

2019



wiha 

Tools that work for you

# PROFESSIONAL INSULATED TOOLS



#32800

Supporting Arc Flash Protection

## COMPLETE INSULATED PROGRAM



Wrenches • Electrician's Knives • L-keys • Bit Sockets • Sockets & Accessories  
Cable Cutters • Hacksaw • SlimLine Blades • Precision Drivers • TorqueControl  
Bit Holder Sets • Cushion Grip Drivers • Pliers & Cutters • Wire Strippers • Tweezers

2 Tools that work for you

**Arc Flash Protection:**

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

**ARC FLASH**

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

**WHY ARC FLASHES HAPPEN**

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

**ARC FLASH COMPLIANCE**

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

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

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

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

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

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**OSHA**

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

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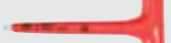

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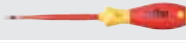

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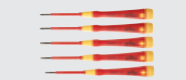
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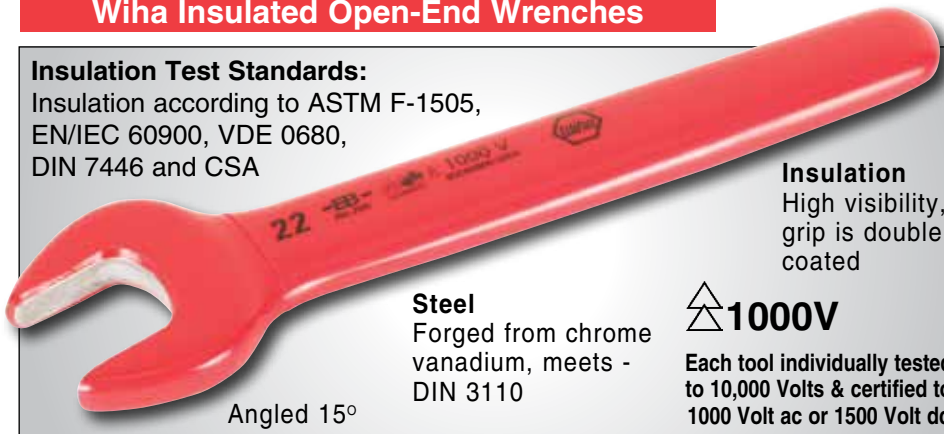
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## Wiha Insulated Open-End Wrenches

### Insulation Test Standards:

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



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

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

**1000V**

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

Angled 15°



### 1000Volt

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

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

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



### 1000Volt

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

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



### 1000Volt

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

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



### 1000Volt

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

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



### 1000Volt

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

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



### 1000Volt

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

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

**Wiha Insulated Open-End Wrenches**


 **1000Volt**



In Tool Box Tray

**20194 13 Piece Insulated Inch Open**

**End Wrench Set** In Tool Box Tray

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


In Tool Box Tray



 **1000Volt**

**20196 13 Pc. Insulated Metric Open**

**End Wrench Set** In Tool Box Tray

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

**Wiha Insulated Ratchet Wrenches**

**Insulation Test Standards:**

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



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

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


 **1000V**



 **1000Volt**

**213 1/2 Inch Insulated Ratchet Wrenches, With Insulated Handle Insulation According to EN/IEC 60900, ISO 3110 Specification, Up To 1000 Volt. Individually Tested.**

Blade chrome-vanadium steel, hardened.


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



 **1000Volt**

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


Blade chrome-vanadium steel, hardened.

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



 **1000Volt**


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

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



 **1000Volt**

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

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

## Wiha Insulated Deep Offset Ring Wrenches

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



Steel Forged from chrome vanadium, meets - DIN 3110

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

**1000V**



**1000Volt**

**1000Volt**



**1000Volt**

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

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

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

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

**1000Volt**



**1000Volt**

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

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

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

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

### 210 Insulated Inch Offset Ring Wrenches

Blade CV steel, hardened.

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



**1000Volt**

### 210 Insulated Metric Offset Ring Wrenches

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

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

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

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



## Wiha Insulated Hex L-keys



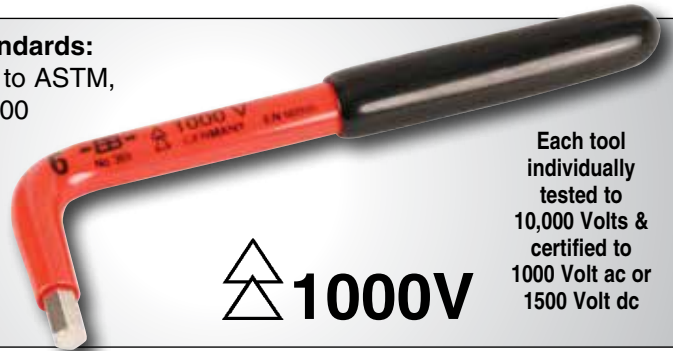
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**136** Inch Insulated Hex L-keys, With Insulated Handle. Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.	Hex	OAL	Inch	Inch	lbs.	pkg.
13670	1/16	79	3.1	.375	.05	1
13671	5/64	84	3.3	.50	.05	1
13672	3/32	89	3.5	.625	.05	1
13673	7/64	94	3.7	.625	.06	1
13663	1/8	104	4.1	1.0	.06	1
13665	5/32	104	4.1	1.0	.06	1
13666	3/16	134	5.3	1.25	.10	1
13667	7/32	134	5.3	1.5	.12	1
13668	1/4	134	5.3	1.5	.16	1
13669	5/16	144	5.7	1.5	.24	1
13662	3/8	234	9.2	1.63	.51	1
13664	1/2	234	9.2	1.63	.77	1

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

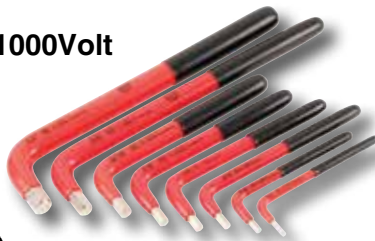
**Insulation**  
Applied directly onto blade for permanent bonding



1000V

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

1000Volt



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

Item No.	Hex	OAL	Hex	OAL	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	



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

Item No.	Hex	OAL	Hex	OAL	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	



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

Item No.	Hex	OAL	Inch	mm	lbs.	pkg.
13650	1.5	100	3.9	.50	.09	1
13651	2.0	105	4.1	.50	.09	1
13652	2.5	115	4.5	.625	.09	1
13653	3.0	130	5.1	.75	.10	1
13654	4.0	120	4.7	1.125	.10	1
13655	5.0	140	5.5	1.375	.10	1
13656	6.0	140	5.5	1.375	.13	1
13658	8.0	150	5.9	1.375	.24	1
13659	10.0	220	8.7	1.375	.51	1
13657	12.0	260	10.2	1.625	.77	1



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

Item No.	Hex	OAL	Hex	OAL	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			

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

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



### Wiha Insulated Hex Bit Sockets



1000Volt

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

Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions



1000Volt

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

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

Item No.	Set includes the following:
31890	3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"
lbs. 1.7	



1000Volt

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

Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions

### Wiha Insulated Socket Adapters / Reducers



1000Volt

#31350 #31450 #31460 #31650

#### Insulated Socket Adapters / Reducers

CV steel, forged, oil-hardened.

Item No.	Size	lbs.	pkg.
31350	1/4 - 3/8	.05	1
31450	3/8 - 1/2	.11	1
31460	3/8 - 1/4	.12	1
31650	1/2 - 3/8	.22	1

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

Metric - 6 Point

1000Volt



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

Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions

Metric - 6 Point

1000Volt



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

Chrome-vanadium steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions

1000Volt



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

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

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

1000Volt



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

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

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

## Wiha Insulated 1/4" Sets & Accessories



 1000Volt

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

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

<b>31394</b>	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16"
lbs. 1.40	Insulated 1/4" T-handle

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



 1000Volt

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

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

<b>31395</b>	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs. 1.40	Insulated 1/4" T-handle



 1000Volt

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

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

 1000Volt



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

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

 1000Volt



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

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

## Wiha Insulated 3/8" Sockets



 1000Volt

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

CV steel, forged, oil-hardened.

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

\*Sockets must be used with insulated ratchets & extensions



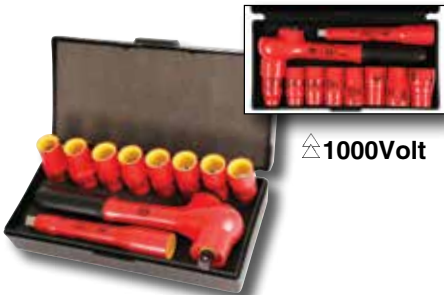
 1000Volt

**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.	↔ lbs.	↔ lbs.
<b>31506</b>	6.0	.07		1
<b>31507</b>	7.0	.07		1
<b>31508</b>	8.0	.07		1
<b>31509</b>	9.0	.07		1
<b>31510</b>	10.0	.07		1
<b>31511</b>	11.0	.08		1
<b>31512</b>	12.0	.10		1
<b>31513</b>	13.0	.10		1
<b>31514</b>	14.0	.10		1
<b>31515</b>	15.0	.10		1
<b>31516</b>	16.0	.10		1
<b>31517</b>	17.0	.11		1
<b>31518</b>	18.0	.12		1
<b>31519</b>	19.0	.14		1
<b>31520</b>	20.0	.15		1
<b>31521</b>	21.0	.17		1
<b>31522</b>	22.0	.18		1
<b>31524</b>	24.0	.26		1

\*Sockets must be used with insulated ratchets & extensions

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



⚡ 1000Volt

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

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

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

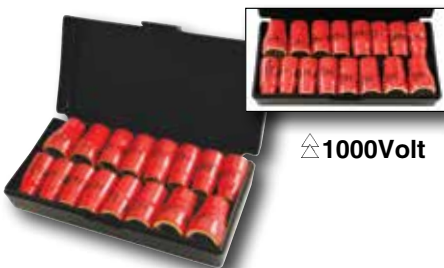


⚡ 1000Volt

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

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

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

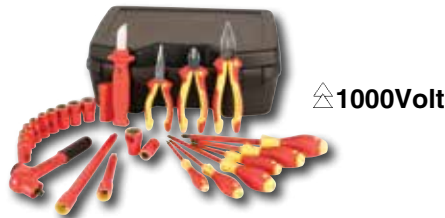


⚡ 1000Volt

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

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

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



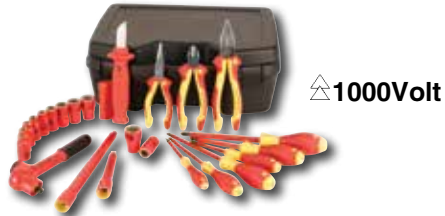
⚡ 1000Volt

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

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

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

\*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

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

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

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

\*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

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

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

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



⚡ 1000Volt

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

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

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

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

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

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

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



⚡ 1000Volt

**128 Insulated 3/8" Extension Bars,**

<b>EN/IEC 60900</b>	Chrome-Vanadium steel.				
<b>Item No.</b>	<b>OAL</b>	<b>OAL</b>	<b>↔</b>	<b>⊞</b>	
	Inch	mm	Inch	lbs. pkg.	
12856	3/8"	125	4.9	.41 1	
12857	3/8"	250	9.8	.57 1	



⚡ 1000Volt

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

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

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

## Wiha Insulated 1/2" Sockets & Sets

### 1000Volt



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

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

\*Sockets must be used with insulated ratchets & extensions



Individually Tested

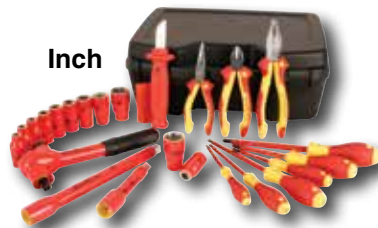
### 1000Volt

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

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

\*Sockets must be used with insulated ratchets & extensions

### Inch



### 1000Volt

**31790** 24 Piece Insulated 1/2" Drive

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

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

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

### 1000Volt



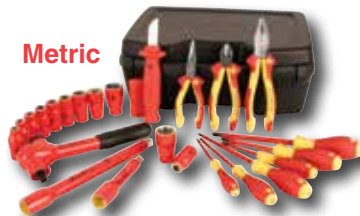
**31792** 14 Pc. Insulated 1/2" Drive Socket

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

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

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

### Metric



### 1000Volt

**31691** 24 Piece Insulated 1/2" Drive

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

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

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

### 1000Volt

**31694** 14 Pc. Insulated 1/2" Drive

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

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

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

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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

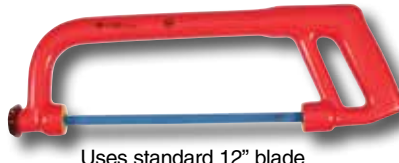


**1000Volt**

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

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

**Wiha Insulated Hacksaw**



Uses standard 12" blade

**1000Volt**

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

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

**Insulated Pliers Wrench**



1-7/8" / 49mm Jaw Capacity



**1000Volt**

**11610 Pliers Wrench, 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.	
11610	254	10.0"	1.67	1	

**Insulated Cable Cutters**

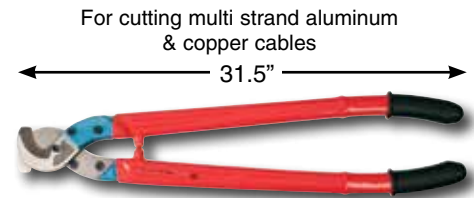


**1000Volt**

For cutting solid aluminum & copper conductors

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

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



For cutting multi strand aluminum & copper cables

31.5"

**1000Volt**

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

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



For cutting solid aluminum, copper & medium hard wires

**1000Volt**

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

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

## Wiha Insulated Ratcheting Cable Cutters

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



**1000Volt**

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

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



**1000Volt**

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

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

## Wiha Insulated Serrated Tweezers

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings

10,000 Volt tested 1000Volt rated



Carbon steel with chrome nickel plated

**1000V**



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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





## Wiha Insulated TorqueControl & SlimLine Tool Sets



In Roll-up Pouch

With Certificate of Calibration

1000Volt

Certified to EN ISO 6789, BS EN 26789, ASME B107.14M Specifications



**28791 8 Piece Insulated TorqueControl Set With Slotted & Phillips SlimLine Blades**

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

**Item No. Slotted:** 3.0, 4.0, 5.5mm

**28791 Phillips:** #1, 2

28726-Handle Range 10-50 Inch/lbs.

↔ lbs. .87



In Roll-up Pouch



1000Volt

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

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

**Item No.**

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

**SlimLine Phillips:** #1, 2

**SlimLine Terminal Xeno:** #1, 2

**SlimLine TORX®:** T8, T10, T15, T20

**SlimLine Square:** #1, 2

28727 - Handle Range 18-62 Inch/lbs.

SlimLine Blade Holder

↔ lbs. 1.27

With Certificate of Calibration



1000Volt

**28795 12 Pc. Insulated TorqueControl Set With SlimLine Blades**

Certified to EN ISO, BS EN, ASME. Set includes Insulated multi-component adjustable TorqueVario-S Nm handle, SlimLine Blade Holder Handle, 8 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

**Item No.**

**28795 SlimLine Slotted:** 4.0, 5.5, 6.5mm

**SlimLine Phillips:** #1, 2

**SlimLine Pozidriv®:** #1, 2

**SlimLine Terminal Xeno SI/Pz:** #2

28736 - Handle Range 0.8 - 5.0 Nm

SlimLine Blade Holder Handle

SlimLine Blade Holder

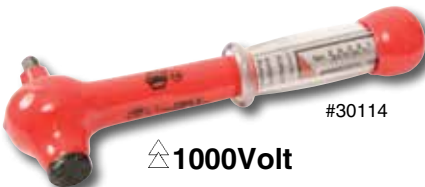
↔ lbs. 1.32

With Certificate of Calibration

## Wiha Insulated Torque Ratchet Wrench Sets



#30138



#30114

1000Volt

**301 Insulated Torque Ratchet Wrenches, 1/4, 3/8, 1/2" Drives Insulated to EN/IEC 60900:2004, ASTM F1505, CSA Standards**

Visible reading scale for easy reading and adjustment. Locking endcap Torque adjuster for easy adjustment. Accuracy +/- 10%. Dual scale reading Ft. lbs. / Nm.

Item No.	Inch	OAL mm	OAL Inch	Nm	Ft. 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



1000Volt

**30190 16 Pc. Insulated 3/8" Drive Ratcheting Torque Wrench & Socket Set - 1 Inch CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.**

Item No.	Inch 3/8" Drive Sockets:
30190	1/4, 9/32, 5/16, 11/32, 3/8, 7/16
↔ lbs.	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"
8.80	3/8" x 125mm Extension Bar
	3/8" x 250mm Extension Bar
	3/8" Drive Ratcheting Torque Wrench - 5-50 Nm

\*Sockets must be used with insulated ratchets & extensions



1000Volt

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

Item No.	Metric 3/8" Drive Sockets:
30192	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20mm
↔ lbs.	3/8" x 125mm Extension Bar
8.80	3/8" x 250mm Extension Bar
	3/8" Drive Ratcheting Torque Wrench - 5-50 Nm

\*Sockets must be used with insulated ratchets & extensions



**Wiha Insulated TorqueControl Tools**

Includes Certificate



**1000Volt**

\*Requires SlimLine blade holder #28350

**287 Insulated TorqueVario-S, With Window Scale Insulation up to 1000Volt. EN/IEC 60900 EN ISO 6789, BS EN 26789, ASME B107.14M & CSA, +/- 6% Accuracy.**

Ergonomic multi-component handle, light & compact. Handle sizes proportioned to optimize torque range. Audible & perceptible click when torque setting has been attained.

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

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

Item No.	Range	Nm	mm	lbs.	pkg.
28734	0.5 - 2.0	131	.45	1	
28736	0.8 - 5.0	138	.45	1	
28738	2.0 - 7.0	142	.72	1	

Each TorqueVario handle has unique serial number & certificate of calibration



**1000Volt**

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

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

NOTES:

Blank lines for notes.



\* Includes Certificate

\* Includes SlimLine blade holder #28350

\* Requires SlimLine Blades

**1000Volt**



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

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

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

Item No.	Range	Nm	mm	lbs.	pkg.
28740	0.5 - 2.0	131	.64	1	
28741	0.8 - 5.0	138	.56	1	
28742	2.0 - 7.0	142	.84	1	

Each TorqueVario handle has unique serial number & certificate of calibration

**Wiha Insulated Easy TorqueControl Adapters**



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

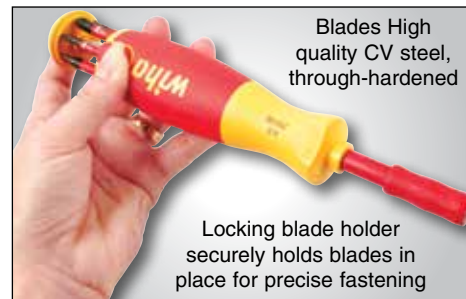


**1000Volt**

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

Item No.	OAL	OAL	Inch	lbs.	pkg.	
28366	0.8	7.0	60	2.38	.13	1
28367	2.0	17.7	60	2.38	.13	1
28368	2.5	23.1	60	2.38	.13	1
28369	2.8	24.7	60	2.38	.13	1
28371	4.0	35.4	60	2.38	.13	1

**Wiha Insulated Pop-Up SlimLine Sets**



Blades High quality CV steel, through-hardened

Locking blade holder securely holds blades in place for precise fastening

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

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



"Apprentice"

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

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

**28393 Set includes the following blades:**

- ↓ Slotted: 3.0, 4.0, 5.5, 6.5mm
- ⊕ Phillips: #1, #2
- ↔ lbs. .38



**1000Volt "Residential"**

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

**28394 Set includes the following blades:**

- ↓ Slotted: 3.0, 4.0mm
- ⊕ Phillips: #1, #2
- ⊖ Square: #1, #2
- ↔ lbs. .38



**1000Volt "MRO"**

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

**28395 Set includes the following blades:**

- ↓ Slotted: 3.0, 4.0mm
- ⊕ Phillips: #1, #2
- ⊕ Terminal Xeno: #1, #2
- ↔ lbs. .38



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

## Wiha Insulated SlimLine Blade Sets



△1000Volt



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

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



△1000Volt



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

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



△1000Volt



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

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



△1000Volt



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

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

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

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



△1000Volt



## Wiha Cushion Grip SlimLine Blade Holder



△1000Volt



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

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



△1000Volt

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

<b>Item No.</b>	<b>Size</b>	<b>mm</b>	<b>Inch</b>	<b>lbs.</b>	<b>pkg.</b>
<b>28304</b>	1/4"	114	4.5	.21	1



△1000Volt

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

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

SlimLine Handles Hold SlimLine Blades

33% Narrower Insulation Diameter

Slim Diameter



**Wiha Insulated SlimLine Blades**

**Insulation Test Standards:**

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

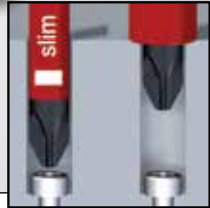
Integrated Slim Insulation molded directly onto blade

Insulation does not exceed screw head diameter

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

High quality CV steel, through-hardened

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



**283 Insulated Slotted SlimLine Blades**

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

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



**283 Insulated Phillips SlimLine Blades**

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

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

**1000Volt**



**28396 20 Piece Insulated SlimLine Blade Set**

High quality CV steel, through hardened. Friction hold, stubby cushion grip handle. In zipper case.

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



**283 Insulated Pozidriv SlimLine Blades**

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

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



**283 Insulated Xeno Slotted/Pozidriv SlimLine Blades**

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

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



**283 Insulated Xeno Slotted/Phillips SlimLine Blades**

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

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



**283 Insulated Square SlimLine Blades**

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

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



**283 Insulated TORX SlimLine Blades**

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

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



**283 Insulated Hex Metric SlimLine Blades**

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ 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



**28372 7 Piece SlimLine Blade Set**

High quality CV steel, through hardened, black finish.

Item No.	Slotted: 2.5, 3.5, 5.5mm	
28372	Phillips: #1, #2	lbs.
	Square: #1, #2	.14



**28373 7 Piece SlimLine Blade Set**

High quality CV steel, through hardened, black finish.

Item No.	Slotted: 2.5, 3.5, 5.5mm	
28373	Phillips: #1, #2	lbs.
	Xeno Sl/Ph: #1, #2	.14

## E-SCREWDRIVER speedE® ELECTRIC

### speedE that works for you



- **Protects your material** Electric fastening with a protective function to prevent damage to materials (max. 0.4 Nm = 3.5 in/lbs.)
- **Increases your control** Fixing by hand with full sensitivity
- **Increase your speed** Electronic ratchet for rapid fastening without any re-gripping
- **Increases your efficiency** 100% compatible with the Wiha slimLine blade system
- **Maximum freedom** of choice Open system with a rechargeable standard battery
- **Offers you full protection** slimLine blades tested at 10,000 V AC & approved for 1,000 V AC



**Packaging**  
H 2-5/8"  
W 10-1/4"  
L 6-1/8"

### Wiha Insulated Easy TorqueControl Adapters

Add more torque to your speedE with Easy TorqueControl adapters



### 283 Insulated Easy-TorqueControl

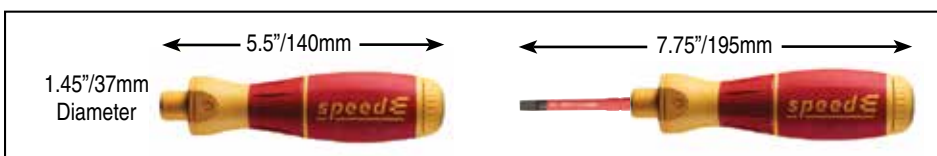
**Adapters** Ideal for torque sensitive terminations. For use with SlimLine blades. Repeatability accuracy to +/- 10%

Item No.	Nm	In/lbs	OAL mm	OAL Inch	⚡ lbs.
28366	0.8	7.0	60	2.38	.13
28367	2.0	17.7	60	2.38	.13
28368	2.5	23.1	60	2.38	.13
28369	2.8	24.7	60	2.38	.13
28371	4.0	35.4	60	2.38	.13

**32480 13 Pc. speedE Electric Screwdriver With SlimLine Blades**  
Certified to EN ISO, BS EN, ASME. Set includes speedE electric 0.4 Nm, 8 Insulated SlimLine blades, 2 Li-Ion rechargeable batteries & wall plug adapter/charger.

Item No.	speedE Screwdriver: Handle Range 0.4 Nm	Insulated SlimLine Blades Include:	⚡ lbs.
32480		SlimLine Slotted: 3.5, 5.5mm	2.14
		SlimLine Phillips: #1, #2	
		SlimLine Square: #1, #2	
		SlimLine Terminal Xeno SI/Ph: #1, #2	

\*speedE electric screwdriver is only insulated when used with Wiha SlimLine blades

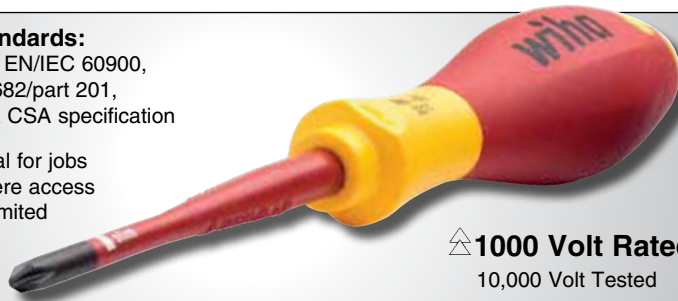


**Wiha Insulated SlimLine Screwdrivers**

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

Ideal for jobs  
where access  
is limited

Integrated Slim  
Insulation molded  
directly onto blade



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



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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

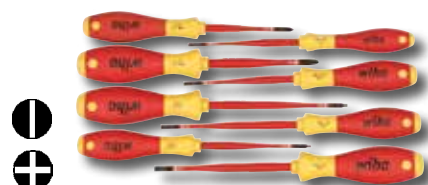
Item No.	Size	mm	mm	lbs.	Pkg.
32512	T10s	100	204	.08	1
32513	T15s	100	211	.12	1
32514	T20s	100	211	.12	1
32515	T25s	125	243	.18	1
32517	T27s	125	243	.21	1
32518	T30s	125	243	.21	1
32519	T40s	150	268	.26	1



**1000Volt**

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

Item No.	Slotted:	Phillips:	Xeno:	Square:
32198	#1, 2	#1, 2	#1, 2	#1, 2



**1000Volt**

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

Item No.	Slotted:	Phillips:	Square:
32197	#1, 2	#1, 2	#1, 2

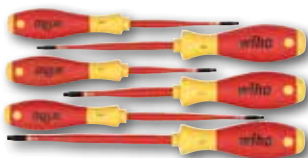


## Wiha Insulated SlimLine Screwdriver Sets



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

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



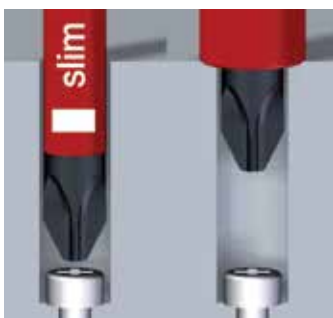
### 1000Volt

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

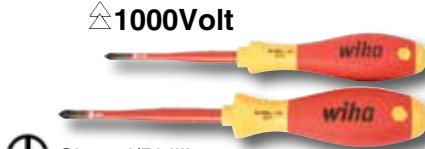
Item No.	Security TORX®: T10s, T15s, T20s, T25s, T27s, T30s	lbs.
32596		1.18

### Wiha Slim TECHNOLOGY

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



### 1000Volt



### Slotted/Phillips

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

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



### 1000Volt

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

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



### 1000Volt



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

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

## Insulated PicoFinish Precision Screwdrivers



### 1000Volt

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

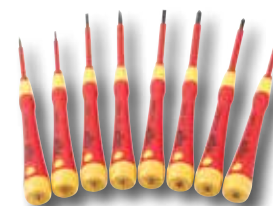
Item No.	mm	Inch	mm	mm	lbs.	pkg.
32000	1.5	.06	40	154	.05	1
32001	2.0	.08	40	154	.07	1
32002	2.5	.10	60	160	.07	1
32003	3.0	.12	60	160	.08	1
32004	3.5	.14	60	160	.08	1



### 1000Volt

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

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



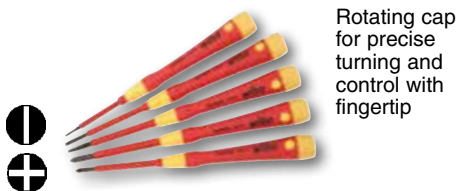
### 1000Volt



**32088 8 Piece Slotted & Phillips PicoFinish Set** High quality CV steel, through hardened, black finish

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

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



Rotating cap for precise turning and control with fingertip

**32085 5 Piece Slotted & Phillips PicoFinish Set** High quality CV steel, through hardened, black finish

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

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

**Insulation Test Standards:**

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

Responds to OSHA's use specification 29 CFR1910




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

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

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

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












 **1000V**



 **1000Volt**



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

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



   **1000Volt**




**32105** 2 Piece Slotted & Phillips Set

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




   **1000Volt**


**33532** 2 Piece Slotted & Phillips Set

Item No.		Slotted: 6.0
		Phillips: #2
33532		lbs. .50

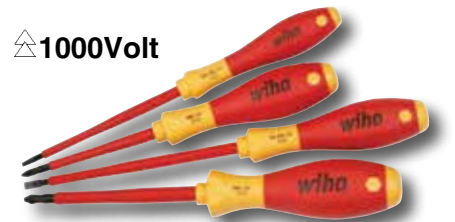
  **1000Volt**






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

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

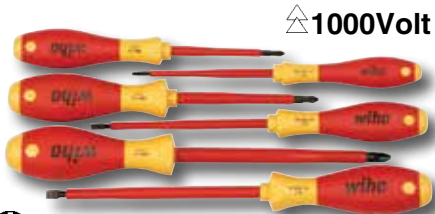
 **1000Volt**



  **32090** 4 Piece Slotted & Phillips Set

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

## Wiha Insulated Screwdriver Sets



⚡ 1000Volt

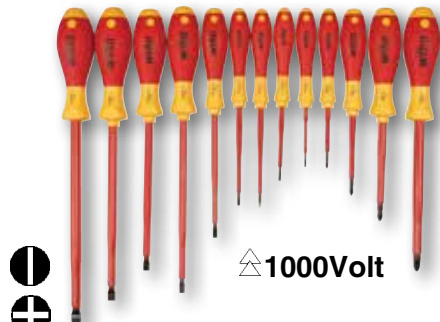


**32092** 6 Piece Slotted & Phillips Set

Item No. ⚡ Slotted: 3.5, 4.5, 6.5

**32092** ⚡ Phillips: #1, 2, 3

⚖ lbs. 1.38



⚡ 1000Volt



**32094** 13 Piece Slotted & Phillips Set

Item No. Slotted: 2.0, 2.5, 3.0, 3.5, 4.5,

**32094** 5.5, 6.5, 8.0, 10.0mm

Phillips: #0, 1, 2, 3

⚖ lbs. 2.3

⚡ 1000Volt



**32192** 14 Piece Slot/Phil/Inch Nut Drivers & Pliers/Cutters Set

Item No. Slotted: 3.0, 4.5, 6.5mm

**32192** Phillips: 1, 2

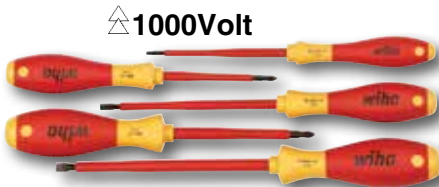
⚖ Nut Drivers Inch: 1/4, 5/16,

lbs. 11/32, 3/8, 1/2"

5.5 8.0" Combo Pliers,

6.3" Diagonal Cutters

6.3 & 8.0" Long Nose Pliers/Cutters



⚡ 1000Volt

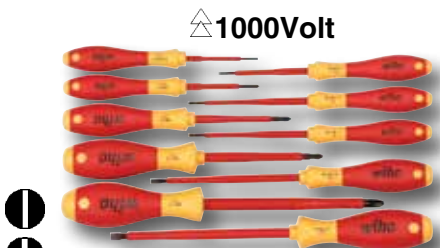


**32091** 5 Piece Slotted & Phillips Set

Item No. ⚡ Slotted: 3.0, 4.5, 6.5

**32091** ⚡ Phillips: #1, 2

⚖ lbs. 1.31



⚡ 1000Volt



**32093** 10 Piece Slotted & Phillips Set

Item No. Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5

**32093** Phillips: #0, 1, 2, 3

⚖ lbs. 1.63



⚡ 1000Volt



**32190** 15 Piece Slotted, Phillips & Inch Nut Drivers Set

Item No. Slotted: 2.0, 2.5, 3.0, 3.5,

**32190** 4.5, 6.5, 8.0mm

⚡ Phillips: #1, 2, 3

lbs. Nut Drivers Inch: 1/4, 5/16,

5.9 3/8, 7/16, 1/2"



⚡ 1000Volt

**32188** 7 Piece Slotted & Phillips Set

Item No.

**32188**

⚡ Slotted: 2.0, 2.5, 3.0, 3.5, 4.0

⚡ Phillips: #0, 1

⚖ lbs. .92



Tool box set in blow molded tray



⚡ 1000Volt



**32095** 19 Piece Slotted, Phillips, Square, Xeno Screwdriver Set

Insulated Screwdriver set in a light weight tool box tray.

Item No. Slotted: 2.5, 3.0, 3.5, 4.0, 4.5,

**32095** 5.5, 6.0, 6.5, 8.0, 10.0mm

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

⚡ Square: #1, #2

lbs. Xeno Terminal: #1, #2

4.92 Cat. III Voltage Detector -

(Battery Operated)



**Wiha Insulated Hex Metric Screwdrivers**



⚡ 1000Volt

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

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

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



⚡ 1000Volt

**32366 6 Piece Insulated Hex Metric Screwdriver Set**

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

**Wiha Insulated TORX® Screwdrivers**

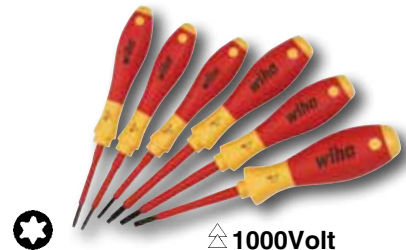


⚡ 1000Volt

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

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

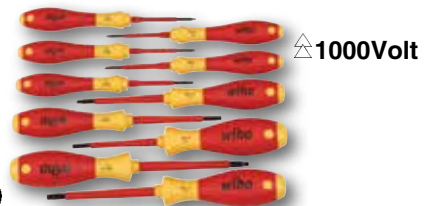
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32505	T5	60	2.4	164	6.5	.06	10
32511	T6	60	2.4	164	6.5	.06	10
32516	T7	60	2.4	164	6.5	.06	10
32521	T8	60	2.4	164	6.5	.06	10
32526	T9	60	2.4	164	6.5	.06	10
32531	T10	60	2.4	164	6.5	.06	10
32536	T15	80	3.0	191	7.5	.12	10
32541	T20	80	3.0	191	7.5	.12	10
32546	T25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



⚡ 1000Volt

**32590 6 Piece TORX® Set**

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



⚡ 1000Volt

**32592 10 Piece TORX® Set**

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

**Wiha Insulated Square Tip Screwdrivers**



⚡ 1000Volt

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

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

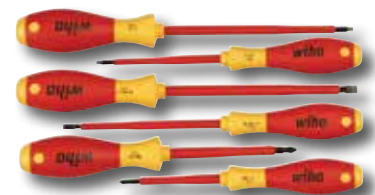
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
35811	1	100	4.0	210	8.2	.12	10
35812	2	150	6.0	268	10.5	.19	10



⚡ 1000Volt

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

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



⚡ 1000Volt

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

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

## Wiha Insulated Pozidriv® Screwdrivers

⚡ 1000Volt



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

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

## Insulated Terminal Block Xeno Screwdrivers



### Combination Slotted/Phillips Terminal Block Drivers

Slotted/Phillips or Slotted/Pozidriv®

⚡ 1000Volt



⊕ Slotted/Phillips

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

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



⊕ Slotted/Pozidriv®

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

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

## Cat. IV Voltage Detector - Battery Operated



⚡ 1000Volt

**25505** Battery Operated Voltage Detector Tests 50-1000 Volts. Category IV, CE IEC 61010-1 With audible sound and light warnings. (Requires 2 AAA batteries).

Item	⊖	⊖	⊖	⊖
No.	mm	Inch	lbs.	pkg.
25505	146	5.75	.13	1

## Insulated Single-Pole Voltage Detector

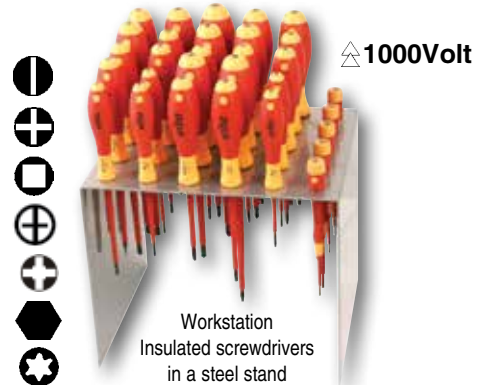


⚡ 1000Volt

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

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

## Wiha Insulated Screwdrivers



⚡ 1000Volt



Workstation Insulated screwdrivers in a steel stand

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

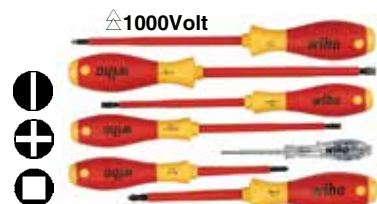
Item No.	Slotted: 3.5, 4.0, 4.5, 5.5, 6.5mm
32199	Phillips: #1, #2, #3
	Pozidriv®: #1, #2
lbs.	Square: #1, #2
8.50	Xeno Terminal Sit/Ph: #1, #2
	Hex Metric: 2.5, 3.0, 4.0, 5.0, 6.0mm
	TORX®: T8, T10, T15, T20, T25, T30
	PicoFinish Slotted: 1.5, 2.0, 2.5mm
	PicoFinish Phillips: #00, #0

## Insulated Drivers & Voltage Detector Sets



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

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



⚡ 1000Volt



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

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

**Wiha Insulated Metric & Inch Nut Drivers**



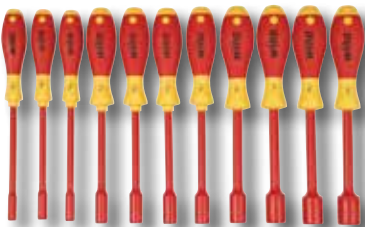
⚡1000Volt

**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



⚡1000Volt

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

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



In roll-up pouch

⚡1000Volt

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

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

⚡1000Volt



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

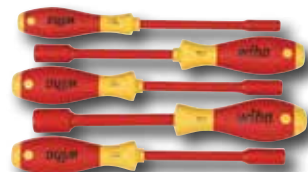
Item	Metric:	↔
No.	6.0, 7.0, 8.0, 9.0, 10.0mm	lbs.
32291		1.36



⚡1000Volt

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

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



⚡1000Volt

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

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



⚡1000Volt

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

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

## Insulated Belt Packs

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



Chrome Finish Pliers & Cutters



1000Volt

### 32886 17 Pc. Insulated Pop-Up Bit Holder & Pliers/Cutters Set

High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters additionally induction hardened. Hard chrome finish for long lasting corrosion protection. Two component insulated soft grip handle.

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

## Wiha Insulated Pop-Up Insert Bit Sets

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

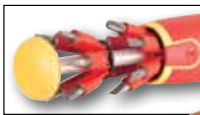
Convenient rotating cap



Blades High quality CV steel, through-hardened

Friction hold bit holder securely holds bits in place

1000Volt Rated  
10,000 Volt Tested



NEW

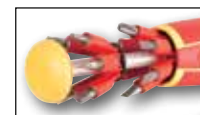


1000Volt

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

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

Item No.	Set includes the following bits:
38050	Slotted: 4.5, 5.5, 6.0mm
	Phillips: #0, 1, 2, 3
	Square: #1, 2, 3
	Pozidriv®: #1, 2, 3
	lbs. .46



NEW



1000Volt

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

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

Item No.	Set includes the following bits:
38051	Slotted: 4.5, 5.5, 6.0mm
	Phillips: #0, 1, 2, 3
	Square: #1, 2, 3
	TORX® : T15, T20, T25
	lbs. .46

1000Volt



Insulated Industrial Pliers & Cutters

### 32990 17 Pc. Insulated Pop-Up Bit Holder & Industrial Pliers/Cutters Set

High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters drop-forged from special tool steel. Industrial Soft grip ergonomically designed handle body. In belt pack pouch

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

1000Volt



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

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

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

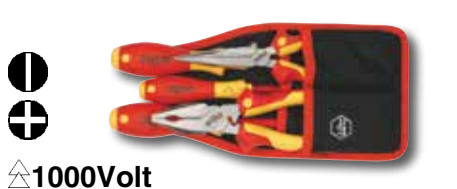
**Wiha Insulated Belt Pack Pouch Sets**



**1000Volt**

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

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



**1000Volt**

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

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



**1000Volt**

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

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

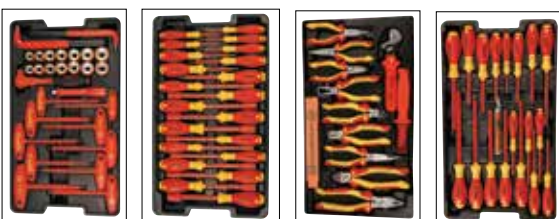
**Wiha Insulated Master Electrician's Tools**



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



**1000Volt**



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

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

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

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

### Master Electrician's Sets



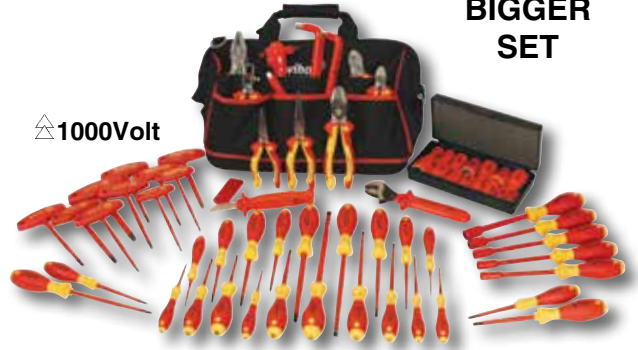
**1000Volt**



**80 Pc.  
BIGGEST  
SET**



**1000Volt**



**66 Pc.  
BIGGER  
SET**

<b>32877 80 Piece Insulated Master Electrician's Set</b>	
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	Insulated Folding Ruler In/MM
Insulated Square #1	Insulated Ratchet 3/8" Dr.
Insulated Square #2	Insulated 4.9" Extension
Insulated Socket 1/2"	Insulated Socket 13mm
Insulated Socket 9/16"	Insulated Socket 14mm
Insulated Socket 5/8"	Insulated Socket 15mm
Insulated Socket 11/16"	Insulated Socket 17mm
Insulated Socket 3/4"	Insulated Socket 19mm
Insulated Socket 13/16"	Insulated Socket 20mm
Insulated Socket 7/8"	Insulated Socket 22mm

<b>32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E &amp; CSA, up to 1000 volt. Individually Tested.</b>	
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" Drive
Insulated Socket 13.0mm	Insulated Socket 17.0mm
Insulated Socket 14.0mm	Insulated Socket 19.0mm
Insulated Socket 15.0mm	Insulated Socket 22.0mm

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



**50 Pc. BIG SET**

**1000Volt**

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

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



**25 Pc. Set**

**1000Volt**

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

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

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



**13 Pc. Set**

**1000Volt**

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

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



**31 Pc. Set**

**1000Volt**

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

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

## Wiha Insulated Pliers with High Visibility Comfort Grip Handle

⚡ 1000Volt



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

### 32891 10 Piece Pliers & Screwdriver Set

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

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



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

⚡ 1000Volt

### 32895 14 Piece Pliers & Screwdriver Set

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

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



⚡ 1000Volt

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

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



⚡ 1000Volt

### 32892 10 Piece Pliers & Screwdriver Set. Insulation According

to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag

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



⚡ 1000Volt

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

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





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

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



**1000Volt**

**32889 8 Piece Pliers & Cutters Set**  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **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, **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 3.0, 4.5, 6.5mm	SlimLine Phillips #1, 2	
SlimLine Square #1, 2	SlimLine Terminal #2	
Single Pole Tester		



**1000Volt**

**32867 10 Piece Pliers & Screwdriver Set In Canvas Pouch**  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **1000 volt. Individually Tested.**

<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		

**1000Volt**



**32868 10 Piece Pliers & Screwdriver Set In Canvas Pouch**  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **1000 volt. Individually Tested.**

<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 3.0, 4.5, 6.0mm		
Insulated Phillips #1, 2		

**WARNING!**

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

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

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

**1000Volt**



**32899 7 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, 1000 volt. Individually Tested.** In molded tool box

<b>Item# 32899</b>	<b>Set Includes:</b>	↔ lbs. 5.39
9.0" Linemans Pliers	6.3" Long Nose Pliers W/Cutter	
6.3" Diagonal Cutter		
Insulated Phillips #1, 2	Insulated Slotted 3.0, 4.5mm	

## Insulated Pliers/Cutters & Screwdrivers Sets



**NEW**  
⚡ 1000Volt



**32856** 5 Pc. Insulated Pliers/Cutters & Screwdriver Set  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

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



**NEW**  
⚡ 1000Volt



**32857** 7 Pc. Insulated Pliers/Cutters & Screwdriver Set  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

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



**NEW**  
⚡ 1000Volt



**32865** 8 Pc. Insulated Pliers/Cutters & SlimLine Blade Set  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. SlimLine blades high alloy CV steel, through hardened. Blades have up to 33% narrower insulation diameter than standard insulated tools.

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



**NEW**  
⚡ 1000Volt



**32858** 7 Pc. Insulated Pliers/Cutters & Screwdriver Set  
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop forged of high C70 steel. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Screwdriver blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

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

**Insulated Pliers & Cutters Sets**



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

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

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



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

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

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



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

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

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

**NE Style Lineman's Pliers Set**

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

Individually Tested

Knurled striking zone on vinyl grip pliers



Extra long cutting edge for flat and round cables

$\Delta$  1000Volt

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

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

**Insulated BiCut SuperCut**



Cutting capacity up to 3mm hardened piano wire

$\Delta$  1000volt



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

**32837 Insulated BiCut SuperCut. Insulation According to**

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

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

## Insulated Pliers & Cutters



Safety slip guard

Soft grip ergonomically designed handle body

Cutters additionally induction hardened

Hard chrome finish for long lasting corrosion protection



## Insulated NE Style Lineman's Pliers



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



**1000volt**

**32831 Insulated NE Style Lineman's Pliers. Insulation**

According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, **up to 1000 Volt. Individually Tested.** Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables. Two component soft grip ergonomic handles.

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

## Insulated Linemans Pliers With Crimpers



With Lower Crimping Jaw

5-In-1

Lineman's Pliers

**1000volt**

64HRC cutting edges



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

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

**up to 1000 volt. Individually Tested.**

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

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

## Insulated Combination Lineman's Pliers



**1000volt**

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

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

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

## Insulated High Leverage Combination Pliers



Lineman's



**1000volt**

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

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

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

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

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

## Insulated Crimping Pliers



**1000volt**

**32841 Insulated Crimping Pliers. Insulation According to**

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

Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. C70 special tool steel hardened & tempered.

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

**Insulated Diagonal Cutters**



**328** Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. DIN ISO 5749 Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 60 HRC. Special tool steel hardened and tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.

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

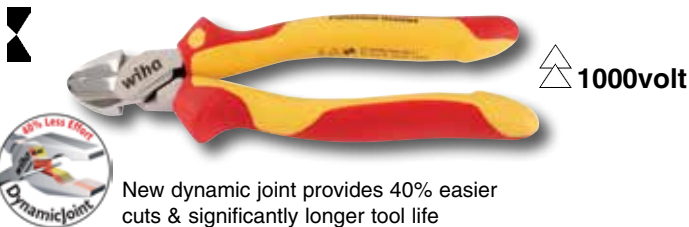
**Insulated Serrated Edge Cable Cutters**



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

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

**Insulated High Leverage Diagonal Cutters**



**328** High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. DIN ISO 5749 Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C70 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

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

**Insulated Stripping Pliers**



**32860** Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  $\Delta$  up to 1000 volt. Individually Tested. Heavy duty forged, induction hardened cutting edges for even stripping of insulation. Drop-forged from special tool steel, chrome and nickel plated, mirror-polished. Spring and adjusting screw, for stripping up to Ø 5mm/#8 Awg.

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

**Insulated Electrician's Diagonal Cutters**



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

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

**Insulated Stripping Pliers**



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

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

## Insulated Long Nose Pliers



**1000volt**

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

Item	↔		↔		Cutting Capacity		☐	↺↻
No.	mm	Inch	Copper	AWG	Pkg.	wt.		
<b>32806</b>	160	6.3	#10		1	.32		
<b>32808</b>	200	8.0	#8		1	.42		

## Insulated Round Nose Pliers



**1000volt**

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

Item	↔		↔		Cutting Capacity		☐	↺↻
No.	mm	Inch	Copper	AWG	Pkg.	wt.		
<b>32870</b>	160	6.3			1	.34		

## Insulated Bent Nose Pliers



**1000volt**

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

Item	↔		↔		Cutting Capacity		☐	↺↻
No.	mm	Inch	Copper	AWG	Pkg.	wt.		
<b>32804</b>	200	8.0	#8		1	.43		
<b>32807</b>	160	6.3	#10		1	.32		

## Insulated Long Flat Nose Pliers



**1000volt**

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

Item	↔		↔		Cutting Capacity		☐	↺↻
No.	mm	Inch	Copper	AWG	Pkg.	wt.		
<b>32810</b>	160	6.3			1	.39		

## Wiha Canvas Pliers Holster

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

### 91256 Pliers Canvas Holster

Item	Width	Height	↺↻	☐
No.	Size	Size	lbs.	pkg.
<b>91256</b>	3.5 x	6.75	.15	1



## Pen Style Control Cabinet Key

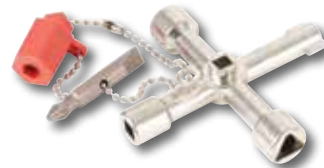


For applications with all common switch cabinets and locking systems

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

Item No.	mm	Inch	Pkg.	lbs.
<b>21105</b>	140	5.5"	1	.30

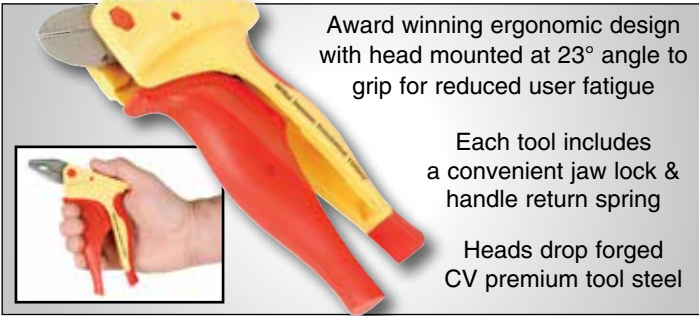
## Switch Cabinet Key



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

Item No.	mm	Inch	Pkg.	lbs.
<b>21103</b>	76	3.0"	1	.22

**Wiha Inomic 1000Volt Insulated Pliers**




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

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel



 **1000volt**

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

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



**32854 Inomic Diagonal Cutters**

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



Holds any Inomic Pliers

**91230 Inomic Canvas Holster**

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

**Protturn Insulated Electrician's Shears**



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

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

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



**NEW** With Wire Puller Slot



**61630 Insulated Inch & Metric Folding Ruler**


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

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

**Insulated Water Pump Pliers**



 **1000volt**

**32954 Insulated Industrial Water Pump Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA,  up to 1000 Volt. Individually Tested.** 10 opening settings provides optimal adjustment to objects being gripped. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Black finish.

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

Rapid & simple push button setting & locking



 **1000volt**

**32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, Individually Tested.** Extra narrow head for working in small spaces. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened & tempered.

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

## Insulated Industrial Pliers & Cutters

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



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

Industrial brushed finish

1000V

Induction hardened jaws and cutters to 64 HRC

Ergo comfort grip with slip guard

Two component ergo cushion grip handles

40% Less Effort  
Dynamicjoint

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

## Insulated Long Nose Pliers With Cutters



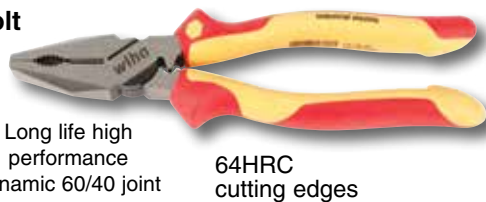
1000volt

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

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

## Insulated Lineman's Pliers With Crimpers

1000volt



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

## Insulated High Leverage Diagonal Cutters



1000volt

**32939** Insulated Industrial High Leverage Diagonal Cutters.

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

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

## Insulated NE Style Lineman's Pliers



Knurled Striking Zone



Long life high performance dynamic 60/40 joint

1000volt

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

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

## Insulated Diagonal Cutters



Long life high performance dynamic 60/40 joint



1000volt

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

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



**Insulated Combo Pliers With Dynamic Joint**

 1000volt



Long life high performance dynamic 60/40 joint

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

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

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


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

**Insulated TriCut Strippers & Cutters**





 1000volt



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

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

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


Item			Cutting Capacity			
No.	mm	Inch	AWG		Pkg.	wt.
32944	170	6.7	#6		1	.58

**Insulated Heavy Duty Cable Cutters**





 1000volt



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

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

Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. For cutting of copper & aluminum cables without crushing.


Item			Cutting Capacity			
No.	mm	Inch	Ø	mm <sup>2</sup>	Pkg.	lbs.
32927	200	8.0	20	60	1	.78

**Insulated Crimpers**





 1000volt



**32945 Insulated Industrial Crimping Pliers. Insulation**

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

Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. Crimps 6 - 30 AWG Connectors.

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

NOTES:

Blank area for notes.

**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/#8 Awg.

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

## Insulated Industrial BiCut SuperCut



Cutting capacity up to 3mm hardened piano wire



⚡ 1000volt



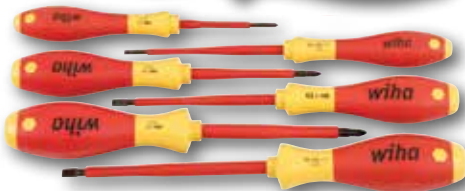
- Double the power at the press of a button
- BiCut does the job of two pairs of pliers
- Up to 50% less hand strength required for cutting
- Cutting force doubled for extremely hard materials
- Easily switch between two strengths in one-handed operation

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

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

## Insulated BiCut SuperCut & Screwdriver Set

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



⚡ 1000volt

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

Ergonomic two component molded grips. 10,000 Volt tested

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

## Wiha Insulated Industrial Tool Sets



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

Individually Tested

⚡ 1000Volt

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

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



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

Individually Tested

⚡ 1000Volt

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

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



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

Individually Tested

⚡ 1000Volt

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

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

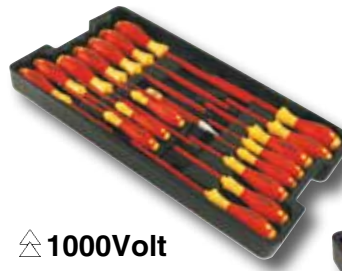
**Wiha Insulated Industrial Tool Sets**



**32982 3 Pc. Insulated Industrial Pliers/Cutters & Voltage Detector**

<b>Item No.</b>	<b>Insulated Pliers/Cutters &amp; Cat. III Voltage Detector</b>
<b>32982</b>	6.3" Long Pliers, 6.3" Diagonal Cutters Voltage Detector with both light and sound alerts
	🔌 lbs. .98

**Wiha Insulated Tool Tray Sets**



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

⚡ **1000Volt**

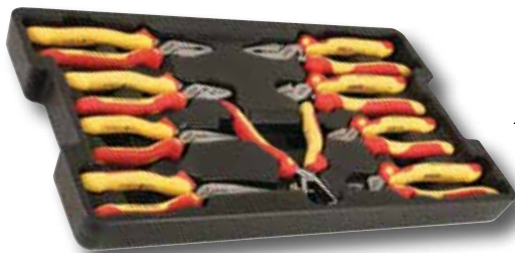
Tool box set in blow molded trays



**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>	🔌 lbs.
<b>32989</b>	9.0" Lineman's Pliers	lbs.
	8.0" High Leverage Combo Pliers	6.34
	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. IV Voltage Detector - 50-1000 Volt, Battery Operated	



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

⚡ **1000Volt**

Tool box set in blow molded tray

**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
lbs.	6.3" Diagonal Cutters	7.0" Crimping Pliers
6.34	8.0" Diagonal Cutters	



In canvas tool bag

⚡ **1000Volt**



In Belt Pack Pouch



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



⚡ **1000Volt**

**32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers**

<b>Item No.</b>	<b>Insulated Pliers/Cutters &amp; Screwdrivers</b>
<b>32985</b>	8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters <b>Insulated Drivers:</b> Slotted: 3.0, 4.5mm • Phillips: #1, #2
	🔌 lbs. 2.30

**32977 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

<b>Item# 32977</b>	<b>Set Includes:</b>	🔌 lbs. 6.30
	8.0" Combination 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, 4.0, 6.5mm

## Wiha Insulated Industrial Tool Sets

In Roll  
Out  
Pouch



⚡ 1000Volt



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

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

In Roll  
Out  
Pouch



⚡ 1000Volt



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

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

⚡ 1000Volt



In Roll  
Out  
Pouches



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

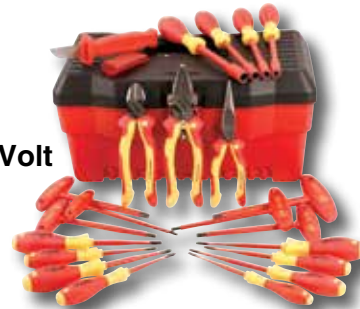
8.0" Long Nose Pliers	6.3" Diagonal Cutters
9.0" Lineman's w/Cutters	8.0" H.D. Diagonal Cutters
8.0" Cable Cutters	6.3" Stripping Pliers
7.0" Crimping Pliers	
15 Pc. SlimLine Blade Set includes: Insulated SlimLine Blade Holder	
Slotted: 3.0, 4.0, 5.5, 6.5	Phillips: #1, #2 Xeno: #1, #2
<b>TORX</b> : T8,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

⚡ 1000Volt



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

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



Now in  
canvas  
tool bag

⚡ 1000Volt



**32390 11 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas tool bag**  
**Item# 32390 Set Includes:** ⚡ lbs. 6.30

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



⚡ 1000Volt

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

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





## No Hassle Guarantee

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

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

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

## Exclusions

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

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

## Legal

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


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

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

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31627	12	32046	21	32288	27	32835	37	32985	43
31628	12	32049	21	32291	27	32836	37	32986	44
31630	12	32052	21	32292	27	32837	35	32987	44
31632	12	32055	21	32293	27	32838	37	32988	44
31650	9	32058	21	32294	27	32841	36	32989	43
31691	12	32079	22	32296	27	32850	39	32990	28
31694	12	32085	22	32302	25	32854	39	32999	43
31703	12	32087	26	32303	25	32856	34	33441	15
31704	12	32088	22	32304	25	32857	34	33443	15
31705	12	32089	26	32305	25	32858	34	33445	15
31707	12	32090	23	32306	25	32860	37	33447	15
31708	12	32091	24	32308	25	32861	37	33449	15
31709	12	32092	24	32366	25	32862	35	33478	15
31710	12	32093	24	32390	44	32863	35	33481	15
31712	12	32094	24	32399	44	32864	35	33482	15
31713	12	32095	24	32400	26	32865	34	33483	15
31714	12	32100	23	32401	26	32867	33	33485	15
31715	12	32101	23	32402	26	32868	33	33486	15
31716	12	32102	23	32403	26	32869	33	33487	15
31718	12	32103	23	32480	20	32870	38	33490	15
31720	12	32104	23	32505	25	32871	29	33532	23
31722	12	32105	23	32511	25	32872	29	33632	15
31790	12	32106	22	32512	21	32873	28	33634	15
31792	12	32107	22	32513	21	32874	31	33637	15
31805	9	32108	22	32514	21	32875	29	33641	15
31807	9	32145	21	32515	21	32876	30	35811	25
31809	9	32146	21	32516	25	32877	30	35812	25
31811	9	32188	24	32517	21	32878	31	35844	21
31813	9	32189	22	32518	21	32879	31	35845	21
31815	9	32190	24	32519	21	32886	28	35890	25
31817	9	32192	24	32521	25	32888	32	35891	25
31830	9	32196	22	32526	25	32889	33	38050	28
31832	9	32197	21	32531	25	32891	32	38051	28
31834	9	32198	21	32536	25	32892	32	40800	13
31836	9	32199	26	32541	25	32894	32	61630	39
31838	9	32206	27	32546	25	32895	32	75205	14
31840	9	32209	27	32551	25	32896	31	75210	14
31842	9	32212	27	32556	25	32899	33	75215	14
31844	9	32215	27	32561	25	32917	40	75220	14
31890	9	32218	27	32566	25	32923	40	75302	14
32000	22	32221	27	32590	25	32926	40	75304	14
32001	22	32224	27	32592	25	32927	41	76208	7
32002	22	32227	27	32596	22	32929	40	76210	7
32003	22	32230	27	32800	29	32930	41	76212	7
32004	22	32233	27	32804	38	32933	40	76215	7
32005	23	32236	27	32806	38	32936	42	76290	7
32010	23	32238	27	32807	38	32938	40	91230	39
32012	23	32239	27	32808	38	32939	40	91256	38
32015	23	32240	27	32810	38	32942	42		
32017	23	32241	27	32814	36	32944	41		
32023	23	32255	27	32816	36	32945	41		
32024	23	32258	27	32818	36	32947	41		
32025	23	32261	27	32820	36	32951	39		
32026	23	32264	27	32821	36	32954	39		
32027	23	32267	27	32826	37	32956	39		
32028	23	32268	27	32828	37	32973	44		
32031	23	32270	27	32830	37	32977	43		
32034	23	32273	27	32831	36	32981	42		

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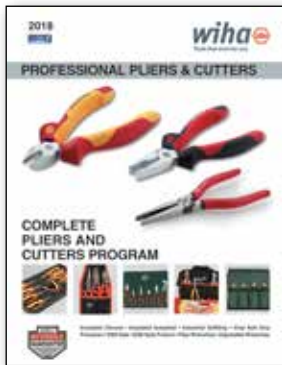
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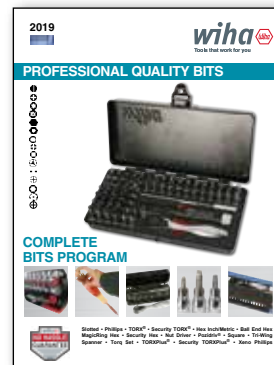
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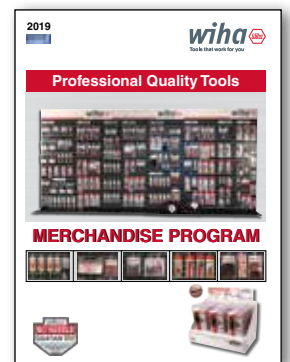
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