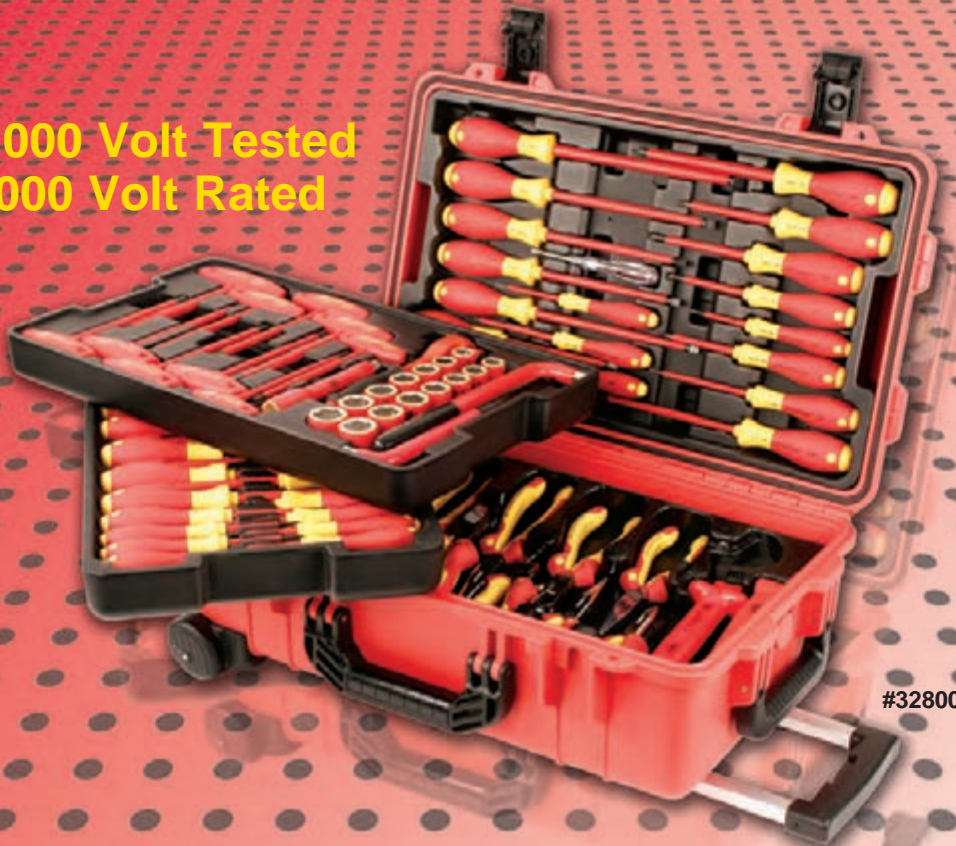


2013



# Complete Insulated Program

10,000 Volt Tested  
1000 Volt Rated



#32800

**Professional Insulated Tools**  
Supporting Arc Flash Protection



## Arc Flash Protection:

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

### ARC FLASH

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

### WHY ARC FLASHES HAPPEN

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

### ARC FLASH COMPLIANCE

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

1. OSHA Standards 29CFR, Part 1910. Occupational Safety and Health Standards. 1910 sub part S (electrical) Standard number 1910.333 specifically addresses Standards for Work Practices and references NFPA 70E. OSHA 29CFR 1910.335 (a) (1)(i) requires the use of protective equipment when working where a potential electrical hazard exists and 29CFR 1910.132(d)(1) which requires the employer assess the workplace for hazards and the need for personal protective equipment. OSHA compliance is required by any plant building or facility.

2. The National Fire Protection Association (NFPA) Standard 70 - 2002 "The National Electrical Code" (NEC) contains requirements for warning labels.

3. NFPA 70E provides guidance on implementing appropriate work practices that are required to safeguard workers from injury while working on or near exposed electrical conductors or circuit parts that could become energized. Part II 2-1.3.3 regarding Arc Flash Analysis states that a "Flash Hazard Analysis shall be done before a person approaches any exposed electrical conductor or circuit part that has not been placed in an electrical safe work condition". This Arc Flash Hazard Analysis must be done to determine the level of Personal Protection Equipment (PPE) that a worker must use, and the Arc Flash Boundary in inches along with the incident energy found at each location. Each panel must be marked with an ANSI z535 approved Arc Flash Warning Label.

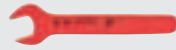
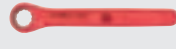
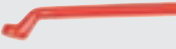
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarflash.com>


### 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 Gear Wrenches	6
 Ins. Offset Ring Wrenches	7


## Wiha Insulated Adjustable Wrenches

Description	Page
 Insulated Adjustable Wrenches 8.0, 10.0, 12.0, 15.0"	8

## Wiha Insulated L-keys

Description	Page
 Insulated L-keys	9



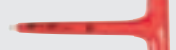

## Wiha Insulated 3/8" Hex Drive Bit Sockets

Description	Page
 Ins. 3/8" Hex Dr. Bit Sockets	10


## Wiha Insulated Electrician's Knives

Description	Page
 Insulated Knives	8

## Wiha Insulated Socket Accessories

Description	Page
 Insulated Sockets 1/4, 3/8, 1/2"	10-14
 Insulated Ratchets	10,13,15
 Insulated T-handle	10,13,15
 Insulated Extension Bars	11,13,15

## Wiha Insulated Cable Cutters

Description	Page
 Insulated Cable Cutters	15



**Wiha Insulated Hacksaw**

Description	Page
 Insulated Hacksaw	15


**Wiha Insulated Multi-Bit Holders**

Description	Page
 Insulated Multi-Bit Drivers	18


**Wiha Insulated SlimLine Tools**

Description	Page
 Insulated <i>SlimLine</i> Handle	19
 Insulated <i>SlimLine</i> Blades	19-20
 Insulated <i>SlimLine</i> Blade Sets	20
 Insulated <i>SlimLine</i> Drivers	21
 Insulated <i>SlimLine</i> Driver Sets	22


**Wiha Insulated BitFlip Sets**

Description	Page
 Insulated BitFlip Sets	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 Inomic Pliers**

Description	Page
 Insulated Inomic Pliers	37
Inomic Combo Pliers	
Inomic Long Nose Pliers	
Inomic Diagonal Cutters	










**Wiha Insulated Industrial Pliers/Cutters**

Description	Page
 Insulated Industrial Pliers/Cutters	38-41

**Wiha Insulated Tools**

Description	Page
 Xeno Terminal Block Combination Screwdrivers	26
 Insulated TorqueControl Handle & Blade Holder	18
 Insulated Single-Pole Voltage Detector	26
 Insulated Hex Inch/Metric T-handles	17
 Insulated Slotted Drivers	23-24
 Insulated Phillips Drivers	23-24
 Insulated Torx Drivers	26
 Insulated Nut Drivers	25-26
 Insulated Square Tip Drivers	24
 Retaining Ring Bit Holder	27
 Insulated Tweezers	16

**Wiha Insulated 1000Volt Pliers/Cutters**

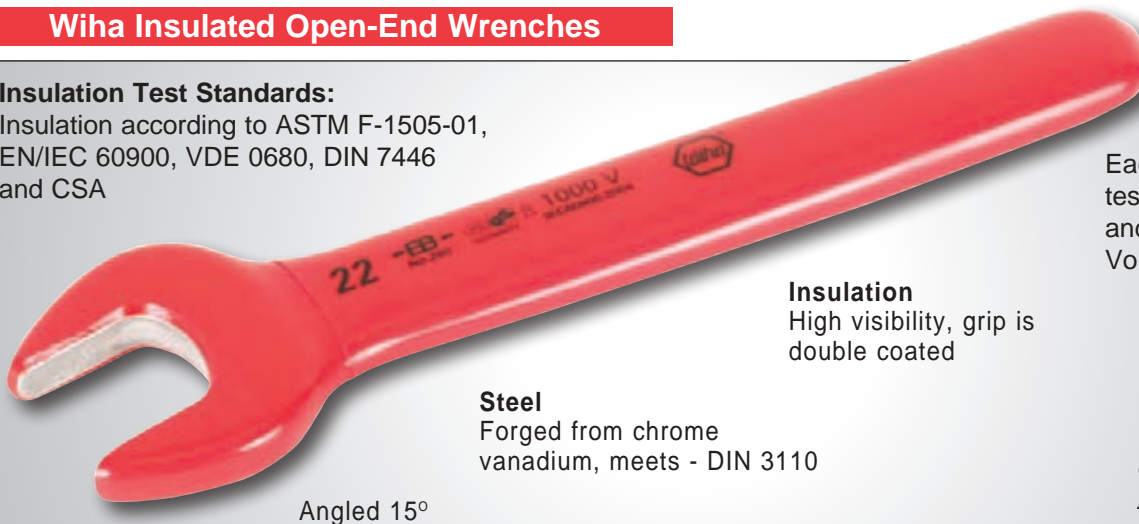
Description	Page
 Insulated Lineman's Pliers	34
 Insulated Combination Pliers	34
 Insulated Heavy Duty Diagonal Cutters	35
 Insulated Serrated Edge Cable Cutter	35
 Insulated Bent Nose Pliers	36
 Insulated Long Nose Pliers	36
 Insulated Round Nose Pliers	36
 Insulated Stripping Pliers	36
 Insulated Pliers Sets	29-33



**Wiha Insulated Open-End Wrenches**

**Insulation Test Standards:**

Insulation according to ASTM F-1505-01, EN/IEC 60900, VDE 0680, DIN 7446 and CSA

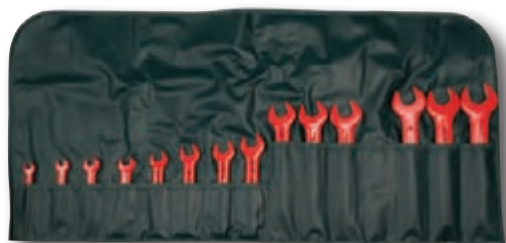


Each tool individually tested to 10,000 volts and certified to 1000 Volt ac or 1500 Volt dc

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

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

Angled 15°



1000Volt



1000Volt

**WH20190 14 Piece Insulated Inch Open End Wrench Set**

Item No.	Size	OAL	Item No.	Size	OAL	Weight
	Inch	Inch		Inch	Inch	lbs.
WH20133	5/16	3.9	WH20142	3/4	7.0	5.70
WH20135	3/8	4.1	WH20144	13/16	7.5	
WH20136	7/16	4.6	WH20145	7/8	7.6	
WH20137	1/2	5.5	WH20146	15/16	7.9	
WH20138	9/16	5.7	WH20147	1	8.4	
WH20140	5/8	6.2	WH20148	1-1/16	9.2	
WH20141	11/16	6.5	WH20149	1-1/8	9.1	

**WH20091 15 Piece Insulated Metric Open End Wrench Set**

Item No.	Size	OAL	Item No.	Size	OAL	Weight
	mm	mm		mm	mm	lbs.
WH 20006	6.0	97	WH 20014	14	150	3.0
WH 20007	7.0	98	WH 20015	15	151	
WH 20008	8.0	104	WH 20016	16	164	
WH 20009	9.0	108	WH 20017	17	162	
WH 20010	10.0	107	WH 20019	19	178	
WH 20011	11.0	118	WH 20022	22	196	
WH 20012	12.0	129	WH 20024	24	211	
WH 20013	13.0	137				



1000Volt



1000Volt

**WH20192 8 Piece Insulated Inch Open End Wrench Set**

Item No.	Size	OAL	Item No.	Size	OAL	Weight
	Inch	Inch		Inch	Inch	lbs.
WH20133	5/16	3.9	WH20138	9/16	5.7	1.59
WH20135	3/8	4.1	WH20140	5/8	6.2	
WH20136	7/16	4.6	WH20141	11/16	6.5	
WH20137	1/2	5.5	WH20142	3/4	7.0	

**WH20093 8 Piece Insulated Metric Open End Wrench Set**

Item No.	Size	OAL	Item No.	Size	OAL	Weight
	mm	mm		mm	mm	lbs.
WH 20006	6.0	97	WH 20013	13.0	137	1.4
WH 20007	7.0	98	WH 20014	14.0	150	
WH 20008	8.0	104	WH 20017	17.0	162	
WH 20010	10.0	107	WH 20019	19.0	178	



**1000Volt**

**WH201** 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.	Ø	OAL	OAL	↔	Ⓜ
	Inch	mm	Inch	lbs.	pkg.
WH20131	1/4	87.5	3.4	.04	1
WH20133	5/16	100	3.9	.05	1
WH20135	3/8	105	4.1	.09	1
WH20136	7/16	117	4.6	.09	1
WH20137	1/2	140	5.5	.15	1
WH20138	9/16	146	5.7	.15	1
WH20140	5/8	158	6.2	.20	1
WH20141	11/16	165	6.5	.23	1
WH20142	3/4	178	7.0	.33	1
WH20144	13/16	191	7.5	.42	1
WH20145	7/8	192	7.6	.44	1
WH20146	15/16	201	7.9	.51	1
WH20147	1	213	8.4	.61	1
WH20148	1-1/16	233	9.2	.79	1
WH20149	1-1/8	233	9.2	.77	1

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



**1000Volt**

**WH200** Metric 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.	Ø	OAL	OAL	↔	Ⓜ
	mm	mm	Inch	lbs.	pkg.
WH20006	6.0	97	3.8	.04	1
WH20007	7.0	98	3.9	.05	1
WH20008	8.0	104	4.1	.07	1
WH20009	9.0	108	4.3	.07	1
WH20010	10.0	107	4.2	.08	1
WH20011	11.0	118	4.6	.11	1
WH20012	12.0	129	5.1	.11	1
WH20013	13.0	137	5.4	.19	1
WH20014	14.0	150	5.9	.19	1
WH20015	15.0	151	5.9	.17	1
WH20016	16.0	164	6.5	.22	1
WH20017	17.0	168	6.4	.24	1
WH20018	18.0	173	6.8	.41	1
WH20019	19.0	178	7.0	.32	1
WH20020	20.0	190	6.9	.36	1
WH20022	22.0	196	7.7	.39	1
WH20024	24.0	211	8.3	.58	1
WH20027	27.0	218	8.6	.68	1
WH20030	30.0	235	9.3	.97	1
WH20032	32.0	237	9.3	1.01	1

**1000Volt**



In Tool Box Tray

**WH20194** 13 Piece Insulated Inch Open End Wrench Set

In Tool Box Tray

Item No.	Ø	OAL	↔	Ø	OAL	↔
	Inch	Inch	lbs.	Inch	Inch	lbs.
WH20194 WH 20131	1/4	3.4		WH20141 11/16	6.5	4.90
WH 20133	5/16	3.9		WH20142 3/4	7.0	
WH 20135	3/8	4.1		WH20144 13/16	7.5	
WH 20136	7/16	4.6		WH20145 7/8	7.6	
WH 20137	1/2	5.5		WH20146 15/16	7.9	
WH 20138	9/16	5.7		WH20147 1	8.4	
WH 20140	5/8	6.2				

In Tool Box Tray



**1000Volt**

**WH20196** 13 Pc. Insulated Metric Open End Wrench Set

In Tool Box Tray

Item No.	Ø	OAL	↔	Ø	OAL	↔
	mm	mm	lbs.	mm	mm	lbs.
WH20196 WH 20008	8.0	104		WH 20016	16.0	164
WH 20010	10.0	107		WH 20017	17.0	168
WH 20011	11.0	118		WH 20018	18.0	173
WH 20012	12.0	129		WH 20019	19.0	178
WH 20013	13.0	137		WH 20022	22.0	196
WH 20014	14.0	150		WH 20024	24.0	211
WH 20015	15.0	151				



**Wiha Insulated Ratchet Wrenches**

**Insulation Test Standards:**

Insulation according to ASTM F-1505-01, EN/IEC 60900, ISO 3110 and CSA Specification



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

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



**1000Volt**

**1000Volt**

**WH213** 1/2 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.
WH21325	3/8	140	5.5	.14	1
WH21327	7/16	143	5.6	.15	1
WH21329	1/2	154	6.1	.18	1
WH21331	9/16	162	6.4	.22	1
WH21333	5/8	177	7.0	.30	1
WH21335	3/4	209	8.2	.46	1

**WH212** 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.	⌀	OAL	OAL	⚡	📦
	mm	mm	Inch	lbs.	pkg.
WH21208	8.0	125	4.9	.08	1
WH21210	10.0	140	5.5	.12	1
WH21212	12.0	150	5.9	.18	1
WH21213	13.0	152	6.0	.18	1
WH21214	14.0	163	6.4	.22	1
WH21217	17.0	193	7.6	.38	1
WH21219	19.0	210	8.3	.45	1



**1000Volt**

**WH21391** 6 Piece Inch Insulated Ratchet Wrenches Set

Item No.	⌀	OAL	⌀	OAL	⚡		
	Inch	Inch	Inch	Inch	lbs.		
WH21391	WH21325	3/8	5.5	WH21331	9/16	6.4	1.95
	WH21327	7/16	5.6	WH21333	5/8	7.0	
	WH21329	1/2	6.1	WH21335	3/4	8.2	



**1000Volt**

**WH21290** 7 Piece Metric Insulated Ratchet Wrenches Set

Item No.	⌀	OAL	⌀	OAL	⚡		
	mm	mm	mm	mm	lbs.		
WH21290	WH21208	8.0	4.9	WH21214	14.0	6.4	2.10
	WH21210	10.0	5.5	WH21217	17.0	7.6	
	WH21212	12.0	5.9	WH21219	19.0	8.3	
	WH21213	13.0	6.0				

## Wiha Insulated Deep Offset Ring Wrenches

### Insulation Test Standards:

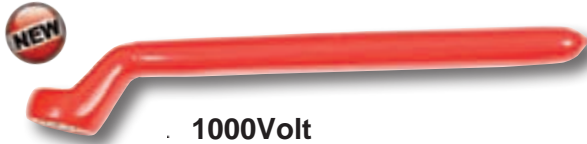
Insulation according to ASTM F-1505-01, EN/IEC 60900, ISO 3110 and CSA Specification



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**

**WH210** 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.		OAL mm	OAL Inch		
WH21008	8.0	159	6.3	.16	1
WH21009	9.0	159	6.3	.18	1
WH21010	10.0	171	6.8	.20	1
WH21011	11.0	178	7.0	.22	1
WH21012	12.0	191	7.5	.30	1
WH21013	13.0	194	7.6	.30	1
WH21014	14.0	203	8.0	.34	1
WH21015	15.0	203	8.0	.34	1
WH21017	17.0	219	8.6	.44	1
WH21019	19.0	241	9.5	.52	1
WH21020	20.0	250	9.8	.58	1
WH21022	22.0	257	10.1	.64	1
WH21024	24.0	279	11.0	.90	1
WH21027	27.0	286	11.3	.96	1
WH21030	30.0	311	12.3	1.28	1
WH21032	32.0	318	12.5	1.38	1



**1000Volt**

**WH21093** 15 Piece **Metric** Insulated Offset Ring Wrenches Set

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



**WH21095** 8 Piece **Metric** Insulated Offset Ring Wrenches Set

Item No.	<b>Metric:</b>	
WH21095	10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0mm	3.20



**1000Volt**

**WH210** Insulated **Inch** Offset Ring Wrenches

Item No.			
WH21040	1/4	.16	1
WH21042	5/16	.18	1
WH21044	3/8	.20	1
WH21046	7/16	.22	1
WH21048	1/2	.30	1
WH21050	9/16	.30	1
WH21052	5/8	.34	1
WH21054	11/16	.34	1
WH21056	3/4	.44	1
WH21057	25/32	.58	1
WH21058	13/16	.52	1
WH21060	7/8	.64	1
WH21062	15/16	.90	1
WH21064	1.0	.96	1
WH21066	1-1/16	1.28	1
WH21068	1-1/4	1.38	1



**1000Volt**

**WH21094** 15 Piece **Inch** Insulated Offset Ring Wrenches Set

Item No.	<b>Inch:</b>
	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/4"
lbs. 8.70	



**WH21096** 8 Piece **Inch** Insulated Offset Ring Wrenches Set

Item No.	<b>Inch:</b>	
WH21096	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"	3.20

## Wiha Insulated Adjustable Wrenches



1000Volt

### WH76208 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.
WH76208	8.0	200	1"	.7	1

1000Volt

### WH76210 Insulated 10" 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.
WH76210	10.0	250	1-1/4"	1.4	1

1000Volt

### WH76212 Insulated 12" 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.
WH76212	12.0	300	1-1/2"	1.9	1

1000Volt

### WH76215 Insulated 15" 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.
WH76215	15.0	380	1-11/16"	2.8	1

1000Volt

WH76290 3 Pc. Insulated Adjustable Wrenches Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	Set includes the following:
WH76290	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 1000 Volt ac or 1500 Volt dc



1000Volt

WH15000 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.
WH15000	50	216	8.5	.30	1



1000Volt

WH15003 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.
WH15003	50	230	9.0	.23	1



1000Volt

WH15050 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.
WH15050	35	222	8.75	.22	1



**Wiha Insulated Hex L-keys**

**Insulation Test Standards:**  
Insulation according to ASTM, F-1505-01, EN/IEC 60900 and CSA

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

**1000V**

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

**1000Volt**

**WH136** 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.	
WH13670	1/16	79	3.1	.05	1
WH13671	5/64	84	3.3	.05	1
WH13672	3/32	89	3.5	.05	1
WH13673	7/64	94	3.7	.06	1
WH13663	1/8	104	4.1	.06	1
WH13665	5/32	104	4.1	.06	1
WH13666	3/16	134	5.3	.10	1
WH13667	7/32	134	5.3	.12	1
WH13668	1/4	134	5.3	.16	1
WH13669	5/16	144	5.7	.24	1
WH13662	3/8	234	9.2	.51	1
WH13664	1/2	234	9.2	.77	1

**1000Volt**

**WH136** 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.	
WH13650	1.5	100	3.9	.09	1
WH13651	2.0	105	4.1	.09	1
WH13652	2.5	115	4.5	.09	1
WH13653	3	130	5.1	.10	1
WH13654	4	120	4.7	.10	1
WH13655	5	140	5.5	.10	1
WH13656	6	140	5.5	.13	1
WH13658	8	150	5.9	.24	1
WH13659	10	220	8.7	.51	1
WH13657	12	260	10.2	.77	1



**1000Volt**

**WH13690** 8 Piece Insulated Inch Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight		
	Inch	Inch	Inch	Inch	lbs.		
WH13690	WH13663	1/8	4.1	WH13668	1/4	5.3	2.17
	WH13665	5/32	4.1	WH13669	5/16	5.7	
	WH13666	3/16	5.3	WH13662	3/8	9.2	
	WH13667	7/32	5.3	WH13664	1/2	9.2	

**WH13691** 7 Piece Insulated Metric Hex L-key Set **1000Volt**

Item No.	Hex	OAL	Hex	OAL	Weight		
	mm	mm	mm	mm	lbs.		
WH13691	WH13653	3.0	130	WH13658	8.0	150	2.07
	WH13654	4.0	120	WH13659	10.0	220	
	WH13655	5.0	140	WH13657	12.0	260	
	WH13656	6.0	140				



**1000Volt**

**WH13693** 10 Piece Insulated Metric Hex L-key Set **1000Volt**

Item No.	Hex	OAL	Hex	OAL	Weight		
	mm	mm	mm	mm	lbs.		
WH13693	WH13650	1.5	100	WH13655	5.0	140	2.26
	WH13651	2.0	105	WH13656	6.0	140	
	WH13652	2.5	115	WH13658	8.0	150	
	WH13653	3.0	130	WH13659	10.0	220	
	WH13654	4.0	120	WH13657	12.0	260	

**1000Volt**

**WH13694** 12 Piece Insulated Inch Hex L-key Set **1000Volt**

Item No.	Hex	OAL	Hex	OAL	Weight		
	Inch	Inch	Inch	Inch	lbs.		
WH13694	WH13670	1/16	3.1	WH13666	3/16	5.3	2.40
	WH13671	5/64	3.3	WH13667	7/32	5.3	
	WH13672	3/32	3.5	WH13668	1/4	5.3	
	WH13673	7/64	3.7	WH13669	5/16	5.7	
	WH13663	1/8	4.1	WH13662	3/8	9.2	
	WH13665	5/32	4.1	WH13664	1/2	9.2	

### Wiha Insulated Hex Bit Sockets



1000Volt

**WH318** Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 Specification, Up To 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	Inch	OAL Inch	lbs.	pkg.
WH31805	3/16	3.1"	.13	1
WH31807	7/32	3.1"	.14	1
WH31809	1/4	3.1"	.14	1
WH31811	5/16	3.1"	.16	1
WH31813	3/8	3.1"	.18	1
WH31815	7/16	3.1"	.20	1
WH31817	1/2	3.1"	.22	1

\*Sockets must be used with insulated ratchets & extensions



1000Volt

**WH31890** 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:
WH31890	lbs. 1.7 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"

**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.

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



Inch -  
6 Point

1000Volt

**WH313** Insulated 1/4" Drive Sockets - 6 Point, Insulation According To ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	Inch	lbs.	pkg.
WH31336	3/16	.03	1
WH31337	7/32	.03	1
WH31338	1/4	.03	1
WH31339	9/32	.04	1
WH31340	5/16	.04	1
WH31341	11/32	.05	1
WH31342	3/8	.05	1
WH31343	7/16	.06	1
WH31344	1/2	.07	1
WH31345	9/16	.07	1

\*Sockets must be used with insulated ratchets & extensions



Metric -  
6 Point

1000Volt

**WH313** Insulated 1/4" Drive Sockets - 6 Point, Insulation According To ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	mm	lbs.	pkg.
WH31326	5.0	.03	1
WH31327	6.0	.03	1
WH31328	7.0	.03	1
WH31329	8.0	.04	1
WH31330	9.0	.04	1
WH31331	10.0	.05	1
WH31332	11.0	.05	1
WH31333	12.0	.06	1
WH31334	13.0	.06	1
WH31335	14.0	.07	1

\*Sockets must be used with insulated ratchets & extensions



1000Volt

**WH12851** Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA Chrome-Vanadium steel. Reversible.

Item No.	Inch	OAL mm	OAL Inch	lbs.	pkg.
WH12851	1/4"	140	5.5	.28	1

**Wiha Insulated 1/4" Sockets & Sets**



1000Volt

**WH31390 13 Piece Insulated 1/4" Drive Socket Set - Inch**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

<b>Item No. WH31390</b>	<b>Set includes the following:</b>
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32,
lbs.	3/8, 7/16, 1/2, 9/16"
1.39	1/4" x 50mm Extension Bar
	1/4" x 100mm Extension Bar
	1/4" Ratchet - 140mm



1000Volt

**WH31391 13 Piece Insulated 1/4" Drive Socket Set - Metric**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

<b>Item No. WH31391</b>	<b>Set includes the following:</b>
	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs.	1/4" x 50mm Extension Bar
1.41	1/4" x 100mm Extension Bar
	1/4" Ratchet - 140mm



1000Volt

**WH31394 11 Piece Insulated 1/4" T-handle & Socket Set - Inch**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

<b>Item No. WH31394</b>	<b>Set includes the following:</b>
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32,
lbs.	3/8, 7/16, 1/2, 9/16"
1.40	Insulated 1/4" T-handle



1000Volt

**WH31395 11 Piece Insulated 1/4" T-handle & Socket Set - Metric**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

<b>Item No. WH31395</b>	<b>Set includes the following:</b>
	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs. 1.40	Insulated 1/4" T-handle

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

**Wiha Insulated 1/4" Socket accessories**



1000Volt

**WH29006 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.		OAL	OAL		
	Inch	mm	Inch	lbs.	pkg.
WH29006	1/4"	160	6.2"	.57	1



1000Volt

**WH128 Insulated 1/4" Extension Bars, ASTM F-1505-01, EN/IEC 60900 & CSA** Chrome-Vanadium steel.

Item No.	OAL	OAL		
	Inch	mm	Inch	lbs. pkg.
WH12854	1/4"	50	2.0	.08 1
WH12855	1/4"	100	3.9	.12 1



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



**1000Volt**

**WH314** Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested. CV steel, forged, oil-hardened.

Item			
No.	Inch	lbs.	pkg.
WH31425	1/4	.07	1
WH31428	9/32	.07	1
WH31429	5/16	.07	1
WH31430	11/32	.07	1
WH31431	3/8	.08	1
WH31432	7/16	.08	1
WH31433	1/2	.10	1
WH31434	9/16	.10	1
WH31435	5/8	.10	1
WH31436	11/16	.13	1
WH31437	3/4	.14	1
WH31438	13/16	.17	1
WH31439	7/8	.18	1

\*Sockets must be used with insulated ratchets & extensions



**1000Volt**

**WH315** 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.	pkg.
WH31506	6.0	.07	1
WH31507	7.0	.07	1
WH31508	8.0	.07	1
WH31509	9.0	.07	1
WH31510	10.0	.07	1
WH31511	11.0	.08	1
WH31512	12.0	.10	1
WH31513	13.0	.10	1
WH31514	14.0	.10	1
WH31515	15.0	.10	1
WH31516	16.0	.10	1
WH31517	17.0	.11	1
WH31518	18.0	.12	1
WH31519	19.0	.14	1
WH31520	20.0	.15	1
WH31521	21.0	.17	1
WH31522	22.0	.18	1
WH31524	24.0	.26	1

\*Sockets must be used with insulated ratchets & extensions

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



**1000Volt**

**WH31493** 10 Piece Insulated 3/8" Drive Socket Set - Inch  
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. WH31493 Set includes the following:**

	5/16, 3/8, 7/16, 1/2,
lbs.	9/16, 5/8, 11/16, 3/4"
2.50	3/8" x 125mm Extension Bar
	3/8" Ratchet - 280mm



**1000Volt**

**WH31590** 10 Piece Insulated 3/8" Drive Socket Set - **Metric**  
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. WH31590 Set includes the following:**

	8, 10, 11, 12, 13, 14, 17, 19mm
lbs.	3/8" x 125mm Extension Bar
2.50	3/8" Ratchet - 280mm



**1000Volt**

**WH31491** 16 Piece Insulated 3/8" Drive Socket Set - Inch/**Metric**  
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. WH31491 Set includes the following:**

	5/16, 3/8, 7/16, 1/2,
lbs.	9/16, 5/8, 11/16, 3/4"
2.01	8, 10, 11, 12, 13, 14, 17, 19mm

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



1000Volt

**WH31495 24 Piece Insulated 3/8" Drive Socket Set - Inch**  
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. WH31495 Set includes the following:**  
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

**WH31592 24 Piece Insulated 3/8" Drive Socket Set - Metric**  
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. WH31592 Set includes the following:**  
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

**WH31496 10 Piece Insulated 3/8" T-handle & Socket Set - Inch**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. WH31496 Set includes the following:**

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

lbs. 3/8" x 125mm Extension Bar

2.47 Insulated 3/8" T-handle

**WH31595 10 Piece Insulated 3/8" T-handle & Socket Set - Metric**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. WH31595 Set includes the following:**

8, 10, 11, 12, 13, 14, 17, 19mm

lbs. 3/8" x 125mm Extension Bar

2.47 Insulated 3/8" T-handle

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



1000Volt

**WH12852 Insulated 3/8" Drive Ratchet, EN/IEC 60900**  
Chrome-Vanadium steel. Reversible.

Item No.	Inch	OAL mm	OAL Inch			lbs.	pkg.
WH12852	3/8"	190	7.5	.93	1		



1000Volt

**WH128 Insulated 3/8" Extension Bars, EN/IEC 60900**  
Chrome-Vanadium steel.

Item No.	Inch	OAL mm	OAL Inch			lbs.	pkg.
WH12856	3/8"	125	4.9	.41	1		
WH12857	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 1000 Volt Rated. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.		OAL mm	OAL Inch			lbs.	pkg.
WH29009	3/8"	200	7.9"	.55	1		
WH12327	3/8"	225	9.0"	.68	1		

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



**1000Volt**

**WH317** Insulated 1/2" Drive Sockets - Insulation According to ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt. Individually Tested. CV steel, forged, oil-hardened.

Item		
No.	Inch	lbs. pkg.
WH31703	5/16	.16 1
WH31704	11/32	.16 1
WH31705	3/8	.16 1
WH31707	7/16	.16 1
WH31708	1/2	.16 1
WH31809	9/16	.17 1
WH31710	5/8	.19 1
WH31712	11/16	.19 1
WH31713	3/4	.21 1
WH31714	13/16	.23 1
WH31715	7/8	.27 1
WH31716	15/16	.35 1
WH31718	1	.33 1
WH31720	1-1/8	.44 1
WH31722	1-1/4	.58 1

\*Sockets must be used with insulated ratchets & extensions



Individually Tested



**1000Volt**

**WH316** Insulated 1/2" Drive Sockets - **Metric** Insulation According to VDE, DIN 7448 & CSA Specification, Up To 1000 Volt.

Item		
No.	mm	lbs. pkg.
WH31608	8.0	.15 1
WH31609	9.0	.15 1
WH31610	10.0	.16 1
WH31611	11.0	.16 1
WH31612	12.0	.16 1
WH31613	13.0	.17 1
WH31614	14.0	.17 1
WH31615	15.0	.17 1
WH31616	16.0	.19 1
WH31617	17.0	.19 1
WH31618	18.0	.20 1
WH31619	19.0	.21 1
WH31620	20.0	.25 1
WH31621	21.0	.25 1
WH31622	22.0	.28 1
WH31623	23.0	.29 1
WH31624	24.0	.30 1
WH31626	26.0	.37 1
WH31627	27.0	.41 1
WH31628	28.0	.44 1
WH31630	30.0	.51 1
WH31632	32.0	.55 1

\*Sockets must be used with insulated ratchets & extensions

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



**1000Volt**

**WH31790** 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>WH31790</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
	Insulated 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 1000 Volt ac or 1500 Volt dc**



**Metric 1000Volt**

**WH31691** 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>WH31691</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
	Insulated 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**

**WH12326** Insulated 1/2" Drive Breaker Bar, IEC/EN 60900 & CSA Chrome-Vanadium steel.

Item	OAL	OAL		
No.	Inch	mm	Inch	lbs. pkg.
<b>WH12326</b>	1/2"	250	9.8	1.04 1



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



**1000Volt**

**WH12853 Insulated 1/2" Drive Ratchet, IEC/EN 60900 & CSA**  
 Chrome-Vanadium steel. Reversible.

Item	OAL	OAL	↔	↔
No.	Inch	mm	Inch	lbs. pkg.
WH12853	1/2"	260	10.2	1.55 1



**1000Volt**

**WH128 Insulated 1/2" Extension Bars, EN/IEC 60900 & CSA**  
 Chrome-vanadium steel.

Item	OAL	OAL	↔	↔
No.	Inch	mm	Inch	lbs. pkg.
WH12858	1/2"	125	4.9	.45 1
WH12859	1/2"	250	9.8	.91 1



**1000Volt**

**WH29012 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	OAL	OAL	↔	↔
No.	Inch	mm	Inch	lbs. pkg.
WH29012	1/2	200	7.9"	.68 1

Uses standard 12" blade



**1000Volt**

**WH19767 Hacksaw, With Insulated Handle**  
 Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Item	OAL	OAL	↔	↔
No.	mm	Inch	lbs.	pkg.
WH19767	457mm	18.0"	1.92	1



**1000Volt**

**WH29240 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.
WH29240	240	9.5	7/8"	1.1	1

**Wiha Insulated Cable Cutters**



For cutting solid aluminum & copper conductors

**1000Volt**

**WH11950 Cable Cutter, With Insulated Handle**  
 Insulation According to EN/IEC 60900, ASTM F-1505 & 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.
WH11950	500	19.6	12 1/2"	3.0	1

For cutting multi strand aluminum & copper cables



**1000Volt**

**WH40800 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.
WH40800	800	31.5	50 2"	8.0	1



For cutting solid aluminum, copper & medium hard wires

**1000Volt**

**WH29250 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.
WH29250	250	10	7/8"	1.1	1



**1000Volt**

**WH116 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.  
 Chrome-vanadium steel, drop forged, oil hardened.

Item	OAL	OAL	Capacity	↔	↔
No.	mm	Inch	lbs.	pkg.	
WH11625	250	10.0"	1.2	1	
WH11630	300	12.0"	1.8	1	

**Wiha Insulated Ratcheting Cable Cutters**



**1000Volt**

**WH119** High Voltage Double-Insulated Ratcheting Cable Cutters Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

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 mm	OAL Inch	up to MCM Dia.	Inch	Capacity lbs.	lbs.	pkg.
WH11960	250	10.0"	500	1.25"	32ml	1.58	1
WH11975	280	11.0"	750	2.0"	52ml	2.02	1

**Wiha Insulated Serrated Tweezers**



**1000Volt**

**WH75205** Insulated Serrated Straight Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75205	130	5.0	.06	1



**1000Volt**

**WH75210** Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75210	130	5.0	.08	1



**1000Volt**

**WH75215** Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75215	145	6.0	.10	1

**Wiha Insulated Serrated Tweezers**

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings



Carbon steel with chrome nickel plated

**1000V**

10,000 Volt tested 1000Volt rated



**1000Volt**

**WH75220** Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75220	200	8.0	.18	1



**1000Volt**

**WH75302** Insulated Serrated Angled Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75302	145	6.0	.08	1



**1000Volt**

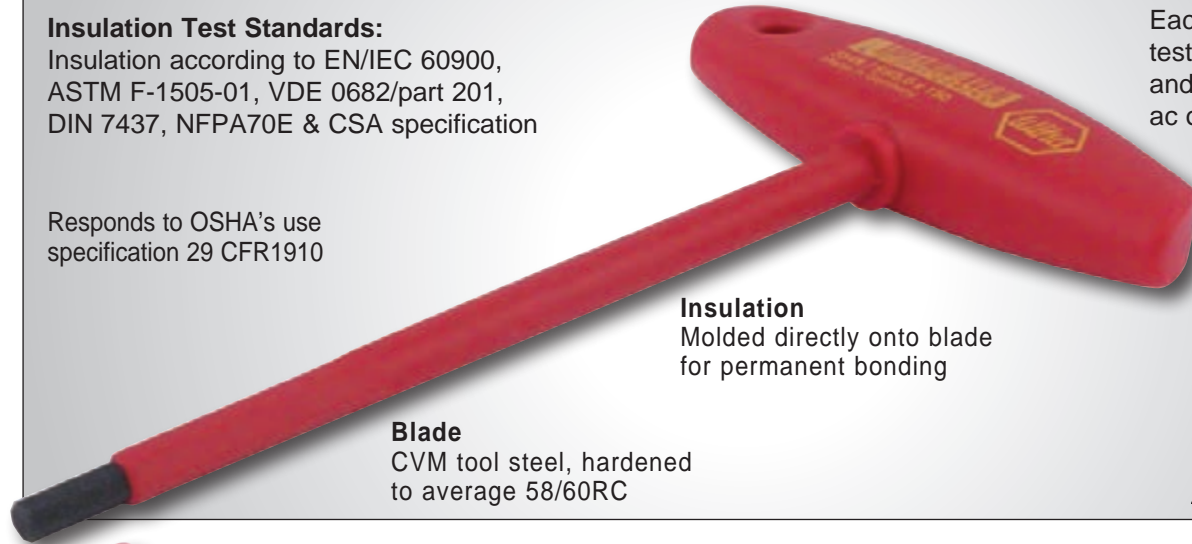
**WH75304** Insulated Serrated Angled Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

Item No.	OAL mm	OAL Inch	lbs.	pkg.
WH75304	200	8.0	.16	1

**Wiha Insulated T-handles**

**Insulation Test Standards:**  
 Insulation according to EN/IEC 60900,  
 ASTM F-1505-01, VDE 0682/part 201,  
 DIN 7437, NFPA70E & CSA specification

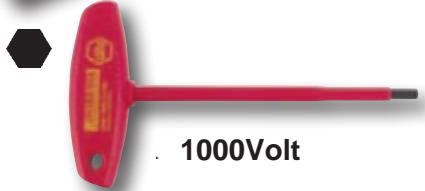
Responds to OSHA's use  
 specification 29 CFR1910



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

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

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



**1000Volt**

**WH334** Inch T-handle, With Wiha-Molded Handle. Insulation  
 According to ASTM F-1505-01, 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.

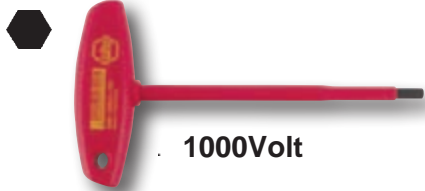
Item							
No.	Inch	Inch	Inch	mm	lbs.	pkg.	
WH33481	5/32	5.9	6.9	176	.09	10	
WH33482	3/16	5.9	6.9	176	.15	10	
WH33483	7/32	5.9	6.9	176	.19	10	
WH33485	1/4	5.9	7.1	176	.20	10	
WH33486	5/16	5.9	7.1	176	.26	10	
WH33487	3/8	5.9	7.1	176	.44	10	



**1000Volt**

**WH33490** 6 Piece Inch T-handle Hex Set

Item		
No.	Inch:	lbs.
WH33490	5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1.66



**1000Volt**

**WH334** Metric T-handle, With Wiha-Molded Handle. Insulation  
 According to ASTM F-1505-01, 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.
WH33441	4.0	150	5.9	176	6.9	.09	10
WH33443	5.0	150	5.9	182	7.1	.15	10
WH33445	6.0	150	5.9	182	7.1	.18	10
WH33447	8.0	150	5.9	182	7.1	.26	10
WH33449	10.0	150	5.9	191	7.5	.46	10



**WH33478** 5 Piece Metric T-handle Hex Set

Item		
No.	Metric:	lbs.
WH33478	4.0, 5.0, 6.0, 8.0, 10.0mm	1.20



### Wiha Multi-Bit Screwdrivers

*Six Tools in One!*



Tested to 10,000 Volts Insulation meets EN/IEC 60900

**WH380 Sets Multi-Bit Screwdriver Sets** with Wiha Powerhandle, cellulose-acetate, impact resistant. Snap-lock rotatable cap. Chambered bit holder equipped with transparent selector and 6 bits. 1/4" Bit holder, stainless steel. Shaft chrome-vanadium-molybdenum steel, hardened, chrome-plated. Packaged in clear blister package. Blade Length = 120mm (4.7") Overall Length = 230mm (9")

**WH38006 Slotted/Phillips Multi-Bit Screwdriver**

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

Slotted Sizes: 5.5, 6.5mm lbs.

Phillips Sizes: 0, 1, 2, 3 .39

**WH38007 Slotted/Phillips/Square Multi-Bit Screwdriver**

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

Slotted Sizes: 6.5, 8.0mm lbs.

Phillips Sizes: 1, 2 .41

Square Sizes: 1, 2

**WH38025 Magnetic Bit Holder, 1/4"** Wiha Powerhandle and insulated shaft. Holder only can hold up to 6 bits.

lbs. .26

### Wiha Insulated TorqueControl Tools

Includes Certificate



Includes SlimLine blade holder

**WH287 Insulated TorqueVario-S, With Window Scale Insulation up to 1000 Volt.** 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	Inch lbs.	Increments	mm	lbs.	pkg.
WH28724	7.5 - 20	.5 Inch lbs	126 - 131	.43	1	
WH28726	10 - 50	2 Inch lbs	133 - 138	.40	1	
WH28727	20 - 70	2 Inch lbs	137 - 142	.69	1	

**WH287 Insulated TorqueVario-S Handle - In Newton Meter Scale**

Item No.	Range	Nm	mm	lbs.	pkg.
WH28734	0.6 - 2.0	131	.45	1	
WH28736	1.0 - 5.0	138	.45	1	
WH28737	2.0 - 8.0	142	.72	1	

Each TorqueVario handle has unique serial number & certificate of calibration

1000Volt



**WH28350 Insulated SlimLine Torque Blade Holder**

Chrome-vanadium-molybdenum steel. Through hardened black finish. ClicFix quick release holder securely locks bits.

Item No.	OAL	OAL	Inch	lbs.	pkg.
WH28350	6.0	170	6.7	.02	1

### Wiha Insulated TorqueControl & SlimLine Tool Sets



**WH28791 8 Piece Insulated TorqueControl Set With Slotted & Phillips SlimLine Blades** Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 5 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

Item No.	lbs.
WH28791 SlimLine Slotted: 3.0, 4.0, 5.5mm	.87
SlimLine Phillips: #1, #2	
WH28726 - Handle Range 10-50 Inch/lbs.	
SlimLine Blade Holder	

With Certificate of Calibration



**WH28792 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.	lbs.
WH28792 SlimLine Slotted: 4.0, 5.5, 6.5mm	1.27
SlimLine Phillips: #1, 2	
SlimLine Terminal Xeno: #1, 2	
SlimLine TORX: T8, T10, T15, T20	
SlimLine Square: #1, 2	
WH28727 - Handle Range 20-70 Inch/lbs.	
SlimLine Blade Holder	

With Certificate of Calibration

**Wiha Insulated SlimLine Tools**

**Insulation Test Standards:**  
 Insulation according to EN/IEC 60900,  
 ASTM F-1505-01, VDE 0682/part 201,  
 DIN 7437, NFPA70E & CSA specification



High quality chrome vanadium steel, through-hardened

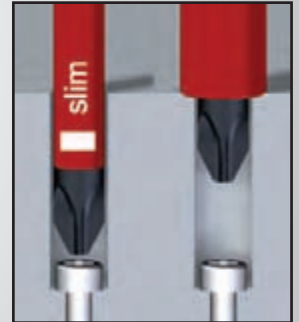
**1000Volt Rated**  
 10,000 Volt Tested

Integrated Slim Insulation molded directly onto blade

Ideal for jobs where access is limited

Insulation does not exceed screw head diameter

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



**Wiha Insulated SlimLine Handle**



**1000Volt**

**WH28301 SlimLine Blade Holder, With Wiha-SoftFinish® Handle**  
 Insulation According to VDE, ASTM F-1505-01 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt.

Chrome-vanadium steel, through-hardened. Insulation molded directly onto blade. Quick release holder securely lock blades. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item	Size	mm	Inch	mm	Inch	lbs.	pkg.
WH28301	1/4"	50	2.0	160	6.3	.15	1

**Wiha Insulated SlimLine Blades**



**WH283 Insulated Slotted SlimLine Blades** High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. Working length 2.8"

Item	mm	Inch	Inch	mm	Dia.	Nm	lbs.	lbs.	Pkg.
WH28308	3.0	.118	1/8	90	4.1	0.6	5.3	.02	1
WH28309	4.0	.157	5/32	90	4.1	2.5	22.2	.02	1
WH28312	5.5	.216	7/32	90	6.1	3.8	33.7	.02	1
WH28315	6.5	.255	1/4	90	6.1	5.5	48.8	.02	1



**WH283 Insulated Phillips SlimLine Blades**  
 High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools.

Item	Size	mm	Dia.	Length	Max Nm	Inch/ lbs.	lbs.	Pkg.
WH28317	1	90	4.1	2.8"	3.8	33.7	.02	1
WH28319	2	90	6.1	2.8"	5.5	48.8	.02	1

33% narrower insulation diameter



**Wiha Insulated SlimLine Blades**

← 1.8" →



**WH2833 Insulated Xeno Slotted & Phillips SlimLine Blades**

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Size	mm	Slim Dia.	Working Length	Max Nm	Inch/ lbs.	lbs.	Pkg.
WH28327	1	90	4.1	2.8"	3.8	33.7	.02	1
WH28329	2	90	6.1	2.8"	5.5	48.8	.02	1

← 1.8" →



**WH2833 Insulated TORX® SlimLine Blades**

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Size	mm	Slim Dia.	Working Length	Max Nm	Inch/ lbs.	lbs.	Pkg.
WH28339	T8	90	4.1	2.8"	1.3	11.5	.02	1
WH28340	T10	90	4.1	2.8"	3.8	33.7	.02	1
WH28341	T15	90	6.1	2.8"	5.5	48.8	.02	1
WH28342	T20	90	6.1	2.8"	5.5	48.8	.02	1

← 1.8" →



**WH2833 Insulated Square SlimLine Blades**

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Size	mm	Slim Dia.	Working Length	Max Nm	Inch/ lbs.	lbs.	Pkg.
WH28346	1	90	4.1	2.8"	3.8	33.7	.02	1
WH28347	2	90	6.1	2.8"	5.5	48.8	.02	1



**Wiha Insulated SlimLine Blade Sets**



**1000Volt**

**WH28391 8 Piece Insulated SlimLine Blade Set**

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

Item No.	lbs.
WH28391 <b>Slotted:</b> 4.0, 6.5 x 90mm	.45
<b>Phillips:</b> #1, #2 x 90mm	
<b>Xeno:</b> #2 x 90mm	
<b>TORX®:</b> T15, T20 x 90mm	
WH28301 - <i>SlimLine</i> Cushion Grip Blade Holder	



**1000Volt**

**WH28390 15 Piece Insulated SlimLine Blade Set**

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

Item No.	lbs.
WH28390 <b>Slotted:</b> 3.0, 4.0, 5.5, 6.5 x 90mm	.56
<b>Phillips:</b> #1, #2 x 90mm	
<b>Xeno:</b> #1, #2 x 90mm	
<b>TORX®:</b> T8, T10, T15, T20 x 90mm	
<b>Square:</b> #1, #2 x 90mm	
WH28301 - <i>SlimLine</i> Cushion Grip Blade Holder	

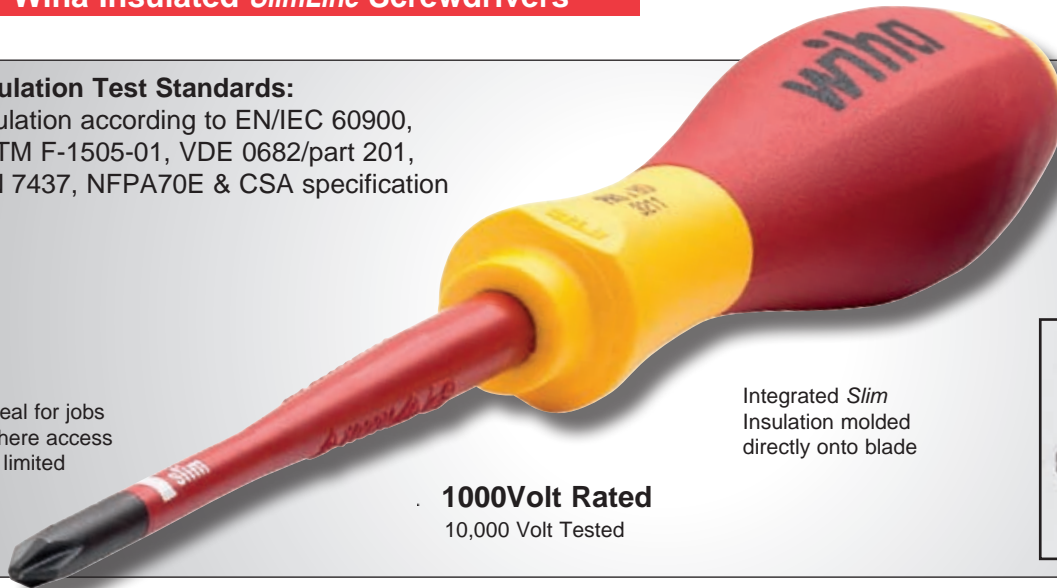


**Wiha Insulated SlimLine Screwdrivers**

**Insulation Test Standards:**

Insulation according to EN/IEC 60900, ASTM F-1505-01, VDE 0682/part 201, DIN 7437, NFPA70E & CSA specification

Ideal for jobs where access is limited



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

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



Integrated Slim Insulation molded directly onto blade

←1.4"→



**WH320 Insulated Slotted SlimLine Screwdrivers**  
Insulation According to ASTM F-1505-01, 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.	mm	Inch	Inch	Slim Dia.	mm	mm	lbs.	Pkg.
WH32046	3.5	.139	9/64	3.5	100	204	.07	1
WH32049	4.0	.157	5/32	4.0	100	211	.12	1
WH32052	4.5	.177	3/16	4.5	125	211	.14	1
WH32055	5.5	.216	7/32	5.5	125	243	.21	1
WH32058	6.5	.255	1/4	6.5	150	268	.25	1

←1.4"→



**WH307 Insulated Xeno SlimLine Screwdrivers For Terminal Screws**  
Insulation According to ASTM F-1505-01, 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.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH30746	1	4.5	80	191	.12	1
WH30747	2	6.0	100	218	.21	1

←1.4"→



**WH321 Insulated Phillips SlimLine Screwdrivers**  
Insulation According to ASTM F-1505-01, 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.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH32145	1	4.5	80	204	.12	1
WH32146	2	6.0	100	211	.21	1

←1.4"→

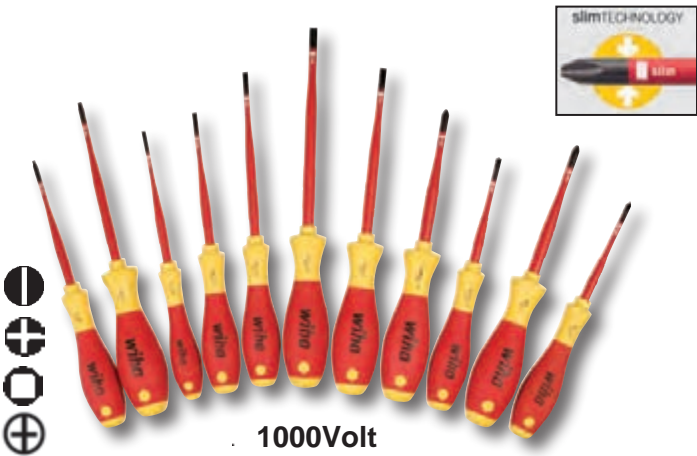


**WH358 Insulated Square SlimLine Screwdrivers**  
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

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.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH35844	1	4.0	100	218	.12	1
WH35845	2	4.5	125	243	.19	1

**Wiha Insulated SlimLine Screwdriver Sets**



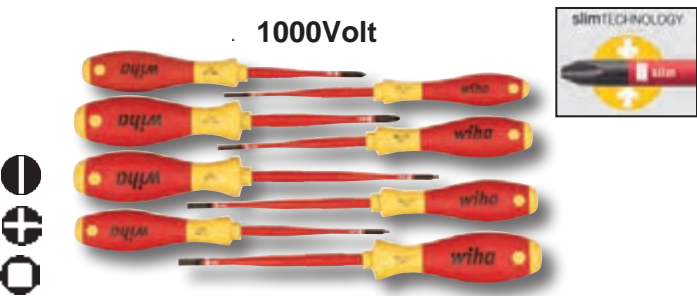
1000Volt

**WH32198 11 Piece Insulated SlimLine Slotted, Phillips, Xeno & Square Screwdrivers.** Insulation According to ASTM F-1505-01, 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.	Size	mm	Blade Type	mm	mm	lbs.
WH32198	Phillips 1	80	Slotted	3.5	100	1.75
	Phillips 2	100	Slotted	4.0	100	
	Square	1	Slotted	4.5	125	
		2	Slotted	5.5	125	
	Xeno	1	Slotted	6.5	150	
		2	Slotted	6.5	150	



1000Volt

**WH32197 8 Piece Insulated SlimLine Slotted, Phillips & Square Screwdrivers.** Insulation According to ASTM F-1505-01, 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.	Size	mm	Blade Type	mm	mm	lbs.
WH32197	Phillips 1	80	Slotted	3.5	100	1.18
	Phillips 2	100	Slotted	4.0	100	
	Square	1	Slotted	4.5	125	
		2	Slotted	5.5	125	



1000Volt

**WH32196 6 Piece Insulated SlimLine Slotted, Phillips & Square Screwdrivers.** Insulation According to ASTM F-1505-01, 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.	Size	mm	Blade Type	mm	mm	lbs.
WH32196	Phillips 1	80	Slotted	4.5	125	1.02
	Phillips 2	100	Slotted	6.5	150	
	Square	1	Slotted	4.5	125	
		2	Slotted	6.5	150	

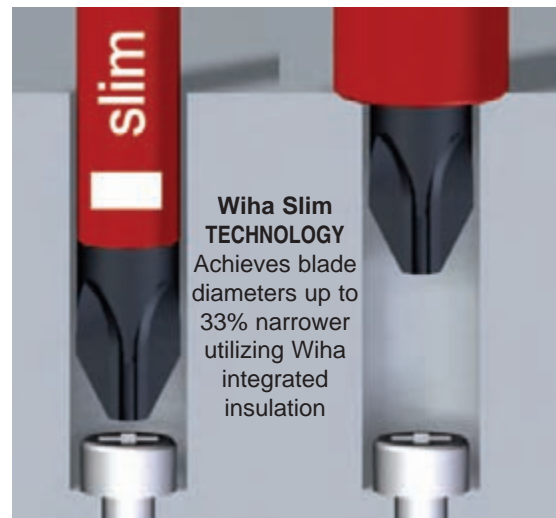


1000Volt

**WH32189 2 Piece Insulated SlimLine Slotted & Phillips Screwdrivers** Insulation According to ASTM F-1505-01, 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.	Size	mm	Blade Type	mm	mm	lbs.
WH32189	2	100	Slotted	4.5	125	.37



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

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

**Insulation Test Standards:**

Insulation according to EN/IEC 60900, ASTM F-1505-01, 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 and rated to 1000 Volt ac or 1500 Volt dc

**SoftFinish® handle**

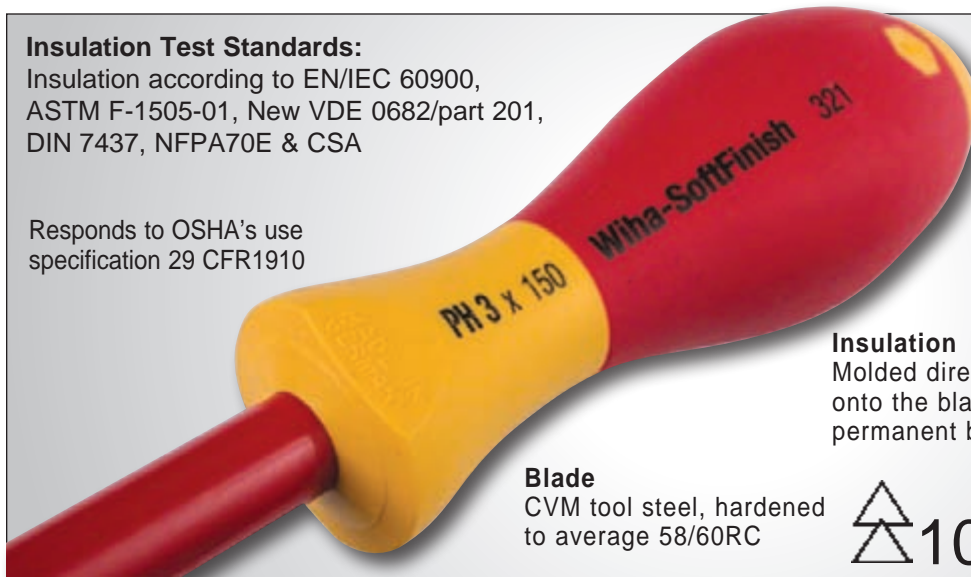
solid molded core with soft outer cushion grip. 40% more torque than conventional handles

**Insulation**

Molded directly onto the blade for permanent bonding

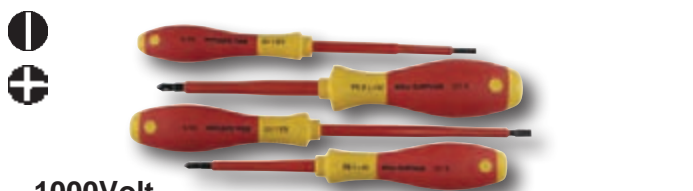
**Blade**

CVM tool steel, hardened to average 58/60RC



**WH320** Slotted Screwdriver, With Wiha-SoftFinish® Handle  
Insulation According to ASTM F-1505-01, 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.
WH32005	2.0	.078	5/64	60	3.0	164	6.5	.05	10
WH32010	2.5	.098	3/32	75	3.0	179	7.1	.06	10
WH32012	3.0	.118	1/8	100	4.0	204	8.0	.07	10
WH32015	3.5	.139	9/64	100	4.0	204	8.0	.07	10
WH32017	4.0	.157	5/32	100	4.0	211	8.3	.12	10
WH32023	4.5	.177	3/16	100	4.0	211	8.3	.12	10
WH32024	4.5	.177	3/16	125	5.0	236	9.3	.12	10
WH32027	4.5	.177	3/16	150	6.0	261	10.2	.14	10
WH32025	4.5	.177	3/16	175	7.0	286	11.2	.13	10
WH32028	4.5	.177	3/16	200	8.0	311	12.3	.15	10
WH32031	5.5	.216	7/32	125	5.0	243	9.5	.15	10
WH32026	5.5	.216	7/32	175	7.0	293	11.5	.21	10
WH32034	6.0	.236	15/64	150	6.0	268	10.6	.21	10
WH32039	6.5	.255	1/4	150	6.0	268	10.6	.21	10
WH32042	8.0	.315	5/16	175	7.0	299	11.8	.34	10
WH32045	10.0	.393	3/8	200	8.0	318	12.5	.39	10



**1000Volt**

**WH32090** 4 Piece Slotted & Phillips Set

Item No.	mm	mm	mm	Size	mm	lbs.
WH32090	Slotted	3.5	100	0.6	Phillips 1	80
	Slotted	4.5	125	1.0	Phillips 2	100



**WH321** Phillips Screwdriver, With Wiha-SoftFinish® Handle  
Insulation According to ASTM F-1505-01, 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.
WH32100	0	60	2.4	164	6.5	.06	10
WH32101	1	80	3.0	191	7.5	.12	10
WH32102	2	100	4.0	218	8.6	.20	10
WH32103	3	150	6.0	268	10.6	.34	10
WH32104	4	200	8.0	318	12.5	.39	10



**WH32092** 6 Piece Slotted & Phillips Set

Item No.	Slotted	Phillips	lbs.
WH32092	3.5, 4.5, 6.5	1, 2, 3	1.38

**WH32091** 5 Piece Slotted & Phillips Set

Item No.	Slotted	Phillips	lbs.
WH32091	3.0, 4.5, 6.5	1, 2	1.31

**WH32188** 7 Piece Slotted & Phillips Set

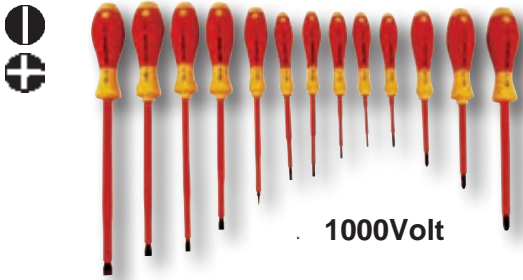
Item No.	Slotted	Phillips	lbs.
WH32188	Slotted	2.0, 2.5, 3.0, 3.5, 4.0	.92
	Phillips	0, 1	

**1000Volt**





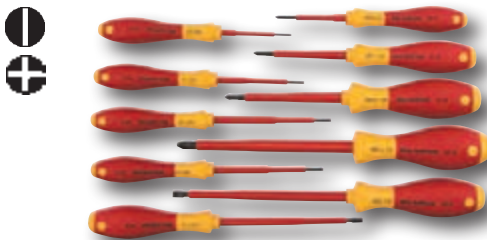
### Wiha Insulated Screwdriver Sets



1000Volt

#### WH32094 13 Piece Slotted & Phillips Set

Item No.		lbs.
WH32094	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm Phillips: 0, 1, 2, 3	2.3



1000Volt

#### WH32093 10 Piece Slotted & Phillips Set

Item No.		lbs.
WH32093	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5 Phillips: 0, 1, 2, 3	1.63



1000Volt

#### WH32190 15 Piece Slotted, Phillips & Inch Nut Drivers Set

Item No.		lbs.
WH32190	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm Phillips: 1, 2, 3 Nut Drivers Inch: 1/4, 5/16, 3/8, 7/16, 1/2"	5.9



1000Volt

Tool box set in blow molded tray

#### WH32095 19 Piece Slotted, Phillips, Square, Xeno Screwdriver Set

Insulated Screwdriver set in a light weight tool box tray.

Item No.		lbs.
WH32095	Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm Phillips: #0, #1, #2, #3 Square: #1, #2 Xeno Terminal: #1, #2 Single Pole Voltage Detector 110V to 250V	4.92

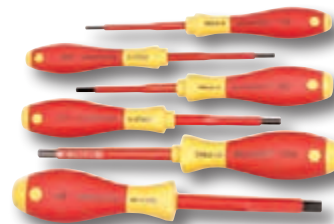
### Wiha Insulated Hex Metric Screwdrivers

1000Volt



**WH323** Hex **Metric** Screwdriver, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505-01, 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.
WH32302	2.5	75	3.0	179	7.0	.06	10
WH32303	3.0	75	3.0	179	7.0	.08	10
WH32304	4.0	75	3.0	186	7.3	.12	10
WH32305	5.0	75	3.0	186	7.3	.15	10
WH32306	6.0	100	3.9	218	8.6	.24	10
WH32308	8.0	100	3.9	218	8.6	.34	10



1000Volt

#### WH32366 6 Piece Insulated Hex Metric Screwdriver Set

Item No.		lbs.
WH32366	Hex Metric: 2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm	1.06

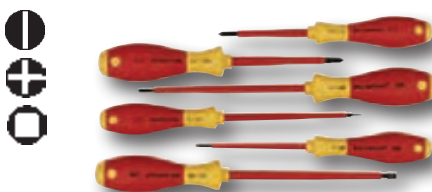
### Wiha Insulated Square Tip Screwdrivers



1000Volt

**WH358** Square Tip Screwdriver, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505-01, 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.
WH35811	1	100	4.0	210	8.2	.12	10
WH35812	2	150	6.0	268	10.5	.19	10



1000Volt

#### WH35890 6 Piece Insulated Slotted, Phillips & Square Screwdrivers

Item No.		lbs.
WH35890	Slotted: 4.5 x 125mm, 6.5 x 150mm Phillips: 1 x 80mm, 2 x 100mm Square: 1 x 100mm, 2 x 150mm	.83

#### WH35891 6 Piece Insulated Slotted, Phillips & Square Screwdrivers

Item No.		lbs.
WH35891	Slotted: 3.0, 5.5mm Phillips: 1, 2 Square: 1, 2	.83

**Wiha Insulated Nut Drivers**



**1000Volt**

**WH322** Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505-01, 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.
WH32206	4.0	125	236	9.3	.15	10
WH32209	5.0	125	236	9.3	.16	10
WH32212	5.5	125	236	9.3	.16	10
WH32215	6.0	125	236	9.3	.16	10
WH32218	7.0	125	243	9.6	.25	10
WH32221	8.0	125	243	9.6	.25	10
WH32224	9.0	125	243	9.6	.25	10
WH32227	10.0	125	243	9.6	.27	10
WH32230	11.0	125	243	9.6	.37	10
WH32233	12.0	125	243	9.6	.38	10
WH32236	13.0	125	243	9.6	.39	10
WH32238	14.0	125	243	9.6	.39	10
WH32239	15.0	125	243	9.6	.40	10
WH32240	16.0	125	243	9.6	.42	10
WH32241	17.0	125	243	9.6	.44	10

**WH322** Inch Nut Drivers, With Wiha-SoftFinish® Handle

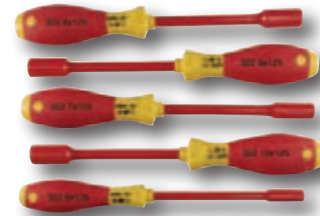
Item	⊙	≡	≡	≡	⚡	≡
No.	Inch	Inch	mm	Inch	lbs.	pkg.
WH32255	5/32	5.0	236	9.3	.15	10
WH32258	3/16	5.0	236	9.3	.15	10
WH32261	7/32	5.0	236	9.3	.16	10
WH32264	1/4	5.0	243	9.5	.24	10
WH32267	5/16	5.0	243	9.5	.25	10
WH32268	11/32	5.0	242	9.5	.26	10
WH32270	3/8	5.0	243	9.5	.26	10
WH32273	7/16	5.0	243	9.5	.36	10
WH32276	1/2	5.0	243	9.5	.39	10
WH32278	9/16	5.0	243	9.5	.39	10
WH32280	5/8	5.0	243	9.5	.41	10



**1000Volt**

**WH32296** 11 Piece Nut Driver Set - Inch Sizes

Item	⊙	≡	⊙	≡	⚡
No.	Inch	Inch	Inch	Inch	lbs.
WH32296	5/32	5.0	3/8	5.0	3.00
	3/16	5.0	7/16	5.0	
	7/32	5.0	1/2	5.0	
	1/4	5.0	9/16	5.0	
	5/16	5.0	5/8	5.0	
	11/32	5.0			



**1000Volt**

**WH32291** 5 Piece Nut Driver Set - Metric Sizes

Item	⊙	≡	⊙	≡	⚡
No.	mm	mm	mm	mm	lbs.
WH32291	6.0	125	9.0	125	1.36
	7.0	125	10.0	125	
	8.0	125			



**1000Volt**

**WH32293** 7 Piece Nut Driver Set - Metric Sizes

Item	⊙	≡	⊙	≡	⚡
No.	mm	mm	mm	mm	lbs.
WH32293	5.0	125	8.0	125	2.05
	5.5	125	10.0	125	
	6.0	125	13.0	125	
	7.0	125			



**1000Volt**

**WH32292** 5 Piece Nut Driver Set - Inch Sizes

Item	⊙	≡	⊙	≡	⚡
No.	Inch	Inch	Inch	Inch	lbs.
WH32292	7/32	5.0	3/8	5.0	1.52
	1/4	5.0	1/2	5.0	
	5/16	5.0			

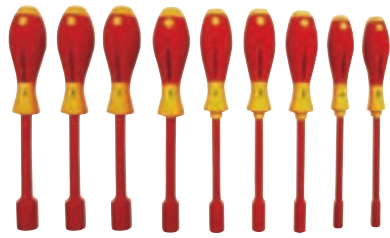


**1000Volt**

**WH32294** 7 Piece Nut Driver Set - Inch Sizes

Item	⊙	≡	⊙	≡	⚡
No.	Inch	Inch	Inch	Inch	lbs.
WH32294	3/16	5.0	3/8	5.0	2.24
	7/32	5.0	7/16	5.0	
	1/4	5.0	1/2	5.0	
	5/16	5.0			

### Wiha Insulated Inch Nut Driver Set



1000Volt



**WH32288** 9 Piece Nut Driver Set - Inch Sizes. In roll-up pouch

Item	⊖	—	⊖	—	⌚
No.	Inch	Inch	Inch	Inch	lbs.
WH32288	3/16	5.0	7/16	5.0	3.16
	1/4	5.0	1/2	5.0	
	5/16	5.0	9/16	5.0	
	11/32	5.0	5/8	5.0	
	3/8	5.0			

### Insulated Single-Pole Voltage Detector

1000Volt



**WH25511** Insulated Single-Pole Voltage Detector. 110-250 Volts.

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.
WH25511	3.0	65	145	5.7	.04	1

### Insulated Terminal Block Xeno Screwdrivers

Combination Slotted/Phillips Terminal Block Drivers



1000Volt



Slotted & Phillips



**WH307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505-01, 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.
WH30700	1	80	191	7.5	1.23	10
WH30701	2	100	218	8.6	1.23	10

### Wiha Insulated TORX® Screwdrivers

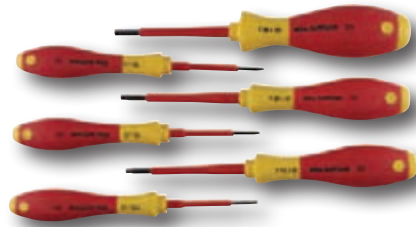


1000Volt

**WH325** TORX® Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505-01, 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.

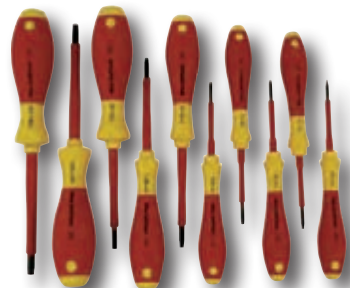
Item	⊖	—	—	—	⌚	—
No.	Size	mm	Inch	mm	Inch	lbs. pkg.
WH32505	T5	60	2.4	164	6.5	.06 10
WH32511	T6	60	2.4	164	6.5	.06 10
WH32516	T7	60	2.4	164	6.5	.06 10
WH32521	T8	60	2.4	164	6.5	.06 10
WH32526	T9	60	2.4	164	6.5	.06 10
WH32531	T10	60	2.4	164	6.5	.06 10
WH32536	T15	80	3.0	191	7.5	.12 10
WH32541	T20	80	3.0	191	7.5	.12 10
WH32546	T25	80	3.0	198	7.8	.17 10
WH32551	T27	100	4.0	218	8.6	.20 10
WH32556	T30	100	4.0	218	8.6	.20 10
WH32561	T40	150	6.0	274	10.8	.30 10



1000Volt

**WH32590** 6 Piece TORX® Set

Item	⊖	—	⊖	—	⌚
No.	Size	mm	Size	mm	lbs.
WH32590	T8	60	T15	80	.83
	T9	60	T20	80	
	T10	60	T25	80	



1000Volt

**WH32592** 10 Piece TORX® Set

Item	⊖	—	⊖	—	⌚
No.	Size	mm	Size	mm	lbs.
WH32592	T6	60	T15	80	1.2
	T7	60	T20	80	
	T8	60	T25	80	
	T9	60	T27	100	
	T10	60	T30	100	



**Wiha Insulated "BitFlip" Sets**

**"8-In-1 Bit Sets"**

BitFlip standard SoftFinish® handle, multi-component, cushion grip, easy access & 8 bit storage



Each insulated tool individually tested to 10,000 volts



Blade CVM tool steel, hardened



**8-in-1 Bit Sets**  
Tested to 10,000Volts

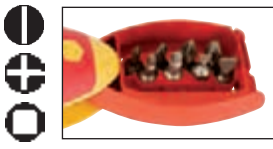
Insulated



**WH38017 Insulated BitFlip With Slotted/Phillips/TORX® Bits**  
Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

**Set includes the following 1/4" bits:**

↓ ● Slotted: 4.5, 6.5mm	↔
⊕ Phillips: 1, 2	lbs.
⊗ TORX® : T10, T15, T20, T25	.45



**8-in-1 Bit Sets**  
Tested to 10,000 Volts

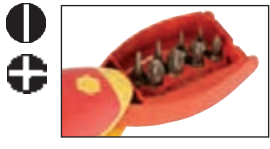
Insulated



**WH38016 Insulated BitFlip With Slotted/Phillips/Square Bits**  
Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

**Set includes the following 1/4" bits:**

↓ ● Slotted: 4.5, 6.5mm	↔
⊕ Phillips: 0, 1, 2, 3	lbs.
○ Square: 1, 2	.45



**8-in-1 Bit Sets**  
Tested to 10,000 Volts

Insulated



**WH38018 Insulated BitFlip With Slotted/Phillips Bits**  
Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

**Set includes the following 1/4" bits:**

↓ ● Slotted: 4.5, 5.5, 6.5, 8.0mm	lbs.
⊕ Phillips: 0, 1, 2, 3	.45

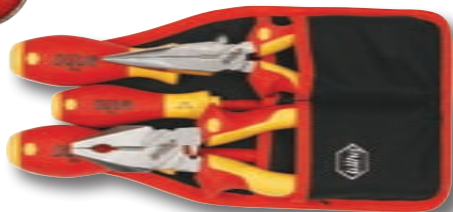
**Use & Care Guide For Insulated Tools:**  
Store tools to minimize risk of damage to insulation, always wear approved eye protection, inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician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

**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 Belt Pack Pouch Sets

### Insulation Test Standards:

Insulation according to EN/IEC 60900,  
ASTM F-1505-01, New VDE 0682/part 201,  
DIN 7437, NFPA70E & CSA



**1000Volt**

### WH32875 5 Piece 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

WH32875 9.0" / 225mm Lineman's Pliers

8.0" / 200mm Long Nose Pliers

**Insulated SlimLine Screwdrivers:**

**Slotted:** 4.5, 6.5mm • **Phillips:** 2

🔌 lbs. 2.26



**1000Volt**

**WH32871 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

WH32871 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

**Set includes Bit Holder and the following bits:**

**Slotted:** 4.5, 6.5mm • **Phillips:** 1, 2 • **Square:** 1, 2

🔌 lbs. 1.67



**1000Volt**

### WH32872 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

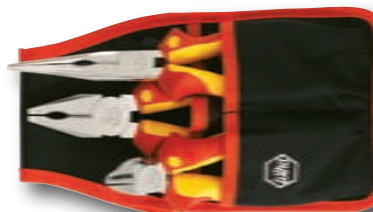
WH32872 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

**Insulated Screwdrivers:**

**Slotted:** 3.0, 4.5mm • **Phillips:** 2

🔌 lbs. 1.77



**1000Volt**

### WH32873 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

WH32873 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

8.0" / 200mm Combination Pliers

🔌 lbs. 2.07

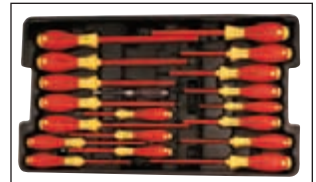
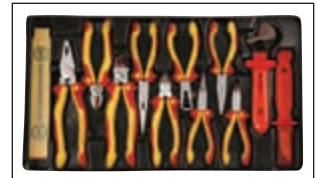
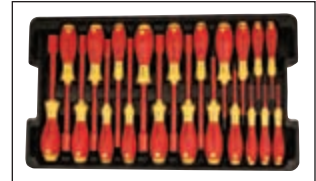
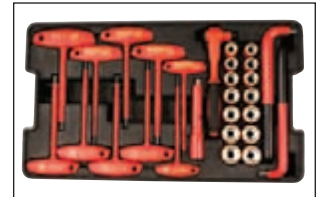


**Wiha Insulated Tools-Comfort Grip Handles**

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



**1000Volt**



**WH32800 80 Piece Insulated Master Electrician's Tool Set In Rolling Water Tight Traveling Tool Box - 10,000Volt Tested, 1000Volt Rated**

<b>Item#WH32800 Set Includes:</b>	⚡ lbs. 33.9	Insulated Slotted 2.5mm	Insulated Phillips #0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	Insulated Slotted 3.0mm	Insulated Phillips #1
8.0" Long Nose Pliers	8.0" High Leverage Cutters	Insulated Slotted 3.5mm	Insulated Phillips #2
6.3" Bent Nose Pliers	6.3" Cable Cutters	Insulated Slotted 4.0mm	Insulated Phillips #3
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	Insulated Slotted 4.5mm	Insulated Slit/Ph Terminal #1
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	Insulated Slotted 5.5mm	Insulated Slit/Ph Terminal #2
Insulated Socket 1/2"	Insulated Nut Driver 7/32"	Insulated Slotted 6.0mm	Insulated Square #1
Insulated Socket 9/16"	Insulated Nut Driver 1/4"	Insulated Slotted 6.5mm	Insulated Square #2
Insulated Socket 5/8"	Insulated Nut Driver 5/16"	Insulated Slotted 8.0mm	Insulated Torx T6
Insulated Socket 11/16"	Insulated Nut Driver 3/8"	Insulated Slotted 10.0mm	Insulated Torx T7
Insulated Socket 3/4"	Insulated Nut Driver 7/16"	Insulated T-handle Hex 5/32"	Insulated Torx T8
Insulated Socket 13/16"	Insulated Nut Driver 5.0mm	Insulated T-handle Hex 3/16"	Insulated Torx T9
Insulated Socket 7/8"	Insulated Nut Driver 5.5mm	Insulated T-handle Hex 7/32"	Insulated Torx T10
Insulated Socket 13mm	Insulated Nut Driver 6.0mm	Insulated T-handle Hex 1/4"	Insulated Torx T15
Insulated Socket 14mm	Insulated Nut Driver 7.0mm	Insulated T-handle Hex 5/16"	Insulated Torx T20
Insulated Socket 15mm	Insulated Nut Driver 8.0mm	Insulated T-handle Hex 3/8"	Insulated Torx T25
Insulated Socket 17mm	Insulated Nut Driver 10.0mm	Insulated T-handle Hex 4.0mm	Insulated Torx T30
Insulated Socket 19mm	Insulated Nut Driver 13.0mm	Insulated T-handle Hex 5.0mm	Insulated L-key 10mm
Insulated Socket 20mm	Insulated Cable Knife 50mm	Insulated T-handle Hex 6.0mm	Insulated L-key 1/2"
Insulated Socket 22mm	2 Meter Ruler In/MM	Insulated T-handle Hex 8.0mm	
Insulated Ratchet 3/8" Drive	Single Pole Voltage Detector-110V to 250V		

**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.

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



**80 Pc.  
BIGGEST  
SET**

**1000Volt**

**WH32877 80 Piece Insulated Master Electrician's Set**

Item# WH32877	Set Includes:	⚡ lbs. 27.0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
6.3" Bent Nose Pliers	8.0" High Leverage Cutters	
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	2 Meter 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	



**Master Electrician's Set**



**66 Pc.  
BIGGER  
SET**

**1000Volt**

**WH32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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.

Item# WH32876	Set Includes:	⚡ lbs. 21.5
8.0" Long Nose	6.3" Side Cutters	
6.3" Long Flat Nose	8.0" High Leverage Cutters	
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**



**1000Volt 48 Pc. BIG SET**

**WH32874** 48 Piece Insulated Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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#</b> WH32874	<b>Set Includes:</b>	↔ lbs. 19.4
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Combination Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
<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>Slit/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"		
Insulated Cable Knife & 2 Meter In/MM		



**1000Volt**

**WH32879** 25 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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#</b> WH32879	<b>Set Includes:</b>	↔ lbs. 11.92
8.0" Long Nose	6.3" Stripping Pliers	
9.0" Combination Pliers	Inch & <b>Metric</b> Folding Ruler	
8.0" High Leverage Cutters	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		

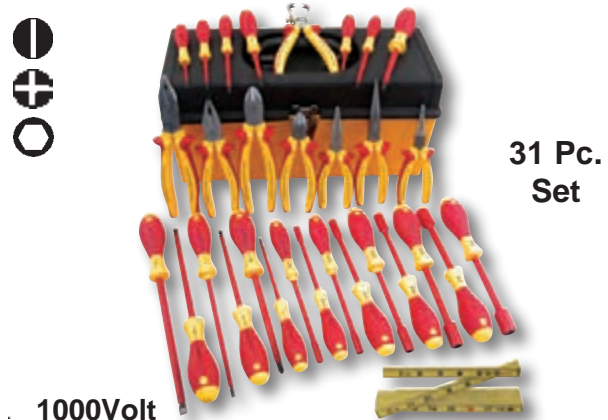


**13 Pc. Set**

**1000Volt**

**WH32878** 13 Piece Pliers & Screwdriver Set. In canvas tool bag

<b>Item#</b> WH32878	<b>Set Includes:</b>	↔ lbs. 6.60
8.0" Long Nose	9.0" Combo Pliers/Crimpers	
8.0" High Leverage Cutters	50mm Cable Stripping Knife	
Insulated Slotted: 3.0mm	Insulated Phillips: #1	
Insulated Slotted: 4.5mm	Insulated Phillips: #2	
Insulated Slotted: 6.0mm	Insulated Square: #1	
Insulated Slit/Ph Terminal: #1	Insulated Square: #2	
Insulated Slit/Ph Terminal: #2		



**31 Pc. Set**

**1000Volt**

**WH32896** 31 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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 6ft. Fiber glass folding ruler.

<b>Item#</b> WH32896	<b>Set Includes:</b>	↔ lbs. 12.85
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
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"		



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

1000Volt



**WH32891 10 Piece Pliers & Screwdriver Set**  
 Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.

**Item# WH32891 Set Includes:** lbs. 5.54

8.0" Combination Pliers	8.0" Long Nose
8.0" Side Cutters	8.0" Cable Cutters
6.3" Universal Wire Stripper	
Insulated Phillips #1	Insulated Slotted 4.5mm
Insulated Phillips #2	Insulated Slotted 6.5mm
Insulated Phillips #3	



1000Volt

**WH32895 14 Piece Pliers & Screwdriver Set**  
 Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.

**Item# WH32895 Set Includes:** lbs. 6.60

8.0" Long Nose	6.3" Side Cutters
9.0" Combination Pliers	8.0" High Leverage Cutters
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

**WH32888 11 Piece Pliers & Screwdriver Set** In Canvas Pouch

**Item# WH32888 Set Includes:** 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

**WH32892 10 Piece Pliers & Screwdriver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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

**Item# WH32892 Set Includes:** 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

**WH32894 12 Piece Pliers & Screwdriver Set** In canvas tool bag

**Item# WH32894 Set Includes:** lbs. 8.60

8.0" Bent Nose	8.0" Combination Pliers
6.3" Long Nose	6.3" Side Cutters
Insulated Slotted 4.5mm	Insulated Nut Driver 1/4"
Insulated Slotted 6.5mm	Insulated Nut Driver 5/16"
Insulated Phillips #1	Insulated Nut Driver 3/8"
Insulated Phillips #2	Insulated Nut Driver 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**

**WH32889 8 Piece Pliers & Cutters Set**  
**Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.**

<b>Item# WH32889 Set Includes:</b>		↔ lbs. 4.63
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" High Lev. Cutters	
6.3" Wire Stripping Pliers	Electrician's Knife	



**1000Volt**

**WH32869 14 Piece Pliers/Cutters & Screwdrivers Set**  
**Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.**

<b>Item# WH32869 Set Includes:</b>		↔ lbs. 6.52
9.0" Lineman's Pliers	8.0" High Leverage Cutters	
8.0" Cable Cutters	8.0" Long Nose Pliers	
6.0" Stripping Pliers 10-20 AWG		
SlimLine Slotted 3.0mm	SlimLine Phillips #1	
SlimLine Slotted 4.5mm	SlimLine Phillips #2	
SlimLine Slotted 6.5mm	SlimLine Terminal #2	
SlimLine Square #1	Single Pole Tester	
SlimLine Square #2		



**1000Volt**

**WH32867 10 Piece Pliers & Screwdriver Set In Canvas Pouch**

<b>Item# WH32867 Set Includes:</b>		↔ lbs. 4.06
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**

**WH32868 10 Piece Pliers & Screwdriver Set In Canvas Pouch**

<b>Item# WH32868 Set Includes:</b>		↔ lbs. 4.24
7.0" Diagonal Cutters	9.0" Combo Pliers	
8.0" Long Nose Pliers	6.3" Wire Strippers	
7.0" Crimping Pliers		
Insulated Slotted 3.0mm	Insulated Phillips #1	
Insulated Slotted 4.5mm	Insulated Phillips #2	
Insulated Slotted 6.0mm		

**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.

**Wiha Insulated Pliers & Cutters**

**Insulation Standards:**

EN/IEC 60900, ASTM F-1505-01, and or According to VDE 0682/part 201, NFPA70E and CSA

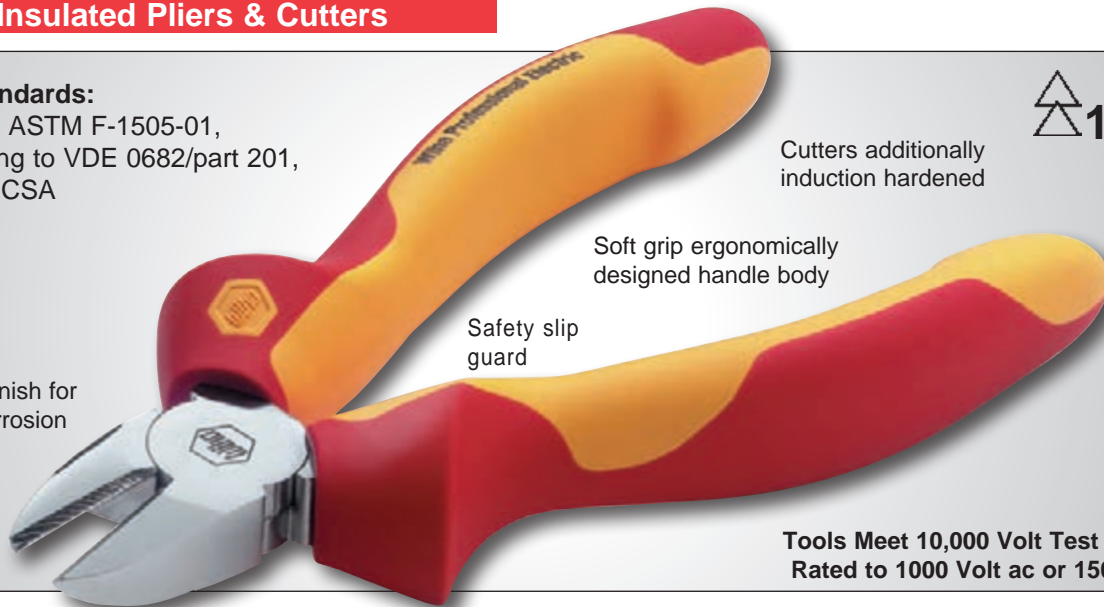
**1000V**

Cutters additionally induction hardened

Soft grip ergonomically designed handle body

Safety slip guard

Hard chrome finish for long lasting corrosion protection



**Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc**

**Insulated Linemans Pliers With Crimpers**

**5-In-1 Lineman's Pliers**



**1000volt**

With Lower Crimping Jaw

**WH32821 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 No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
WH32821	225	9.0	#4	1	.88

**Insulated High Leverage Combination Pliers**

**Lineman's**



**1000volt**

**WH32820 High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, 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. C 60 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 No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
WH32820	225	9.0	#4	1	.86

**Insulated Combination Lineman's Pliers**



**1000volt**

**WH328 Combination Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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. 60HRC. Special CV tool steel forgings, Chrome finish. Use for gripping and holding as well as cutting soft and hard wires and cables. Two component soft grip ergonomic handles.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
WH32814	160	6.3	#10	1	.53
WH32816	180	7.0	#9	1	.58
WH32818	200	8.0	#8	1	.72

### Insulated Diagonal Cutters



 1000volt

**WH328** Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 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	Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg. wt.
WH32830	140	5.5	#6	1 .47
WH32832	160	6.3	#6	1 .49
WH32834	180	7.0	#6	1 .62

### Insulated High Leverage Diagonal Cutters



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

 1000volt

**WH328** High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 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. 64 HRC. C 60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

Item	Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg. wt.
WH32835	160	6.3	#6	1 .64
WH32836	180	7.0	#5	1 .67
WH32838	200	8.0	#4	1 .80

### Insulated Electrician's Diagonal Cutters

Strips AWG #10 & #14



 1000volt

**WH32861** Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), 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	Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg. wt.
WH32861	160	6.3	#6	1 .55

### Insulated Serrated Edge Cable Cutters



 1000volt

**WH328** Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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. 62 HRC. Special tool steel, hardened & tempered. For cutting of copper & aluminum cables without crushing.

Item	Cutting Capacity				
No.	mm	Inch	Ø	mm2	Pkg. lbs.
WH32826	160	6.3	16	50	1 .42
WH32828	200	8.0	20	60	1 .67

### Insulated Crimping Pliers



**WH32841** Insulated Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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 64 HRC. CV 60 special tool steel hardened & tempered.

Item	Cutting Capacity				
No.	mm	Inch	mm2	AWG	Pkg. wt.
WH32841	180	7.0	0.25-2.5	6-30	1 .57



### Insulated Long Nose Pliers



**WH328** Long Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), chrome-nickel plated, mirror-polished, ergonomic comfort grip with slip guard, half-round jaws, serrated gripping surface.

Item	Cutting Capacity		Pkg. wt.	
No.	mm	Inch	Copper AWG	
WH32806	160	6.3	#10	1 .32
WH32808	200	8.0	#8	1 .42

### Insulated Bent Nose Pliers

Angled 40°



**WH328** Bent Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.

Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), chrome-nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Half-round jaws, serrated gripping surface, nose bent 40°.

Item	Cutting Capacity		Pkg. wt.	
No.	mm	Inch	Copper AWG	
WH32804	200	8.0	#8	1 .43
WH32807	160	6.3	#10	1 .32

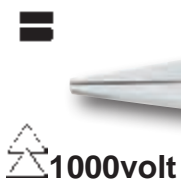
### Round Nose Pliers



**WH32870** Round Nose Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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	Cutting Capacity		Pkg. wt.	
No.	mm	Inch		
WH32870	160	6.3	1	.34

### Insulated Long Flat Nose Pliers



**WH32810** Long Flat Nose Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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	Cutting Capacity		Pkg. wt.	
No.	mm	Inch		
WH32810	160	6.3	1	.39

### Insulated Stripping Pliers



**WH32860** Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 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	Cutting Capacity		Pkg. wt.	
No.	mm	Inch	Copper AWG	
WH32860	160	6.3	#4 - #28	1 .50

### Wiha Canvas Pliers Holster

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

#### WH91256 Pliers Canvas Holster

Item	Width	Height	Pkg. wt.	
No.	Size	Size	lbs.	pkg.
WH91256	3.5 x	6.75	.15	1



### Insulated Stripping Pliers



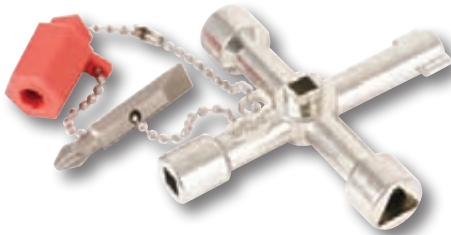
#### 1000Volt

**WH10250** 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.
WH10250	160	6.3"	0.81-2.59	20-10	5	.26

### Switch Cabinet Key



#### WH21103 Switch Cabinet Keys

For applications with all common switch cabinets and locking systems. Diecast Zinc

Item No.	mm	Inch	Pkg.	lbs.
WH21103	76	3.0"	5	.22

### Protturn Insulated Electrician's Shears



#### WH32951 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.
WH32951	160	6.3	1	.22

Tools Meet  
10,000 Volt Test Standards  
Rated to 1000Volt ac or 1500 Volt dc

#### WH91230 Inomic Canvas Holster

Item No.	Width	Height	Weight	Pkg.
WH91230	4.0	x 4.5	.05	1

Holds any Inomic Pliers



### 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



WH32850



WH32852



WH32854



#### 1000volt

Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc

#### WH32850 Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, 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 No.	mm	Inch	Cutting Capacity	Copper AWG	Pkg.	lbs.
WH32850	180	7.0	↔ ↔	#6	1	.46

#### WH32852 Inomic Long Nose Pliers

Item No.	mm	Inch	Cutting Capacity	Copper AWG	Pkg.	lbs.
WH32852	160	6.3	↔ ↔	#6	1	.43

#### WH32854 Inomic Diagonal Cutters

Item No.	mm	Inch	Cutting Capacity	Copper AWG	Pkg.	lbs.
WH32854	160	6.3	↔ ↘	#6	1	.41

#### Insulation Standards:

EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA



#### 1000Volt

#### WH32859 3 Pc. Insulated Inomic Pliers/Cutters Set

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

Item# WH32859 Set Includes: 1.45 lbs.

32850 - Combo Pliers	32854 - Diagonal Cutters
32852 - Long Nose Pliers	91230 - Inomic Holster (Includes 3)

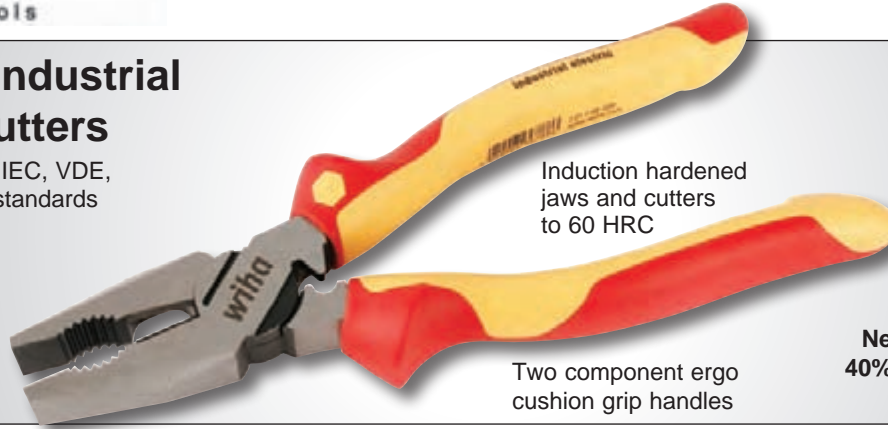


## Insulated Industrial Pliers & Cutters

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

10,000 Volt tested  
1000 Volt Rated

Industrial brushed finish



Induction hardened jaws and cutters to 60 HRC

Two component ergo cushion grip handles

 **1000V**



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

### Insulated Lineman's Pliers With Crimpers



Long life high performance dynamic 60/40 joint

 **1000volt**

**WH32917 Insulated Industrial Lineman's Pliers "5-In-1" Professional Design** Insulation According to EN/IEC, ASTM, NFPA70E & CSA, up to 1000 volt. Individually Tested. Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Premium CV tool steel forgings.





Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
WH32917	225	9.0	#4	1	.98

### Insulated Long Nose Pliers With Cutters



 **1000volt**

**WH329 Insulated Industrial Long Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), half-round jaws, serrated gripping surface. Industrial brushed finish. Ergonomic comfort grip with slip guard.

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
WH32926	160	6.3	#10	1	.36
WH32923	200	8.0	#8	1	.46





### Insulated Diagonal Cutters



Long life high performance dynamic 60/40 joint

 **1000volt**

**WH329 Insulated Industrial Diagonal Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 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. Industrial brushed finish. For soft, medium hard wire & piano wire.

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
WH32933	160	6.3	#6	1	.64
WH32929	200	8.0	#6	1	.80

### Insulated Stripping Pliers



 **1000volt**

**WH32947 Insulated Industrial Stripping Pliers.** Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 1000 volt rated. Individually Tested.

**DIN ISO 5745** Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 60 HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item			Stripping Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
WH32947	160	6.3	#4 - #28	1	.46



**Insulated Combo Pliers With Dynamic Joint**

1000volt



Long life high performance dynamic 60/40 joint

**WH32930 Insulated Industrial High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, 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. 60HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Industrial brushed finish. Two component soft grip ergonomic handles.

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	wt.
WH32930	200	8.0	#4	1	.92

**Insulated Heavy Duty Cable Cutters**

1000volt



**WH32927 Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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. 60 HRC. Premium CV tool steel forgings. For cutting of copper & aluminum cables without crushing. Two component ergo cushion grips for best user comfort.

Item						
No.	mm	Inch	Ø	mm2	Pkg.	lbs.
WH32927	200	8.0	20	60	1	.78

**Insulated Crimpers**

1000volt



**WH32945 Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, 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 60 HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Crimps 6 - 30 AWG Connectors.

Item						
No.	mm	Inch	mm2	AWG	Pkg.	wt.
WH32945	180	7.0	0.25-2.5	6-30	1	.64

**Insulated Water Pump Pliers**

1000volt



**WH32954 Insulated Industrial Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and 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.
WH32954	250	10.0	1 3/4	2	1	.90

**Insulated Push Button Water Pump Pliers**

1000volt



**WH32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Extra narrow head for working in small spaces. Rapid and simple push button setting & locking. 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.
WH32956	250	10.0	1 3/4	2"	1	.90

**Wiha Insulated Industrial Tool Sets**



In Belt Pack Pouch

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



**1000Volt**

**WH32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers**

**Item No. Insulated Pliers/Cutters & Screwdrivers**

WH32985 8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters

**Insulated Drivers:** Slotted: 3.0, 4.5mm • Phillips: #1, #2

lbs. 2.30



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

Tool box set in blow molded tray

**1000Volt**

**WH32999 9 Piece Insulated Industrial Pliers & Cutters Set**

Insulated pliers & cutters set in a light weight tool box tray.

**Item No.**

WH32999 9.0" Lineman's Pliers 8.0" High Leverage Combo Pliers

6.3" Long Nose Pliers 8.0" Cable Cutters

8.0" Long Nose Pliers 6.3" Stripping Pliers

6.3" Diagonal Cutters 7.0" Crimping Pliers

6.34 8.0" Diagonal Cutters



**1000Volt**

**WH32981 3 Pc. Insulated Industrial Pliers & Cutters**

**Item No. Insulated Pliers & Cutters**

WH32981 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**

**WH32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers**

**Item No. Insulated Diagonal Cutters & Screwdrivers**

WH32983 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**

**WH32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers**

**Item No. Insulated Combination Pliers & Screwdrivers**

WH32984 8.0" Combination Pliers & 8" Long Nose Pliers

**Drivers:** Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2

lbs. 2.06



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

Individually Tested

**Wiha Insulated Tool Tray Sets**



Tool box set in blow molded trays



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



**1000Volt**

**WH32989 28 Piece Insulated Industrial Pliers & Cutters Set**

Insulated pliers & cutters set in a light weight tool box tray.

**Item No. Set Includes:**

WH32989 9.0" Lineman's Pliers

8.0" High Leverage Combo Pliers

6.3" & 8.0" Long Nose Pliers

8.0" Cable Cutters

6.3" & 8.0" Diagonal Cutters

6.3" Stripping Pliers

7.0" Crimping Pliers

Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm

Phillips: #0, #1, #2, #3

Xeno Slotted/Phillips: #1, #2 & Square: #1, #2

Voltage Detector 3.0mm 110-225Volts



lbs.

6.34



## Wiha Insulated Industrial Tool Sets

In Roll  
Out  
Pouch



1000Volt



**WH32986 11 Pc. Pliers & Screwdriver Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, up to 1000 volt. Individually Tested. In Roll Out Pouch  
**Item# WH32986 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



**WH32987 8 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, up to 1000 volt. Individually Tested. In Roll Out Pouch  
**Item# WH32987 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



**WH32988 22 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, up to 1000 volt. Individually Tested. In Roll Out Pouches  
**Item# WH32988 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  
**TORX:** T8, T10, T15, T20      Square: #1, #2



Now in  
canvas  
tool bag



1000Volt



**WH32390 11 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. In canvas tool bag  
**Item# WH32390 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      Insulated Slotted 3.0mm(1/8")  
 Insulated Phillips #1      Insulated Slotted 4.5mm(3/16")  
 Insulated Phillips #2      Insulated Slotted 6.5mm(1/4")

1000Volt



**WH32973 22 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. In molded tool box  
**Item# WH32973 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      Insulated Slim Slotted 3.5mm(9/64")  
 Insulated Slim Phillips #2      Insulated Slim Slotted 4.5mm(3/16")  
 Insulated Slim Xeno #1      Insulated Slim Square #1  
 Insulated Slim Xeno #2      Insulated Slim Square #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"

### 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.



## Numerical Index by Item Number

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
WH10250	37	WH20012	5	WH21044	7	WH28724	18	WH31439	12
WH11625	15	WH20013	5	WH21046	7	WH28726	18	WH31491	12
WH11630	15	WH20014	5	WH21048	7	WH28727	18	WH31493	12
WH11950	15	WH20015	5	WH21050	7	WH28734	18	WH31495	13
WH11960	16	WH20016	5	WH21052	7	WH28736	18	WH31496	13
WH11975	16	WH20017	5	WH21054	7	WH28737	18	WH31506	12
WH12326	14	WH20018	5	WH21056	7	WH28791	18	WH31507	12
WH12327	13	WH20019	5	WH21057	7	WH28792	18	WH31508	12
WH12851	10	WH20020	5	WH21058	7	WH29006	11	WH31509	12
WH12852	13	WH20022	5	WH21060	7	WH29009	13	WH31510	12
WH12853	15	WH20024	5	WH21062	7	WH29012	15	WH31511	12
WH12854	11	WH20027	5	WH21064	7	WH29240	15	WH31512	12
WH12855	11	WH20030	5	WH21066	7	WH29250	15	WH31513	12
WH12856	13	WH20032	5	WH21068	7	WH30700	26	WH31514	12
WH12857	13	WH20091	4	WH21093	7	WH30701	26	WH31515	12
WH12858	15	WH20093	4	WH21094	7	WH30746	21	WH31516	12
WH12859	15	WH20131	5	WH21095	7	WH30747	21	WH31517	12
WH13650	9	WH20133	5	WH21096	7	WH31326	10	WH31518	12
WH13651	9	WH20135	5	WH21103	37	WH31327	10	WH31519	12
WH13652	9	WH20136	5	WH21208	6	WH31328	10	WH31520	12
WH13653	9	WH20137	5	WH21210	6	WH31329	10	WH31521	12
WH13654	9	WH20138	5	WH21212	6	WH31330	10	WH31522	12
WH13655	9	WH20140	5	WH21213	6	WH31331	10	WH31524	12
WH13656	9	WH20141	5	WH21214	6	WH31332	10	WH31590	12
WH13657	9	WH20142	5	WH21217	6	WH31333	10	WH31592	13
WH13658	9	WH20144	5	WH21219	6	WH31334	10	WH31595	13
WH13659	9	WH20145	5	WH21290	6	WH31335	10	WH31608	14
WH13662	9	WH20146	5	WH21325	6	WH31336	10	WH31609	14
WH13663	9	WH20147	5	WH21327	6	WH31337	10	WH31610	14
WH13664	9	WH20148	5	WH21329	6	WH31338	10	WH31611	14
WH13665	9	WH20149	5	WH21331	6	WH31339	10	WH31612	14
WH13666	9	WH20190	4	WH21333	6	WH31340	10	WH31613	14
WH13667	9	WH20192	4	WH21335	6	WH31341	10	WH31614	14
WH13668	9	WH20194	5	WH21391	6	WH31342	10	WH31615	14
WH13669	9	WH20196	5	WH25511	26	WH31343	10	WH31616	14
WH13670	9	WH21008	7	WH28301	19	WH31344	10	WH31617	14
WH13671	9	WH21009	7	WH28308	19	WH31345	10	WH31618	14
WH13672	9	WH21010	7	WH28309	19	WH31390	11	WH31619	14
WH13673	9	WH21011	7	WH28312	19	WH31391	11	WH31620	14
WH13690	9	WH21012	7	WH28315	19	WH31394	11	WH31621	14
WH13691	9	WH21013	7	WH28317	19	WH31395	11	WH31622	14
WH13693	9	WH21014	7	WH28319	19	WH31425	12	WH31623	14
WH13694	9	WH21015	7	WH28327	20	WH31428	12	WH31624	14
WH15000	8	WH21017	7	WH28329	20	WH31429	12	WH31626	14
WH15003	8	WH21019	7	WH28339	20	WH31430	12	WH31627	14
WH15050	8	WH21020	7	WH28340	20	WH31431	12	WH31628	14
WH19767	15	WH21022	7	WH28341	20	WH31432	12	WH31630	14
WH20006	5	WH21024	7	WH28342	20	WH31433	12	WH31632	14
WH20007	5	WH21027	7	WH28346	20	WH31434	12	WH31691	14
WH20008	5	WH21030	7	WH28347	20	WH31435	12	WH31703	14
WH20009	5	WH21032	7	WH28350	18	WH31436	12	WH31704	14
WH20010	5	WH21040	7	WH28390	20	WH31437	12	WH31705	14
WH20011	5	WH21042	7	WH28391	20	WH31438	12	WH31707	14

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
WH31708	14	WH32146	21	WH32536	26	WH32896	31	WH75302	16
WH31709	14	WH32188	23	WH32541	26	WH32917	38	WH75304	16
WH31710	14	WH32189	22	WH32546	26	WH32923	38	WH76208	8
WH31712	14	WH32190	24	WH32551	26	WH32926	38	WH76210	8
WH31713	14	WH32196	22	WH32556	26	WH32927	39	WH76212	8
WH31714	14	WH32197	22	WH32561	26	WH32929	38	WH76215	8
WH31715	14	WH32198	22	WH32590	26	WH32930	39	WH76290	8
WH31716	14	WH32206	25	WH32592	26	WH32933	38	WH91230	37
WH31718	14	WH32209	25	WH32800	29	WH32945	39	WH91256	36
WH31720	14	WH32212	25	WH32804	36	WH32947	38		
WH31722	14	WH32215	25	WH32806	36	WH32951	37		
WH31790	14	WH32218	25	WH32807	36	WH32954	39		
WH31805	10	WH32221	25	WH32808	36	WH32956	39		
WH31807	10	WH32224	25	WH32810	36	WH32973	41		
WH31809	10	WH32227	25	WH32814	34	WH32981	40		
WH31811	10	WH32230	25	WH32816	34	WH32983	40		
WH31813	10	WH32233	25	WH32818	34	WH32984	40		
WH31815	10	WH32236	25	WH32820	34	WH32985	40		
WH31817	10	WH32238	25	WH32821	34	WH32986	41		
WH31890	10	WH32239	25	WH32826	35	WH32987	41		
WH32005	23	WH32240	25	WH32828	35	WH32988	41		
WH32010	23	WH32241	25	WH32830	35	WH32989	40		
WH32012	23	WH32255	25	WH32832	35	WH32999	40		
WH32015	23	WH32258	25	WH32834	35	WH33441	17		
WH32017	23	WH32261	25	WH32835	35	WH33443	17		
WH32023	23	WH32264	25	WH32836	35	WH33445	17		
WH32024	23	WH32267	25	WH32838	35	WH33447	17		
WH32025	23	WH32268	25	WH32841	35	WH33449	17		
WH32026	23	WH32270	25	WH32850	37	WH33478	17		
WH32027	23	WH32273	25	WH32852	37	WH33481	17		
WH32028	23	WH32276	25	WH32854	37	WH33482	17		
WH32031	23	WH32278	25	WH32859	37	WH33483	17		
WH32034	23	WH32280	25	WH32860	36	WH33485	17		
WH32039	23	WH32288	26	WH32861	35	WH33486	17		
WH32042	23	WH32291	25	WH32867	33	WH33487	17		
WH32045	23	WH32292	25	WH32868	33	WH33490	17		
WH32046	21	WH32293	25	WH32869	33	WH35811	24		
WH32049	21	WH32294	25	WH32870	36	WH35812	24		
WH32052	21	WH32296	25	WH32871	28	WH35844	21		
WH32055	21	WH32302	24	WH32872	28	WH35845	21		
WH32058	21	WH32303	24	WH32873	28	WH35890	24		
WH32090	23	WH32304	24	WH32874	31	WH35891	24		
WH32091	23	WH32305	24	WH32875	28	WH38006	18		
WH32092	23	WH32306	24	WH32876	30	WH38007	18		
WH32093	24	WH32308	24	WH32877	30	WH38016	27		
WH32094	24	WH32366	24	WH32878	31	WH38017	27		
WH32095	24	WH32390	41	WH32879	31	WH38018	27		
WH32100	23	WH32505	26	WH32888	32	WH38025	18		
WH32101	23	WH32511	26	WH32889	33	WH40800	15		
WH32102	23	WH32516	26	WH32891	32	WH75205	16		
WH32103	23	WH32521	26	WH32892	32	WH75210	16		
WH32104	23	WH32526	26	WH32894	32	WH75215	16		
WH32145	21	WH32531	26	WH32895	32	WH75220	16		



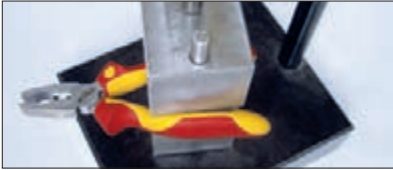
Insulation Test



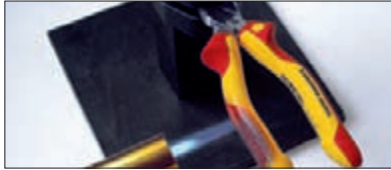
Cold Impact Test



Material Integrity Test



Puncture Test



Flame Resistance Test



Adhesion Test

Subject to change without notice

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