	OAL	OAL	↔	↔
	mm	mm	Inch	lbs.	pkg.
21208	8.0	125	4.9	.08	1
21210	10.0	140	5.5	.12	1
21212	12.0	150	5.9	.18	1
21213	13.0	152	6.0	.18	1
21214	14.0	163	6.4	.22	1
21217	17.0	193	7.6	.38	1
21219	19.0	210	8.3	.45	1



 **1000Volt**

**21391 6 Piece Inch Insulated Ratchet Wrenches Set**

Item No.	⊘	OAL	⊘	OAL	↔
	Inch	Inch	Inch	Inch	lbs.
21391	3/8	5.5	9/16	6.4	1.95
	7/16	5.6	5/8	7.0	
	1/2	6.1	3/4	8.2	



 **1000Volt**

**21290 7 Piece Metric Insulated Ratchet Wrenches Set**

Item No.	⊘ <sub>MM</sub>	OAL	⊘ <sub>MM</sub>	OAL	↔
	mm	mm	mm	mm	lbs.
21290	8.0	4.9	14.0	6.4	2.10
	10.0	5.5	17.0	7.6	
	12.0	5.9	19.0	8.3	
	13.0	6.0			

## Wiha Insulated Deep Offset Ring Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505, EN/IEC 60900, ISO 3110 and CSA Specification



Steel Forged from chrome vanadium, meets - DIN 3110

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

**1000V**



**1000Volt**

### 210 Insulated Inch Offset Ring Wrenches

Blade CV steel, hardened.

Item No.	Inch	lbs.	pkg.
21040	1/4	.16	1
21042	5/16	.18	1
21044	3/8	.20	1
21046	7/16	.22	1
21048	1/2	.30	1
21050	9/16	.30	1
21052	5/8	.34	1
21054	11/16	.34	1
21056	3/4	.44	1
21057	25/32	.58	1
21058	13/16	.52	1
21060	7/8	.64	1
21062	15/16	.90	1
21064	1.0	.96	1
21066	1-1/16	1.28	1
21068	1-1/4	1.38	1

**1000Volt**



### 21096 8 Piece Inch Insulated Offset Ring Wrenches Set

Item No.	Inch:	lbs.
21096	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	3.20



**1000Volt**

### 21094 16 Piece Inch Insulated Offset Ring Wrenches Set

Item No.	Inch:	lbs.
21094	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/4"	8.70

**1000Volt**



### 21095 8 Piece Metric Insulated Offset Ring Wrenches Set

Item No.	Metric:	lbs.
21095	10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0mm	3.20



**1000Volt**

### 21093 16 Piece Metric Insulated Offset Ring Wrenches Set

Item No.	Metric:	lbs.
21093	8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0, 24.0, 27.0, 30.0, 32.0mm	8.70



**1000Volt**

### 210 Insulated Metric Offset Ring Wrenches

Insulation According to EN/IEC 60900, ISO 3110 Specification, Up To 1000 Volt. Individually Tested. Blade Chrome-Vanadium steel, hardened.

Item No.	mm	OAL mm	OAL Inch	lbs.	pkg.
21008	8.0	159	6.3	.16	1
21009	9.0	159	6.3	.18	1
21010	10.0	171	6.8	.20	1
21011	11.0	178	7.0	.22	1
21012	12.0	191	7.5	.30	1
21013	13.0	194	7.6	.30	1
21014	14.0	203	8.0	.34	1
21015	15.0	203	8.0	.34	1
21017	17.0	219	8.6	.44	1
21019	19.0	241	9.5	.52	1
21020	20.0	250	9.8	.58	1
21022	22.0	257	10.1	.64	1
21024	24.0	279	11.0	.90	1
21027	27.0	286	11.3	.96	1
21030	30.0	311	12.3	1.28	1
21032	32.0	318	12.5	1.38	1

### Use & Care Guide For Insulated Tools:

Store tools to minimize risk of damage to insulation, always wear approved eye protection, inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.



**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

**1000Volt**

**76212 Insulated 12" 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.
76212	12.0	300	1-1/2"	1.9	1

**1000Volt**

**76215 Insulated 15" 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.
76215	15.0	380	1-11/16"	2.8	1



**1000Volt**

**76290 3 Pc. Insulated Adjustable Wrenches** Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	Set includes the following:
76290	8.0", 10.0", 12.0" Adjustable Pliers
	↔ lbs. 4.0

**Wiha Insulated Electrician's Knives**

**Insulation Test Standards:**

Insulation according to ASTM, EN/IEC, VDE & CSA Specification Individually tested

**Insulation** molded on for permanent bonding



**1000V**

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



**1000Volt**

**15000 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**  
Blade tool steel, hardened, molded directly on. Cover included.

Item No.	Blade mm	OAL mm	OAL Inch	↔ lbs.	📦 pkg.
15000	50	216	8.5	.30	1



**1000Volt**

**15050 Insulated Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.** Blade tool steel, hardened. Insulation molded directly on. Hooked cutting edge, half-round ground. Cover included.

Item No.	Blade mm	OAL mm	OAL Inch	↔ lbs.	📦 pkg.
15050	35	222	8.75	.22	1



**1000Volt**

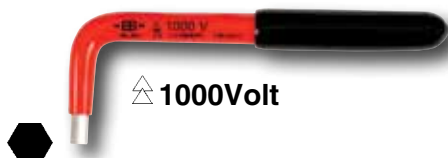
**15003 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**  
Straight, partly insulated, strong blade. Insulation molded directly on. Cover included.

Item No.	Blade mm	OAL mm	OAL Inch	↔ lbs.	📦 pkg.
15003	50	230	9.0	.23	1

**WARNING!**

Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

## Wiha Insulated Hex L-keys



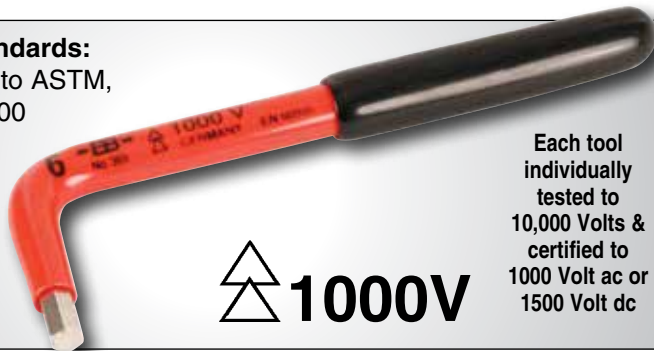
1000Volt

**136** Inch Insulated Hex L-keys, With Insulated Handle. Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.	Hex	OAL	OAL	Weight	Pkg.
	Inch	mm	Inch	lbs.	
13670	1/16	79	3.1	.05	1
13671	5/64	84	3.3	.05	1
13672	3/32	89	3.5	.05	1
13673	7/64	94	3.7	.06	1
13663	1/8	104	4.1	.06	1
13665	5/32	104	4.1	.06	1
13666	3/16	134	5.3	.10	1
13667	7/32	134	5.3	.12	1
13668	1/4	134	5.3	.16	1
13669	5/16	144	5.7	.24	1
13662	3/8	234	9.2	.51	1
13664	1/2	234	9.2	.77	1

**Insulation Test Standards:**  
Insulation according to ASTM, F-1505, EN/IEC 60900 and CSA

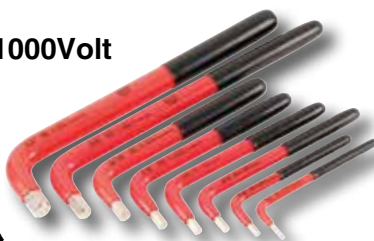
**Insulation**  
Applied directly onto blade for permanent bonding



1000V

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

1000Volt



**13690** 8 Piece Insulated Inch Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight
	Inch	Inch	Inch	Inch	lbs.
13690	1/8	4.1	1/4	5.3	2.17
	5/32	4.1	5/16	5.7	
	3/16	5.3	3/8	9.2	
	7/32	5.3	1/2	9.2	

1000Volt



**13694** 12 Pc. Insulated Inch Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight
	Inch	Inch	Inch	Inch	lbs.
13694	1/16	3.1	3/16	5.3	2.40
	5/64	3.3	7/32	5.3	
	3/32	3.5	1/4	5.3	
	7/64	3.7	5/16	5.7	
	1/8	4.1	3/8	9.2	
	5/32	4.1	1/2	9.2	



1000Volt

**136** Metric Insulated Hex L-keys, With Insulated Handle. Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.	Hex	OAL	OAL	Weight	Pkg.
	mm	mm	Inch	lbs.	
13650	1.5	100	3.9	.09	1
13651	2.0	105	4.1	.09	1
13652	2.5	115	4.5	.09	1
13653	3.0	130	5.1	.10	1
13654	4.0	120	4.7	.10	1
13655	5.0	140	5.5	.10	1
13656	6.0	140	5.5	.13	1
13658	8.0	150	5.9	.24	1
13659	10.0	220	8.7	.51	1
13657	12.0	260	10.2	.77	1



1000Volt

**13691** 7 Piece Insulated Metric Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight
	mm	mm	mm	mm	lbs.
13691	3.0	130	8.0	150	2.07
	4.0	120	10.0	220	
	5.0	140	12.0	260	
	6.0	140			

1000Volt



**13693** 10 Piece Insulated Metric Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight
	mm	mm	mm	mm	lbs.
13693	1.5	100	5.0	140	2.26
	2.0	105	6.0	140	
	2.5	115	8.0	150	
	3.0	130	10.0	220	
	4.0	120	12.0	260	



### Wiha Insulated Hex Bit Sockets



1000Volt

#### 318 Insulated 3/8" Drive Sockets

Chrome-vanadium steel, forged, oil-hardened.

Item No.	Inch	OAL Inch	lbs.	pkg.
31805	3/16	3.1"	.13	1
31807	7/32	3.1"	.14	1
31809	1/4	3.1"	.14	1
31811	5/16	3.1"	.16	1
31813	3/8	3.1"	.18	1
31815	7/16	3.1"	.20	1
31817	1/2	3.1"	.22	1

\*Sockets must be used with insulated ratchets & extensions



1000Volt

#### 31890 7 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:
31890	3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"
lbs. 1.7	



1000Volt

#### 318 Insulated 1/2" Drive Sockets

Chrome-vanadium steel, forged, oil-hardened.

Item No.	Inch	OAL Inch	lbs.	pkg.
31830	1/4	2.75	.22	1
31832	5/16	2.75	.24	1
31834	3/8	2.75	.25	1
31836	7/16	3.63	.31	1
31838	1/2	3.63	.34	1
31840	9/16	3.63	.36	1
31842	5/8	3.63	.42	1
31844	3/4	3.63	.51	1

\*Sockets must be used with insulated ratchets & extensions

### Wiha Insulated Socket Adapters / Reducers

1000Volt



#31450

#31460

#31650

Insulated Socket Adapters / Reducers CV steel, forged, oil-hardened.

Item No.	Size	lbs.	pkg.
31350	1/4 - 3/8	.	1
31450	3/8 - 1/2	.	1
31460	3/8 - 1/4	.	1
31650	1/2 - 3/8	.	1

### Wiha Insulated 1/4" Sockets, Accessories & Sets

Metric - 6 Point

1000Volt



Metric - 6 Point

1000Volt



#### 313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM

F-1505, DIN 7448 & CSA Specification, Up To 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	Inch	lbs.	pkg.
31336	3/16	.03	1
31337	7/32	.03	1
31338	1/4	.03	1
31339	9/32	.04	1
31340	5/16	.04	1
31341	11/32	.05	1
31342	3/8	.05	1
31343	7/16	.06	1
31344	1/2	.07	1
31345	9/16	.07	1

\*Sockets must be used with insulated ratchets & extensions

#### 313 Insulated 1/4" Drive Sockets-6 Point, Insulation According

Chrome-vanadium steel, forged, oil-hardened.

Item No.	mm	lbs.	pkg.
31326	5.0	.03	1
31327	6.0	.03	1
31328	7.0	.03	1
31329	8.0	.04	1
31330	9.0	.04	1
31331	10.0	.05	1
31332	11.0	.05	1
31333	12.0	.06	1
31334	13.0	.06	1
31335	14.0	.07	1

\*Sockets must be used with insulated ratchets & extensions

1000Volt



#### 31390 13 Pc Insulated 1/4" Drive Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

Item No.	Set includes the following:
31390	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16"
lbs. 1.39	1/4" x 50mm Extension Bar 1/4" x 100mm Extension Bar 1/4" Ratchet - 140mm

1000Volt



#### 31391 13 Pc. Insulated 1/4" Drive Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

Item No.	Set includes the following:
31391	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs. 1.41	1/4" x 50mm Extension Bar 1/4" x 100mm Extension Bar 1/4" Ratchet - 140mm

## Wiha Insulated 1/4" Sets & Accessories



⚠️ 1000Volt

**31394** 11 Pc. Insulated 1/4" T-handle & Socket Set-Inch CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

Item No.	Set includes the following:
31394	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16"
lbs. 1.40	Insulated 1/4" T-handle

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



⚠️ 1000Volt

**31395** 11 Piece Insulated 1/4" T-handle & Socket Set - Metric CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

Item No.	Set includes the following:
31395	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs. 1.40	Insulated 1/4" T-handle



⚠️ 1000Volt

**12851** Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA Chrome-Vanadium steel. Thumb lever for rapid reverse.

Item No.	OAL	OAL	↔	↔	↔
	Inch	mm	Inch	lbs.	pkg.
12851	1/4"	140	5.5	.28	1

⚠️ 1000Volt



**29006** Insulated 1/4" Drive T-handle, With Insulated Handle. Insulation according to EN/IEC 60900 & CSA specification, up to 1000 Volt. Individually Tested. Blade CV steel, hardened.

Item No.	ØMM	OAL	OAL	↔	↔
	Inch	mm	Inch	lbs.	pkg.
29006	1/4"	160	6.2"	.57	1

⚠️ 1000Volt



**128** Insulated 1/4" Extension Bars, ASTM F-1505, EN/IEC 60900 & CSA Chrome-Vanadium steel.

Item No.	OAL	OAL	↔	↔	↔
	Inch	mm	Inch	lbs.	pkg.
12854	1/4"	50	2.0	.08	1
12855	1/4"	100	3.9	.12	1

## Wiha Insulated 3/8" Sockets



⚠️ 1000Volt

**314** Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested.

Item No.	Inch	lbs.	↔	↔
31425	1/4	.07	1	
31428	9/32	.07	1	
31429	5/16	.07	1	
31430	11/32	.07	1	
31431	3/8	.08	1	
31432	7/16	.08	1	
31433	1/2	.10	1	
31434	9/16	.10	1	
31435	5/8	.10	1	
31436	11/16	.13	1	
31437	3/4	.14	1	
31438	13/16	.17	1	
31439	7/8	.18	1	

\*Sockets must be used with insulated ratchets & extensions



⚠️ 1000Volt

**315** Insulated 3/8" Drive Sockets- Metric Insulation according to VDE, EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	mm	lbs.	↔	↔
31506	6.0	.07	1	
31507	7.0	.07	1	
31508	8.0	.07	1	
31509	9.0	.07	1	
31510	10.0	.07	1	
31511	11.0	.08	1	
31512	12.0	.10	1	
31513	13.0	.10	1	
31514	14.0	.10	1	
31515	15.0	.10	1	
31516	16.0	.10	1	
31517	17.0	.11	1	
31518	18.0	.12	1	
31519	19.0	.14	1	
31520	20.0	.15	1	
31521	21.0	.17	1	
31522	22.0	.18	1	
31524	24.0	.26	1	

\*Sockets must be used with insulated ratchets & extensions

**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.


<b>Item No.</b>	<b>Set includes the following:</b>
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

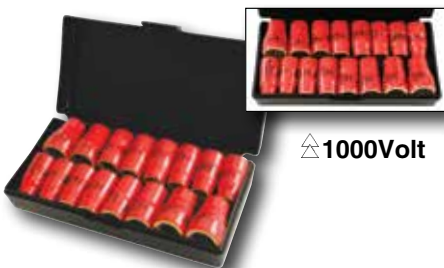


⚡ 1000Volt

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

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

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

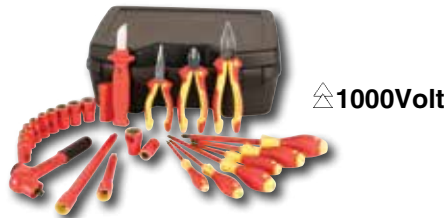


⚡ 1000Volt

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

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


<b>Item No.</b>	<b>Set includes the following:</b>
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



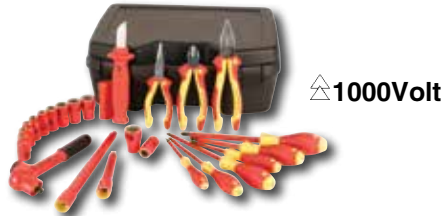
⚡ 1000Volt

**31495 24 Pc. Insulated 3/8" Drive Socket**

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

<b>Item No.</b>	<b>Set includes the following:</b>
31495	1/4, 9/32, 5/16, 11/32, 3/8, 7/16
	1/2, 9/16, 5/8, 11/16, 3/4" Sockets
lbs.	3/8" x 125mm Extension Bar
9.07	3/8" x 250mm Extension Bar 3/8" Ratchet - 190mm Insulated Electrician's Knife - 50mm Slotted: 3.5, 4.5, 6.5mm Phillips: #1, 2, 3 6.3" Long Nose Pliers 8.0" Combo Pliers 6.3" Diagonal Cutters


\*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

**31592 24 Pc. Insulated 3/8" Drive Socket**

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

<b>Item No.</b>	<b>Set includes the following:</b>
31592	6, 7, 8, 9, 10, 11, 12,
	13, 14, 17, 19mm Sockets
lbs.	3/8" x 125mm Extension Bar
9.08	3/8" x 250mm Extension Bar 3/8" Ratchet - 190mm Insulated Electrician's Knife - 50mm Slotted: 3.5, 4.5, 6.5mm Phillips: #1, 2, 3 6.3" Long Nose Pliers 8.0" Combo Pliers 6.3" Diagonal Cutters


\*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

**12852 Insulated 3/8" Drive Ratchet,**

**EN/IEC 60900** CV steel. Socket release button. Thumb lever for rapid reverse.


<b>Item No.</b>	<b>OAL</b>	<b>OAL</b>		
No.	Inch	mm	Inch	lbs. pkg.
12852	3/8"	190	7.5	.93 1



⚡ 1000Volt


**31496 10 Pc. Insulated 3/8" T-handle & Socket Set**

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

<b>Item No.</b>	<b>Set includes the following:</b>
31496	5/16, 3/8, 7/16, 1/2, 9/16, 5/8,
	11/16, 3/4"
lbs. 2.47	3/8" x 125mm Extension Bar Insulated 3/8" T-handle

**31595 10 Pc. Insulated 3/8" T-handle & Socket Set**

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



<b>Item No.</b>	<b>Set includes the following:</b>
31595	8, 10, 11, 12, 13, 14, 17, 19mm
	3/8" x 125mm Extension Bar
lbs. 2.47	Ins. 3/8" T-handle

**Wiha Insulated 3/8" Socket Accessories**



⚡ 1000Volt

**128 Insulated 3/8" Extension Bars, EN/IEC 60900**




<b>Item No.</b>	<b>OAL</b>	<b>OAL</b>		
No.	Inch	mm	Inch	lbs. pkg.
12856	3/8"	125	4.9	.41 1
12857	3/8"	250	9.8	.57 1



⚡ 1000Volt

**1000Volt Insulated 3/8" Drive T-handle Or Breaker Bar.**

Insulation according to EN/IEC 60900 specification, up to 1000Volt Rated. Individually Tested. Blade chrome-vanadium steel, hardened.

<b>Item No.</b>		<b>OAL</b>	<b>OAL</b>		
No.	Inch	mm	Inch	lbs.	pkg.
29009	3/8"	200	7.9"	.55	1
12327	3/8"	216	8.5"	.68	1



## Wiha Insulated 1/2" Sockets & Sets



**1000Volt**

**317** Insulated 1/2" Drive Sockets - Insulation According to ASTM, DIN & CSA Specification, Up To 1000Volt. Individually Tested. CV steel, forged, oil-hardened.

Item No.	Inch	lbs.	pkg.
31703	5/16	.16	1
31704	11/32	.16	1
31705	3/8	.16	1
31707	7/16	.16	1
31708	1/2	.16	1
31709	9/16	.17	1
31710	5/8	.19	1
31712	11/16	.19	1
31713	3/4	.21	1
31714	13/16	.23	1
31715	7/8	.27	1
31716	15/16	.35	1
31718	1	.33	1
31720	1-1/8	.44	1
31722	1-1/4	.58	1

\*Sockets must be used with insulated ratchets & extensions



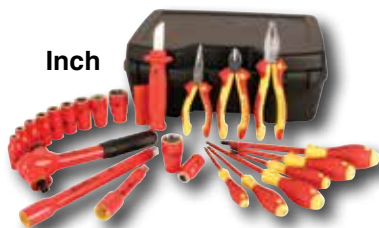
Individually Tested

**1000Volt**

**316** Insulated 1/2" Drive Sockets - Metric 1000 Volt.

Item No.	mm	lbs.	pkg.
31608	8.0	.15	1
31609	9.0	.15	1
31610	10.0	.16	1
31611	11.0	.16	1
31612	12.0	.16	1
31613	13.0	.17	1
31614	14.0	.17	1
31615	15.0	.17	1
31616	16.0	.19	1
31617	17.0	.19	1
31618	18.0	.20	1
31619	19.0	.21	1
31620	20.0	.25	1
31621	21.0	.25	1
31622	22.0	.28	1
31623	23.0	.29	1
31624	24.0	.30	1
31626	26.0	.37	1
31627	27.0	.41	1
31628	28.0	.44	1
31630	30.0	.51	1
31632	32.0	.55	1

\*Sockets must be used with insulated ratchets & extensions



Inch

**1000Volt**

**31790** 24 Piece Insulated 1/2" Drive Socket Set - Inch CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. Set includes the following:**

<b>31790</b>	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.41	1/2" Ratchet - 260mm
	Ins. Electrician's Knife - 50mm
	<b>Slotted:</b> 3.5, 4.5, 6.5mm
	<b>Phillips:</b> #1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters

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



Metric

**1000Volt**

**31691** 24 Piece Insulated 1/2" Drive Socket Set - Metric CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. Set includes the following:**

<b>31691</b>	8, 9, 10, 12, 13, 14, 15, 17, 19, 22, 24mm Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.39	1/2" Ratchet - 260mm
	Ins. Electrician's Knife - 50mm
	<b>Slotted:</b> 3.5, 4.5, 6.5mm
	<b>Phillips:</b> #1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters

**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:**

<b>31792</b>	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
7.64	1/2" Ratchet - 190mm



**1000Volt**

**31694** 14 Pc. Insulated 1/2" Drive Socket Set - Metric CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. Set includes the following:**

<b>31694</b>	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24mm Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
7.64	1/2" Ratchet - 190mm

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

**Wiha Insulated 1/2" Socket accessories**



**1000Volt**

**12853 Insulated 1/2" Drive Ratchet, IEC/EN 60900 & CSA**  
Chrome-Vanadium steel. Reversible.

Item	OAL	OAL	↔	↔	↔
No.	Inch	mm	Inch	lbs.	pkg.
12853	1/2"	260	10.2	1.55	1



**1000Volt**

**128 Insulated 1/2" Extension Bars, EN/IEC 60900 & CSA**  
Chrome-vanadium steel.

Item	OAL	OAL	↔	↔	↔
No.	Inch	mm	Inch	lbs.	pkg.
12858	1/2"	125	4.9	.45	1
12859	1/2"	250	9.8	.91	1



**1000Volt**

**29012 Insulated 1/2" Drive T-handle, With Insulated Handle. Insulation according to EN/IEC 60900 & CSA Specification, Up To 1000 Volt. Individually Tested** Blade VC steel, hardened.

Item	ØMM	OAL	OAL	↔	↔	↔
No.	Inch	mm	Inch	lbs.	pkg.	
29012	1/2"	200	7.9"	.68	1	

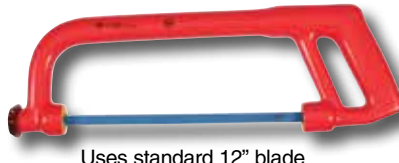


**1000Volt**

**12326 Insulated 1/2" Drive Breaker Bar, IEC/EN 60900 & CSA**  
Chrome-Vanadium steel.

Item	OAL	OAL	↔	↔	↔
No.	Inch	mm	Inch	lbs.	pkg.
12326	1/2"	267	10.5	1.04	1

**Wiha Insulated Hacksaw**



Uses standard 12" blade

**1000Volt**

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

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

**Insulated Waterpump Pliers**



**1000Volt**

**29240 Waterpump Pliers, With Insulated Handle. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested** Box joint. Chrome-vanadium steel, drop forged, oil hardened.

Item	OAL	OAL	Capacity	↔	↔	↔
No.	mm	Inch	mm	lbs.	pkg.	
29240	240	9.5	7/8"	1.1	1	

**Insulated Cable Cutters**

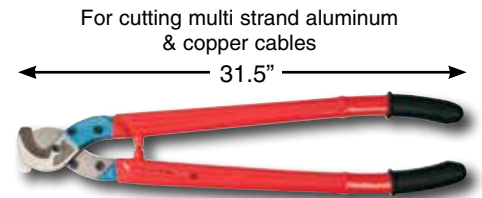


**1000Volt**

For cutting solid aluminum & copper conductors

**11950 Cable Cutter, With Insulated Handle. Insulation According to EN/IEC, ASTM & CSA Specification, Up To 1000 Volt. Individually Tested.** Blade alloyed tool steel. Induction hardened.

Item	OAL	OAL	Capacity	↔	↔	↔
No.	mm	Inch	mm	Inch	lbs.	pkg.
11950	500	19.6	12	1/2"	3.0	1



For cutting multi strand aluminum & copper cables

31.5"

**1000Volt**

**40800 Large Capacity Cable Cutter, With Insulated Handle Insulation According to EN/IEC 60900, ASTM F-1505 & CSA Specification, Up to 1000 Volt. Individually Tested.** Easy cutting blades, dropped forged, oil hardened. Cuts cable diameters up to 50mm. Not to be used on steel rods.

Item	OAL	OAL	Capacity	↔	↔	↔
No.	mm	Inch	mm	Inch	lbs.	pkg.
40800	800	31.5	50	2"	8.0	1



For cutting solid aluminum, copper & medium hard wires

**1000Volt**

**29250 End Cutters, With Insulated Handle. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested.** Blade alloyed tool steel. Induction hardened.

Item	OAL	OAL	Capacity	↔	↔	↔
No.	mm	Inch	mm	lbs.	pkg.	
29250	250	10	7/8"	1.1	1	


## Wiha Insulated Ratcheting Cable Cutters

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



 **1000Volt**


**119 High Voltage Double-Insulated Ratcheting Cable Cutters** High leverage ratchet cable cutter with shear type blades cuts stranded and flexible copper and aluminum cable. Not for use on steel. Features built in safety release in all cutting positions, and high-visibility comfort grip handles.

Item No.	OAL	OAL up to	Inch	
	mm	Inch	MCM Dia.	Cap. lbs.
11960	250	10.0"	500	1.25" 32ml 1.6
11975	280	11.0"	750	2.0" 52ml 2.0



 **1000Volt**

**11980 Insulated ACSR Ratcheting Cable Cutter** Replaceable tool steel cutting blades are securely mounted for accurate cutting. Handles lock in closed position for easier storage. High leverage ratchet mechanism for best cutting performance.

Item No.	OAL	OAL up to	Inch	
	mm	Inch	MCM Dia.	Cap. lbs.
11980	353	13.9	477	1.25" 32ml 3.42

## Wiha Insulated Serrated Tweezers

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings

10,000 Volt tested 1000Volt rated





Carbon steel with chrome nickel plated

 **1000V**

 **1000Volt**



**75205 Insulated Serrated Straight Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75205	130	5.0	.06	1



 **1000Volt**


**75210 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75210	130	5.0	.08	1





 **1000Volt**

**75215 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75215	145	6.0	.10	1

 **1000Volt**



**75220 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75220	200	8.0	.18	1



 **1000Volt**



**75302 Insulated Serrated Angled Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75302	145	6.0	.08	1



 **1000Volt**

**75304 Insulated Serrated Angled Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested**

Item No.	OAL	OAL		
	mm	Inch	lbs.	pkg.
75304	200	8.0	.16	1



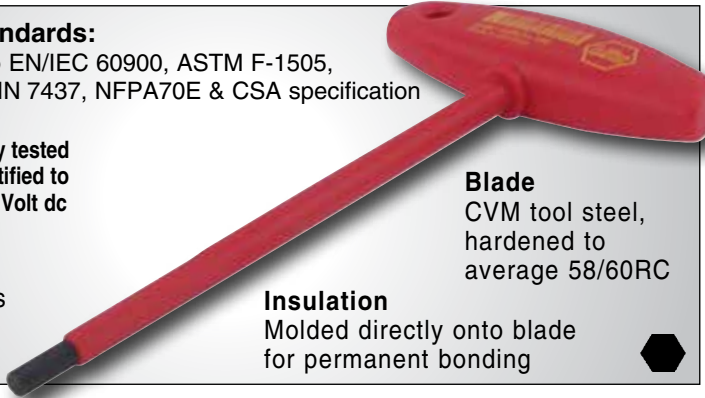
**Wiha Insulated T-handle Hex Drivers**

**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












  **1000Volt**

  **1000Volt**


**334** **Inch T-handle, With Wiha-Molded Handle.** Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

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

Item							
No.	Inch	Inch	Inch	mm	Inch	lbs.	pkg.
33481	5/32	5.9	6.9	176	6.9	.09	10
33482	3/16	5.9	6.9	176	6.9	.15	10
33483	7/32	5.9	6.9	176	6.9	.19	10
33485	1/4	5.9	7.1	176	7.1	.20	10
33486	5/16	5.9	7.1	176	7.1	.26	10
33487	3/8	5.9	7.1	176	7.1	.44	10








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



  **1000Volt**

  **1000Volt**

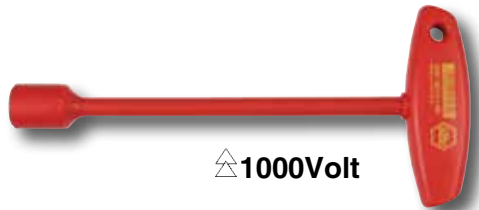
**334** **Metric T-handle, With Wiha-Molded Handle.** Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

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


Item							
No.	mm	mm	Inch	mm	Inch	lbs.	pkg.
33441	4.0	150	5.9	176	6.9	.09	10
33443	5.0	150	5.9	182	7.1	.15	10
33445	6.0	150	5.9	182	7.1	.18	10
33447	8.0	150	5.9	182	7.1	.26	10
33449	10.0	150	5.9	191	7.5	.46	10








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

**Wiha Insulated T-handle Metric Nut Drivers**



 **1000Volt**

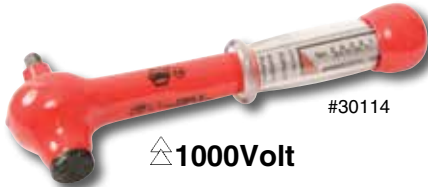
**336** **Metric T-handle Nut Drivers, With Wiha-Molded Handle.** Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

Item							
No.	mm	mm	Inch	mm	Inch	lbs.	pkg.
33632	8.0	200	7.9	232	9.1	.15	5
33634	10.0	230	9.0	262	10.3	.18	5
33637	13.0	230	9.0	262	10.3	.26	5
33641	17.0	230	9.0	268	10.6	.46	5

## Wiha Insulated Torque Ratchet Wrenches



#30138



#30114

1000Volt

### 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.	Inch	OAL	OAL			
		Inch	Nm	lbs.	pkg.	
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 TorqueControl & SlimLine Tool Sets

In Roll-up Pouch



1000Volt



### 28792 16 Piece Insulated

**TorqueControl Set With SlimLine Blades** Certified to EN ISO 6798, 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

With Certificate of Calibration

In Roll-up Pouch



With Certificate of Calibration

1000Volt

Certified to EN ISO 6798, BS EN 26789, ASME B107.14M Specifications



### 28791 8 Piece Insulated TorqueControl

**Set With Slotted & Phillips SlimLine Blades** Set includes Insulated multi-component adjustable TorqueVario-S handle, 5 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

Item No. Slotted: 3.0, 4.0, 5.5mm

28791 Phillips: #1, 2

28726-Handle Range 10-50 Inch/lbs.

lbs. .87

## Wiha Insulated TorqueControl Tools



\* Includes Certificate

\* Includes SlimLine blade holder #28350

\* Requires SlimLine Blades

1000Volt



### 287 Insulated TorqueVario-S, With Window Scale Insulation up to 1000Volt

EN/IEC, EN ISO, BS EN, ASME & CSA, +/- 6% Accuracy. Ergonomic multi-component handle, light & compact. Handle sizes proportioned to optimize torque range. Audible & perceptible click when torque setting has been attained. In Plastic Tube Holder

Item No.	Range	Inch	lbs.	Increments	mm	lbs.	pkg.
28750	5 - 18			.5 In/lbs	126-131	.56	1
28751	10 - 50			2 In/lbs	133-138	.74	1
28752	18 - 62			2 In/lbs	137-142	.84	1

### 287 Insulated TorqueVario-S Handle - In Newton Meter Scale

Item No.	Range	Nm	mm	lbs.	pkg.
28740	0.5 - 2.0		131	.64	1
28741	1.0 - 5.0		138	.56	1
28742	2.0 - 7.0		142	.84	1

Each TorqueVario handle has unique serial number & certificate of calibration

## Wiha Insulated Torque Ratchet Wrench Sets



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

**Wiha Insulated TorqueControl Tools**

Includes Certificate



**1000Volt**

\*Requires SlimLine blade holder #28350

**287 Insulated TorqueVario-S, With Window Scale Insulation** **up to 1000Volt.** EN/IEC 60900 EN ISO 6798, BS EN 26789, ASME B107.14M & CSA, +/- 6% Accuracy. Ergonomic multi-component handle, light & compact. Handle sizes proportioned to optimize torque range. Audible & perceptible click when torque setting has been attained.

Item No.	Range	Torque Scale		
No.	Inch lbs. Increments	mm	lbs.	pkg.
28724	5 - 18	.5 In/lbs	126-131	.43 1
28726	10 - 50	2 In/lbs	133-138	.40 1
28727	18 - 62	2 In/lbs	137-142	.69 1

**287 Insulated TorqueVario-S Handle - In Newton Meter Scale**

Item No.	Range	Torque Scale		
No.	Nm	mm	lbs.	pkg.
28734	0.5 - 2.0	131	.45	1
28736	1.0 - 5.0	138	.45	1
28738	2.0 - 7.0	142	.72	1

Each TorqueVario handle has unique serial number & certificate of calibration



**1000Volt**

**28350 Insulated SlimLine Torque Blade Holder** Chrome-vanadium-molybdenum steel. Through hardened black finish. ClicFix quick release holder securely locks bits.

Item No.	OAL	OAL	Torque Scale	
No.	mm	mm	Inch	lbs. pkg.
28350	6.0	170	6.75	.06 1



Meets VDE, EN/IEC, ASTM, CSA, NFPA specifications



**1000Volt**

**283 Insulated Easy-TorqueControl Adapters** Ideal for torque sensitive terminations. For use with SlimLine blades. Repeatable accuracy to +/- 10%

Item No.	OAL	OAL	Torque Scale	
No.	Nm	In/lbs	mm	Inch
28366	0.8	7.0	60	2.38
28367	2.0	17.7	60	2.38
28368	2.5	23.1	60	2.38
28369	2.8	24.7	60	2.38
28371	4.0	35.4	60	2.38

**Wiha Cushion Grip Stubby SlimLine Blade Holder & Set**



**1000Volt**

**28302 SlimLine Stubby Blade Holder, With Wiha-SoftFinish® Handle. Insulation According to VDE, ASTM, EN/IEC, NFPA70E & CSA, up to 1000 Volt.** Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Size	mm	Inch	lbs.	pkg.
28302	1/4"	57	2.2	.11	1

**1000Volt**

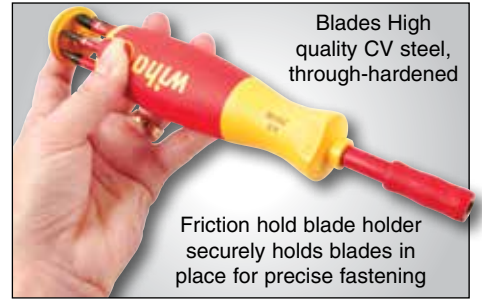


**28396 20 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Friction hold, stubby cushion grip handle.

In zipper case.

Item No.	Blade Size	Blade Size	Blade Size	Blade Size
28396	Slotted: 3.0, 3.5, 4.0, 5.5mm	Phillips: #1, #2	Xeno SL/PH: #1, #2	Xeno SL/PZ: #1, #2
	TORX®: T8, T10, T15, T20	Square: #1, #2	Hex Metric: 3.0, 4.0, 5.0mm	SlimLine Stubby Blade Holder

**Wiha Insulated Pop-Up SlimLine Sets**



Blades High quality CV steel, through-hardened

Friction hold blade holder securely holds blades in place for precise fastening

**1000Volt Rated** Certified to VDE, EN ISO, BS EN, ASME specifications  
10,000 Volt Tested



**28393 Insulated Pop-Up "Apprentice" Blade Holder Set With SlimLine Blades**

Insulated cushion grip multi-component handle. Friction hold bit holder holds SlimLine Blades securely. Convenient rotating cap.

**28393 Set includes the following blades:**  
 ↓ Slotted: 3.0, 4.0, 5.5, 6.5mm  
 ⊕ Phillips: #1, #2  
 ↶ lbs. .38



**28394 Insulated Pop-Up "Residential" Blade Holder Set With SlimLine Blades**

**28394 Set includes the following blades:**  
 ↓ Slotted: 3.0, 4.0mm  
 ⊕ Phillips: #1, #2  
 ⊙ Square: #1, #2  
 ↶ lbs. .38



**28395 Insulated Pop-Up "MRO" Blade Holder Set With SlimLine Blades**

**28395 Set includes the following blades:**  
 ↓ Slotted: 3.0, 4.0mm  
 ⊕ Phillips: #1, #2  
 ⊕ Terminal Xeno: #1, #2  
 ↶ lbs. .38



Each SlimLine bit can be taken in and out of the holder easily and conveniently



## Wiha Insulated SlimLine Blade Sets



⚡ 1000Volt



**28391 8 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip. Friction hold blade holder, holds blades securely. Up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

<b>Item No.</b>	<b>Slotted:</b> 4.0, 6.5
<b>28391</b>	<b>Phillips:</b> #1, #2
	<b>Xeno SL/PH:</b> #2
<b>lbs.</b> .45	<b>TORX®:</b> T15, T20
	28301 - SlimLine Blade Holder



⚡ 1000Volt



**28392 12 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip. Friction hold blade holder, holds blades securely. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

<b>Item No.</b>	<b>Slotted:</b> 3.0, 5.5mm
<b>28392</b>	<b>Phillips:</b> #2
	<b>Xeno SL/PH:</b> #1, #2
<b>lbs.</b> .52	<b>Square:</b> #1, #2
	<b>TORX®:</b> T8, T10, T15, T20
	28301 - SlimLine Blade Holder



⚡ 1000Volt



**28399 30 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Friction hold blade holder, holds blades securely. In belt wallet storage pouch.

<b>Item No.</b>	<b>Slotted:</b> 2.5, 3.0, 3.5, 4.0, 5.5, 6.5mm
<b>28399</b>	<b>Phillips:</b> #1, #2
	<b>Pozidriv®:</b> #1, #2
<b>lbs.</b> 1.20	<b>Xeno SL/PH:</b> #1, #2
	<b>Xeno SL/PZ:</b> #1, #2
	<b>TORX®:</b> T8, T9, T10, T15, T20, T25
	<b>Square:</b> #1, #2
	<b>Hex Metric:</b> 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0mm
	28301 - SlimLine Blade Holder



⚡ 1000Volt



**28390 15 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip. Friction hold blade holder, holds blades securely. Up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

<b>Item No.</b>	<b>Slotted:</b> 3.0, 4.0, 5.5, 6.5
<b>28390</b>	<b>Phillips:</b> #1, #2
	<b>Xeno SL/PH:</b> #1, #2
<b>lbs.</b> .56	<b>TORX®:</b> T8, T10, T15, T20
	<b>Square:</b> #1, #2
	28301 - SlimLine Blade Holder



⚡ 1000Volt



**28398 19 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip. Friction hold blade holder, holds blades securely. In zipper case

<b>Item No.</b>	<b>Slotted:</b> 3.0, 4.0, 5.5mm
<b>28398</b>	<b>Phillips:</b> #1, #2
<b>lbs.</b> .64	<b>Xeno SL/PH:</b> #1, #2
	<b>Xeno SL/PZ:</b> #1, 2
	<b>TORX®:</b> T8, T10, T15, T20
	<b>Square:</b> #1, 2
	<b>Hex Metric:</b> 3.0, 4.0, 5.0mm
	28301 - SlimLine Blade Holder



## Wiha Cushion Grip SlimLine Blade Holder



⚡ 1000Volt



**28301 SlimLine Blade Holder, With Wiha-SoftFinish® Handle Insulation** According to VDE, ASTM F-1505 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Chrome-vanadium steel, through-hardened. Insulation molded directly onto blade. Friction hold blade holder, holds blades securely. Wiha-SoftFinish® handle, multi-component, cushion grip.

<b>Item No.</b>						
<b>28301</b>	1/4"	50	2.0	160	6.3	.15

33% Narrower Insulation Diameter



Slim Diameter



⚡ 1000Volt

**28304 SlimLine Blade Holder, With Wiha-SoftFinish® Handle. Insulation** According to VDE, ASTM, EN/IEC, NFPA70E & CSA, ⚡ up to 1000 Volt. Wiha-SoftFinish® handle, multi-component, cushion grip.

<b>Item No.</b>					
<b>28304</b>	1/4"	114	4.5	.21	1



⚡ 1000Volt

**28302 SlimLine Stubby Blade Holder, With Wiha-SoftFinish® Handle. Insulation** According to VDE, ASTM, EN/IEC, NFPA70E & CSA, ⚡ up to 1000 Volt. Wiha-SoftFinish® handle, multi-component, cushion grip.


<b>Item No.</b>					
<b>28302</b>	1/4"	57	2.2	.11	1

**Wiha Insulated SlimLine Blades**

Integrated Slim  
Insulation molded  
directly onto blade

High quality CV  
steel, through-  
hardened

Insulation does  
not exceed screw  
head diameter

 **1000 Volt Rated**  
10,000 Volt Tested

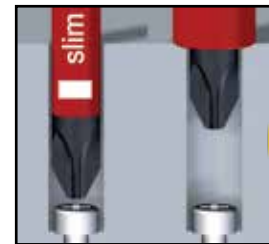


**Insulation Test Standards:**






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

**Wiha SlimTECHNOLOGY**

Achieves blade diameters  
up to 33% narrower utilizing  
integrated insulation







**283 Insulated Slotted SlimLine Blades**  
SlimLine blades have up to 33% narrower  
insulation diameter then standard insulated tools.

Item			Slim Max	Inch/			
No.	mm	Inch	Dia.	Nm	lbs.	lbs.	Pkg.
28307	2.5	3/32	4.0	0.4	3.5	.02	1
28308	3.0	1/8	4.0	0.6	5.3	.02	1
28310	3.5	9/64	4.0	2.5	22.1	.02	1
28309	4.0	5/32	4.0	2.5	22.1	.02	1
28312	5.5	7/32	6.0	3.8	33.6	.02	1
28315	6.5	1/4	6.0	5.5	48.6	.02	1







**283 Insulated Xeno Slotted/ Pozidriv® SlimLine Blades** Up to 33% narrower  
insulation diameter then standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28320	1	4.0	3.8	33.6	.02	1
28321	2	6.0	5.5	48.7	.02	1







**283 Insulated Square SlimLine Blades**  
Up to 33% narrower insulation diameter then  
standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28346	1	4.0	3.8	33.6	.02	1
28347	2	6.0	5.5	48.7	.02	1







**283 Insulated Phillips SlimLine Blades**  
SlimLine blades have up to 33% narrower  
insulation diameter then standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28317	1	4.0	3.8	33.7	.02	1
28319	2	6.0	5.5	48.8	.02	1







**283 Insulated Xeno Slotted/ Phillips SlimLine Blades** Up to 33% narrower  
insulation diameter then standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28327	1	4.0	3.8	33.6	.02	1
28329	2	6.0	5.5	48.7	.02	1







**283 Insulated Hex Metric SlimLine Blades** Up to 33% narrower  
insulation diameter then standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28332	1.5	4.0	0.9	7.9	.02	1
28333	2.0	4.0	1.8	15.9	.02	1
28334	2.5	4.0	3.8	33.6	.02	1
28335	3.0	4.0	5.5	48.7	.02	1
28336	4.0	6.0	5.5	48.7	.02	1
28337	5.0	6.0	5.5	48.7	.02	1
28338	6.0	6.0	5.5	48.7	.02	1







**283 Insulated Pozidriv® SlimLine Blades**  
SlimLine blades have up to 33% narrower  
insulation diameter then standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28330	1	4.0	3.8	33.7	.02	1
28331	2	6.0	5.5	48.8	.02	1



**283 Insulated TORX® SlimLine Blades**  
Up to 33% narrower insulation diameter then  
standard insulated tools.

Item		Slim Max	Inch/			
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
28339	T8	4.0	1.3	11.5	.02	1
28344	T9	4.0	1.3	11.5	.02	1
28340	T10	4.0	3.8	33.6	.02	1
28341	T15	6.0	5.5	48.7	.02	1
28342	T20	6.0	5.5	48.7	.02	1
28343	T25	6.0	5.5	48.7	.02	1

## Insulated PicoFinish Precision Screwdrivers



⚡ 1000Volt

### 320 Insulated Slotted PicoFinish

Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.

Item	⚡	⚡	⚡	⚡	⚡	⚡
No.	mm	Inch	mm	mm	lbs.	pkg.
32000	1.5	.06	40	154	.05	1
32001	2.0	.08	40	154	.07	1
32002	2.5	.10	60	160	.07	1
32003	3.0	.12	60	160	.08	1
32004	3.5	.14	60	160	.08	1

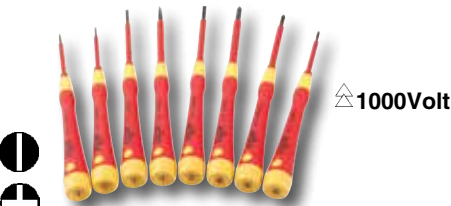


⊕ 1000Volt

### 321 Insulated Phillips PicoFinish

Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.

Item	⊕	⊕	⚡	⚡	⚡	⚡
No.	Size	mm	mm	lbs.	pkg.	
32106	00	40	154	.05	1	
32107	0	60	160	.07	1	
32108	1	60	160	.08	1	



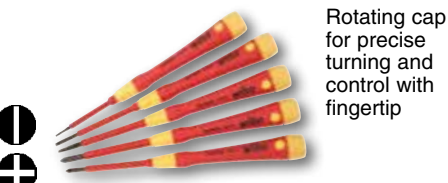
⚡ 1000Volt

### 32088 8 Piece Slotted & Phillips

PicoFinish Set High quality CV steel, through hardened, black finish

Item No.	Slotted: 1.5, 2.0, 2.5, 3.0, 3.5	lbs.
32088	Phillips: #00, #0, #1	.35

Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested



Rotating cap for precise turning and control with fingertip

### 32085 5 Piece Slotted & Phillips

PicoFinish Set High quality CV steel, through hardened, black finish

Item No.	Slotted: 1.5, 2.5, 3.5	lbs.
32085	Phillips: #0, #1	.26

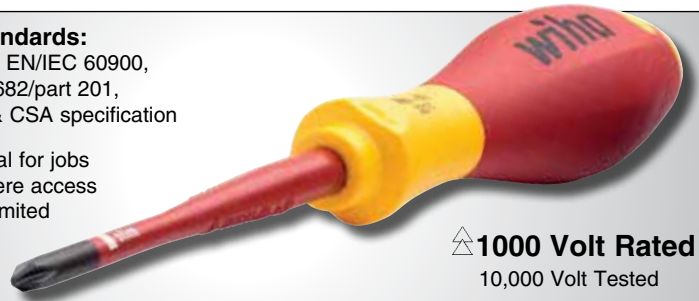
## Wiha Insulated SlimLine Screwdrivers

### Insulation Test Standards:

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

Ideal for jobs where access is limited

Integrated Slim Insulation molded directly onto blade



⚡ 1000 Volt Rated  
10,000 Volt Tested



Wiha Slim TECHNOLOGY Achieves blade diameters up to 33% narrower utilizing integrated insulation



⚡ 1000Volt

### 320 Insulated Slotted SlimLine

Screwdrivers Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item	⚡	⚡	Slim	⚡	⚡	⚡	⚡
No.	mm	Inch	Dia. mm	mm	lbs.	Pkg.	
32046	3.5	9/64	3.5	100	204	.07	1
32049	4.0	5/32	4.0	100	211	.12	1
32052	4.5	3/16	4.5	125	211	.14	1
32055	5.5	7/32	5.5	125	243	.21	1
32058	6.5	1/4	6.5	150	268	.25	1



⊕ 1000Volt

### 321 Insulated Phillips SlimLine

Screwdrivers Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

Item	⊕	Slim	⚡	⚡	⚡	⚡
No.	Size	Dia. mm	mm	lbs.	Pkg.	
32145	1	4.5	80	204	.12	1
32146	2	6.0	100	211	.21	1



⊕ 1000Volt

307 Insulated Xeno SlimLine Drivers For Terminal Screws Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

Item	⊕	Slim	⚡	⚡	⚡	⚡
No.	Size	Dia. mm	mm	lbs.	Pkg.	
30746	1	4.5	80	191	.12	1
30747	2	6.0	100	218	.21	1



⊖ 1000Volt

358 Insulated Square SlimLine Drivers Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

Item	⊖	Slim	⚡	⚡	⚡	⚡
No.	Size	Dia. mm	mm	lbs.	Pkg.	
35844	1	4.0	100	218	.12	1
35845	2	4.5	125	243	.19	1



⚙ 1000Volt

325 Insulated Security TORX® SlimLine Drivers Insulation According to ASTM, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

Item	⚙	⚡	⚡	⚡	⚡	⚡
No.	Size	mm	mm	lbs.	Pkg.	
32512	T10s	100	204	.08	1	
32513	T15s	100	211	.12	1	
32514	T20s	100	211	.12	1	
32515	T25s	125	243	.18	1	
32517	T27s	125	243	.21	1	
32518	T30s	125	243	.21	1	
32519	T40s	150	268	.26	1	

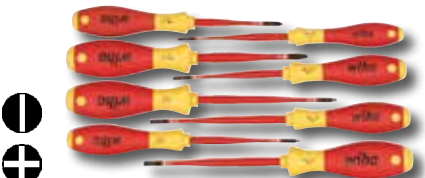


**Wiha Insulated SlimLine Screwdriver Sets**



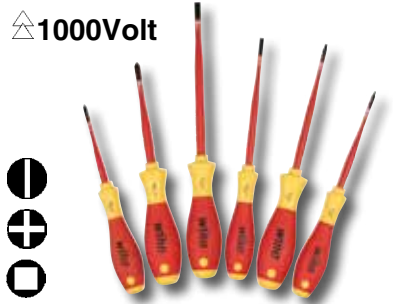
**32198** 11 Piece Insulated SlimLine Slotted, Phillips, Xeno & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Slotted: 3.5, 4.0, 4.5, 5.5, 6.5mm
32198	Phillips: #1, 2
	Square: #1, 2
	Xeno: #1, 2
	lbs. 1.75



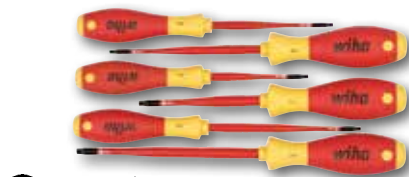
**32197** 8 Piece Insulated SlimLine Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Slotted: 3.5, 4.0, 4.5, 5.5mm
32197	Phillips: #1, 2
	Square: #1, 2
	lbs. 1.18



**32196** 6 Piece Insulated SlimLine Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools. Wiha-SoftFinish® handle, multi-component, cushion grip.

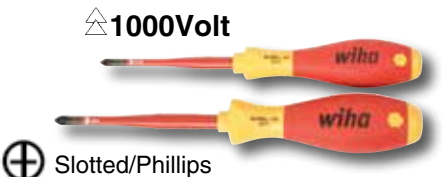
Item	Slotted: 4.5, 6.5mm	lbs.
No.	Phillips: #1, #2	32196
	Square: #1, #2	1.15



**32596** 6 Pc. Insulated SlimLine Security TORX® Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

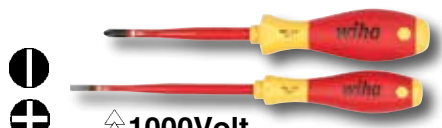
Item No.	Security TORX®: T10s, T15s, T20s, T25s, T27s, T30s
32596	lbs. 1.18

**Wiha Slim TECHNOLOGY**  
Achieves blade diameters up to 33% narrower utilizing Wiha integrated insulation



**30770** 2 Pc. Insulated SlimLine Terminal Block Xeno Slotted/Phillips Screwdrivers. Meets ASTM, VDE, EN/IEC, NFPA70E & CSA Specs, Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Xeno: #1x80mm
30770	Xeno: #2x100mm
	lbs. .34



**32189** 2 Pc. Insulated SlimLine Slotted & Phillips Screwdrivers. Meets ASTM, VDE, EN/IEC, NFPA70E & CSA Specs, Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Slotted: 4.5x125mm
32189	Phillips: #2x100mm
	lbs. .37



**32079** 30 Pc. Insulated SlimLine Slotted & Phillips Screwdriver Display. Meets ASTM, VDE, EN/IEC, NFPA70E & CSA Specs, Tested to 10,000Volts. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools. High quality CV steel, through hardened.

Item	6 of each:
No.	Slotted: 3.5, 4.5, 5.5mm
32079	Phillips: #1, #2

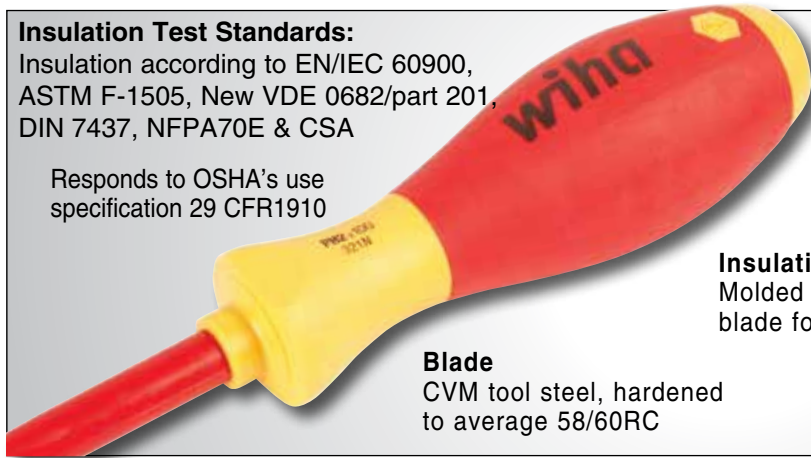


## Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle

### 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



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

**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

**1000V**



**1000Volt**



**320** Slotted Screwdriver, With Wiha-SoftFinish® Handle. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested.

Item No.	mm	Inch	Inch	mm	Inch	mm	Inch	lbs.	pkg.
32005	2.0	.078	5/64	60	3.0	164	6.5	.05	10
32010	2.5	.098	3/32	75	3.0	179	7.1	.06	10
32012	3.0	.118	1/8	100	4.0	204	8.0	.07	10
32015	3.5	.139	9/64	100	4.0	204	8.0	.07	10
32017	4.0	.157	5/32	100	4.0	211	8.3	.12	10
32023	4.5	.177	3/16	100	4.0	211	8.3	.12	10
32024	4.5	.177	3/16	125	5.0	236	9.3	.12	10
32027	4.5	.177	3/16	150	6.0	261	10.2	.14	10
32025	4.5	.177	3/16	175	7.0	286	11.2	.13	10
32028	4.5	.177	3/16	200	8.0	311	12.3	.15	10
32031	5.5	.216	7/32	125	5.0	243	9.5	.15	10
32026	5.5	.216	7/32	175	7.0	293	11.5	.21	10
32034	6.0	.236	15/64	150	6.0	268	10.6	.21	10
32039	6.5	.255	1/4	150	6.0	268	10.6	.21	10
32042	8.0	.315	5/16	175	7.0	299	11.8	.34	10
32045	10.0	.393	3/8	200	8.0	318	12.5	.39	10



**1000Volt**  
**32105** 2 Piece Slotted & Phillips Set  
Item ↓ Slotted: 5.5  
No. ⚙ Phillips: #2  
32105 ⚡ lbs. .50



**1000Volt**  
**33532** 2 Piece Slotted & Phillips Set  
Item ↓ Slotted: 6.0  
No. ⚙ Phillips: #2  
33532 ⚡ lbs. .50

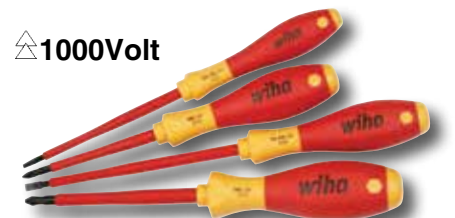
**1000Volt**



**321** Phillips Screwdriver, With Wiha-SoftFinish® Handle. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested.

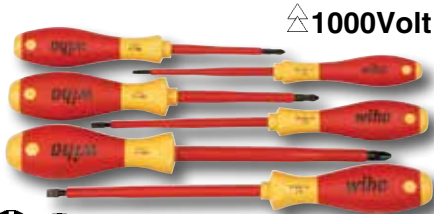
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32100	0	60	2.4	164	6.5	.06	10
32101	1	80	3.0	191	7.5	.12	10
32102	2	100	4.0	218	8.6	.20	10
32103	3	150	6.0	268	10.6	.34	10
32104	4	200	8.0	318	12.5	.39	10

**1000Volt**



**1000Volt**  
**32090** 4 Piece Slotted & Phillips Set  
Item No. ↓ Slotted: 3.5, 4.5  
32090 ⚙ Phillips: #1, 2  
⚡ lbs. .76

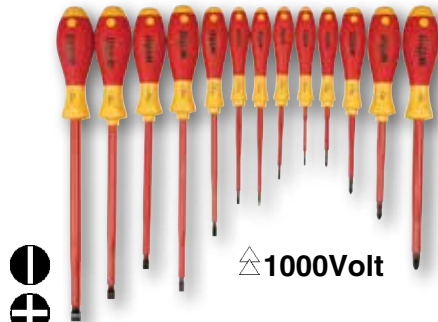
**Wiha Insulated Screwdriver Sets**



⚡ 1000Volt



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



⚡ 1000Volt

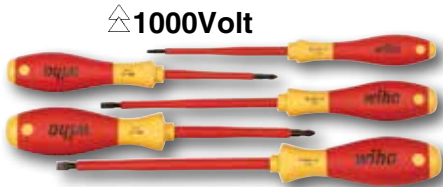


<b>32094</b>	<b>13 Piece Slotted &amp; Phillips Set</b>
Item No.	⚡ Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm
<b>32094</b>	⚡ Phillips: #0, 1, 2, 3
	⚖ lbs. 2.3

⚡ 1000Volt



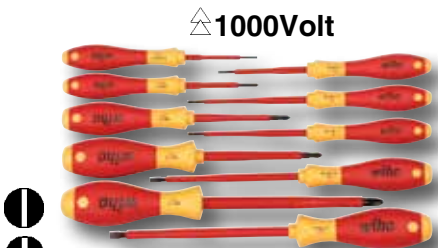
<b>32192</b>	<b>14 Piece Slot/Phil/Inch Nut Drivers &amp; Pliers/Cutters Set</b>
Item No.	⚡ Slotted: 3.0, 4.5, 6.5mm
<b>32192</b>	⚡ Phillips: 1, 2
	⚖ Nut Drivers Inch: 1/4, 5/16, 11/32, 3/8, 1/2"
	5.5 lbs. 8.0" Combo Pliers, 6.3" Diagonal Cutters
	6.3 & 8.0" Long Nose Pliers/Cutters



⚡ 1000Volt



<b>32091</b>	<b>5 Piece Slotted &amp; Phillips Set</b>
Item No.	⚡ Slotted: 3.0, 4.5, 6.5
<b>32091</b>	⚡ Phillips: #1, 2
	⚖ lbs. 1.31



⚡ 1000Volt



<b>32093</b>	<b>10 Piece Slotted &amp; Phillips Set</b>
Item No.	⚡ Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5
<b>32093</b>	⚡ Phillips: #0, 1, 2, 3
	⚖ lbs. 1.63



⚡ 1000Volt



<b>32190</b>	<b>15 Piece Slotted, Phillips &amp; Inch Nut Drivers Set</b>
Item No.	⚡ Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm
<b>32190</b>	⚡ Phillips: #1, 2, 3
	⚖ Nut Drivers Inch: 1/4, 5/16, 3/8, 7/16, 1/2"



⚡ 1000Volt

<b>32188</b>	<b>7 Piece Slotted &amp; Phillips Set</b>
Item No.	
<b>32188</b>	⚡ Slotted: 2.0, 2.5, 3.0, 3.5, 4.0
	⚡ Phillips: #0, 1
	⚖ lbs. .92



Tool box set in blow molded tray



⚡ 1000Volt



<b>32095</b>	<b>19 Piece Slotted, Phillips, Square, Xeno Screwdriver Set</b>
	Insulated Screwdriver set in a light weight tool box tray.
Item No.	⚡ Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm
<b>32095</b>	⚡ Phillips: #0, #1, #2, #3
	⚖ Square: #1, #2
	4.92 lbs. Xeno Terminal: #1, #2
	Cat. III Voltage Detector - (Battery Operated)



## Wiha Insulated Hex Metric Screwdrivers



⚡ 1000Volt

### 323 Hex Metric Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32302	2.5	75	3.0	179	7.0	.06	10
32303	3.0	75	3.0	179	7.0	.08	10
32304	4.0	75	3.0	186	7.3	.12	10
32305	5.0	75	3.0	186	7.3	.15	10
32306	6.0	100	3.9	218	8.6	.24	10
32308	8.0	100	3.9	218	8.6	.34	10



⚡ 1000Volt

### 32366 6 Piece Insulated Hex Metric Screwdriver Set

Item No.	Hex Metric:
32366	2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm
	⚡ lbs. 1.06

## Wiha Insulated TORX® Screwdrivers



⚡ 1000Volt

### 325 TORX® Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, ⚡ up to 1000 Volt. Individually Tested. Blade high alloy cvm steel, hardened, black finish. Insulation molded directly onto blade.

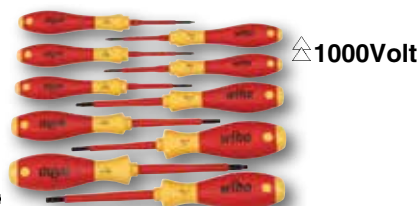
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32505	T5	60	2.4	164	6.5	.06	10
32511	T6	60	2.4	164	6.5	.06	10
32516	T7	60	2.4	164	6.5	.06	10
32521	T8	60	2.4	164	6.5	.06	10
32526	T9	60	2.4	164	6.5	.06	10
32531	T10	60	2.4	164	6.5	.06	10
32536	T15	80	3.0	191	7.5	.12	10
32541	T20	80	3.0	191	7.5	.12	10
32546	T25	80	3.0	198	7.8	.17	10
32551	T27	100	4.0	218	8.6	.20	10
32556	T30	100	4.0	218	8.6	.20	10
32561	T40	150	6.0	274	10.8	.30	10
32566	T45	150	6.0	274	10.8	.35	10



⚡ 1000Volt

### 32590 6 Piece TORX® Set

Item No.	TORX:
32590	T8, T9, T10, T15, T20, T25
	⚡ lbs. .83



⚡ 1000Volt

### 32592 10 Piece TORX® Set

Item No.	TORX: T6, T7,	⚡
32592	T8, T9, T10, T15,	lbs.
	T20, T25, T27, T30	1.2

## Wiha Insulated Square Tip Screwdrivers



⚡ 1000Volt

### 358 Square Tip Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM, VDE, EN/IEC, NFPA70E and CSA, ⚡ up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish.

Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
35811	1	100	4.0	210	8.2	.12	10
35812	2	150	6.0	268	10.5	.19	10



⚡ 1000Volt

### 35891 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

Item No.	Slotted: 3.0, 5.5mm	⚡
35891	Phillips: #1, 2	lbs.
	Square: #1, 2	.83



⚡ 1000Volt

### 35890 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

Item No.	Slotted: 4.5, 6.5mm	⚡
35890	Phillips: #1, 2	lbs.
	Square: #1, 2	.83

**Wiha Insulated Pozidriv® Screwdrivers**

 1000Volt

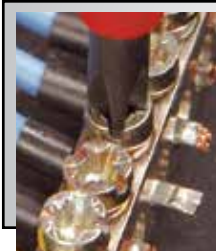


**324** Pozidriv® Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification.

Individually Tested.

Item No.	Size	mm	mm	Inch	lbs.	pkg.
32400	0	60	164	6.5	.11	10
32401	1	80	191	7.5	.13	10
32402	2	100	218	8.6	.23	10
32403	3	150	267	10.5	.30	5

**Insulated Terminal Block Xeno Screwdrivers**



**Combination Slotted/Phillips Terminal Block Drivers**

Slotted/Phillips or Slotted/Pozidriv®

 1000Volt



 Slotted/Phillips

**307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested.

Blade CVM steel, hardened, black finish.

Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Phillips head terminal screws.

Item No.	Size	mm	mm	Inch	lbs.	pkg.
30700	1	80	191	7.5	.13	10
30701	2	100	218	8.6	.23	10



 Slotted/Pozidriv®

**307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested.

Blade CVM steel, hardened, black finish.

Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Pozidriv® head terminal screws.

Item No.	Size	mm	mm	Inch	lbs.	pkg.
30711	1	80	191	7.5	.12	10
30712	2	100	218	8.6	.21	10

**Cat. III Voltage Detector - Battery Operated**



 1000Volt



**25500** Battery Operated Voltage Detector Tests 90-1000 Volts. Category III, CE IEC 61010-1 With audible sound and light warnings. Requires 2 AAA batteries.

Item No.	mm	Inch	lbs.	pkg.
25500	150	6.0	.13	1

**Insulated Single-Pole Voltage Detector**



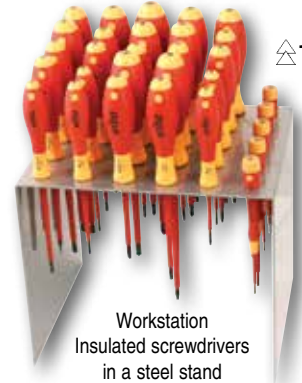
 1000Volt

**25511** Insulated Single-Pole Voltage Detector. 110-250Volts. Insulation According To DIN 57860/6 And DIN VDE 0680-6, GS Tested. Blade CVM steel, hardened, nickel-plated. Insulation molded directly onto blade. Amber LED light. 10,000Volt tested.

Item No.	mm	mm	mm	Inch	lbs.	pkg.
25511	3.0	65	145	5.7	.04	1

**Wiha Insulated Screwdrivers**

 1000Volt



Workstation Insulated screwdrivers in a steel stand

**32199** 30 Pc. Workstation Insulated Screwdriver Set

Item No.	Slotted: 3.5, 4.0, 4.5, 5.5, 6.5mm
32199	Phillips: #1, #2, #3
	Pozidriv®: #1, #2
	Square: #1, #2
8.50	Xeno Terminal Sit/Ph: #1, #2
	Hex Metric: 2.5, 3.0, 4.0, 5.0, 6.0mm
	TORX®: T8, T10, T15, T20, T25, T30
	PicoFinish Slotted: 1.5, 2.0, 2.5mm
	PicoFinish Phillips: #00, #0

**Insulated Drivers & Voltage Detector Sets**



 1000Volt

**32089** 9 Pc. Slotted, Phillips, Square & Voltage Detector Set In Molded Carry Case

Item No.	Slotted: 3.5, 4.0, 4.5, 5.5mm
32089	Phillips: #1, #2
	Xeno Sit/Ph: #2
	Ins. Single Pole Voltage Detector
	lbs. 1.81



**32087** 7 Pc. Slotted, Phillips, Square & Voltage Detector Set

Item No.	Slotted: 4.0, 5.5, 6.5mm
32087	Phillips: #1, #2
	Square: #2
	Ins. Single Pole Voltage Detector
	lbs. 1.36

## Wiha Insulated Metric & Inch Nut Drivers

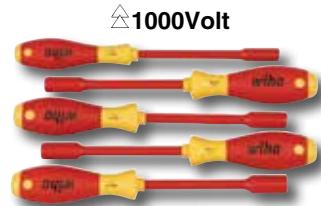


**322** **Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested.** Blade CVM steel, hardened. Insulation molded directly onto blade. Deep drawn 1" socket. Wiha-SoftFinish® handle, multi-component.

Item No.	mm	mm	mm	Inch	lbs.	pkg.
32206	4.0	125	236	9.3	.15	10
32209	5.0	125	236	9.3	.16	10
32212	5.5	125	236	9.3	.16	10
32215	6.0	125	236	9.3	.16	10
32218	7.0	125	243	9.6	.25	10
32221	8.0	125	243	9.6	.25	10
32224	9.0	125	243	9.6	.25	10
32227	10.0	125	243	9.6	.27	10
32230	11.0	125	243	9.6	.37	10
32233	12.0	125	243	9.6	.38	10
32236	13.0	125	243	9.6	.39	10
32238	14.0	125	243	9.6	.39	10
32239	15.0	125	243	9.6	.40	10
32240	16.0	125	243	9.6	.42	10
32241	17.0	125	243	9.6	.44	10

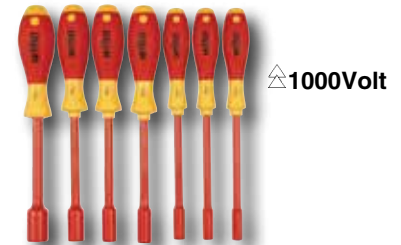
### 322 Inch Nut Drivers, With Wiha-SoftFinish® Handle

Item No.	Inch	Inch	mm	Inch	lbs.	pkg.
32255	5/32	5.0	236	9.3	.15	10
32258	3/16	5.0	236	9.3	.15	10
32261	7/32	5.0	236	9.3	.16	10
32264	1/4	5.0	243	9.6	.24	10
32267	5/16	5.0	243	9.6	.25	10
32268	11/32	5.0	242	9.6	.26	10
32270	3/8	5.0	243	9.6	.26	10
32273	7/16	5.0	243	9.6	.36	10
32276	1/2	5.0	243	9.6	.39	10
32278	9/16	5.0	243	9.6	.39	10
32280	5/8	5.0	243	9.6	.41	10



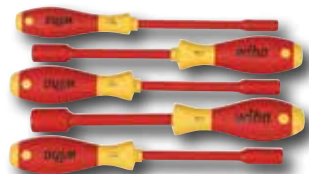
**32291** **5 Pc. Nut Driver Set - Metric Sizes**

Item No.	Metric:	lbs.
32291	6.0, 7.0, 8.0, 9.0, 10.0mm	1.36



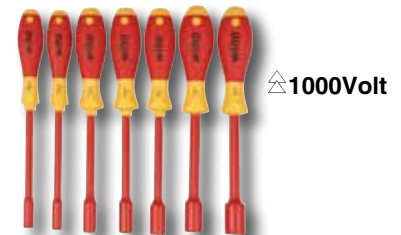
**32293** **7 Pc. Nut Driver Set - Metric Sizes**

Item No.	Metric:	lbs.
32293	5.0, 5.5, 6.0, 7.0, 8.0, 10.0, 13.0mm	2.05



**32292** **5 Pc. Nut Driver Set - Inch Sizes**

Item No.	Inch:	lbs.
32292	7/32, 1/4, 5/16, 3/8, 1/2"	1.52



**32294** **7 Pc. Nut Driver Set - Inch Sizes**

Item No.	Inch:	lbs.
32294	3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"	2.24



**32296** **11 Pc. Nut Driver Set - Inch Sizes**

Item No.	Inch:	lbs.
32296	5/32, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8"	3.00



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

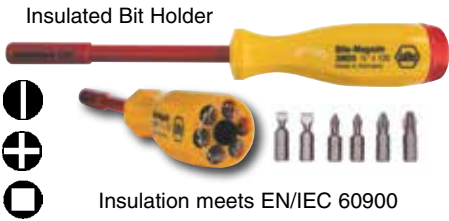
Item No.	Inch:	lbs.
32288	3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8"	3.16

In roll-up pouch



**Multi-Bit Screwdrivers  
"Six Tools In One"**

Tested to 10,000 Volts



**Insulated Bit Holder**  
with Wiha Powerhandle, cellulose-acetate, impact resistant. Snap-lock rotatable cap. Chambered bit holder equipped with transparent selector & 6 bits. 1/4" Bit holder, stainless steel. Shaft CVM steel, hardened, chrome-plated. Packaged in clear blister package. Blade Length = 120mm (4.7") Overall Length = 230mm (9")

- 38006 Insulated Slotted/Phillips Multi-Bit Screwdriver**
- Set includes the following 1/4" bits:
- Slotted: 5.5, 6.0mm
  - Phillips: #0, 1, 2, 3
- lbs. .39



- 38007 Insulated Slotted/Phillips/Square Multi-Bit Screwdriver**
- Set includes the following 1/4" bits:
- Slotted: 6.5, 8.0mm
  - Phillips: #1, 2
  - Square: #1, 2
- lbs. .41



- 38025 Magnetic Bit Holder, 1/4" Wiha Powerhandle & insulated shaft. Holds up to 6 bits. (Holder only)**
- lbs. .26

**Wiha Insulated Pop-Up Insert Bit Sets**

**NEW** Certified to VDE, EN ISO, BS EN, ASME specifications

Blades High quality CV steel, through-hardened

Convenient rotating cap

Friction hold bit holder securely holds bits in place

**1000Volt**

**1000Volt Rated**  
10,000 Volt Tested

**NEW**

**38050 Insulated Pop-Up Bit Holder Set With 1/4" Insert Bits**

Insulated cushion grip multi-component handle. Bit holder holds 1/4" Insert bits. Convenient rotating cap.

**1000Volt**

**NEW**

**38051 Insulated Pop-Up Bit Holder Set With 1/4" Insert Bits**

Insulated cushion grip multi-component handle. Bit holder holds 1/4" Insert bits. Convenient rotating cap.

**1000Volt**

**38050 Insulated Pop-Up Bit Holder Set With 1/4" Insert Bits**

Insulated cushion grip multi-component handle. Bit holder holds 1/4" Insert bits. Convenient rotating cap.

Item No.	Set includes the following bits:
38050	<ul style="list-style-type: none"> <li>Slotted: 4.5, 5.5, 6.0mm</li> <li>Phillips: #0, 1, 2, 3</li> <li>Square: #1, 2, 3</li> <li>Pozidriv®: #1, 2, 3</li> </ul>

lbs. .46

**38051 Insulated Pop-Up Bit Holder Set With 1/4" Insert Bits**

Insulated cushion grip multi-component handle. Bit holder holds 1/4" Insert bits. Convenient rotating cap.

Item No.	Set includes the following bits:
38051	<ul style="list-style-type: none"> <li>Slotted: 4.5, 5.5, 6.0mm</li> <li>Phillips: #0, 1, 2, 3</li> <li>Square: #1, 2, 3</li> <li>TORX®: T15, T20, T25</li> </ul>

lbs. .46

**WARNING!**  
Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

**Use & Care Guide For Insulated Tools:**  
Store tools to minimize risk of damage to insulation, always wear approved eye protection, inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

**1000Volt**



Insulated Industrial Pliers & Cutters



**32990 17 Pc. Insulated Pop-Up Bit Holder & Industrial Pliers/Cutters Set** High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters drop-forged from special tool steel. Industrial Soft grip ergonomically designed handle body. In belt pack pouch

Item No.	Set Includes 1/4" Insert Bits:
32990	Slotted: 4.5, 5.5, 6.0mm • Phillips: #0, 1, 2, 3
	Square: #1, 2, 3 • TORX®: T15, T20, T25
lbs.	8.0"/200mm Long Nose Pliers
3.60	8.0"/200mm High Leverage Cutters
	9.5"/245mm Lineman's Pliers

**1000Volt**



Chrome Finish Pliers & Cutters



**32886 17 Pc. Insulated Pop-Up Bit Holder & Pliers/Cutters Set** High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters additionally induction hardened. Hard chrome finish for long lasting corrosion protection. Two component Insulated soft grip handle. In belt pack pouch

Item No.	Set Includes 1/4" Insert Bits:
32886	Slotted: 4.5, 5.5, 6.0mm • Phillips: #0, 1, 2, 3
	Square: #1, 2, 3 • TORX®: T15, T20, T25
lbs.	8.0"/200mm Long Nose Pliers
3.72	8.0"/200mm High Leverage Cutters
	9.5"/245mm Lineman's Pliers

**1000Volt**

**32873 3 Piece Insulated Pliers/Cutters**

**In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard.

Item No.	Insulated Pliers & Cutters
32873	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
	8.0" / 200mm Combination Pliers
lbs.	2.12

**Wiha Insulated Belt Pack Pouch Sets**



**1000Volt**

**32871 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch**

Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated multi-bit screwdriver includes Slotted, Phillips & Square bits.

Item No.	Pliers/Cutters & Multi-Bit Set
32871	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
	<b>Set Includes Bit Holder &amp; The Following Bits:</b>
	Slotted: 4.5, 6.5mm • Phillips: 1, 2 • Square: 1, 2
lbs.	1.67



**1000Volt**

**32875 5 Pc. Insulated Pliers/Cutters & SlimLine Screwdrivers**

**In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

Item No.	Insulated Pliers/Cutters & Screwdrivers
32875	9.0" / 225mm Lineman's Pliers
	8.0" / 200mm Long Nose Pliers
	<b>Insulated SlimLine SoftFinish® Screwdrivers:</b>
	Slotted: 4.5, 6.5mm • Phillips: 2
lbs.	2.26



**1000Volt**

**32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch**

Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

Item No.	Insulated Pliers/Cutters & Screwdrivers
32872	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
	<b>Insulated SoftFinish® Screwdrivers:</b>
	Slotted: 3.0, 4.5mm • Phillips: 2
lbs.	1.77

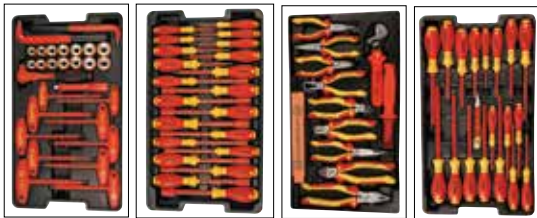
**Wiha Insulated Master Electrician's Tools**

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



⚡ 1000Volt

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



**Wiha Insulated Master Electrician's Tools**

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



⚡ 1000Volt

**Inch**



**Metric**



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



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

Item# 32800	Set Includes:	⚖ lbs. 33.9
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. III Voltage Detector- Battery Operated</b>	

**Use & Care Guide For Insulated Tools:**

Store tools to minimize risk of damage to insulation, always wear approved eye protection, inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

**32801 112 Pc. Insulated Master Electrician's Tool Set In Rolling Water Tight Traveling Tool Box - 10,000Volt Tested, 1000Volt Rated**

Item# 32801	Set Includes:	⚖ lbs. 51.3
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 T-handle Inch Hex:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	
<b>Insulated L-key:</b> 10mm	<b>Insulated T-handle Metric Hex:</b> 4.0, 5.0, 6.0, 8.0mm	
<b>Insulated L-key:</b> 1/2"	<b>Insulated Inch Deep Offset Ring Wrenches:</b> 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/4"	
<b>Insulated Cable Knife:</b> 50mm	<b>Insulated Metric Deep Offset Ring Wrenches:</b> 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0, 24.0, 27.0, 30.0, 32.0mm	
<b>Cat. III Voltage Detector- Battery Operated</b>		



## Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles

### Master Electrician's Sets



**80 Pc.  
BIGGEST  
SET**

⚡ 1000Volt

<b>32877</b>	<b>80 Piece Insulated Master Electrician's Set</b>	
<b>Item# 32877</b>	<b>Set Includes:</b>	⚡ lbs. 27.0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
6.3" Bent Nose Pliers	8.0" BiCut SuperCut	
8.0" Long Nose Pliers	8.0" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Insulated Slotted 2.0mm	Insulated Nut Driver 7/32"	
Insulated Slotted 2.5mm	Insulated Nut Driver 1/4"	
Insulated Slotted 3.0mm	Insulated Nut Driver 5/16"	
Insulated Slotted 3.5mm	Insulated Nut Driver 3/8"	
Insulated Slotted 4.0mm	Insulated Nut Driver 7/16"	
Insulated Slotted 4.5mm	Insulated Nut Driver 5.0mm	
Insulated Slotted 5.5mm	Insulated Nut Driver 5.5mm	
Insulated Slotted 6.0mm	Insulated Nut Driver 6.0mm	
Insulated Slotted 6.5mm	Insulated Nut Driver 7.0mm	
Insulated Slotted 8.0mm	Insulated Nut Driver 8.0mm	
Insulated Slotted 10.0mm	Insulated Nut Driver 10.0mm	
Insulated Phillips #0	Insulated Nut Driver 13.0mm	
Insulated Phillips #1	Insulated T-handle Hex 5/32"	
Insulated Phillips #2	Insulated T-handle Hex 3/16"	
Insulated Phillips #3	Insulated T-handle Hex 7/32"	
Insulated Slit/Ph Terminal #1	Insulated T-handle Hex 1/4"	
Insulated Slit/Ph Terminal #2	Insulated T-handle Hex 5/16"	
Insulated Torx T6	Insulated T-handle Hex 3/8"	
Insulated Torx T7	Insulated T-handle Hex 4.0mm	
Insulated Torx T8	Insulated T-handle Hex 5.0mm	
Insulated Torx T9	Insulated T-handle Hex 6.0mm	
Insulated Torx T10	Insulated T-handle Hex 8.0mm	
Insulated Torx T15	Insulated L-key 10mm	
Insulated Torx T20	Insulated L-key 1/2"	
Insulated Torx T25	Insulated Cable Knife 50mm	
Insulated Torx T30	Insulated Folding Ruler In/MM	
Insulated Square #1	Insulated Ratchet 3/8" Dr.	
Insulated Square #2	Insulated 4.9" Extension	
Insulated Socket 1/2"	Insulated Socket 13mm	
Insulated Socket 9/16"	Insulated Socket 14mm	
Insulated Socket 5/8"	Insulated Socket 15mm	
Insulated Socket 11/16"	Insulated Socket 17mm	
Insulated Socket 3/4"	Insulated Socket 19mm	
Insulated Socket 13/16"	Insulated Socket 20mm	
Insulated Socket 7/8"	Insulated Socket 22mm	



**66 Pc.  
BIGGER  
SET**

⚡ 1000Volt

**32876** **66 Pc. Master Electrician's 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.

<b>Item# 32876</b>	<b>Set Includes:</b>	⚡ lbs. 21.5
8.0" Long Nose	6.3" Side Cutters	
6.3" Long Flat Nose	8.0" BiCut SuperCut	
9.0" Combo Pliers/Crimpers	6.3" Stripping Pliers	
8.0" Cable Cutters	8.0" Adjustable Wrench	
Insulated Nut Driver 1/4"	Insulated Slotted 2.0mm	
Insulated Nut Driver 5/16"	Insulated Slotted 2.5mm	
Insulated Nut Driver 11/32"	Insulated Slotted 3.0mm	
Insulated Nut Driver 3/8"	Insulated Slotted 4.0mm	
Insulated Nut Driver 7/16"	Insulated Slotted 4.5mm	
Insulated T-handle Hex 4.0mm	Insulated Slotted 5.5mm	
Insulated T-handle Hex 5.0mm	Insulated Slotted 6.0mm	
Insulated T-handle Hex 6.0mm	Insulated Slotted 8.0mm	
Insulated T-handle Hex 8.0mm	Insulated Slotted 10.0mm	
Insulated T-handle Hex 5/32"	Insulated Phillips #0	
Insulated T-handle Hex 3/16"	Insulated Phillips #1	
Insulated T-handle Hex 7/32"	Insulated Phillips #2	
Insulated T-handle Hex 1/4"	Insulated Phillips #3	
Insulated T-handle Hex 5/16"	Insulated Torx T8	
Insulated T-handle Hex 3/8"	Insulated Torx T10	
Insulated Hex L-key 10.0mm	Insulated Torx T15	
Insulated Hex L-key 1/2"	Insulated Torx T20	
Insulated Socket 1/2"	Insulated Torx T25	
Insulated Socket 9/16"	Insulated Torx T30	
Insulated Socket 5/8"	Insulated Square #1	
Insulated Socket 11/16"	Insulated Square #2	
Insulated Socket 3/4"	Insulated Slit/Ph Terminal #1x80	
Insulated Socket 13/16"	Insulated Slit/Ph Terminal #2x100	
Insulated Socket 7/8"	Insulated Cable Knife 50mm	
Insulated Socket 8.0mm	Insulated Extension 4.9"	
Insulated Socket 10.0mm	Insulated Ratchet 3/8" Driver	
Insulated Socket 13.0mm	Insulated Socket 17.0mm	
Insulated Socket 14.0mm	Insulated Socket 19.0mm	
Insulated Socket 15.0mm	Insulated Socket 22.0mm	

**Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles**



**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		



**25 Pc. Set**

**1000Volt**

**32879 25 Pc. Pliers & Screwdriver 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. In tool box.

<b>Item# 32879</b>	<b>Set Includes:</b>	↔ lbs. 11.92
8.0" Long Nose	6.3" Stripping Pliers	
9.0" Combination Pliers	Insulated Inch & Metric Folding Ruler	
8.0" BiCut SuperCut	8.5" Insulated Knife	
<b>Slotted:</b> 3.0, 4.5, 6.0mm	<b>Phillips:</b> #1, #2	
<b>Square:</b> #1, #2	<b>Terminal Block Driver:</b> #1, #2	
<b>Inch Nut Driver:</b> 1/4, 5/16, 11/32, 3/8, 7/16, 1/2"		
<b>Metric Nut Driver:</b> 7.0, 8.0, 10.0, 13.0mm		

**1000Volt**



**31 Pc. Set**

**32896 31 Pc. Pliers & Screwdriver 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. Set includes Insulated Inch & Metric folding ruler.

<b>Item# 32896</b>	<b>Set Includes:</b>	↔ lbs. 12.85
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" BiCut SuperCut	
7.0" Linemans Pliers	6.3" Stripping Pliers	
9.0" Combination Pliers	6.3" Round Nose Pliers	
<b>Slotted:</b> 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm		
<b>Phillips:</b> #0, #1, #2, #3		
<b>Inch Nut Driver:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16"		



**13 Pc. Set**

**1000Volt**

**32878 13 Piece Pliers & Screwdriver Set.** In canvas tool bag

<b>Item# 32878</b>	<b>Set Includes:</b>	↔ lbs. 5.16
8.0" Long Nose	50mm Cable Stripping Knife	
8.0" BiCut SuperCut	Insulated Slotted: 3.0mm	
9.0" Combo Pliers/Crimpers	Insulated Slotted: 4.5mm	
Insulated Phillips: #1	Insulated Slotted: 6.0mm	
Insulated Phillips: #2	Insulated Square: #1	
Insulated Sit/Ph Terminal: #1	Insulated Square: #2	
Insulated Sit/Ph Terminal: #2		

## Wiha Insulated Pliers with High Visibility Comfort Grip Handle

⚡ 1000Volt



- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.
- In zipper carry case

### 32891 10 Piece Pliers & Screwdriver Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

<b>Item# 32891</b>	<b>Set Includes:</b>	↔ lbs. 5.54
8.0" Combination Pliers	8.0" Long Nose	
8.0" BiCut SuperCut	6.3" Cable Cutters	
6.3" Universal Wire Stripper		
Insulated Phillips #1	Insulated Slotted 4.5mm	
Insulated Phillips #2	Insulated Slotted 6.5mm	
Insulated Phillips #3		



- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.
- In zipper carry case

⚡ 1000Volt

### 32895 14 Piece Pliers & Screwdriver Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

<b>Item# 32895</b>	<b>Set Includes:</b>	↔ lbs. 6.60
8.0" Long Nose	6.3" Side Cutters	
9.0" Combination Pliers	8.0" BiCut SuperCut	
6.3" Stripping Pliers	Insulated Slotted 2.5mm	
Insulated Phillips #1	Insulated Slotted 3.0mm	
Insulated Phillips #2	Insulated Slotted 3.5mm	
Insulated Phillips #3	Insulated Slotted 4.5mm	
Insulated Slotted 2.0mm	Insulated Slotted 6.5mm	



⚡ 1000Volt

### 32888 11 Piece Pliers & Screwdriver Set In Canvas Pouch

<b>Item# 32888</b>	<b>Set Includes:</b>	↔ lbs. 3.58
6.3" Long Nose	6.3" Side Cutters	
8.0" Combination Pliers	6.3" Stripping Pliers	
Insulated Slotted 2.5mm	Insulated Phillips #0	
Insulated Slotted 3.5mm	Insulated Phillips #1	
Insulated Slotted 4.5mm	Insulated Phillips #2	
Insulated Slotted 6.0mm		



⚡ 1000Volt

### 32892 10 Piece Pliers & Screwdriver 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 and nickel plated, mirror-polished. In canvas tool bag

<b>Item# 32892</b>	<b>Set Includes:</b>	↔ lbs. 6.64
8.0" Bent Nose	8.0" Combination Pliers	
6.3" Long Nose	6.3" Side Cutters	
Insulated Phillips #0	Insulated Slotted 3.0mm	
Insulated Phillips #1	Insulated Slotted 4.5mm	
Insulated Phillips #2	Insulated Slotted 6.5mm	



⚡ 1000Volt

### 32894 13 Piece Pliers & Screwdriver Set In canvas tool bag

<b>Item# 32894</b>	<b>Set Includes:</b>	↔ lbs. 9.5
8.0" Bent Nose	8.0" Combination Pliers	
6.3" Long Nose	6.3" Side Cutters	
10" Water Pump Pliers		
Insulated Slotted: 4.5 & 6.5mm	Insulated Nut Driver:	
Insulated Phillips: #1 & #2	1/4, 5/16, 3/8, 1/2"	





**Wiha Insulated Pliers with High Visibility Comfort Grip Handle**

- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.



**1000Volt**

<b>32889</b>	<b>8 Piece Pliers &amp; Cutters Set</b>	
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, <b>1000 volt. Individually Tested.</b>		
<b>Item# 32889</b>	<b>Set Includes:</b>	<b>lbs. 4.63</b>
6.3" Long Nose Pliers	8.0" Long Nose Pliers	
6.3" Lineman's Pliers	6.3" Diagonal Cutters	
9.0" Lineman's Pliers	8.0" BiCut SuperCut	
6.3" Wire Stripping Pliers	Electrician's Knife	



**1000Volt**

<b>32869</b>	<b>14 Piece Pliers/Cutters &amp; Screwdrivers Set</b>	
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, <b>1000 volt. Individually Tested.</b>		
<b>Item# 32869</b>	<b>Set Includes:</b>	<b>lbs. 6.52</b>
9.0" Lineman's Pliers	8.0" BiCut SuperCut	
8.0" Cable Cutters	8.0" Long Nose Pliers	
6.0" Stripping Pliers 10-20 AWG		
SlimLine Slotted 3.0, 4.5, 6.5mm	SlimLine Phillips #1, 2	
SlimLine Square #1, 2	SlimLine Terminal #2	
Single Pole Tester		



**1000Volt**

<b>32867</b>	<b>10 Piece Pliers &amp; Screwdriver Set</b>	<b>In Canvas Pouch</b>
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, <b>1000 volt. Individually Tested.</b>		
<b>Item# 32867</b>	<b>Set Includes:</b>	<b>lbs. 4.06</b>
6.3" Diagonal Cutters	9.0" Combo Pliers	
6.3" Long Nose Pliers	6.3" Wire Strippers	
7.0" Crimping Pliers		
Insulated Slotted 4.5mm	Insulated Phillips #1	
Insulated Slotted 6.0mm	Insulated Phillips #2	
Insulated Square: #2		



**1000Volt**



<b>32868</b>	<b>10 Piece Pliers &amp; Screwdriver Set</b>	<b>In Canvas Pouch</b>
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, <b>1000 volt. Individually Tested.</b>		
<b>Item# 32868</b>	<b>Set Includes:</b>	<b>lbs. 4.24</b>
7.0" Diagonal Cutters	9.0" Combo Pliers	
8.0" Long Nose Pliers	6.3" Wire Strippers	
7.0" Crimping Pliers		
Insulated Slotted 3.0, 4.5, 6.0mm		
Insulated Phillips #1, 2		



**1000Volt**



<b>32899</b>	<b>7 Pc. Pliers &amp; Driver Set.</b>	<b>Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E &amp; CSA, 1000 volt. Individually Tested.</b>
In molded tool box		
<b>Item# 32899</b>	<b>Set Includes:</b>	<b>lbs. 5.39</b>
9.0" Linemans Pliers	6.3" Long Nose Pliers W/Cutter	
6.3" Diagonal Cutter		
Insulated Phillips #1, 2	Insulated Slotted 3.0, 4.5mm	

## Insulated Pliers/Cutters & Screwdrivers Sets



**NEW**  
⚡ 1000Volt



**32856** 5 Pc. Insulated Pliers/Cutters & Screwdriver 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 of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Insulated Pliers/Cutters
32856	8.0" Long Nose Pliers
	6.3" Diagonal Cutters
lbs.	Insulated Slotted & Phillips Drivers
1.81	Slotted: 4.5, 5.5mm
	Phillips: #2



**NEW**  
⚡ 1000Volt



**32857** 7 Pc. Insulated Pliers/Cutters & Screwdriver 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 of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Insulated Pliers/Cutters
32857	8.0" BiCut SuperCut Pliers
	Insulated Slotted & Phillips Drivers
lbs.	Slotted: 3.5, 4.5, 5.5mm
1.85	Phillips: #0, #1, #2



**NEW**  
⚡ 1000Volt



**32865** 8 Pc. Insulated Pliers/Cutters & SlimLine Blade 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 of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. SlimLine blades high alloy CV steel, through hardened. Blades have up to 33% narrower insulation diameter than standard insulated tools.

Item No.	Insulated Pliers/Cutters
32865	8.0" Long Nose Pliers
	Insulated Slotted & Phillips SlimLine Blades
lbs.	Slotted: 3.0, 4.0, 5.5, 6.5mm
.98	Phillips: #1, #2



**NEW**  
⚡ 1000Volt



**32858** 7 Pc. Insulated Pliers/Cutters & Screwdriver 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 of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Insulated Pliers/Cutters
32858	8.0" Combination Lineman's Pliers
	Insulated Slotted & Phillips Drivers
lbs.	Slotted: 3.5, 4.5, 5.5mm
1.81	Phillips: #0, #1, #2

**Insulated Pliers & Cutters Sets**



**NEW**  
1000Volt

**32862 2 Pc. Insulated Pliers & Cutters Set**

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC.

Item No.	Insulated Pliers & Cutters Pliers	↔ lbs.
32862	8.0" BiCut SuperCut Pliers 8.0" Combination Pliers	1.66



**NEW**  
1000Volt

**32863 3 Pc. Insulated Pliers/Cutters & Stripping Pliers Set**

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC.

Item No.	Insulated Pliers/Cutters & Stripping Pliers	↔ lbs.
32863	8.0" High Leverage Diagonal Cutters 9.0" Lineman's Pliers W/Crimpers 6.3" Stripping Pliers Strips 0.81-2.59 / AWG #20-#10	2.21



**NEW**  
1000Volt

**32864 3 Pc. Insulated Pliers & Cutters Set**

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC.

Item No.	Insulated Pliers & Cutters	↔ lbs.
32864	6.3" Diagonal Cutters 8.0" Long Nose Pliers 8.0" Combination Lineman's Pliers	1.94

**NE Style Lineman's Pliers Set**

Insulated Tool meets ASTM, IEC, EN, NFPA & CSA standards

Individually Tested

Knurled striking zone on vinyl grip pliers



Extra long cutting edge for flat and round cables

**NEW**  
1000Volt

**32833 2 Pc. NE Style Lineman's Pliers Set**

Item No.	NE Style Lineman's Pliers	↔ lbs.
32833	9.5" Insulated & 9.5" Vinyl Soft Grip - Lineman's Pliers	2.22

**Insulated BiCut SuperCut**



Cutting capacity up to 3mm hardened piano wire



**NEW**  
1000volt



- Double the power at the press of a button
- BiCut does the job of two pairs of pliers
- Up to 50% less hand strength required for cutting
- Cutting force doubled for extremely hard materials
- Easily switch between two strengths in one-handed operation

**32837 Insulated BiCut SuperCut. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested.**

Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Drop forged of high C70 steel. For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item No.	↔ mm	↔ Inch	↔ Pkg.	↔ lbs.
32837	200	8.0	1	.78



## Insulated Pliers & Cutters



Safety slip guard

Soft grip ergonomically designed handle body

Cutters additionally induction hardened

Hard chrome finish for long lasting corrosion protection



## Insulated NE Style Lineman's Pliers



New dynamic joint provides 40% easier cuts & significantly longer tool life



**1000volt**

**32831 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. Two component soft grip ergonomic handles.

Item	↔	↔	↔	↔
No.	mm	Inch	Pkg.	wt.
32831	245	9.5	1	1.18

## Insulated Linemans Pliers With Crimpers



With Lower Crimping Jaw

5-In-1

Lineman's Pliers

**1000volt**

64HRC cutting edges



**32821 Insulated Lineman's Pliers "5-In-1" Professional Design**

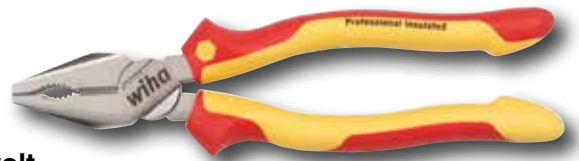
Insulation According to EN/IEC, ASTM, NFPA70E & CSA,

**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. Made from premium CV tool steel forgings. Two component cushion grips for best user comfort.

Item	↔	↔	Cutting Capacity	↔	↔
No.	mm	Inch	Copper AWG	Pkg.	wt.
32821	225	9.0	#4	1	.98

## Insulated Combination Lineman's Pliers



**1000volt**

**328 Combination Pliers. Insulation According to VDE 0682/**

part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **up to 1000 volt. Individually Tested.** DIN ISO 5746 Extra long cutting edge for flat & round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. C70 Special tool steel, Chrome finish. Use for gripping and holding as well as cutting soft and hard wires and cables. Two component soft grip ergonomic handles.

Item	↔	↔	Cutting Capacity	↔	↔
No.	mm	Inch	Copper AWG	Pkg.	wt.
32814	160	6.3	#10	1	.53
32816	180	7.0	#9	1	.58
32818	200	8.0	#8	1	.72

## Insulated High Leverage Combination Pliers



Lineman's



**1000volt**

**32820 High Leverage Combination Pliers. Insulation According**

to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **up to 1000**

**volt. Individually Tested. DIN ISO 5746**

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. C70 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.

Item	↔	↔	Cutting Capacity	↔	↔
No.	mm	Inch	Copper AWG	Pkg.	wt.
32820	225	9.0	#4	1	.86

## Insulated Crimping Pliers



**1000volt**

**32841 Insulated 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. C70 special tool steel hardened & tempered.

Item	↔	↔	Cutting Capacity	↔	↔
No.	mm	Inch	mm <sup>2</sup> AWG	Pkg.	wt.
32841	180	7.0	0.25-2.5 6-30	1	.57

**Insulated Diagonal Cutters**



**328** Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. DIN ISO 5749 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. 60 HRC. Special tool steel hardened and tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.

Item No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32830	140	5.5	#6	1 .47
32832	160	6.3	#6	1 .49
32834	180	7.0	#6	1 .62

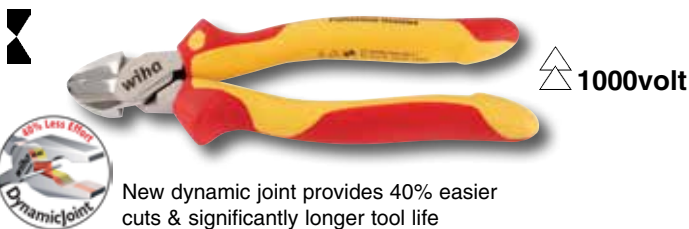
**Insulated Serrated Edge Cable Cutters**



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

Item No.	Cutting Capacity		Ø	mm2	Pkg.	lbs.
	mm	Inch				
32826	160	6.3	16	50	1	.42
32828	200	8.0	20	60	1	.67

**Insulated High Leverage Diagonal Cutters**



**328** High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. 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 No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32835	160	6.3	#6	1 .64
32836	180	7.0	#5	1 .67
32838	200	8.0	#4	1 .80

**Insulated Stripping Pliers**



**32860** Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  $\Delta$  up to 1000 volt. Individually Tested. Heavy duty forged, induction hardened cutting edges for even stripping of insulation. Drop-forged from special tool steel, chrome and nickel plated, mirror-polished. Spring and adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32860	160	6.3	#8 - #28	1 .50

**Insulated Electrician's Diagonal Cutters**



**32861** Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished. Ergo comfort grip with slip guard. Holes in the cutting edge for stripping copper wire of Ø 1.5 and 2.5.

Item No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32861	160	6.3	#6	1 .55

**Insulated Stripping Pliers**



**10250** Insulated Stripping Pliers. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested. Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

Item No.	mm	Inch	Ø	AWG	Pkg.	lbs.
10250	160	6.3"	0.81-2.59	20-10	1	.26

## Insulated Long Nose Pliers



1000volt

**328** 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, chrome-nickel plated, mirror-polished.

Item No.	↔		↔		Cutting Capacity	Pkg.	wt.
	mm	Inch	Copper AWG				
32806	160	6.3	#10	1	.32		
32808	200	8.0	#8	1	.42		

## Insulated Round Nose Pliers

1000volt



**32870** Round Nose Pliers. Insulation According to VDE 0682/part 01, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested. Drop-forged from special tool steel, individually induction hardened, chrome and nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Serrated jaws.

Item No.	↔		↔		Cutting Capacity	Pkg.	wt.
	mm	Inch	Copper AWG				
32870	160	6.3	#10	1	.34		

## Insulated Bent Nose Pliers



Angled 40°



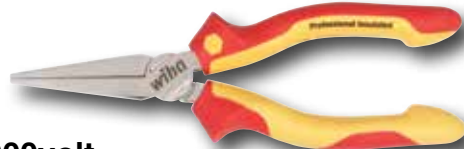
1000volt

**328** Bent Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished. Serrated gripping surface, nose bent 40°.

Item No.	↔		↔		Cutting Capacity	Pkg.	wt.
	mm	Inch	Copper AWG				
32804	200	8.0	#8	1	.43		
32807	160	6.3	#10	1	.32		

## Insulated Long Flat Nose Pliers

1000volt



**32810** Long Flat Nose Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5745 Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings, Chrome finish. Two component Soft Grip handles. Use for Gripping and right-angle bending of wires and sheet metal parts.

Item No.	↔		↔		Cutting Capacity	Pkg.	wt.
	mm	Inch	Copper AWG				
32810	160	6.3	#10	1	.39		

## Wiha Canvas Pliers Holster

- Canvas holster with belt clip and belt loop
- Security pliers strap
- Screwdriver holder in the front

### 91256 Pliers Canvas Holster

Item No.	↔		↔		Cutting Capacity	Pkg.	wt.
	Width	Height	Copper AWG				
91256	3.5 x	6.75	.15	1			



## Pen Style Control Cabinet Key



For applications with all common switch cabinets and locking systems

**21105** Pen Style Control Cabinet Key Diecast Zinc, polished finish. Includes: Square 5, 6, 7, 8mm, Triangular 9mm, Double Bit Key 5mm/Internal & 9mm/External, Universal 1/4" Bit Adapter, Magnetic Bit Holder & 2 Double Insert Bits: Slotted 7mm / Phillips #2, TORX T20/T25

Item No.	mm	Inch	Pkg.	lbs.
21105	140	5.5"	1	.30

## Switch Cabinet Key




**21103** Switch Cabinet Keys For applications with all common switch cabinets and locking systems. Diecast Zinc

Item No.	mm	Inch	Pkg.	lbs.
21103	76	3.0"	1	.22



**Wiha Inomic 1000Volt Insulated Pliers**



Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel




32850



32852

32854



 **1000volt**

**32850 Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt.**



**Individually Tested. DIN ISO 5749** Precision machined forged head. Induction hardened for longest tool life. Cross hatched flat jaw & deep cut radius jaws for secure gripping of the work piece. Cutting edges are matched for precise cutting action. Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue. Palm side of grip has molded soft panel for added comfort in prolonged use.

Item	↔	↔	Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
<b>32850</b>	180	7.0	#6	1	.46

**32852 Inomic Long Nose Pliers**

Item	↔	↔	Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
<b>32852</b>	160	6.3	#6	1	.43



**32854 Inomic Diagonal Cutters**

Item	↔	↔	Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
<b>32854</b>	160	6.3	#6	1	.41



Holds any Inomic Pliers

**91230 Inomic Canvas Holster**

Item	Width	Height		
No.	Size	Size	lbs.	pkg.
<b>91230</b>	4.0	x 4.5	.05	1

**Protturn Insulated Electrician's Shears**



**32951 Protturn Insulated Electrician's Shears**

**Insulation meets VDE, ASTM F1505, EN/IEC 60900, CSA, NFPA 70E, OSHA Specifications. Made from stainless 420 grade steel**

Item				
No.	mm	Inch	Pkg.	lbs.
<b>32951</b>	160	6.3	1	.22

Meets VDE, EN/IEC, ASTM, CSA, NFPA standards




**NEW**

With Wire Puller Slot

**61630 Insulated Inch & Metric Folding Ruler**


10,000Volt Tested/1000Volt Rated. Inch & Metric deep embossed scales. 10 folding sections. 30% fiberglass reinforced polyimide.

Item						
No.	Meter	Inch	Sections	Increments	lbs.	pkg.
<b>61630</b>	2	78"	10	1/16 & 1mm	.31	1



**Insulated Water Pump Pliers**



 **1000volt**

**32954 Insulated Industrial Water Pump Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA,  up to 1000 Volt. Individually Tested.**

10 opening settings provides optimal adjustment to objects being gripped. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Black finish.

Item	↔	↔	Capacities			
No.	mm	Inch	Round	Hex	Pkg.	wt.
<b>32954</b>	250	10.0	1 3/4	2	1	.90



Rapid & simple push button setting & locking



 **1000volt**

**32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, Individually Tested.**

Extra narrow head for working in small spaces. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened & tempered.

Item	↔	↔	Capacities			
No.	mm	Inch	Round	Hex	Pkg.	wt.
<b>32956</b>	250	10.0	1 3/4	2"	1	.90

## Insulated Industrial Pliers & Cutters

Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards



**10,000 Volt Tested**  
**1000V RATED**

Industrial brushed finish

1000V

Induction hardened jaws and cutters to 64 HRC

Ergo comfort grip with slip guard

Two component ergo cushion grip handles

40% Less Effort  
Dynamicjoint

New dynamic joint provides 40% easier cuts & significantly longer tool life

## Insulated Long Nose Pliers With Cutters



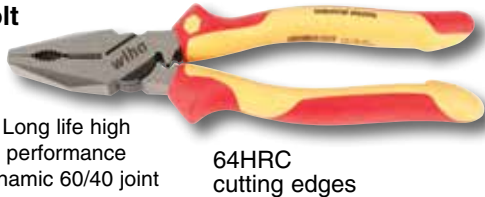
1000volt

**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 No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
32926	160	6.3	#10	1	.36
32923	200	8.0	#8	1	.46

## Insulated Lineman's Pliers With Crimpers

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

## Insulated High Leverage Diagonal Cutters



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 No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
32939	200	8.0	#4	1	.66

## Insulated NE Style Lineman's Pliers



**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 Diagonal Cutters



Long life high performance dynamic 60/40 joint

1000volt

**329** Insulated Industrial Diagonal Cutters. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000Volt Rated. Individually Tested. DIN ISO 5749 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. Special tool steel hardened & tempered. For soft, medium hard wire & piano wire.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
32933	160	6.3	#6	1	.64
32929	200	8.0	#6	1	.80

**Insulated Combo Pliers With Dynamic Joint**


 1000volt



Long life high performance dynamic 60/40 joint



**32930 Insulated Industrial High Leverage Combination Pliers.**

Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard.


Item	↔	↔	Cutting Capacity		📦	⚖️
No.	mm	Inch	Copper	AWG	Pkg.	wt.
32930	200	8.0	#4		1	.92

**Insulated TriCut Strippers & Cutters**

 1000volt



**32944 Insulated Industrial TriCut Strippers & Cutters. Insulation**

According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.

Induction hardened cutters & strippers. Cuts cable, strips cable, strips wire leads. Unique 3 in 1 design provides faster combined cutting and stripping. Strips AWG sizes #10 & #14.


Item	↔	↔	📦	⚖️	
No.	mm	Inch	AWG	Pkg.	wt.
32944	170	6.7	#6	1	.58

**Insulated Heavy Duty Cable Cutters**

 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

**Insulated Crimpers**

 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	mm2	AWG	Pkg.	wt.
32945	180	7.0	0.25-2.5	6-30	1	.64

**Insulated Stripping Pliers**

 1000volt



**32947 Insulated Industrial Stripping Pliers. Insulation According**

to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000Volt Rated. Individually Tested. DIN ISO 5745

Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 64HRC. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item	↔	↔	Stripping Capacity		📦	⚖️
No.	mm	Inch	Copper	AWG	Pkg.	wt.
32947	160	6.3	#8 - #28		1	.46



## Insulated Industrial BiCut SuperCut



Cutting capacity up to 3mm hardened piano wire



⚡ 1000volt



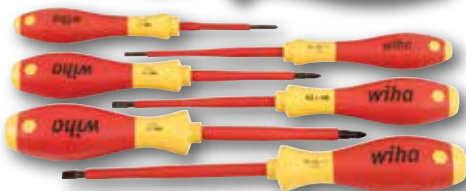
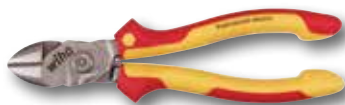
- Double the power at the press of a button
- BiCut does the job of two pairs of pliers
- Up to 50% less hand strength required for cutting
- Cutting force doubled for extremely hard materials
- Easily switch between two strengths in one-handed operation

**32936 Insulated Industrial BiCut SuperCut. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 Volt. Individually Tested.** Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Drop forged of high C70 steel. For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item No.	mm	Inch	Pkg.	lbs.
32936	200	8.0	1	.78

## Insulated BiCut SuperCut & Screwdriver Set

Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards



⚡ 1000volt

### 32942 7 Pc. Insulated Industrial BiCut SuperCut & Screwdrivers

Ergonomic two component molded grips. 10,000 Volt tested

Item No.	Insulated BiCut SuperCut:
32942	8.0"/200mm BiCut SuperCut
Insulated Cushion Grip Screwdrivers:	
lbs.	Phillips: #0, #1, #2
1.86	Slotted: 3.0, 4.5, 5.5mm

## Wiha Insulated Industrial Tool Sets



Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards

Individually Tested

⚡ 1000Volt

### 32981 3 Pc. Insulated Industrial Pliers & Cutters

Item No.	Insulated Pliers & Cutters
32981	8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters
	lbs. 2.18



Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards

Individually Tested

⚡ 1000Volt

### 32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers

Item No.	Insulated Diagonal Cutters & Screwdrivers
32983	6.3"/160mm Diagonal Cutter
	Insulated Drivers: Slotted: 3.0, 4.5mm • Phillips: #1, #2
	lbs. 1.17



Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards

Individually Tested

⚡ 1000Volt

### 32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers

Item No.	Insulated Combination Pliers & Screwdrivers
32984	8.0" Combination Pliers & 8" Long Nose Pliers
	Drivers: Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2
	lbs. 2.06



## Wiha Insulated Industrial Tool Sets

In Roll  
Out  
Pouch



⚡ 1000Volt



**32986 11 Pc. Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch**  
**Item# 32986 Set Includes:** ⚡ lbs. 3.62

6.3" Long Nose Pliers	6.3" Diagonal Cutters
8.0" Combination Pliers	6.3" Stripping Pliers
Insulated Slotted: 3.0, 4.5, 5.5mm	
Insulated Phillips: #1, #2	Insulated Square: #1, #2

In Roll  
Out  
Pouch



⚡ 1000Volt



**32987 8 Pc. Pliers & Cutters Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch**  
**Item# 32987 Set Includes:** ⚡ lbs. 5.52

6.3" Long Nose Pliers	6.3" Diagonal Cutters
8.0" Long Nose Pliers	8.0" H.D. Diagonal Cutters
9.0" Lineman's w/Cutters	6.3" Stripping Pliers
8.0" Cable Cutters	7.0" Crimpers

⚡ 1000Volt



In Roll  
Out  
Pouches



**32988 22 Pc. Pliers & Cutters Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouches**  
**Item# 32988 Set Includes:** ⚡ lbs. 5.74

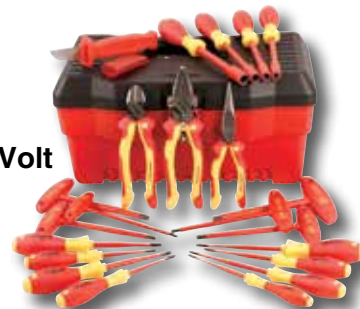
8.0" Long Nose Pliers	6.3" Diagonal Cutters
9.0" Lineman's w/Cutters	8.0" H.D. Diagonal Cutters
8.0" Cable Cutters	6.3" Stripping Pliers
7.0" Crimping Pliers	
15 Pc. SlimLine Blade Set includes: Insulated SlimLine Blade Holder	
Slotted: 3.0, 4.0, 5.5, 6.5	Phillips: #1, #2 Xeno: #1, #2
<b>TORX</b> : T8, T10, T15, T20	Square: #1, #2

⚡ 1000Volt



**32973 22 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In molded tool box**  
**Item# 32973 Set Includes:** ⚡ lbs. 8.70

9.0" Linemans Pliers W/Cutters	8.0" Long Nose Pliers W/Cutter
8.0" Diagonal Cutters	50mm Cable Stripping Knife
Insulated Slim Phillips: #1, 2	Insulated Slim Slotted: 3.5, 4.5mm
Insulated Slim Xeno: #1, 2	Insulated Slim Square: #1, 2
Insulated T-handle Hex Inch: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	
Insulated Inch Nut Drivers: 3/8, 7/16, 1/4, 5/16"	



Now in  
canvas  
tool bag

⚡ 1000Volt



**32390 11 Pc. Pliers & Driver 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# 32390 Set Includes:** ⚡ lbs. 6.30

8.0" Linemans Pliers	6.3" Long Nose Pliers W/Cutter
8.0" Long Nose Pliers W/Cutter	6.3" Diagonal Cutter
8.0" High Leverage Cutter	
Insulated Phillips: #0, 1, 2	Insulated Slotted: 3.0, 4.5, 6.5mm



⚡ 1000Volt

**32399 10 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas zipper pouch**  
**Item# 32399 Set Includes:** ⚡ lbs. 5.74

8.0" Linemans Pliers	8.0" Long Nose Pliers W/Cutter
8.0" Diagonal Cutter	6.3" Wire Stripper
10.0" Adjustable Pliers	
Insulated Phillips: #1, 2	Insulated Slotted: 3.0, 4.5, 6.5mm





## No Hassle Guarantee

Wiha branded tools are regarded as the most durable, best designed and highly innovative products around. Our tools are used by demanding professional tradespeople and tool aficionados alike. They are meant to be used and utilized often. However, if you are not happy for any reason return them within 12 months of purchase with proof of purchase and we will **Repair** or **Replace**.

Rest assured, if for some reason there is a defect in material or workmanship we will replace your tool free of charge for as long as you own the tool.

Failures due to misuse, abuse or normal wear and tear are not covered by this guarantee. We stand by our products with what we believe is the best **No Hassle Guarantee** in the industry.

## Exclusions

Wiha Tools has the right to exclude Bits, Tweezers and Ceramic Screwdrivers. These products are either consumable or wear easily.

All torque tools are designed for 5,000 cycles or 1 year (whichever comes first). If a tool becomes out of specification within that period Wiha Tools will **Repair** or **Replace**. Visit [www.wihatools.com](http://www.wihatools.com) to learn more about our Torque Control Service Program.

## Legal

Some areas do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This guarantee gives you specific rights, and you may also have other rights, which vary, from state to state, province to province, or country to country.


This **No Hassle Guarantee** is the sole and exclusive guarantee for the Willi Hahn Corporation dba Wiha Tools. No employee, agent, dealer, or other person is authorized to alter this guarantee or make any other guarantees on behalf of Wiha Tools.

Willi Hahn Corporation USA  
Attn: No Hassle Guarantee  
1348 Dundas Circle  
Monticello, MN 55362  
800-494-6104

### Numerical Index by Item Number

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
10250	37	20022	4	21094	6	28391	18	31391	9
11950	13	20024	4	21095	6	28392	18	31394	10
11960	14	20027	4	21096	6	28393	17	31395	10
11975	14	20030	4	21103	38	28394	17	31425	10
11980	14	20032	4	21105	38	28395	17	31428	10
12326	13	20091	4	21208	5	28396	17	31429	10
12327	11	20093	4	21210	5	28398	18	31430	10
12851	10	20131	4	21212	5	28399	18	31431	10
12852	11	20133	4	21213	5	28724	17	31432	10
12853	13	20135	4	21214	5	28726	17	31433	10
12854	10	20136	4	21217	5	28727	17	31434	10
12855	10	20137	4	21219	5	28734	17	31435	10
12856	11	20138	4	21290	5	28736	17	31436	10
12857	11	20140	4	21325	5	28738	17	31437	10
12858	13	20141	4	21327	5	28740	16	31438	10
12859	13	20142	4	21329	5	28741	16	31439	10
13650	8	20144	4	21331	5	28742	16	31450	9
13651	8	20145	4	21333	5	28750	16	31460	9
13652	8	20146	4	21335	5	28751	16	31491	11
13653	8	20147	4	21391	5	28752	16	31493	11
13654	8	20148	4	25500	25	28791	16	31495	11
13655	8	20149	4	25511	25	28792	16	31496	11
13656	8	20151	4	28301	18	29006	10	31506	10
13657	8	20154	4	28302	17,18	29009	11	31507	10
13658	8	20190	4	28304	18	29012	13	31508	10
13659	8	20192	4	28307	19	29240	13	31509	10
13662	8	20194	5	28308	19	29250	13	31510	10
13663	8	20196	5	28309	19	30114	16	31511	10
13664	8	21008	6	28310	19	30138	16	31512	10
13665	8	21009	6	28312	19	30152	16	31513	10
13666	8	21010	6	28315	19	30190	16	31514	10
13667	8	21011	6	28317	19	30192	16	31515	10
13668	8	21012	6	28319	19	30700	25	31516	10
13669	8	21013	6	28320	19	30701	25	31517	10
13670	8	21014	6	28321	19	30711	25	31518	10
13671	8	21015	6	28327	19	30712	25	31519	10
13672	8	21017	6	28329	19	30746	20	31520	10
13673	8	21019	6	28330	19	30747	20	31521	10
13690	8	21020	6	28331	19	30770	21	31522	10
13691	8	21022	6	28332	19	31326	9	31524	10
13693	8	21024	6	28333	19	31327	9	31590	11
13694	8	21027	6	28334	19	31328	9	31592	11
15000	7	21030	6	28335	19	31329	9	31595	11
15003	7	21032	6	28336	19	31330	9	31608	12
15050	7	21040	6	28337	19	31331	9	31609	12
19767	13	21042	6	28338	19	31332	9	31610	12
20006	4	21044	6	28339	19	31333	9	31611	12
20007	4	21046	6	28340	19	31334	9	31612	12
20008	4	21048	6	28341	19	31335	9	31613	12
20009	4	21050	6	28342	19	31336	9	31614	12
20010	4	21052	6	28343	19	31337	9	31615	12
20011	4	21054	6	28344	19	31338	9	31616	12
20012	4	21056	6	28346	19	31339	9	31617	12
20013	4	21057	6	28347	19	31340	9	31618	12
20014	4	21058	6	28350	17	31341	9	31619	12
20015	4	21060	6	28366	17	31342	9	31620	12
20016	4	21062	6	28367	17	31343	9	31621	12
20017	4	21064	6	28368	17	31344	9	31622	12
20018	4	21066	6	28369	17	31345	9	31623	12
20019	4	21068	6	28371	17	31350	9	31624	12
20020	4	21093	6	28390	18	31390	9	31626	12

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
31627	12	32046	20	32288	26	32835	37	32985	43
31628	12	32049	20	32291	26	32836	37	32986	44
31630	12	32052	20	32292	26	32837	35	32987	44
31632	12	32055	20	32293	26	32838	37	32988	44
31650	9	32058	20	32294	26	32841	36	32989	43
31691	12	32079	21	32296	26	32850	39	32990	28
31694	12	32085	20	32302	24	32852	39	32999	43
31703	12	32087	25	32303	24	32854	39	33441	15
31704	12	32088	20	32304	24	32856	34	33443	15
31705	12	32089	25	32305	24	32857	34	33445	15
31707	12	32090	22	32306	24	32858	34	33447	15
31708	12	32091	23	32308	24	32860	37	33449	15
31709	12	32092	23	32366	24	32861	37	33478	15
31710	12	32093	23	32390	44	32862	35	33481	15
31712	12	32094	23	32399	44	32863	35	33482	15
31713	12	32095	23	32400	25	32864	35	33483	15
31714	12	32100	22	32401	25	32865	34	33485	15
31715	12	32101	22	32402	25	32867	33	33486	15
31716	12	32102	22	32403	25	32868	33	33487	15
31718	12	32103	22	32505	24	32869	33	33490	15
31720	12	32104	22	32511	24	32870	38	33532	22
31722	12	32105	22	32512	20	32871	28	33632	15
31790	12	32106	20	32513	20	32872	28	33634	15
31792	12	32107	20	32514	20	32873	28	33637	15
31805	9	32108	20	32515	20	32874	31	33641	15
31807	9	32145	20	32516	24	32875	28	35811	24
31809	9	32146	20	32517	20	32876	30	35812	24
31811	9	32188	23	32518	20	32877	30	35844	20
31813	9	32189	21	32519	20	32878	31	35845	20
31815	9	32190	23	32521	24	32879	31	35890	24
31817	9	32192	23	32526	24	32886	28	35891	24
31830	9	32196	21	32531	24	32888	32	38006	27
31832	9	32197	21	32536	24	32889	33	38007	27
31834	9	32198	21	32541	24	32891	32	38025	27
31836	9	32199	25	32546	24	32892	32	38050	27
31838	9	32206	26	32551	24	32894	32	38051	27
31840	9	32209	26	32556	24	32895	32	40800	13
31842	9	32212	26	32561	24	32896	31	61630	39
31844	9	32215	26	32566	24	32899	33	75205	14
31890	9	32218	26	32590	24	32917	40	75210	14
32000	20	32221	26	32592	24	32923	40	75215	14
32001	20	32224	26	32596	21	32926	40	75220	14
32002	20	32227	26	32800	29	32927	41	75302	14
32003	20	32230	26	32801	29	32929	40	75304	14
32004	20	32233	26	32804	38	32930	41	76208	7
32005	22	32236	26	32806	38	32933	40	76210	7
32010	22	32238	26	32807	38	32936	42	76212	7
32012	22	32239	26	32808	38	32938	40	76215	7
32015	22	32240	26	32810	38	32939	40	76290	7
32017	22	32241	26	32814	36	32942	42	91230	39
32023	22	32255	26	32816	36	32944	41	91256	38
32024	22	32258	26	32818	36	32945	41		
32025	22	32261	26	32820	36	32947	41		
32026	22	32264	26	32821	36	32951	39		
32027	22	32267	26	32826	37	32954	39		
32028	22	32268	26	32828	37	32956	39		
32031	22	32270	26	32830	37	32973	44		
32034	22	32273	26	32831	36	32981	42		
32039	22	32276	26	32832	37	32982	43		
32042	22	32278	26	32833	35	32983	42		
32045	22	32280	26	32834	37	32984	42		

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www.wihatools.com

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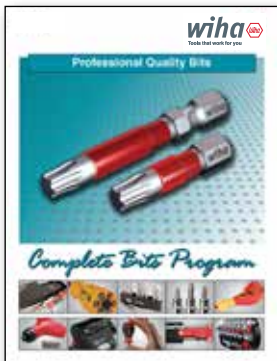
1348 Dundas Circle  
Monticello, MN 55362  
tel: 763.295.6591  
fax: 763.295.6598

**Wiha Tools Canada Ltd.**

www.wihatools.ca  
Brampton, ONT L6T 4X4  
tel: 866.494.0096 or 763.295.6591  
fax: 763.295.6598



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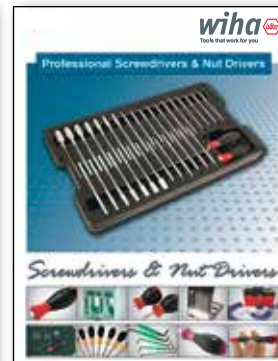
99951.wo - Bits Catalog



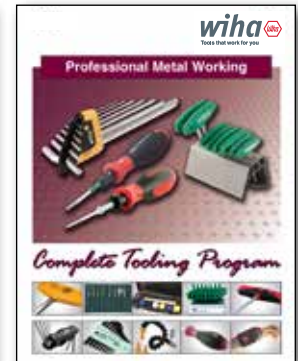
99004.wo - Shop Tools Catalog



99914.wo - TORX Catalog



99002.wo - Screwdrivers Catalog



91330.wo - Tooling Catalog



99001.wo - TorqueControl Catalog



99934.wo - Hex Tools Catalog



99006.wo - Tech Tools Catalog



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