



2016



**wiha**   
Tools that work for you

# Professional Insulated Tools

Supporting Arc Flash Protection

10,000 Volt Tested  
1000 Volt Rated



#32800

## *Complete Insulated Program*



## Arc Flash Protection:

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

### ARC FLASH

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

### WHY ARC FLASHES HAPPEN

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

### ARC FLASH COMPLIANCE

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

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

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

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


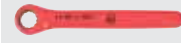
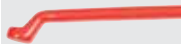
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarcflash.com>


### OSHA

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


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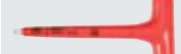

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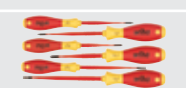
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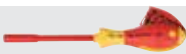
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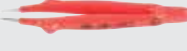

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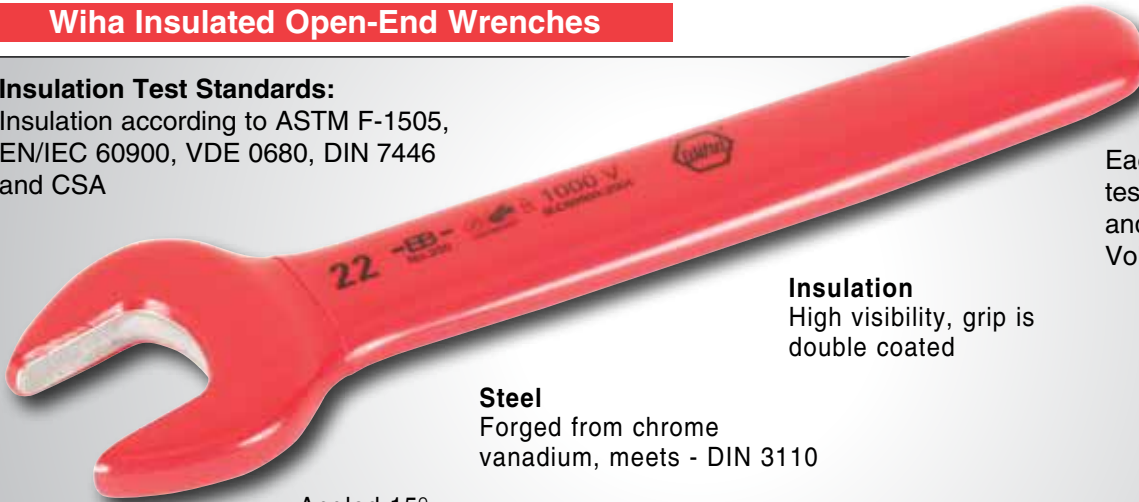
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## Wiha Insulated Open-End Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505, 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°

 **1000V**



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

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

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

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



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

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

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

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





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**201** Inch Open-End Wrenches, With Insulated Handle

Insulation According to VDE Specification 0680 and EN/IEC 60900, DIN 7446 and CSA, up to 1000 Volt. Individually Tested.

Chrome-vanadium steel, hardened. Angled 15°.

Item No.	⊘	OAL	OAL		
	Inch	mm	Inch	lbs.	pkg.
20131	1/4	87.5	3.4	.04	1
20133	5/16	100	3.9	.05	1
20135	3/8	105	4.1	.09	1
20136	7/16	117	4.6	.09	1
20137	1/2	140	5.5	.15	1
20138	9/16	146	5.7	.15	1
20140	5/8	158	6.2	.20	1
20141	11/16	165	6.5	.23	1
20142	3/4	178	7.0	.33	1
20144	13/16	191	7.5	.42	1
20145	7/8	192	7.6	.44	1
20146	15/16	201	7.9	.51	1
20147	1	213	8.4	.61	1
20148	1-1/16	233	9.2	.79	1
20149	1-1/8	233	9.2	.77	1
20151	1-1/4"	191	7.5	.90	1
20154	1-1/2"	191	7.5	.92	1

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



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**200** 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.	⊘ <sup>MM</sup>	OAL	OAL		
	mm	mm	Inch	lbs.	pkg.
20006	6.0	97	3.8	.04	1
20007	7.0	98	3.9	.05	1
20008	8.0	104	4.1	.07	1
20009	9.0	108	4.3	.07	1
20010	10.0	107	4.2	.08	1
20011	11.0	118	4.6	.11	1
20012	12.0	129	5.1	.11	1
20013	13.0	137	5.4	.19	1
20014	14.0	150	5.9	.19	1
20015	15.0	151	5.9	.17	1
20016	16.0	164	6.5	.22	1
20017	17.0	168	6.4	.24	1
20018	18.0	173	6.8	.41	1
20019	19.0	178	7.0	.32	1
20020	20.0	190	6.9	.36	1
20022	22.0	196	7.7	.39	1
20024	24.0	211	8.3	.58	1
20027	27.0	218	8.6	.68	1
20030	30.0	235	9.3	.97	1
20032	32.0	237	9.3	1.01	1

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In Tool Box Tray



**20194** 13 Piece Insulated Inch Open End Wrench Set

In Tool Box Tray

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

In Tool Box Tray




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**20196** 13 Pc. Insulated Metric Open End Wrench Set

In Tool Box Tray

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

## Wiha Insulated Ratchet Wrenches

### Insulation Test Standards:

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



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

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






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

Blade chrome-vanadium steel, hardened.




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

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

Blade chrome-vanadium steel, hardened.


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



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




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



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

Item No.	 mm	OAL mm	 mm	OAL mm	 lbs.
21290	8.0	4.9	14.0	6.4	2.10
	10.0	5.5	17.0	7.6	
	12.0	5.9	19.0	8.3	
	13.0	6.0			

**Wiha Insulated Deep Offset Ring Wrenches**

**Insulation Test Standards:**

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




Steel Forged from chrome vanadium, meets - DIN 3110

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

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

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



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**210 Insulated Metric Offset Ring Wrenches, Insulation**

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

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

**210 Insulated Inch Offset Ring Wrenches**

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



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

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



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

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



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

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

## Wiha Insulated Adjustable Wrenches



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**76208 Insulated 8" Adjustable Wrench**

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

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

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**76210 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.
76210	10.0	250	1-1/4"	1.4	1

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

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

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

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

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## 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



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**15000 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**

Blade tool steel, hardened, molded directly on. Cover included.

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

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**15003 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**

Straight, partly insulated, strong blade. Insulation molded directly on. Cover included.

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

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**15050 Insulated Stripping Knife, With Insulated Handle Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**

Blade tool steel, hardened. Insulation molded directly on. Hooked cutting edge, half-round ground. Cover included.

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

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**Wiha Insulated Hex L-keys**

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



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

 **1000V**

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



# 13691

# 13690

 **1000Volt**

**SHOP**

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

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

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

Item No.	Ø <sub>MM</sub>	OAL	Ø <sub>MM</sub>	OAL	↕
	mm	mm	mm	mm	lbs.
13691	3.0	130	8.0	150	2.07
	4.0	120	10.0	220	
	5.0	140	12.0	260	
	6.0	140			

**SHOP**



 **1000Volt**

**SHOP**

**136 Inch Insulated Hex L-keys, With Insulated Handle**

Insulation According to IEC 60900 Specification, Up To 1000 Volt.  
Individually Tested. Blade chrome-vanadium steel, hardened.

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



 **1000Volt**

**SHOP**

**136 Metric Insulated Hex L-keys, With Insulated Handle**

Insulation According to IEC 60900 Specification, Up To 1000 Volt.  
Individually Tested. Blade chrome-vanadium steel, hardened.

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



 **1000Volt**

**SHOP**

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

Item No.	Ø <sub>MM</sub>	OAL	Ø <sub>MM</sub>	OAL	↕
	mm	mm	mm	mm	lbs.
13693	1.5	100	5.0	140	2.26
	2.0	105	6.0	140	
	2.5	115	8.0	150	
	3.0	130	10.0	220	
	4.0	120	12.0	260	

 **1000Volt**

**SHOP**

**13694 12 Piece Insulated Inch Hex L-key Set** 

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

## Wiha Insulated Hex Bit Sockets



[SHOP](#)

**1000Volt**

**318 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.
31805	3/16	3.1"	.13	1
31807	7/32	3.1"	.14	1
31809	1/4	3.1"	.14	1
31811	5/16	3.1"	.16	1
31813	3/8	3.1"	.18	1
31815	7/16	3.1"	.20	1
31817	1/2	3.1"	.22	1

\*Sockets must be used with insulated ratchets & extensions



**1000Volt**

[SHOP](#)

**31890 7 Pc. Insulated 3/8" Drive Socket Set - Inch**

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

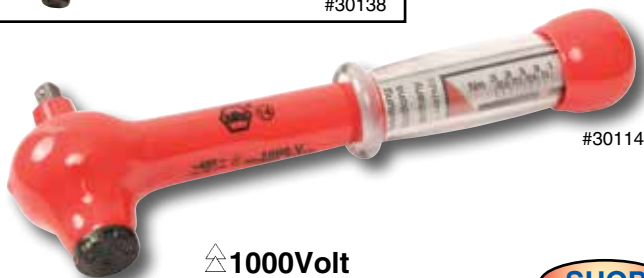
Item No. 31890 Set includes the following:

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

## Wiha Insulated Torque Ratchet Wrenches



#30138



#30114

**1000Volt**

[SHOP](#)

**301 Insulated Torque Ratchet Wrenches, 1/4, 3/8, 1/2" Drives**

Insulated to EN/IEC 60900:2004, ASTM F1505, CSA Standards

Visible reading scale for easy reading and adjustment. Locking endcap Torque adjuster for easy adjustment. Accuracy +/- 6%. Dual scale reading Ft. lbs. / Nm.

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

## Wiha Insulated 1/4" Sockets & Sets

Inch - 6 Point



[SHOP](#)

**1000Volt**

**313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM F-1505, DIN 7448 & CSA Specification, Up To 1000 Volt.**

Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions

Metric - 6 Point



[SHOP](#)

**1000Volt**

**313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM F-1505, DIN 7448 & CSA Specification, Up To 1000 Volt.**

Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions



[SHOP](#)

**1000Volt**

**12851 Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA**

Chrome-Vanadium steel. Thumb lever for rapid reverse.

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


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



 1000Volt



**31390 13 Piece Insulated 1/4" Drive Socket Set - Inch**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.


<b>Item No. 31390</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



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

<b>Item No. 31395</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



 1000Volt



**31391 13 Piece Insulated 1/4" Drive Socket Set - Metric**  
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

<b>Item No. 31391</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




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



 1000Volt



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


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



 1000Volt



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



<b>Item No. 31394</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



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

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

## Wiha Insulated 3/8" Sockets & Sets



 1000Volt



**314 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.
31425	1/4	.07	1
31428	9/32	.07	1
31429	5/16	.07	1
31430	11/32	.07	1
31431	3/8	.08	1
31432	7/16	.08	1
31433	1/2	.10	1
31434	9/16	.10	1
31435	5/8	.10	1
31436	11/16	.13	1
31437	3/4	.14	1
31438	13/16	.17	1
31439	7/8	.18	1

\*Sockets must be used with insulated ratchets & extensions



 1000Volt



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

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

\*Sockets must be used with insulated ratchets & extensions

## Wiha Insulated 3/8" Sockets & Sets




 1000Volt



**31493 10 Piece Insulated 3/8" Drive Socket Set - Inch**

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

**Item No. 31493 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 - 190mm




 1000Volt



**31590 10 Piece Insulated 3/8" Drive Socket Set - Metric**

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

**Item No. 31590 Set includes the following:**

	8, 10, 11, 12, 13, 14, 17, 19mm
lbs.	3/8" x 125mm Extension Bar
2.50	3/8" Ratchet - 190mm




 1000Volt



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

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

**Item No. 31491 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**

**SHOP**

**31495 24 Piece Insulated 3/8" Drive Socket Set - Inch**

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

**Item No. 31495 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**


**SHOP**

**31592 24 Piece Insulated 3/8" Drive Socket Set - Metric**

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

**Item No. 31592 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**

**SHOP**

**31496 10 Piece Insulated 3/8" T-handle & Socket Set - Inch**

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

**Item No. 31496 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

**31595 10 Piece Insulated 3/8" T-handle & Socket Set - Metric**

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

**Item No. 31595 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

**SHOP**

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



**1000Volt**

**SHOP**

**12852 Insulated 3/8" Drive Ratchet, EN/IEC 60900**

CV steel. Socket release button. Thumb lever for rapid reverse.

**Item** **OAL** **OAL**  

**No.** **Inch** **mm** **Inch** **lbs.** **pkg.**

12852 3/8" 190 7.5 .93 1

**1000Volt**

**SHOP**

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

Chrome-Vanadium steel.

**Item** **OAL** **OAL**  

**No.** **Inch** **mm** **Inch** **lbs.** **pkg.**

12856 3/8" 125 4.9 .41 1

12857 3/8" 250 9.8 .57 1

**1000Volt**






#29009

#12327

**SHOP**

**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**  **OAL** **OAL**  

**No.** **Inch** **mm** **Inch** **lbs.** **pkg.**

29009 3/8 200 7.9" .55 1

12327 3/8 216 8.5" .68 1



## Wiha Insulated 1/2" Sockets & Sets



 1000Volt



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

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

\*Sockets must be used with insulated ratchets & extensions





Individually Tested





 1000Volt

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

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

\*Sockets must be used with insulated ratchets & extensions

## Wiha Insulated 1/2" Sockets & Sets



Inch

 1000Volt



**31790 24 Piece Insulated 1/2" Drive Socket Set - Inch**

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

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

<b>31790</b>	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.41	1/2" Ratchet - 260mm
	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



**31691 24 Piece Insulated 1/2" Drive Socket Set - Metric**

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

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



<b>31691</b>	8, 9, 10, 12, 13, 14, 15, 17, 19, 22, 24mm Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.39	1/2" Ratchet - 260mm
	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



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

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

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



**1000Volt**

**SHOP**

**12853 Insulated 1/2" Drive Ratchet, IEC/EN 60900 & CSA**

Chrome-Vanadium steel. Reversible.

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





**1000Volt**

**SHOP**

**128 Insulated 1/2" Extension Bars, EN/IEC 60900 & CSA**

Chrome-vanadium steel.

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



**1000Volt**

**SHOP**

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

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



Uses standard 12" blade



**1000Volt**

**SHOP**

**19767 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.
19767	457mm	18.0"	1.92	1





**1000Volt**

**SHOP**

**29240 Waterpump Pliers, With Insulated Handle**  
Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Box joint. Chrome-vanadium steel, drop forged, oil hardened.

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

**Wiha Insulated Cable Cutters**



For cutting solid aluminum & copper conductors

**1000Volt**

**SHOP**

**11950 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.
11950	500	19.6	12 1/2"	3.0	1

For cutting multi strand aluminum & copper cables





**1000Volt**

**SHOP**

**40800 Large Capacity Cable Cutter, With Insulated Handle**  
Insulation According to EN/IEC 60900, ASTM F-1505 & CSA Specification, Up to 1000 Volt. Individually Tested.

Easy cutting blades, dropped forged, oil hardened. Cuts cable diameters up to 50mm. Not to be used on steel rods.

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





For cutting solid aluminum, copper & medium hard wires

**1000Volt**

**SHOP**

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

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





**1000Volt**

**SHOP**

**116 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		
No.	mm	Inch	lbs.	pkg.
11625	250	10.0"	1.2	1
11630	300	12.0"	1.8	1

## Wiha Insulated Ratcheting Cable Cutters

**Insulation:** VDE, EN/IEC, ASTM, NFPA70E, CSA & OSHA  
Tested to 10,000 volts with 1000 volts safety rating



 **1000Volt**



### 1199 High Voltage Double-Insulated Ratcheting Cable Cutters

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

Item No.	OAL mm	OAL Inch	up to MCM	Inch Dia.	Capacity	lbs.	pkg.
11960	250	10.0"	500	1.25"	32ml	1.58	1
11975	280	11.0"	750	2.0"	52ml	2.02	1



 **1000Volt**



### 11980 Insulated ACSR Ratcheting Cable Cutter

Replaceable tool steel cutting blades are securely mounted for accurate cutting. Handles lock in closed position for easier storage. High leverage ratchet mechanism for best cutting performance.

Item No.	OAL mm	OAL Inch	up to MCM	Inch Dia.	Capacity	lbs.	pkg.
11980	353	13.9	477	1.25"	32ml	3.42	1

## Wiha Insulated Serrated Tweezers



 **1000Volt**



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

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



 **1000Volt**



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

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



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

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



 **1000Volt**



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

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



 **1000Volt**



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

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



 **1000Volt**



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

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



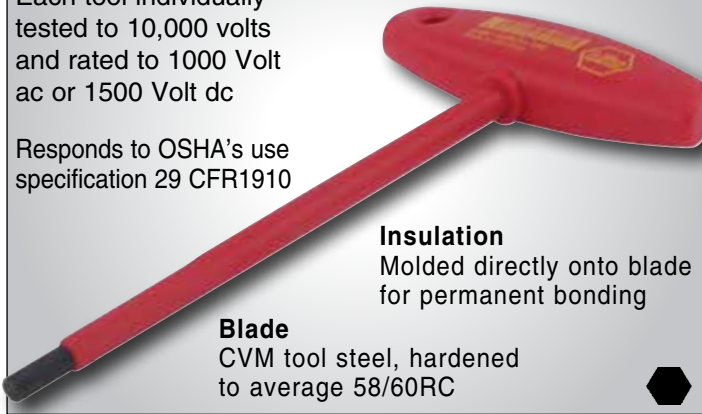
**Wiha Insulated T-handle Hex Drivers**

**Insulation Test Standards:**

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

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

Responds to OSHA's use specification 29 CFR1910



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







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



**1000Volt**

**SHOP**

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







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



**1000Volt**

**SHOP**

**334** Metric T-handle, With Wiha-Molded Handle. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **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.
33441	4.0	150	5.9	176	6.9	.09	10
33443	5.0	150	5.9	182	7.1	.15	10
33445	6.0	150	5.9	182	7.1	.18	10
33447	8.0	150	5.9	182	7.1	.26	10
33449	10.0	150	5.9	191	7.5	.46	10



**1000Volt**

**SHOP**



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

Item		Inch:		lbs.
33490		5/32, 3/16, 7/32, 1/4, 5/16, 3/8"		1.66

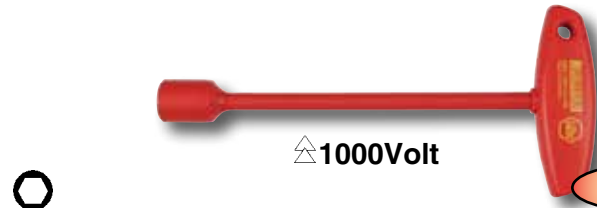


**SHOP**

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

Item		Metric:		lbs.
33478		4.0, 5.0, 6.0, 8.0, 10.0mm		1.20







**Wiha Insulated T-handle Nut Drivers**



**1000Volt**

**SHOP**

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

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

## Wiha Insulated TorqueControl Tools

Includes Certificate



⚠️ 1000Volt

[SHOP](#)

Includes *SlimLine* blade holder

### 287 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	mm	lbs.	pkg.
28724	7.5 - 20	126 - 131	.43	1
28726	10 - 50	133 - 138	.40	1
28727	20 - 70	137 - 142	.69	1

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

Item No.	Range	mm	lbs.	pkg.
28734	0.6 - 2.0	131	.45	1
28736	1.0 - 5.0	138	.45	1
28737	2.0 - 8.0	142	.72	1

[SHOP](#)

Each TorqueVario handle has unique serial number & certificate of calibration



⚠️ 1000Volt

[SHOP](#)

### 28370 Insulated *SlimLine* Torque Blade Holder

Chrome-vanadium-molybdenum steel. Through hardened black finish. Non-locking friction fit for *SlimLine* blades.

Item No.	OAL	OAL	lbs.	pkg.
28370	6.0	170	6.75	.06 1



⚠️ 1000Volt

[SHOP](#)

### 28350 Insulated *SlimLine* Torque Blade Holder

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

Item No.	OAL	OAL	lbs.	pkg.
28350	6.0	170	6.75	.06 1

## Wiha Insulated TorqueControl & *SlimLine* Tool Sets



In Roll-up Pouch

⚠️ 1000Volt

[SHOP](#)

### 28791 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.
28791 <i>SlimLine</i> Slotted: 3.0, 4.0, 5.5mm <i>SlimLine</i> Phillips: #1, #2	.87
28726 - Handle Range 10-50 Inch/lbs. <i>SlimLine</i> Blade Holder	

With Certificate of Calibration



⚠️ 1000Volt

In Roll-up Pouch

### 28792 16 Piece Insulated TorqueControl Set With *SlimLine* Blades

Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 13 *SlimLine* blades, *SlimLine* blade holder & Torque adjustment tool.

Item No.	lbs.
28792 <i>SlimLine</i> Slotted: 4.0, 5.5, 6.5mm <i>SlimLine</i> Phillips: #1, 2 <i>SlimLine</i> Terminal Xeno: #1, 2 <i>SlimLine</i> TORX®: T8, T10, T15, T20 <i>SlimLine</i> Square: #1, 2	1.27
28727 - Handle Range 20-70 Inch/lbs. <i>SlimLine</i> Blade Holder	

With Certificate of Calibration

**Wiha Insulated Pop-Up SlimLine Sets**



Blades High quality CV steel, through-hardened **NEW**

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

Bit holder securely locks blades in place for precise fastening

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

**1000Volt**



**NEW**

**28393 Insulated Pop-Up Bit Holder Set With Slotted/Phillips SlimLine Blades** Insulated SoftFinish multi-component handle. ClicFix Bit holder Locks all SlimLine Blades securely. Convenient rotating cap.

**28393 Set includes the following 1/4" blades:**

Slotted: 3.0, 4.0, 5.5, 6.5mm	lbs.	<b>SHOP</b>
Phillips: 1, 2	.38	

**1000Volt**



**NEW**

**28394 Insulated Pop-Up Bit Holder Set With Slotted/Phillips/Sq. SlimLine Blades** Insulated SoftFinish multi-component handle. ClicFix Bit holder Locks all SlimLine Blades securely. Convenient rotating cap.

**28394 Set includes the following 1/4" blades:**

Slotted: 3.0, 4.0mm	lbs.	<b>SHOP</b>
Phillips: 1, 2	.38	
Square: 1, 2		

**1000Volt**



**NEW**

**28395 Insulated Pop-Up Bit Holder Set With SlimLine Blades** Insulated SoftFinish multi-component handle. ClicFix Bit holder Locks all SlimLine Blades securely. Convenient rotating cap.

**28395 Set includes the following 1/4" blades:**

Slotted: 3.0, 4.0mm	lbs.	<b>SHOP</b>
Phillips: 1, 2	.38	
Terminal Xeno: 1, 2		



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



**Wiha Insulated SlimLine Tools**



Integrated Slim Insulation molded directly onto blade


High quality CV steel, through-hardened

Insulation does not exceed screw head diameter

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

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

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



**1000Volt**



**SHOP**

**28301 SlimLine Blade Holder, With Wiha-SoftFinish® Handle** Insulation According to VDE, ASTM F-1505 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt.

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

Item	Size	mm	Inch	mm	Inch	lbs.	pkg.
<b>28301</b>	1/4"	50	2.0	160	6.3	.15	1

**SHOP**

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

Item	Size	mm	Inch	Inch	Slim Dia.	Max Nm	Inch/ lbs.	lbs.	Pkg.
<b>28307</b>	2.5	.098	3/32	4.0	0.4	3.5	.02	1	
<b>28308</b>	3.0	.118	1/8	4.0	0.6	5.3	.02	1	
<b>28309</b>	4.0	.157	5/32	4.0	2.5	22.1	.02	1	
<b>28312</b>	5.5	.216	7/32	6.0	3.8	33.6	.02	1	
<b>28315</b>	6.5	.255	1/4	6.0	5.5	48.6	.02	1	

**SHOP**

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

Item	Size	mm	Inch	Inch	Slim Dia.	Max Nm	Inch/ lbs.	lbs.	Pkg.
<b>28317</b>	1	4.0	3.8	33.7	.02	1			
<b>28319</b>	2	6.0	5.5	48.8	.02	1			

**SHOP**

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

Item	Size	mm	Inch	Inch	Slim Dia.	Max Nm	Inch/ lbs.	lbs.	Pkg.
<b>28330</b>	1	4.0	3.8	33.7	.02	1			
<b>28331</b>	2	6.0	5.5	48.8	.02	1			

## Wiha Insulated SlimLine Blades



[SHOP](#)

### 283 Insulated Xeno Slotted/Pozidriv® SlimLine Blades

Up to 33% narrower insulation dia. than standard insulated tools.

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



[SHOP](#)

### 283 Insulated Xeno Slotted & Phillips SlimLine Blades

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



[SHOP](#)

### 283 Insulated TORX® SlimLine Blades

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



[SHOP](#)

### 283 Insulated Square SlimLine Blades

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



[SHOP](#)

### 283 Insulated Hex Metric SlimLine Blades

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

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



Insulated Bit Holder



Tested to 10,000 Volts

Insulation meets EN/IEC 60900

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



SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools

1000Volt

[SHOP](#)

### 28390

**15 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

Item No.	Slotted: 3.0, 4.0, 5.5, 6.5 & Phillips: #1, #2	lbs.
28390	Xeno: #1, #2 & TORX®: T8, T10, T15, T20	.56
	28301 - SlimLine Cushion Grip Blade Holder	



SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools

1000Volt

[SHOP](#)

### 28391

**8 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

Item No.	Slotted: 4.0, 6.5 & Phillips: #1, #2	lbs.
28391	Xeno: #2 & TORX®: T15, T20	.45
	28301 - SlimLine Cushion Grip Blade Holder	



SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools

1000Volt

[SHOP](#)

### 28392

**12 Piece Insulated SlimLine Blade Set** High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

Item No.	Slotted: 3.0, 5.5mm, Phillips: #2 & Xeno: #1, 2	lbs.
28392	Square: #1, 2 & TORX®: T8, T10, T15, T20	.52
	28301 - SlimLine Cushion Grip Blade Holder	

### 38006

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

Set includes the following 1/4" bits:

Slotted Sizes: 5.5, 6.0mm	lbs.
Phillips Sizes: 0, 1, 2, 3	.39

[SHOP](#)

### 38007

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

Set includes the following 1/4" bits:

Slotted Sizes: 6.5, 8.0mm	lbs.
Phillips Sizes: 1, 2	.41
Square Sizes: 1, 2	

[SHOP](#)

### 38025

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

lbs. .26

[SHOP](#)

**Insulated PicoFinish Precision Screwdrivers**



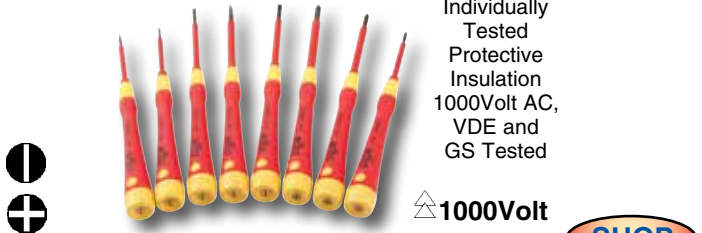
**320 Insulated Slotted PicoFinish Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.**

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



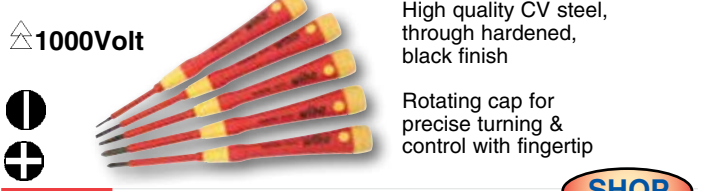
**321 Insulated Phillips PicoFinish Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.**

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



**32088 8 Piece Slotted & Phillips PicoFinish Set**  
Individually Tested Protective Insulation 1000Volt AC, VDE and GS Tested

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



**32085 5 Piece Slotted & Phillips PicoFinish Set**  
High quality CV steel, through hardened, black finish  
Rotating cap for precise turning & control with fingertip

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

**Wiha Insulated SlimLine Screwdrivers**

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

Ideal for jobs where access is limited

Integrated Slim Insulation molded directly onto blade

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



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



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

High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	mm	Inch	Inch	mm	mm	lbs.	Pkg.
32046	3.5	.139	9/64	3.5	100	204	.07 1
32049	4.0	.157	5/32	4.0	100	211	.12 1
32052	4.5	.177	3/16	4.5	125	211	.14 1
32055	5.5	.216	7/32	5.5	125	243	.21 1
32058	6.5	.255	1/4	6.5	150	268	.25 1



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

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



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

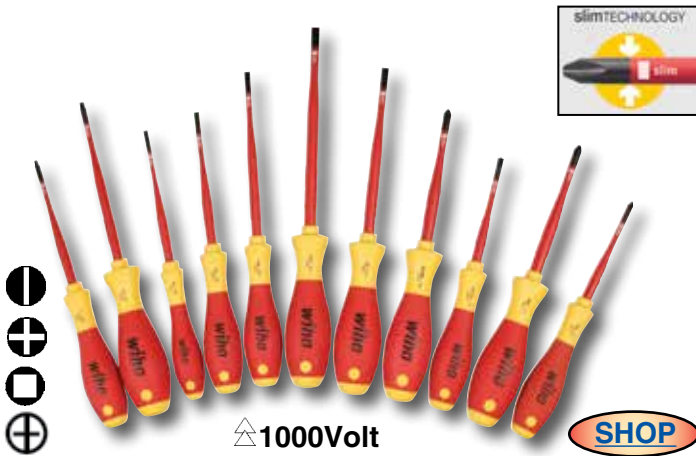
Item No.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
30746	1	4.5	80	191	.12	1
30747	2	6.0	100	218	.21	1



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

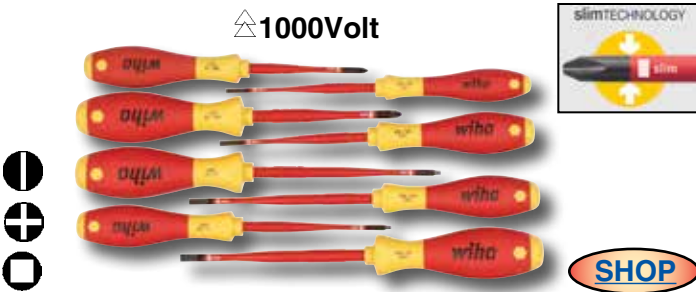
Item No.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
35844	1	4.0	100	218	.12	1
35845	2	4.5	125	243	.19	1

## Wiha Insulated SlimLine Screwdriver Sets



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

Item No.	⊕	⊖	⚡	⚡	⚡	
	Size	mm	mm	mm	lbs.	
32198	Phillips 1	80	Slotted	3.5	100	1.75
	Phillips 2	100	Slotted	4.0	100	
			Slotted	4.5	125	
	Square 1	100	Slotted	5.5	125	
	Square 2	125	Slotted	6.5	150	
	Xeno 1	80				
	Xeno 2	100				



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

Item No.	⊕	⊖	⚡	⚡	⚡	
	Size	mm	mm	mm	lbs.	
32197	Phillips 1	80	Slotted	3.5	100	1.18
	Phillips 2	100	Slotted	4.0	100	
			Slotted	4.5	125	
	Square 1	100	Slotted	5.5	125	
	Square 2	125				



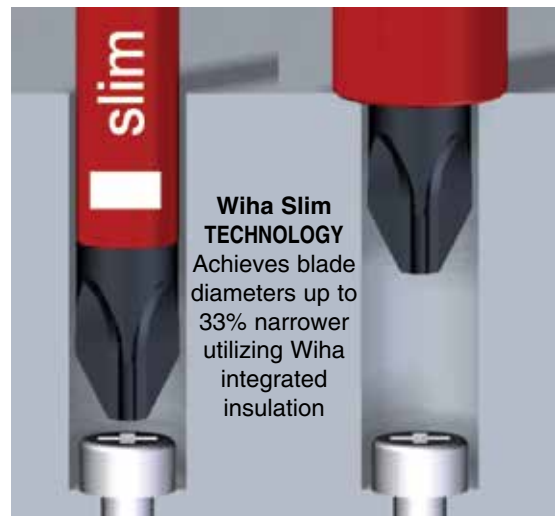
**32196** 6 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. *SlimLine*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

Item No.	⊕	⊖	⚡	⚡	⚡	
	Size	mm	mm	mm	lbs.	
32196	Phillips 1	80	Slotted	4.5	125	1.02
	Phillips 2	100	Slotted	6.5	150	
	Square 1	100				
	Square 2	125				



**32189** 2 Pc. Insulated *SlimLine* Slotted & Phillips Screwdrivers Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item No.	⊕	⊖	⚡	⚡	⚡
	Size	mm	mm	mm	lbs.
32189	2	100	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, 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

 **1000V**

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



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

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



**32105** 2 Piece Slotted & Phillips Set


Item No.	Slotted:	Phillips:	lbs.
32105	5.5	2	.50



**32090** 4 Piece Slotted & Phillips Set

Item No.	Slotted:	Phillips:	lbs.
32090	3.5, 4.5	1, 2	.76



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

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



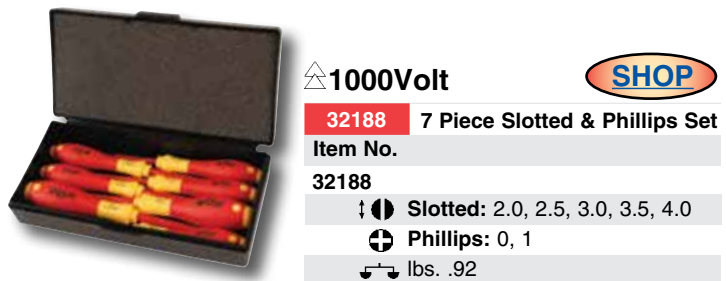
**32092** 6 Piece Slotted & Phillips Set

Item No.	Slotted:	Phillips:	lbs.
32092	3.5, 4.5, 6.5	1, 2, 3	1.38



**32091** 5 Piece Slotted & Phillips Set

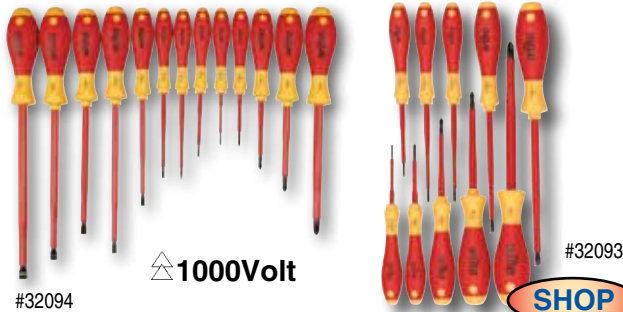
Item No.	Slotted:	Phillips:	lbs.
32091	3.0, 4.5, 6.5	1, 2	1.31





**32188** 7 Piece Slotted & Phillips Set

Item No.	Slotted:	Phillips:	lbs.
32188	2.0, 2.5, 3.0, 3.5, 4.0	0, 1	.92


## Wiha Insulated Screwdriver Sets



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

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




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



<b>32190</b>	<b>15 Piece Slotted, Phillips &amp; Inch Nut Drivers Set</b>	
<b>Item No.</b>	<b>Slotted:</b> 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm	 lbs.
<b>32190</b>	<b>Phillips:</b> 1, 2, 3	5.9
	<b>Nut Drivers Inch:</b> 1/4, 5/16, 3/8, 7/16, 1/2"	



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

## Wiha Insulated Hex Metric Screwdrivers



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

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



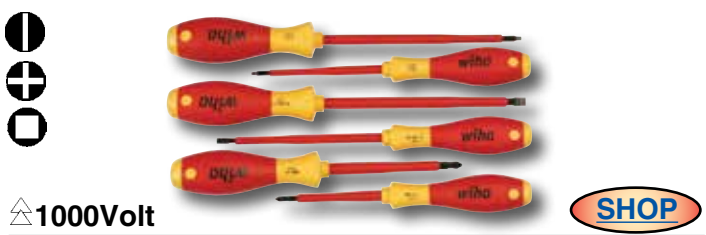
<b>32366</b>	<b>6 Piece Insulated Hex Metric Screwdriver Set</b>	
<b>Item No.</b>	<b>32366</b>	 lbs.
	<b>Hex Metric:</b> 2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm	1.06

## Wiha Insulated Square Tip Screwdrivers



**358** Square Tip Screwdriver, With Wiha-SoftFinish® Handle  
Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade.

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



<b>35890</b>	<b>6 Pc. Insulated Slotted, Phillips &amp; Square Screwdrivers</b>	
<b>Item No.</b>	<b>35890</b>	 lbs.
	<b>Slotted:</b> 4.5, 6.5mm <b>Phillips:</b> 1, 2	.83
	<b>Square:</b> 1, 2	

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



**Wiha Insulated Nut Drivers**



⚡ 1000Volt

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**322 Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation**

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

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

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

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

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⚡ 1000Volt

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**32296 11 Piece Nut Driver Set - Inch Sizes**

Item	⊙	—	⊙	—	↵
No.	Inch	Inch	Inch	Inch	lbs.
32296	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

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**32291 5 Piece Nut Driver Set - Metric Sizes**

Item	⊙	—	⊙	—	↵
No.	mm	mm	mm	mm	lbs.
32291	6.0	125	9.0	125	1.36
	7.0	125	10.0	125	
	8.0	125			

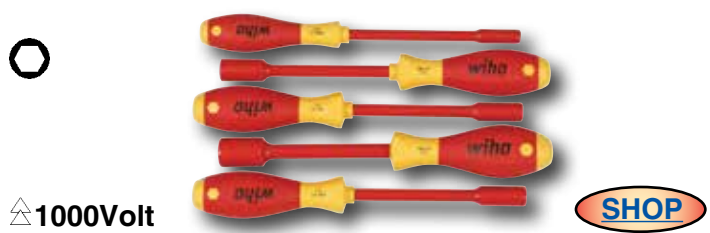


⚡ 1000Volt

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**32293 7 Piece Nut Driver Set - Metric Sizes**

Item	⊙	—	⊙	—	↵
No.	mm	mm	mm	mm	lbs.
32293	5.0	125	8.0	125	2.05
	5.5	125	10.0	125	
	6.0	125	13.0	125	
	7.0	125			



⚡ 1000Volt

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**32292 5 Piece Nut Driver Set - Inch Sizes**

Item	⊙	—	⊙	—	↵
No.	Inch	Inch	Inch	Inch	lbs.
32292	7/32	5.0	3/8	5.0	1.52
	1/4	5.0	1/2	5.0	
	5/16	5.0			



⚡ 1000Volt

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**32294 7 Piece Nut Driver Set - Inch Sizes**

Item	⊙	—	⊙	—	↵
No.	Inch	Inch	Inch	Inch	lbs.
32294	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



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**32288** 9 Piece Nut Driver Set - Inch Sizes. In roll-up pouch

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

## Insulated Terminal Block Xeno Screwdrivers



Combination Slotted/Phillips Terminal Block Drivers

Slotted/Phillips or Slotted/Pozidriv®








 1000Volt



 Slotted/Phillips

 SHOP

**307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested. Blade CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Phillips head terminal screws.








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



 Slotted/Pozidriv®

 SHOP

**307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested. Blade CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Phillips head terminal screws.


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








## Wiha Insulated TORX® Screwdrivers



 1000Volt

 SHOP

**325** TORX® Screwdriver, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Blade high alloy cvm steel, hardened, black finish. Insulation molded directly onto blade.


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



 1000Volt

 SHOP


**32590** 6 Piece TORX® Set

Item	TORX:	
No.	T8, T9, T10, T15, T20, T25	lbs.
<b>32590</b>		.83

 1000Volt

 SHOP

**32592** 10 Piece TORX® Set







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

## Wiha Insulated Pozidriv® Screwdrivers

 1000Volt



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

Item						
No.	Size	mm	mm	Inch	lbs.	pkg.
<b>32400</b>	0	60	164	6.5	.11	10
<b>32401</b>	1	80	191	7.5	.13	10
<b>32402</b>	2	100	218	8.6	.23	10
<b>32403</b>	3	150	324	12.8	.30	5



 SHOP

**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



[SHOP](#)

**38017 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, 6.0mm	↔
+	⊕	Phillips: 1, 2	lbs.
⊗	⦿	TORX® : T10, T15, T20, T25	.45



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



Insulated

[SHOP](#)

**38016 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, 6.0mm	↔
+	⊕	Phillips: 0, 1, 2, 3	lbs.
⊖	⦿	Square: 1, 2	.45



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



Insulated

[SHOP](#)

**38018 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, 6.0, 8.0mm	↔
+	⊕	Phillips: 0, 1, 2, 3	.45

**Insulated Single-Pole Voltage Detector**

⚡ 1000Volt



[SHOP](#)

**25511 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.
25511	3.0	65	145	5.7	.04	1

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

💡 🔊 ⚡ 1000Volt



[SHOP](#)

**25500 Battery Operated Voltage Detector**

Tests 90-1000 Volts. Category III, CE IEC 61010-1

With audible sound and light warnings. Requires 2 AAA batteries.

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

## Wiha Insulated Belt Pack Pouch Sets

### Insulation Test Standards:

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



 **1000Volt**

[SHOP](#)

**32875 5 Pc. Insulated Pliers/Cutters & SlimLine Screwdrivers In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

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

**32875** 9.0" / 225mm Lineman's Pliers  
8.0" / 200mm Long Nose Pliers

**Insulated SlimLine Screwdrivers:**

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

 lbs. 2.26



[SHOP](#)

 **1000Volt**


**32871 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated multi-bit screwdriver includes Slotted, Phillips & Square bits.

**Item No. Pliers/Cutters & Multi-Bit Set**

**32871** 6.3" / 160mm Diagonal Cutters  
8.0" / 200mm Long Nose Pliers

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

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

 lbs. 1.67



[SHOP](#)

 **1000Volt**

**32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

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

**32872** 6.3" / 160mm Diagonal Cutters  
8.0" / 200mm Long Nose Pliers

**Insulated Screwdrivers:**

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

 lbs. 1.77



[SHOP](#)


 **1000Volt**

**32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch**

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

**Item No. Insulated Pliers & Cutters**

**32873** 6.3" / 160mm Diagonal Cutters  
8.0" / 200mm Long Nose Pliers  
8.0" / 200mm Combination Pliers

 lbs. 2.12

**Wiha Insulated Master Electrician's Tools**

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

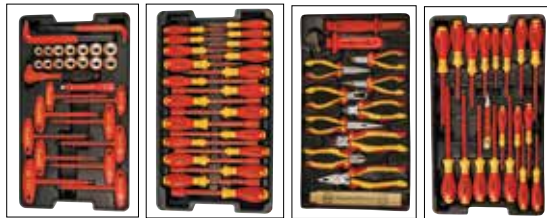


△ 1000Volt

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



[SHOP](#)

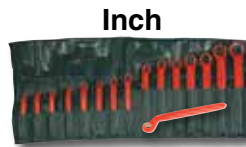


**Wiha Insulated Master Electrician's Tools**

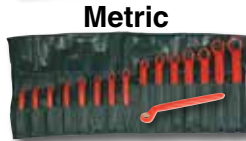
**Insulation Test Standards:**  
Insulation according to EN/IEC 60900, ASTM F-1505, New VDE 0682/part 201, DIN 7437, NFPA70E & CSA



△ 1000Volt



Inch



Metric

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



[SHOP](#)

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

Item# 32800	Set Includes:	↔ lbs. 33.9
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Bent Nose Pliers	6.3" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
<b>Insulated Inch Sockets:</b> 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"	<b>Insulated Slotted:</b> 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm	
<b>Insulated Metric Sockets:</b> 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0mm	<b>Insulated Phillips:</b> #0, 1, 2, 3	
<b>Insulated Ratchet 3/8" Drive</b>	<b>Insulated Xeno Slotted/Phillips Terminal:</b> #1, 2	
<b>Insulated 4.9" Extension 3/8" Dr.</b>	<b>Insulated Square:</b> #1, 2	
<b>Insulated Inch Nut Drivers:</b> 7/32, 1/4, 5/16, 3/8, 7/16"	<b>Insulated TORX:</b> T6, T7, T8, T9, T10, T15, T20, T25, T30	
<b>Insulated Metric Nut Drivers:</b> 5.0, 5.5, 6.0, 7.0, 8.0, 10.0, 13.0mm	<b>Insulated L-key:</b> 10mm	
<b>Insulated T-handle Inch Hex:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	<b>Insulated L-key:</b> 1/2"	
<b>Insulated T-handle Metric Hex:</b> 4.0, 5.0, 6.0, 8.0mm	<b>Insulated Cable Knife:</b> 50mm	
	<b>2 Meter Ruler In/MM</b>	
	<b>Cat. III Voltage Detector-Battery Operated</b>	

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

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

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

Item# 32801	Set Includes:	↔ lbs. 51.3
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Bent Nose Pliers	6.3" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
<b>Insulated Inch Sockets:</b> 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"	<b>Insulated Slotted:</b> 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm	
<b>Insulated Metric Sockets:</b> 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0mm	<b>Insulated Phillips:</b> #0, 1, 2, 3	
<b>Insulated Ratchet 3/8" Drive</b>	<b>Insulated Xeno Slotted/Phillips Terminal:</b> #1, 2	
<b>Insulated 4.9" Extension 3/8" Dr.</b>	<b>Insulated Square:</b> #1, 2	
<b>Insulated Inch Nut Drivers:</b> 7/32, 1/4, 5/16, 3/8, 7/16"	<b>Insulated TORX:</b> T6, T7, T8, T9, T10, T15, T20, T25, T30	
<b>Insulated Metric Nut Drivers:</b> 5.0, 5.5, 6.0, 7.0, 8.0, 10.0, 13.0mm	<b>Insulated T-handle Inch Hex:</b> 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	
<b>Insulated L-key:</b> 10mm	<b>Insulated T-handle Metric Hex:</b> 4.0, 5.0, 6.0, 8.0mm	
<b>Insulated L-key:</b> 1/2"	<b>Insulated Inch Deep Offset Ring Wrenches:</b> 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/4"	
<b>Insulated Cable Knife:</b> 50mm	<b>Insulated Metric Deep Offset Ring Wrenches:</b> 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0, 20.0, 22.0, 24.0, 27.0, 30.0, 32.0mm	
<b>Cat. III Voltage Detector-Battery Operated</b>		
<b>2 Meter Ruler In/MM</b>		

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



80 Pc.  
**BIGGEST SET**

 **1000Volt**

[SHOP](#)

**32877 80 Piece Insulated Master Electrician's Set**

Item# 32877	Set Includes:	 lbs. 27.0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
6.3" Bent Nose Pliers	8.0" BiCut SuperCut	
8.0" Long Nose Pliers	8.0" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Insulated Slotted 2.0mm	Insulated Nut Driver 7/32"	
Insulated Slotted 2.5mm	Insulated Nut Driver 1/4"	
Insulated Slotted 3.0mm	Insulated Nut Driver 5/16"	
Insulated Slotted 3.5mm	Insulated Nut Driver 3/8"	
Insulated Slotted 4.0mm	Insulated Nut Driver 7/16"	
Insulated Slotted 4.5mm	Insulated Nut Driver 5.0mm	
Insulated Slotted 5.5mm	Insulated Nut Driver 5.5mm	
Insulated Slotted 6.0mm	Insulated Nut Driver 6.0mm	
Insulated Slotted 6.5mm	Insulated Nut Driver 7.0mm	
Insulated Slotted 8.0mm	Insulated Nut Driver 8.0mm	
Insulated Slotted 10.0mm	Insulated Nut Driver 10.0mm	
Insulated Phillips #0	Insulated Nut Driver 13.0mm	
Insulated Phillips #1	Insulated T-handle Hex 5/32"	
Insulated Phillips #2	Insulated T-handle Hex 3/16"	
Insulated Phillips #3	Insulated T-handle Hex 7/32"	
Insulated Slit/Ph Terminal #1	Insulated T-handle Hex 1/4"	
Insulated Slit/Ph Terminal #2	Insulated T-handle Hex 5/16"	
Insulated Torx T6	Insulated T-handle Hex 3/8"	
Insulated Torx T7	Insulated T-handle Hex 4.0mm	
Insulated Torx T8	Insulated T-handle Hex 5.0mm	
Insulated Torx T9	Insulated T-handle Hex 6.0mm	
Insulated Torx T10	Insulated T-handle Hex 8.0mm	
Insulated Torx T15	Insulated L-key 10mm	
Insulated Torx T20	Insulated L-key 1/2"	
Insulated Torx T25	Insulated Cable Knife 50mm	
Insulated Torx T30	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**

**32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,**

 **up to 1000 volt. Individually Tested.** Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished.

[SHOP](#)

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

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



**50 Pc. BIG SET**

⚡ 1000Volt

**SHOP**

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

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



**25 Pc. Set**

⚡ 1000Volt

**SHOP**

**32879** 25 Pc. Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

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

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



**13 Pc. Set**

⚡ 1000Volt

**SHOP**

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

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

⚡ 1000Volt



**31 Pc. Set**

**SHOP**

**32896** 31 Pc. Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Set includes 6ft. Fiber glass folding ruler.

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


## Wiha Insulated Pliers with High Visibility Comfort Grip Handle




 1000Volt

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

**32891 10 Piece Pliers & Screwdriver Set** [SHOP](#)

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


<b>Item# 32891</b>	<b>Set Includes:</b>	 lbs. 5.54
8.0" Combination Pliers	8.0" Long Nose	
8.0" BiCut SuperCut	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

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

**32895 14 Piece Pliers & Screwdriver Set** [SHOP](#)


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

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



 1000Volt


**32888 11 Piece Pliers & Screwdriver Set** In Canvas Pouch [SHOP](#)


**Item# 32888** **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


**32892 10 Piece Pliers & Screwdriver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag [SHOP](#)

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



 1000Volt

**32894 12 Piece Pliers & Screwdriver Set** In canvas tool bag [SHOP](#)

**Item# 32894** **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.



**SHOP**



**SHOP**

**1000Volt**

**32889 8 Piece Pliers & Cutters Set**  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.

<b>Item# 32889</b>	<b>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" BiCut SuperCut	
6.3" Wire Stripping Pliers	Electrician's Knife	

**1000Volt**

**32869 14 Piece Pliers/Cutters & Screwdrivers Set**  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.

<b>Item# 32869</b>	<b>Set Includes:</b>	↔ lbs. 6.52
9.0" Lineman's Pliers	8.0" BiCut SuperCut	
8.0" Cable Cutters	8.0" Long Nose Pliers	
6.0" Stripping Pliers 10-20 AWG		
SlimLine Slotted 3.0mm	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		



**SHOP**

**1000Volt**

**32867 10 Piece Pliers & Screwdriver Set In Canvas Pouch**

<b>Item# 32867</b>	<b>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		



**SHOP**

**1000Volt**

**32868 10 Piece Pliers & Screwdriver Set In Canvas Pouch**

<b>Item# 32868</b>	<b>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.

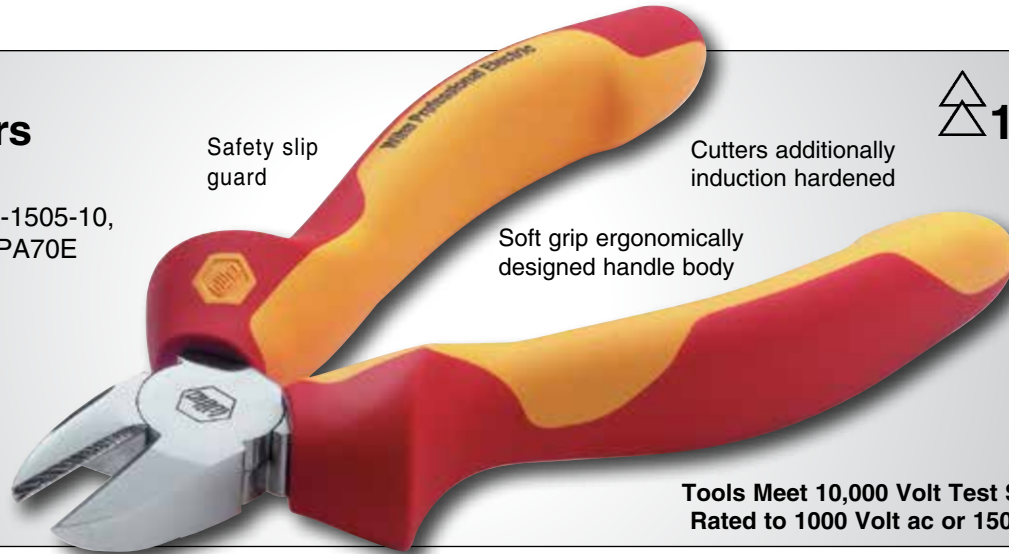
**Use & Care Guide For Insulated Tools:**

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.

## Insulated Pliers & Cutters

**Insulation Standards:**  
EN/IEC 60900, ASTM F-1505-10, VDE 0682/part 201, NFPA70E and CSA

Hard chrome finish for long lasting corrosion protection



Safety slip guard

Cutters additionally induction hardened

Soft grip ergonomically designed handle body

 1000V

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

### Insulated Linemans Pliers With Crimpers

64HRC cutting edges

5-In-1 Lineman's Pliers



 1000volt

With Lower Crimping Jaw

[SHOP](#)

**32821 Insulated Lineman's Pliers "5-In-1" Professional Design** Insulation According to EN/IEC, ASTM, NFPA70E & CSA,  up to 1000 volt. Individually Tested.

Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Made from premium CV tool steel forgings. Two component cushion grips for best user comfort.


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

### Insulated Combination Lineman's Pliers



 1000volt

[SHOP](#)


**328 Combination Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746 Extra long cutting edge for flat & round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. 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	↔	↔	Cutting Capacity		🔌	🔌
No.	mm	Inch	Copper AWG	Pkg.	wt.	
32814	160	6.3	#10	1	.53	
32816	180	7.0	#9	1	.58	
32818	200	8.0	#8	1	.72	

### Insulated High Leverage Combination Pliers

Lineman's



 1000volt

[SHOP](#)

**32820 High Leverage Combination Pliers.** Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. C60 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.


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

### Insulated Crimping Pliers



 1000volt

[SHOP](#)

**32841 Insulated Crimping Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. CV 60 special tool steel hardened & tempered.

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


**Insulated Diagonal Cutters**

64HRC cutting edges



 **1000volt**



**328** Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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 No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32830	140	5.5	#6	1 .47
32832	160	6.3	#6	1 .49
32834	180	7.0	#6	1 .62

**Insulated Serrated Edge Cable Cutters**



 **1000volt**



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

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

**Insulated High Leverage Diagonal Cutters**




 **1000volt**



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



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

Item No.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
32835	160	6.3	#6	1 .64
32836	180	7.0	#5	1 .67
32838	200	8.0	#4	1 .80


**Insulated Stripping Pliers**

64HRC cutting edges



 **1000volt**



**32860** Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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 No.	Stripping Capacity			Pkg.	wt.
	mm	Inch	Copper AWG		
32860	160	6.3	#8 - #28	1	.50


**Insulated Electrician's Diagonal Cutters**

Strips AWG #10 & #14



 **1000volt**



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

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

**Insulated Stripping Pliers**



 **1000Volt**



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


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

## Insulated Long Nose Pliers



 1000volt

[SHOP](#)

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


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

## Insulated Round Nose Pliers



 1000volt

[SHOP](#)

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


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

## Insulated Bent Nose Pliers



 1000volt

[SHOP](#)

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


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

## Insulated Long Flat Nose Pliers



 1000volt

[SHOP](#)

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

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

## Pen Style Control Cabinet Key



For applications with all common switch cabinets and locking systems

[SHOP](#)

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

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

## Switch Cabinet Key



[SHOP](#)

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

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

## Wiha Canvas Pliers Holster

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

[SHOP](#)

**91256** Pliers Canvas Holster

Item	Width	Height	↔	↔
No.	Size	Size	lbs.	pkg.
91256	3.5 x	6.75	.15	1



## Protturn Insulated Electrician's Shears

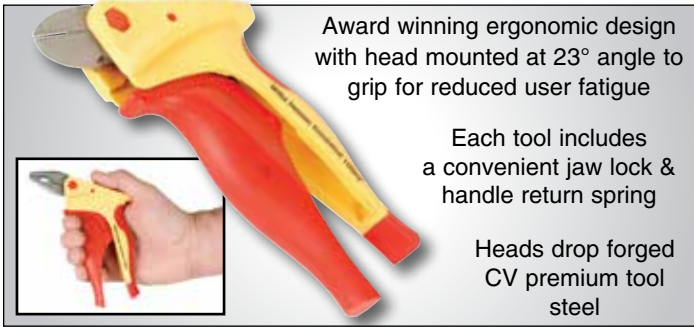


[SHOP](#)

**32951** Protturn Insulated Electrician's Shears Insulation meets VDE, ASTM F1505, EN/IEC 60900, CSA, NFPA 70E, OSHA Specifications. Made from stainless 420 grade steel

Item	↔		↔	
No.	mm	Inch	Pkg.	lbs.
32951	160	6.3	1	.22

**Wiha Inomic 1000Volt Insulated Pliers**



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

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel

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

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



Holds any Inomic Pliers

**SHOP**

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



**SHOP**

**32850 Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749** Precision machined forged head. Induction hardened for longest tool life. Cross hatched flat jaw & deep cut radius jaws for secure gripping of the work piece. Cutting edges are matched for precise cutting action. Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue. Palm side of grip has molded soft panel for added comfort in prolonged use.

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
32850	180	7.0	#6	1	.46

**32852 Inomic Long Nose Pliers**

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
32852	160	6.3	#6	1	.43

**32854 Inomic Diagonal Cutters**

Item			Cutting Capacity		
No.	mm	Inch	Copper AWG	Pkg.	lbs.
32854	160	6.3	#6	1	.41

**Insulation Standards:**

EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA



**32859 3 Pc. Insulated Inomic Pliers/Cutters Set** Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue.

<b>Item# 32859</b>	<b>Set Includes:</b>		lbs. 1.45
32850 - Combo Pliers	32854 - Diagonal Cutters		
32852 - Long Nose Pliers	91230 - Inomic Holster (Includes 3)		

**Insulated Water Pump Pliers**



1000volt

**SHOP**

**32954 Insulated Industrial Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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.
32954	250	10.0	1 3/4	2	1	.90

**Insulated Push Button Water Pump Pliers**



1000volt

**SHOP**

**32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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.
32956	250	10.0	1 3/4	2"	1	.90

## Insulated Industrial Pliers & Cutters

Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards  
10,000 Volt tested  
1000 Volt Rated



Industrial brushed finish

Ergo comfort grip with slip guard



Induction hardened jaws and cutters to 64 HRC

Two component ergo cushion grip handles

**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

64HRC cutting edges



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

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

## Insulated Long Nose Pliers With Cutters



1000volt



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

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

## Insulated High Leverage Diagonal Cutters



1000volt



**32939 Insulated Industrial High Leverage Diagonal Cutters. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5749** Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C60 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.	
32939	200	8.0	#4	1	.66	

## Insulated Diagonal Cutters



Long life high performance dynamic 60/40 joint



1000volt



**329 Insulated Industrial Diagonal Cutters. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000Volt Rated. Individually Tested. DIN ISO 5749** Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. Special tool steel hardened & tempered. For soft, medium hard wire & piano wire.

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

## Insulated Stripping Pliers



1000volt



**32947 Insulated Industrial Stripping Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000Volt Rated. Individually Tested. DIN ISO 5745** Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 64HRC. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

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

**Insulated Combo Pliers With Dynamic Joint**


 1000volt







Long life high performance dynamic 60/40 joint



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

Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746 Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard.

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


**Insulated Heavy Duty Cable Cutters**





 1000volt





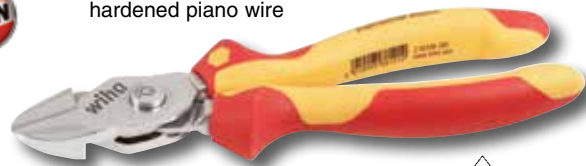
**32927 Insulated Industrial Serrated Edge Cable Cutters.**

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

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

**Insulated BiCut SuperCut**

Cutting capacity up to 3mm hardened piano wire







 1000volt



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

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

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




**Insulated TriCut Strippers & Cutters**

 1000volt





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

According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Induction hardened cutters & strippers. Cuts cable, strips cable, strips wire leads. Unique 3 in 1 design provides faster combined cutting and stripping. Strips AWG sizes #10 & #14.

Item				
No.	mm	Inch	AWG	Pkg.
32944	170	6.7	#6	1


**Insulated Crimpers**





 1000volt





**32945 Insulated Industrial Crimping Pliers. Insulation**

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

Item				
No.	mm	Inch	mm2	AWG
32945	180	7.0	0.25-2.5	6-30

**Insulated BiCut SuperCut & Screwdriver Set**

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



 1000volt





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

Ergonomic two component molded grips. 10,000 Volt tested

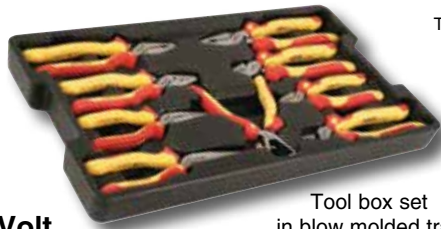
Item No.	Insulated BiCut SuperCut:
32942	8.0"/200mm BiCut SuperCut
Insulated Cushion Grip Screwdrivers:	
lbs.	Phillips: #0, #1, #2
1.86	Slotted: 3.0, 4.5, 5.5mm

## Wiha Insulated Industrial Tool Sets



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**32982 3 Pc. Insulated Industrial Pliers/Cutters & Voltage Detector**  
**Item No. Insulated Pliers/Cutters & Cat. III Voltage Detector**  
**32982** 6.3" Long Pliers, 6.3" Diagonal Cutters  
 Voltage Detector with both light and sound alerts  
 lbs. .98



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

Tool box set in blow molded tray

[SHOP](#)

**1000Volt**

**32999 9 Piece Insulated Industrial Pliers & Cutters Set**  
 Insulated pliers & cutters set in a light weight tool box tray.

<b>Item No.</b>	9.0" Lineman's Pliers	8.0" High Lev. Combo Pliers
<b>32999</b>	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
	8.0" Diagonal Cutters	



In Belt Pack Pouch

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

[SHOP](#)

**1000Volt**

**32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers**  
**Item No. Insulated Pliers/Cutters & Screwdrivers**  
**32985** 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

Individually Tested

**1000Volt**

**32981 3 Pc. Insulated Industrial Pliers & Cutters**  
**Item No. Insulated Pliers & Cutters**  
**32981** 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters  
 lbs. 2.18

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

Individually Tested

**1000Volt**

**32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers**  
**Item No. Insulated Diagonal Cutters & Screwdrivers**  
**32983** 6.3"/160mm Diagonal Cutter  
**Insulated Drivers:** Slotted: 3.0, 4.5mm • Phillips: #1, #2  
 lbs. 1.17

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

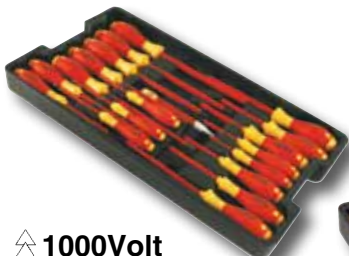
Individually Tested

**1000Volt**

**32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers**  
**Item No. Insulated Combination Pliers & Screwdrivers**  
**32984** 8.0" Combination Pliers & 8" Long Nose Pliers  
**Drivers:** Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2  
 lbs. 2.06

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## Wiha Insulated Tool Tray Sets



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

**1000Volt**

Tool box set in blow molded trays



**32989 28 Piece Insulated Industrial Pliers & Cutters Set**  
 Insulated pliers & cutters set in a light weight tool box tray.

<b>Item No.</b>	<b>Set Includes:</b>	
<b>32989</b>	9.0" Lineman's Pliers	lbs. 6.34
	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	
	Cat. III Voltage Detector - Battery Operated	

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**Wiha Insulated Industrial Tool Sets**

In Roll  
Out  
Pouch



⚡ 1000Volt



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**32986 11 Pc. Pliers & Screwdriver Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch  
**Item# 32986 Set Includes:** ⚡ lbs. 3.62  
 6.3" Long Nose Pliers      6.3" Diagonal Cutters  
 8.0" Combination Pliers      6.3" Stripping Pliers  
 Insulated Slotted: 3.0, 4.5, 5.5mm  
 Insulated Phillips: #1, #2      Insulated Square: #1, #2

In Roll  
Out  
Pouch



⚡ 1000Volt



[SHOP](#)

**32987 8 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch  
**Item# 32987 Set Includes:** ⚡ lbs. 5.52  
 6.3" Long Nose Pliers      6.3" Diagonal Cutters  
 8.0" Long Nose Pliers      8.0" H.D. Diagonal Cutters  
 9.0" Lineman's w/Cutters      6.3" Stripping Pliers  
 8.0" Cable Cutters      7.0" Crimpers

⚡ 1000Volt

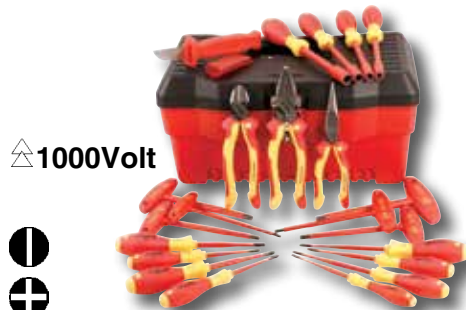


In Roll  
Out  
Pouches



[SHOP](#)

**32988 22 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouches  
**Item# 32988 Set Includes:** ⚡ lbs. 5.74  
 8.0" Long Nose Pliers      6.3" Diagonal Cutters  
 9.0" Lineman's w/Cutters      8.0" H.D. Diagonal Cutters  
 8.0" Cable Cutters      6.3" Stripping Pliers  
 7.0" Crimping Pliers  
 15 Pc. *SlimLine* Blade Set includes: Insulated *SlimLine* Blade Holder  
 Slotted: 3.0, 4.0, 5.5, 6.5      Phillips: #1, #2      Xeno: #1, #2  
**TORX**: T8, T10, T15, T20      Square: #1, #2



⚡ 1000Volt



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**32973 22 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In molded tool box  
**Item# 32973 Set Includes:** ⚡ lbs. 8.70  
 9.0" Linemans Pliers W/Cutters      8.0" Long Nose Pliers W/Cutter  
 8.0" Diagonal Cutters      50mm Cable Stripping Knife  
 Insulated Slim Phillips #1, 2      Insulated Slim Slotted 3.5, 4.5mm  
 Insulated Slim Xeno #1, 2      Insulated Slim Square #1, 2  
 Insulated T-handle Hex Inch: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"  
 Insulated Inch Nut Drivers: 3/8, 7/16, 1/4, 5/16"



Now in  
canvas  
tool bag

⚡ 1000Volt



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**32390 11 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas tool bag  
**Item# 32390 Set Includes:** ⚡ lbs. 6.30  
 8.0" Linemans Pliers      6.3" Long Nose Pliers W/Cutter  
 8.0" Long Nose Pliers W/Cutter      6.3" Diagonal Cutter  
 8.0" High Leverage Cutter  
 Insulated Phillips #0, 1, 2      Insulated Slotted 3.0, 4.5, 6.5mm



⚡ 1000Volt

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**32399 10 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas zipper pouch  
**Item# 32399 Set Includes:** ⚡ lbs. 5.74  
 8.0" Linemans Pliers      8.0" Long Nose Pliers W/Cutter  
 8.0" Diagonal Cutter      6.3" Wire Stripper  
 10.0" Adjustable Pliers  
 Insulated Phillips #1, 2      Insulated Slotted 3.0, 4.5, 6.5mm

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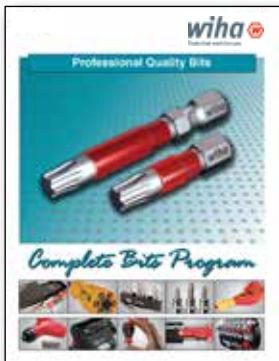
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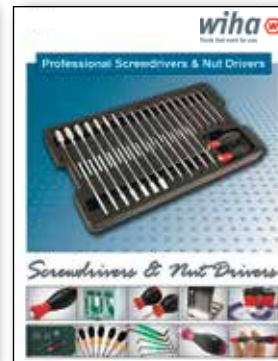
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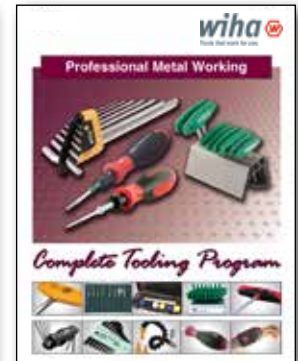
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