

2013



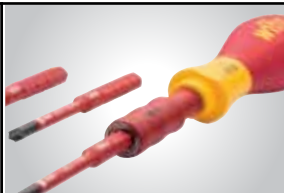
Complete Insulated Program

10,000 Volt Tested
1000 Volt Rated



#32800

Professional Insulated Tools
Supporting Arc Flash Protection



Arc Flash Protection:

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

ARC FLASH

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

WHY ARC FLASHES HAPPEN

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

ARC FLASH COMPLIANCE

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

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

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

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

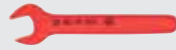
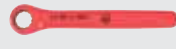
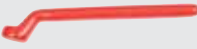
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarflash.com>


OSHA

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

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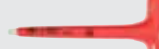

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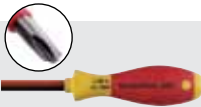










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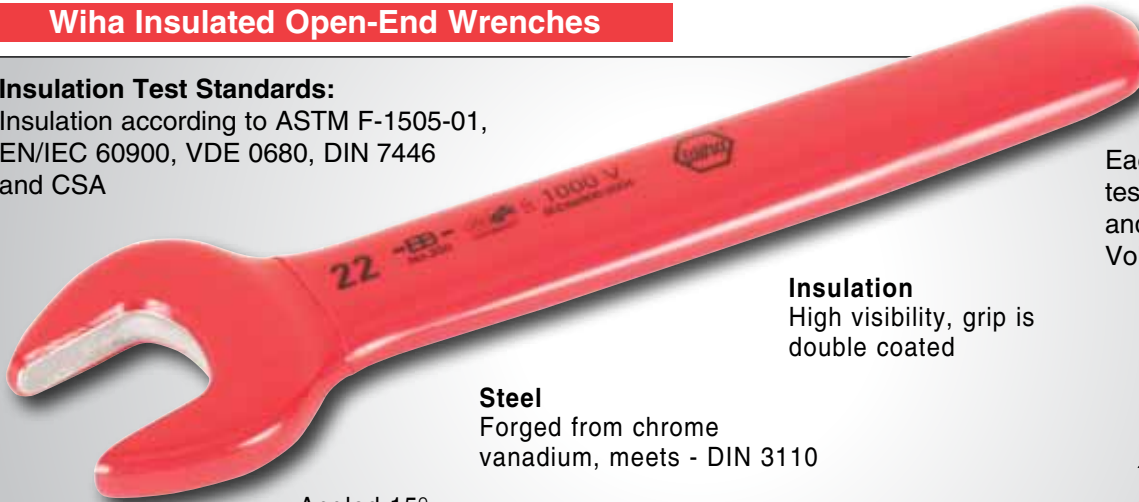
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Wiha Insulated Open-End Wrenches

Insulation Test Standards:

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



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

Insulation
High visibility, grip is double coated

Steel
Forged from chrome vanadium, meets - DIN 3110

Angled 15°



 1000Volt



 1000Volt

20190 14 Piece Insulated Inch Open End Wrench Set

Item No.	⊘	OAL	⊘	OAL	↔		
No.	Inch	Inch	Inch	Inch	lbs.		
20190	20133	5/16	3.9	20142	3/4	7.0	5.70
	20135	3/8	4.1	20144	13/16	7.5	
	20136	7/16	4.6	20145	7/8	7.6	
	20137	1/2	5.5	20146	15/16	7.9	
	20138	9/16	5.7	20147	1	8.4	
	20140	5/8	6.2	20148	1-1/16	9.2	
	20141	11/16	6.5	20149	1-1/8	9.1	

20091 15 Piece Insulated Metric Open End Wrench Set

Item No.	⊘ _{MM}	OAL	⊘ _{MM}	OAL	↔		
No.	mm	mm	mm	mm	lbs.		
20091	20006	6.0	97	20014	14	150	3.0
	20007	7.0	98	20015	15	151	
	20008	8.0	104	20016	16	164	
	20009	9.0	108	20017	17	162	
	20010	10.0	107	20019	19	178	
	20011	11.0	118	20022	22	196	
	20012	12.0	129	20024	24	211	
	20013	13.0	137				



 1000Volt



 1000Volt

20192 8 Piece Insulated Inch Open End Wrench Set

Item No.	⊘	OAL	⊘	OAL	↔		
No.	Inch	Inch	Inch	Inch	lbs.		
20192	20133	5/16	3.9	20138	9/16	5.7	1.59
	20135	3/8	4.1	20140	5/8	6.2	
	20136	7/16	4.6	20141	11/16	6.5	
	20137	1/2	5.5	20142	3/4	7.0	



20093 8 Piece Insulated Metric Open End Wrench Set

Item No.	⊘ _{MM}	OAL	⊘ _{MM}	OAL	↔		
No.	mm	mm	mm	mm	lbs.		
20093	20006	6.0	97	20013	13.0	137	1.4
	20007	7.0	98	20014	14.0	150	
	20008	8.0	104	20017	17.0	162	
	20010	10.0	107	20019	19.0	178	



 **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.	Ø	OAL	OAL		
	Inch	mm	Inch	lbs.	pkg.
20131	1/4	87.5	3.4	.04	1
20133	5/16	100	3.9	.05	1
20135	3/8	105	4.1	.09	1
20136	7/16	117	4.6	.09	1
20137	1/2	140	5.5	.15	1
20138	9/16	146	5.7	.15	1
20140	5/8	158	6.2	.20	1
20141	11/16	165	6.5	.23	1
20142	3/4	178	7.0	.33	1
20144	13/16	191	7.5	.42	1
20145	7/8	192	7.6	.44	1
20146	15/16	201	7.9	.51	1
20147	1	213	8.4	.61	1
20148	1-1/16	233	9.2	.79	1
20149	1-1/8	233	9.2	.77	1

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


 **1000Volt**



In Tool Box Tray

20194 13 Piece Insulated Inch Open End Wrench Set



In Tool Box Tray

Item No.	Ø	OAL	Ø	OAL			
	Inch	Inch	Inch	Inch	lbs.		
20194	20131	1/4	3.4	20141	11/16	6.5	4.90
	20133	5/16	3.9	20142	3/4	7.0	
	20135	3/8	4.1	20144	13/16	7.5	
	20136	7/16	4.6	20145	7/8	7.6	
	20137	1/2	5.5	20146	15/16	7.9	
	20138	9/16	5.7	20147	1	8.4	
	20140	5/8	6.2				



 **1000Volt**

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

Item No.	ØMM	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


In Tool Box Tray



 **1000Volt**

20196 13 Pc. Insulated Metric Open End Wrench Set

In Tool Box Tray

Item No.	Ø	OAL	Ø	OAL			
	mm	mm	mm	mm	lbs.		
20196	20008	8.0	104	20016	16.0	164	4.90
	20010	10.0	107	20017	17.0	168	
	20011	11.0	118	20018	18.0	173	
	20012	12.0	129	20019	19.0	178	
	20013	13.0	137	20022	22.0	196	
	20014	14.0	150	20024	24.0	211	
	20015	15.0	151				

Wiha Insulated Ratchet Wrenches

Insulation Test Standards:

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



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

Steel
Forged from chrome vanadium, meets - DIN 3110



1000Volt

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.	Hex	OAL	OAL	Wt.	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.	Hex	OAL	OAL	Wt.	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.	Hex	OAL	Hex	OAL	Wt.		
	Inch	Inch	Inch	Inch	lbs.		
21391	21325	3/8	5.5	21331	9/16	6.4	1.95
	21327	7/16	5.6	21333	5/8	7.0	
	21329	1/2	6.1	21335	3/4	8.2	



1000Volt

21290 7 Piece Metric Insulated Ratchet Wrenches Set

Item No.	Hex	OAL	Hex	OAL	Wt.		
	mm	mm	mm	mm	lbs.		
21290	21208	8.0	4.9	21214	14.0	6.4	2.10
	21210	10.0	5.5	21217	17.0	7.6	
	21212	12.0	5.9	21219	19.0	8.3	
	21213	13.0	6.0				

Wiha Insulated Deep Offset Ring Wrenches

Insulation Test Standards:

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




Steel Forged from chrome vanadium, meets - DIN 3110

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

 **1000V**






21095 8 Piece Metric Insulated Offset Ring Wrenches Set

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



 **1000Volt**




210 Insulated Inch Offset Ring Wrenches

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



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



 **1000Volt**

21094 15 Piece Inch Insulated Offset Ring Wrenches Set

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




 **1000Volt**

21093 15 Piece Metric Insulated Offset Ring Wrenches Set

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



21096 8 Piece Inch Insulated Offset Ring Wrenches Set

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

Wiha Insulated Adjustable Wrenches



⚡ 1000Volt

76208 Insulated 8" Adjustable Wrench

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

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

⚡ 1000Volt

76210 Insulated 10" Adjustable Wrench

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

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

⚡ 1000Volt

76212 Insulated 12" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	↔ lbs.	📦 pkg.
76212	12.0	300	1-1/2"	1.9	1

⚡ 1000Volt

76215 Insulated 15" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	↔ lbs.	📦 pkg.
76215	15.0	380	1-11/16"	2.8	1



⚡ 1000Volt

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

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

Wiha Insulated Electrician's Knives

Insulation Test Standards:

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



Insulation molded on for permanent bonding

⚡ 1000V

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



⚡ 1000Volt

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

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

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



⚡ 1000Volt

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

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

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



⚡ 1000Volt

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

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

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

Wiha Insulated Hex L-keys

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



Insulation
Applied directly
onto blade for
permanent
bonding

1000V

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



1000Volt

136 Inch Insulated Hex L-keys, With Insulated Handle

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

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



1000Volt

136 Metric Insulated Hex L-keys, With Insulated Handle

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

Item No.	Hex	OAL	OAL	Weight	Pkg.
	mm	mm	Inch	lbs.	
13650	1.5	100	3.9	.09	1
13651	2.0	105	4.1	.09	1
13652	2.5	115	4.5	.09	1
13653	3	130	5.1	.10	1
13654	4	120	4.7	.10	1
13655	5	140	5.5	.10	1
13656	6	140	5.5	.13	1
13658	8	150	5.9	.24	1
13659	10	220	8.7	.51	1
13657	12	260	10.2	.77	1

1000Volt

13690 8 Piece Insulated Inch Hex L-key Set

Item No.	Hex	OAL	Hex	OAL	Weight		
	Inch	Inch	Inch	Inch	lbs.		
13690	13663	1/8	4.1	13668	1/4	5.3	2.17
	13665	5/32	4.1	13669	5/16	5.7	
	13666	3/16	5.3	13662	3/8	9.2	
	13667	7/32	5.3	13664	1/2	9.2	

13691 7 Piece Insulated Metric Hex L-key Set 1000Volt

Item No.	Hex	OAL	Hex	OAL	Weight		
	mm	mm	mm	mm	lbs.		
13691	13653	3.0	130	13658	8.0	150	2.07
	13654	4.0	120	13659	10.0	220	
	13655	5.0	140	13657	12.0	260	



1000Volt

13693 10 Piece Insulated Metric Hex L-key Set 1000Volt

Item No.	Hex	OAL	Hex	OAL	Weight		
	mm	mm	mm	mm	lbs.		
13693	13650	1.5	100	13655	5.0	140	2.26
	13651	2.0	105	13656	6.0	140	
	13652	2.5	115	13658	8.0	150	
	13653	3.0	130	13659	10.0	220	
	13654	4.0	120	13657	12.0	260	

1000Volt

13694 12 Piece Insulated Inch Hex L-key Set 1000Volt

Item No.	Hex	OAL	Hex	OAL	Weight		
	Inch	Inch	Inch	Inch	lbs.		
13694	13670	1/16	3.1	13666	3/16	5.3	2.40
	13671	5/64	3.3	13667	7/32	5.3	
	13672	3/32	3.5	13668	1/4	5.3	
	13673	7/64	3.7	13669	5/16	5.7	
	13663	1/8	4.1	13662	3/8	9.2	
	13665	5/32	4.1	13664	1/2	9.2	

Wiha Insulated Hex Bit Sockets



1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions



1000Volt

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

WARNING!

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

Use & Care Guide For Insulated Tools:

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

Wiha Insulated 1/4" Sockets & Sets



1000Volt

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

Item No.	Inch	lbs.	pkg.
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



1000Volt

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

Item No.	mm	lbs.	pkg.
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

12851 Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA
Chrome-Vanadium steel. Reversible.

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

Wiha Insulated 1/4" Sockets & Sets




1000Volt

31390	13 Piece Insulated 1/4" Drive Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. 31390	Set includes the following:
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32,
lbs.	3/8, 7/16, 1/2, 9/16"
1.39	1/4" x 50mm Extension Bar
	1/4" x 100mm Extension Bar
	1/4" Ratchet - 140mm




1000Volt

31395	11 Piece Insulated 1/4" T-handle & Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. 31395	Set includes the following:
	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs. 1.40	Insulated 1/4" T-handle



1000Volt




31391	13 Piece Insulated 1/4" Drive Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. 31391	Set includes the following:
	5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
lbs.	1/4" x 50mm Extension Bar
1.41	1/4" x 100mm Extension Bar
	1/4" Ratchet - 140mm

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

Wiha Insulated 1/4" Socket accessories




1000Volt

29006	Insulated 1/4" Drive T-handle, With Insulated Handle
Insulation according to EN/IEC 60900 & CSA specification, up to 1000 Volt. Individually Tested. Blade CV steel, hardened.	
Item	 OAL OAL  
No.	Inch mm Inch lbs. pkg.
29006	1/4 160 6.2" .57 1





1000Volt

31394	11 Piece Insulated 1/4" T-handle & Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. 31394	Set includes the following:
	3/16, 7/32, 1/4, 9/32, 5/16, 11/32,
lbs.	3/8, 7/16, 1/2, 9/16"
1.40	Insulated 1/4" T-handle



1000Volt



128	Insulated 1/4" Extension Bars, ASTM F-1505-01, EN/IEC 60900 & CSA Chrome-Vanadium steel.
Item	OAL OAL  
No.	Inch mm Inch lbs. pkg.
12854	1/4" 50 2.0 .08 1
12855	1/4" 100 3.9 .12 1

Wiha Insulated 3/8" Sockets & Sets



1000Volt

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



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

*Sockets must be used with insulated ratchets & extensions



1000Volt

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

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


*Sockets must be used with insulated ratchets & extensions

Wiha Insulated 3/8" Sockets & Sets



1000Volt


31493 10 Piece Insulated 3/8" Drive Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No. 31493	Set includes the following:
	5/16, 3/8, 7/16, 1/2,
lbs.	9/16, 5/8, 11/16, 3/4"
2.50	3/8" x 125mm Extension Bar
	3/8" Ratchet - 280mm



1000Volt


31590 10 Piece Insulated 3/8" Drive Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No. 31590	Set includes the following:
	8, 10, 11, 12, 13, 14, 17, 19mm
lbs.	3/8" x 125mm Extension Bar
2.50	3/8" Ratchet - 280mm



1000Volt

31491 16 Piece Insulated 3/8" Drive Socket Set - Inch/Metric
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.


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

Wiha Insulated 3/8" Sockets & Sets



1000Volt

31495 24 Piece Insulated 3/8" Drive Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

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

*Sockets must be used with insulated ratchets & extensions



1000Volt

31592 24 Piece Insulated 3/8" Drive Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.


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

*Sockets must be used with insulated ratchets & extensions




1000Volt

31496 10 Piece Insulated 3/8" T-handle & Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

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

31595 10 Piece Insulated 3/8" T-handle & Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

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

Wiha Insulated 3/8" Socket accessories



1000Volt

12852 Insulated 3/8" Drive Ratchet, EN/IEC 60900
Chrome-Vanadium steel. Reversible.

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



1000Volt

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

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

1000Volt



#29009

#12327

1000Volt Insulated 3/8" Drive T-handle Or Breaker Bar
Insulation according to EN/IEC 60900 specification, up to 1000 Volt Rated. Individually Tested. Blade chrome-vanadium steel, hardened.



Item No.	ØMM	OAL mm	OAL Inch	lbs.	pkg.
29009	3/8	200	7.9"	.55	1
12327	3/8	225	9.0"	.68	1

Wiha Insulated 1/2" Sockets & Sets



1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions



Individually Tested



1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions


Wiha Insulated 1/2" Sockets & Sets



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:

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


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



Metric 1000Volt

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



Item No. Set includes the following:

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



1000Volt

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

Item	OAL	OAL		
No.	Inch	mm	Inch	lbs. pkg.
12326	1/2"	250	9.8	1.04 1

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

Uses standard 12" blade



1000Volt

19767 Hacksaw, With Insulated Handle
Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

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



1000Volt

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

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

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

Wiha Insulated Cable Cutters



For cutting solid aluminum & copper conductors

1000Volt

11950 Cable Cutter, With Insulated Handle
Insulation According to EN/IEC 60900, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Blade alloyed tool steel. Induction hardened.

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

For cutting multi strand aluminum & copper cables
← 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



1000Volt

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

Chrome-vanadium steel, drop forged, oil hardened.

Item	OAL	OAL	↔	↔
No.	mm	Inch	lbs.	pkg.
11625	250	10.0"	1.2	1
11630	300	12.0"	1.8	1

Wiha Insulated Ratcheting Cable Cutters



1000Volt

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

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

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

Wiha Insulated Serrated Tweezers

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings



Carbon steel with chrome nickel plated

1000V

10,000 Volt tested 1000Volt rated

Wiha Insulated Serrated Tweezers



1000Volt

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

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

1000Volt

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

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

1000Volt

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

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

1000Volt

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

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

1000Volt

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

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

1000Volt

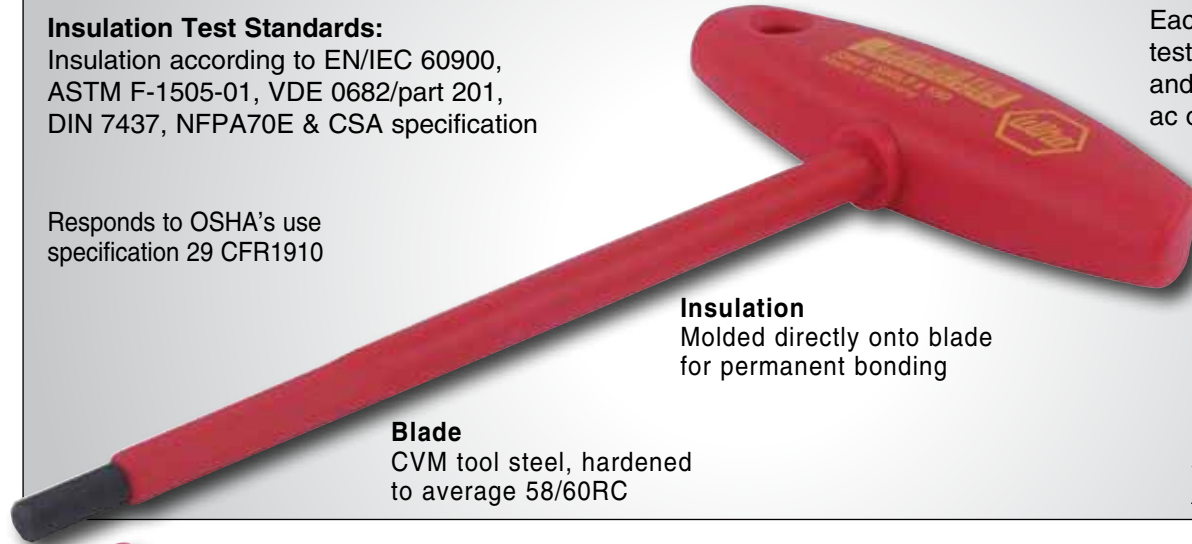
75304 Insulated Serrated Angled Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

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

Wiha Insulated T-handles

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

Responds to OSHA's use
specification 29 CFR1910

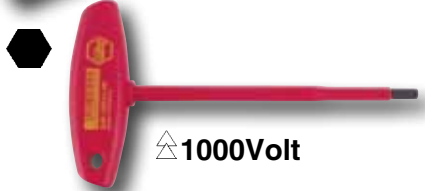


Each tool individually
tested to 10,000 volts
and rated to 1000 Volt
ac or 1500 Volt dc


Insulation
Molded directly onto blade
for permanent bonding






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

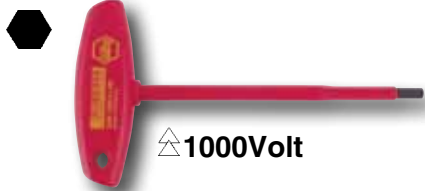
 **1000V**




 **1000V**








334 Inch T-handle, With Wiha-Molded Handle. Insulation
According to ASTM F-1505-01, New VDE Specification 0682/part 201
and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually
Tested. Blade CVM steel, hardened. Insulation molded directly onto
blade. Wiha-SoftFinish® handle, multi-component.

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



 **1000V**



334 Metric T-handle, With Wiha-Molded Handle. Insulation
According to ASTM F-1505-01, New VDE Specification 0682/part 201
and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually
Tested. Blade CVM steel, hardened. Insulation molded directly onto
blade. Wiha-SoftFinish® handle, multi-component.

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





 **1000V**

33490 6 Piece Inch T-handle Hex Set

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



33478 5 Piece Metric T-handle Hex Set

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



Wiha Multi-Bit Screwdrivers

Six Tools in One!

Insulated Bit Holder



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

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

38006 Slotted/Phillips Multi-Bit Screwdriver
With Wiha Powerhandle and insulated shaft.
Set includes the following 1/4" bits:

Slotted Sizes: 5.5, 6.5mm	lbs.
Phillips Sizes: 0, 1, 2, 3	.39

38007 Slotted/Phillips/Square Multi-Bit Screwdriver
With Wiha Powerhandle and insulated shaft.
Set includes the following 1/4" bits:

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

38025 Magnetic Bit Holder, 1/4" Wiha Powerhandle and insulated shaft. Holder only can hold up to 6 bits.
lbs. .26

Wiha Insulated TorqueControl Tools

Includes Certificate



Includes SlimLine blade holder

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

Item No.	Range	mm	lbs.	pkg.
28724	7.5 - 20	.5 Inch lbs	126 - 131	.43 1
28726	10 - 50	2 Inch lbs	133 - 138	.40 1
28727	20 - 70	2 Inch lbs	137 - 142	.69 1

287 Insulated TorqueVario-S Handle - In Newton Meter Scale

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

Each TorqueVario handle has unique serial number & certificate of calibration



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

Item No.	OAL mm	OAL Inch	lbs.	pkg.
28350	6.0	170 6.7	.02	1

Wiha Insulated TorqueControl & SlimLine Tool Sets



28791 8 Piece Insulated TorqueControl Set With Slotted & Phillips SlimLine Blades Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 5 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

Item No.	lbs.
28791 SlimLine Slotted: 3.0, 4.0, 5.5mm	.87
SlimLine Phillips: #1, #2	
28726 - Handle Range 10-50 Inch/lbs.	
SlimLine Blade Holder	

With Certificate of Calibration



28792 16 Piece Insulated TorqueControl Set With SlimLine Blades
Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 13 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

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

With Certificate of Calibration

Wiha Insulated SlimLine Tools

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



High quality chrome vanadium steel, through-hardened

1000Volt Rated
10,000 Volt Tested

Integrated *Slim* Insulation molded directly onto blade

Ideal for jobs where access is limited

Insulation does not exceed screw head diameter

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



Wiha Insulated SlimLine Handle



1000Volt

28301 SlimLine Blade Holder, With Wiha-SoftFinish® Handle
Insulation According to VDE, ASTM F-1505-01 and EN/IEC 60900, NFPA70E & CSA, **up to 1000 Volt.**

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

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

Wiha Insulated SlimLine Blades



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

Item	mm	Inch	Inch	mm	Dia.	Nm	lbs.	lbs.	Pkg.
28308	3.0	.118	1/8	90	4.1	0.6	5.3	.02	1
28309	4.0	.157	5/32	90	4.1	2.5	22.2	.02	1
28312	5.5	.216	7/32	90	6.1	3.8	33.7	.02	1
28315	6.5	.255	1/4	90	6.1	5.5	48.8	.02	1



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

Item	Size	mm	Dia.	Working Length	Max Nm	Inch/ lbs.	lbs.	Pkg.
28317	1	90	4.1	2.8"	3.8	33.7	.02	1
28319	2	90	6.1	2.8"	5.5	48.8	.02	1

33% narrower insulation diameter



Slim Diameter

Wiha Insulated SlimLine Blades

← 1.8" →



283 Insulated Xeno Slotted & Phillips SlimLine Blades

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

Item No.	⊕	≡	Slim	Working	Max	Inch/	↔	▭
No.	Size	mm	Dia.	Length	Nm	lbs.	lbs.	Pkg.
28327	1	90	4.1	2.8"	3.8	33.7	.02	1
28329	2	90	6.1	2.8"	5.5	48.8	.02	1

← 1.8" →



283 Insulated TORX® SlimLine Blades

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

Item No.	⊕	≡	Slim	Working	Max	Inch/	↔	▭
No.	Size	mm	Dia.	Length	Nm	lbs.	lbs.	Pkg.
28339	T8	90	4.1	2.8"	1.3	11.5	.02	1
28340	T10	90	4.1	2.8"	3.8	33.7	.02	1
28341	T15	90	6.1	2.8"	5.5	48.8	.02	1
28342	T20	90	6.1	2.8"	5.5	48.8	.02	1

← 1.8" →



283 Insulated Square SlimLine Blades

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

Item No.	⊕	≡	Slim	Working	Max	Inch/	↔	▭
No.	Size	mm	Dia.	Length	Nm	lbs.	lbs.	Pkg.
28346	1	90	4.1	2.8"	3.8	33.7	.02	1
28347	2	90	6.1	2.8"	5.5	48.8	.02	1



Wiha Insulated SlimLine Blade Sets



1000Volt

28391 8 Piece Insulated SlimLine Blade Set

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

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

Item No.	↔	lbs.
28391	Slotted: 4.0, 6.5 x 90mm Phillips: #1, #2 x 90mm Xeno: #2 x 90mm TORX®: T15, T20 x 90mm 28301 - <i>SlimLine</i> Cushion Grip Blade Holder	.45



1000Volt

28390 15 Piece Insulated SlimLine Blade Set

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

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

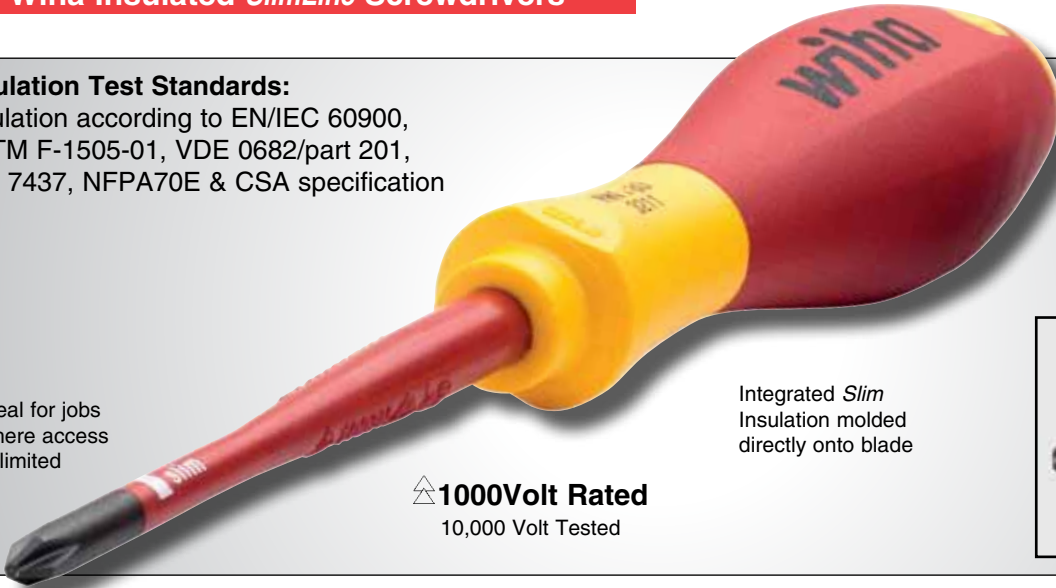
Item No.	↔	lbs.
28390	Slotted: 3.0, 4.0, 5.5, 6.5 x 90mm Phillips: #1, #2 x 90mm Xeno: #1, #2 x 90mm TORX®: T8, T10, T15, T20 x 90mm Square: #1, #2 x 90mm 28301 - <i>SlimLine</i> Cushion Grip Blade Holder	.56

Wiha Insulated SlimLine Screwdrivers

Insulation Test Standards:

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

Ideal for jobs where access is limited



1000Volt Rated
10,000 Volt Tested

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



Integrated Slim Insulation molded directly onto blade

←1.4"→



320 Insulated Slotted SlimLine Screwdrivers
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **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.	⊖	⊖	⊖	Slim	⊖	⊖	⊖	⊖
	mm	Inch	Inch	Dia.	mm	mm	lbs.	Pkg.
32046	3.5	.139	9/64	3.5	100	204	.07	1
32049	4.0	.157	5/32	4.0	100	211	.12	1
32052	4.5	.177	3/16	4.5	125	211	.14	1
32055	5.5	.216	7/32	5.5	125	243	.21	1
32058	6.5	.255	1/4	6.5	150	268	.25	1

←1.4"→



307 Insulated Xeno SlimLine Screwdrivers For Terminal Screws
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **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.	⊕	Slim	⊖	⊖	⊖	⊖
	Size	Dia.	mm	mm	lbs.	Pkg.
30746	1	4.5	80	191	.12	1
30747	2	6.0	100	218	.21	1

←1.4"→



321 Insulated Phillips SlimLine Screwdrivers
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **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.	⊕	Slim	⊖	⊖	⊖	⊖
	Size	Dia.	mm	mm	lbs.	Pkg.
32145	1	4.5	80	204	.12	1
32146	2	6.0	100	211	.21	1

←1.4"→

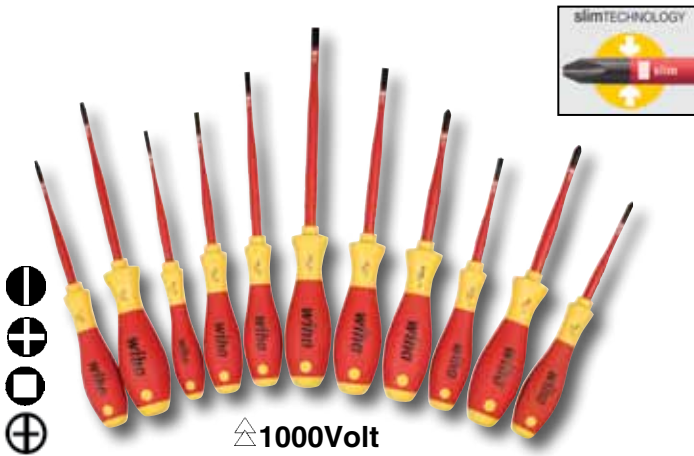


358 Insulated Square SlimLine Screwdrivers
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **1000 Volt. Individually Tested to 10,000Volts.**

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.	⊖	Slim	⊖	⊖	⊖	⊖
	Size	Dia.	mm	mm	lbs.	Pkg.
35844	1	4.0	100	218	.12	1
35845	2	4.5	125	243	.19	1

Wiha Insulated SlimLine Screwdriver Sets



⚡ 1000Volt

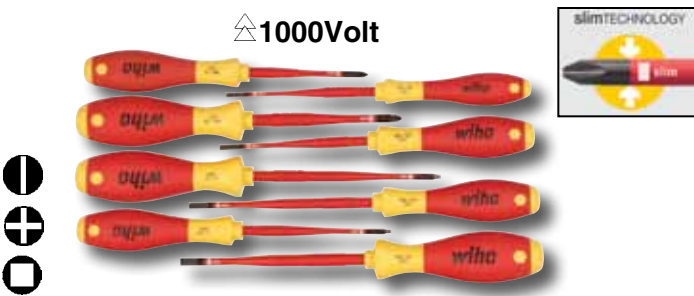
32198 11 Piece Insulated *SlimLine* Slotted, Phillips, Xeno & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

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

Wiha-SoftFinish® handle, multi-component, cushion grip.

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

⚡ 1000Volt



32197 8 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

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

Wiha-SoftFinish® handle, multi-component, cushion grip.

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



⚡ 1000Volt

32196 6 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts.

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

Wiha-SoftFinish® handle, multi-component, cushion grip.

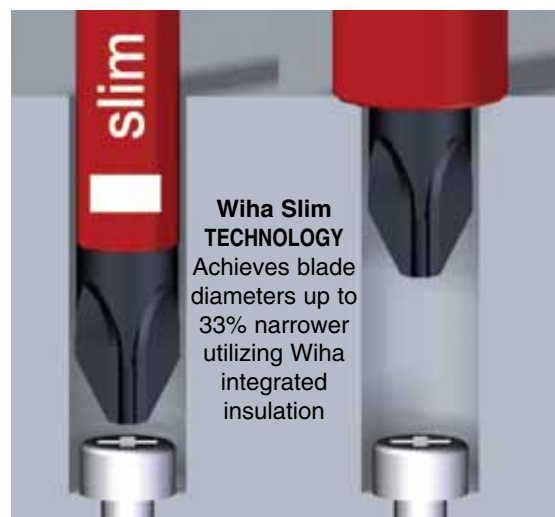
Item No.	⊕	⊖	⚡	⚡	⚡	
	Size	mm	mm	mm	lbs.	
32196	Phillips 1	80	Slotted	4.5	125	1.02
	Phillips 2	100	Slotted	6.5	150	
	Square 1	100				
	Square 2	125				



⚡ 1000Volt

32189 2 Piece Insulated *SlimLine* Slotted & Phillips Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, ⚡ up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item No.	⊕	⊖	⚡	⚡	⚡
	Size	mm	mm	mm	lbs.
32189	2	100	4.5	125	.37



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

Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle

Insulation Test Standards:

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

Responds to OSHA's use specification 29 CFR1910

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

SoftFinish® handle

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

Insulation

Molded directly onto the blade for permanent bonding

Blade


CVM tool steel, hardened to average 58/60RC

 **1000V**



 **1000Volt**

320 Slotted Screwdriver, With Wiha-SoftFinish® Handle


Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000 Volt. Individually Tested.

Item No.	mm	Inch	Inch	mm	Inch	mm	Inch	lbs.	pkg.
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

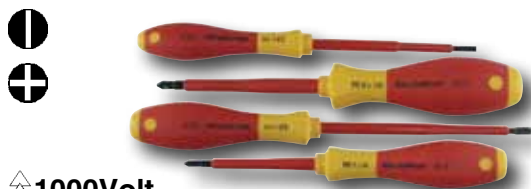


 **1000Volt**

321 Phillips Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000 Volt. Individually Tested.

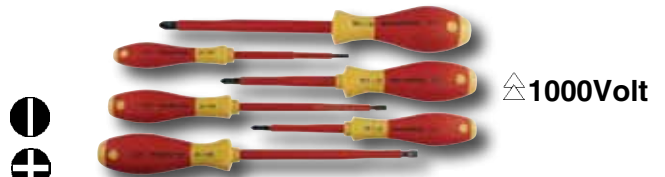
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32100	0	60	2.4	164	6.5	.06	10
32101	1	80	3.0	191	7.5	.12	10
32102	2	100	4.0	218	8.6	.20	10
32103	3	150	6.0	268	10.6	.34	10
32104	4	200	8.0	318	12.5	.39	10



 **1000Volt**

32090 4 Piece Slotted & Phillips Set

Item No.	mm	mm	mm	Size	mm	.76 lbs.
32090	Slotted	3.5	100	0.6	Phillips 1	80
	Slotted	4.5	125	1.0	Phillips 2	100



 **1000Volt**

32092 6 Piece Slotted & Phillips Set

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

32091 5 Piece Slotted & Phillips Set

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

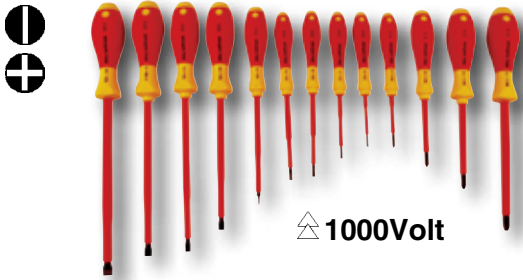


32188 7 Piece Slotted & Phillips Set

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

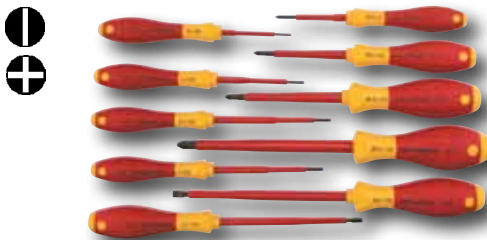
 **1000Volt**

Wiha Insulated Screwdriver Sets



32094 13 Piece Slotted & Phillips Set

Item No.		
32094	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm Phillips: 0, 1, 2, 3	lbs. 2.3



32093 10 Piece Slotted & Phillips Set

Item No.		
32093	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5 Phillips: 0, 1, 2, 3	lbs. 1.63



32190 15 Piece Slotted, Phillips & Inch Nut Drivers Set

Item No.			lbs.
32190	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm Phillips: 1, 2, 3 Nut Drivers Inch: 1/4, 5/16, 3/8, 7/16, 1/2"		5.9



Tool box set in blow molded tray

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

Insulated Screwdriver set in a light weight tool box tray.

Item No.		
32095	Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm Phillips: #0, #1, #2, #3 Square: #1, #2 Xeno Terminal: #1, #2	lbs. 4.92

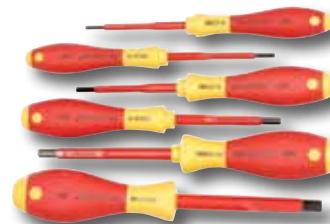
Single Pole Voltage Detector 110V to 250V

Wiha Insulated Hex Metric Screwdrivers



323 Hex Metric Screwdriver, With Wiha-SoftFinish® Handle
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.

Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
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



32366 6 Piece Insulated Hex Metric Screwdriver Set

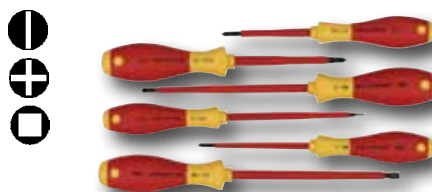
Item No.			lbs.
32366	Hex Metric: 2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm		1.06

Wiha Insulated Square Tip Screwdrivers



358 Square Tip Screwdriver, With Wiha-SoftFinish® Handle
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade.

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



35890 6 Piece Insulated Slotted, Phillips & Square Screwdrivers

Item No.		
35890	Slotted: 4.5 x 125mm, 6.5 x 150mm Phillips: 1 x 80mm, 2 x 100mm Square: 1 x 100mm, 2 x 150mm	lbs. .83

35891 6 Piece Insulated Slotted, Phillips & Square Screwdrivers

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

Wiha Insulated Nut Drivers



⚡ 1000Volt

322 Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation
According to ASTM F-1505-01, New VDE Specification 0682/part 01 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

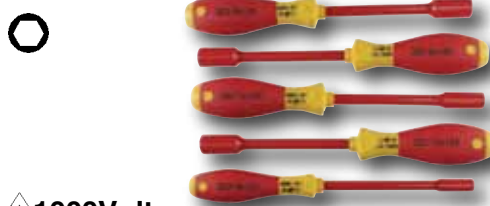
Item	⊙	≡	≡	≡	⚡	≡
No.	Inch	Inch	mm	Inch	lbs.	pkg.
32255	5/32	5.0	236	9.3	.15	10
32258	3/16	5.0	236	9.3	.15	10
32261	7/32	5.0	236	9.3	.16	10
32264	1/4	5.0	243	9.5	.24	10
32267	5/16	5.0	243	9.5	.25	10
32268	11/32	5.0	242	9.5	.26	10
32270	3/8	5.0	243	9.5	.26	10
32273	7/16	5.0	243	9.5	.36	10
32276	1/2	5.0	243	9.5	.39	10
32278	9/16	5.0	243	9.5	.39	10
32280	5/8	5.0	243	9.5	.41	10



⚡ 1000Volt

32296 11 Piece Nut Driver Set - Inch Sizes

Item	⊙	≡	⊙	≡	⚡
No.	Inch	Inch	Inch	Inch	lbs.
32296	5/32	5.0	3/8	5.0	3.00
	3/16	5.0	7/16	5.0	
	7/32	5.0	1/2	5.0	
	1/4	5.0	9/16	5.0	
	5/16	5.0	5/8	5.0	
	11/32	5.0			



⚡ 1000Volt

32291 5 Piece Nut Driver Set - Metric Sizes

Item	⊙	≡	⊙	≡	⚡
No.	mm	mm	mm	mm	lbs.
32291	6.0	125	9.0	125	1.36
	7.0	125	10.0	125	
	8.0	125			



⚡ 1000Volt

32293 7 Piece Nut Driver Set - Metric Sizes

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



⚡ 1000Volt

32292 5 Piece Nut Driver Set - Inch Sizes

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



⚡ 1000Volt

32294 7 Piece Nut Driver Set - Inch Sizes

Item	⊙	≡	⊙	≡	⚡
No.	Inch	Inch	Inch	Inch	lbs.
32294	3/16	5.0	3/8	5.0	2.24
	7/32	5.0	7/16	5.0	
	1/4	5.0	1/2	5.0	
	5/16	5.0			

Wiha Insulated Inch Nut Driver Set



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

Item No.	⊙	⊖	⊙	⊖	⊕
No.	Inch	Inch	Inch	Inch	lbs.
32288	3/16	5.0	7/16	5.0	3.16
	1/4	5.0	1/2	5.0	
	5/16	5.0	9/16	5.0	
	11/32	5.0	5/8	5.0	
	3/8	5.0			

Insulated Single-Pole Voltage Detector

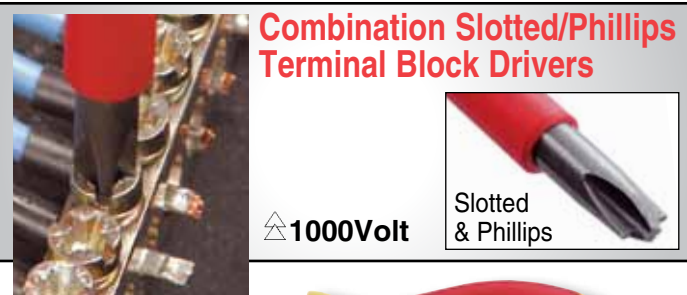


25511 Insulated Single-Pole Voltage Detector. 110-250 Volts.

Insulation According To DIN 57860/6 And DIN VDE 0680-6, GS Tested. Blade CVM steel, hardened, nickel-plated. Insulation molded directly onto blade. Amber LED light. 10,000Volt tested.

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

Insulated Terminal Block Xeno Screwdrivers



Combination Slotted/Phillips Terminal Block Drivers



307 Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505-01, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested. Blade CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Phillips head terminal screws.

Item No.	⊕	⊖	⊖	⊖	⊕	⊖
No.	Size	mm	mm	Inch	lbs.	pkg.
30700	1	80	191	7.5	1.23	10
30701	2	100	218	8.6	1.23	10

Wiha Insulated TORX® Screwdrivers



325 TORX® Screwdriver, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy cvm steel, hardened, black finish. Insulation molded directly onto blade.

Item No.	⊙	⊖	⊖	⊖	⊕	⊖
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



32590 6 Piece TORX® Set

Item No.	⊙	⊖	⊙	⊖	⊕
No.	Size	mm	Size	mm	lbs.
32590	T8	60	T15	80	.83
	T9	60	T20	80	
	T10	60	T25	80	



32592 10 Piece TORX® Set

Item No.	⊙	⊖	⊙	⊖	⊕
No.	Size	mm	Size	mm	lbs.
32592	T6	60	T15	80	1.2
	T7	60	T20	80	
	T8	60	T25	80	
	T9	60	T27	100	
	T10	60	T30	100	

Wiha Insulated “BitFlip” Sets

“8-In-1 Bit Sets”

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



Each insulated tool individually tested to 10,000 volts



Blade CVM tool steel, hardened



8-in-1 Bit Sets

Tested to 10,000Volts

Insulated

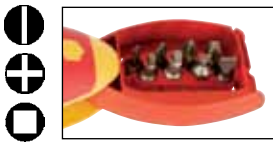


38017 Insulated BitFlip With Slotted/Phillips/TORX® Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4” bits:

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



8-in-1 Bit Sets

Tested to 10,000 Volts

Insulated

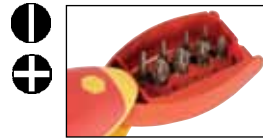


38016 Insulated BitFlip With Slotted/Phillips/Square Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4” bits:

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



8-in-1 Bit Sets

Tested to 10,000 Volts

Insulated



38018 Insulated BitFlip With Slotted/Phillips Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4” bits:

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

Use & Care Guide For Insulated Tools:

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

WARNING!

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

Wiha Insulated Belt Pack Pouch Sets

Insulation Test Standards:

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



⚠️ 1000Volt

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

Item No. Insulated Pliers/Cutters & Screwdrivers

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

Insulated SlimLine Screwdrivers:

Slotted: 4.5, 6.5mm • **Phillips:** 2

⚖️ lbs. 2.26



⚠️ 1000Volt

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

Item No. Pliers/Cutters & Multi-Bit Set

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

Set includes Bit Holder and the following bits:

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

⚖️ lbs. 1.67



⚠️ 1000Volt

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

Item No. Insulated Pliers/Cutters & Screwdrivers

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

Insulated Screwdrivers:

Slotted: 3.0, 4.5mm • **Phillips:** 2

⚖️ lbs. 1.77

⚠️ 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

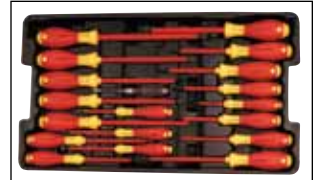
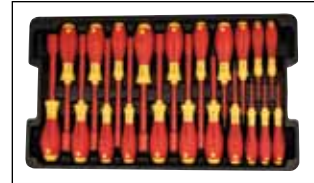
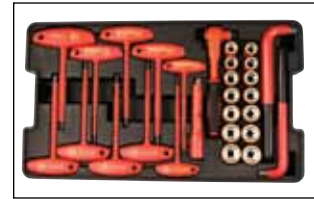
⚖️ lbs. 2.07

Wiha Insulated Tools-Comfort Grip Handles


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



1000Volt



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

Item# 32800 Set Includes:	 lbs. 33.9
6.3" Long Nose Pliers	6.3" Diagonal Cutters
8.0" Long Nose Pliers	8.0" High Leverage Cutters
6.3" Bent Nose Pliers	6.3" Cable Cutters
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench
Insulated Socket 1/2"	Insulated Nut Driver 7/32"
Insulated Socket 9/16"	Insulated Nut Driver 1/4"
Insulated Socket 5/8"	Insulated Nut Driver 5/16"
Insulated Socket 11/16"	Insulated Nut Driver 3/8"
Insulated Socket 3/4"	Insulated Nut Driver 7/16"
Insulated Socket 13/16"	Insulated Nut Driver 5.0mm
Insulated Socket 7/8"	Insulated Nut Driver 5.5mm
Insulated Socket 13mm	Insulated Nut Driver 6.0mm
Insulated Socket 14mm	Insulated Nut Driver 7.0mm
Insulated Socket 15mm	Insulated Nut Driver 8.0mm
Insulated Socket 17mm	Insulated Nut Driver 10.0mm
Insulated Socket 19mm	Insulated Nut Driver 13.0mm
Insulated Socket 20mm	Insulated Cable Knife 50mm
Insulated Socket 22mm	2 Meter Ruler In/MM
Insulated Ratchet 3/8" Drive	Single Pole Voltage Detector-110V to 250V
Insulated 4.9" Extension 3/8" Dr.	

Insulated Slotted 2.5mm	Insulated Phillips #0
Insulated Slotted 3.0mm	Insulated Phillips #1
Insulated Slotted 3.5mm	Insulated Phillips #2
Insulated Slotted 4.0mm	Insulated Phillips #3
Insulated Slotted 4.5mm	Insulated Slit/Ph Terminal #1
Insulated Slotted 5.5mm	Insulated Slit/Ph Terminal #2
Insulated Slotted 6.0mm	Insulated Square #1
Insulated Slotted 6.5mm	Insulated Square #2
Insulated Slotted 8.0mm	Insulated Torx T6
Insulated Slotted 10.0mm	Insulated Torx T7
Insulated T-handle Hex 5/32"	Insulated Torx T8
Insulated T-handle Hex 3/16"	Insulated Torx T9
Insulated T-handle Hex 7/32"	Insulated Torx T10
Insulated T-handle Hex 1/4"	Insulated Torx T15
Insulated T-handle Hex 5/16"	Insulated Torx T20
Insulated T-handle Hex 3/8"	Insulated Torx T25
Insulated T-handle Hex 4.0mm	Insulated Torx T30
Insulated T-handle Hex 5.0mm	Insulated L-key 10mm
Insulated T-handle Hex 6.0mm	Insulated L-key 1/2"
Insulated T-handle Hex 8.0mm	

Use & Care Guide For Insulated Tools:

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

WARNING!

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

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles



**80 Pc.
BIGGEST
SET**

1000Volt

32877 80 Piece Insulated Master Electrician's Set

Item# 32877	Set Includes:	⚡ lbs. 27.0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
6.3" Bent Nose Pliers	8.0" High Leverage Cutters	
8.0" Long Nose Pliers	8.0" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Insulated Slotted 2.0mm	Insulated Nut Driver 7/32"	
Insulated Slotted 2.5mm	Insulated Nut Driver 1/4"	
Insulated Slotted 3.0mm	Insulated Nut Driver 5/16"	
Insulated Slotted 3.5mm	Insulated Nut Driver 3/8"	
Insulated Slotted 4.0mm	Insulated Nut Driver 7/16"	
Insulated Slotted 4.5mm	Insulated Nut Driver 5.0mm	
Insulated Slotted 5.5mm	Insulated Nut Driver 5.5mm	
Insulated Slotted 6.0mm	Insulated Nut Driver 6.0mm	
Insulated Slotted 6.5mm	Insulated Nut Driver 7.0mm	
Insulated Slotted 8.0mm	Insulated Nut Driver 8.0mm	
Insulated Slotted 10.0mm	Insulated Nut Driver 10.0mm	
Insulated Phillips #0	Insulated Nut Driver 13.0mm	
Insulated Phillips #1	Insulated T-handle Hex 5/32"	
Insulated Phillips #2	Insulated T-handle Hex 3/16"	
Insulated Phillips #3	Insulated T-handle Hex 7/32"	
Insulated Slit/Ph Terminal #1	Insulated T-handle Hex 1/4"	
Insulated Slit/Ph Terminal #2	Insulated T-handle Hex 5/16"	
Insulated Torx T6	Insulated T-handle Hex 3/8"	
Insulated Torx T7	Insulated T-handle Hex 4.0mm	
Insulated Torx T8	Insulated T-handle Hex 5.0mm	
Insulated Torx T9	Insulated T-handle Hex 6.0mm	
Insulated Torx T10	Insulated T-handle Hex 8.0mm	
Insulated Torx T15	Insulated L-key 10mm	
Insulated Torx T20	Insulated L-key 1/2"	
Insulated Torx T25	Insulated Cable Knife 50mm	
Insulated Torx T30	2 Meter Ruler In/MM	
Insulated Square #1	Insulated Ratchet 3/8" Dr.	
Insulated Square #2	Insulated 4.9" Extension	
Insulated Socket 1/2"	Insulated Socket 13mm	
Insulated Socket 9/16"	Insulated Socket 14mm	
Insulated Socket 5/8"	Insulated Socket 15mm	
Insulated Socket 11/16"	Insulated Socket 17mm	
Insulated Socket 3/4"	Insulated Socket 19mm	
Insulated Socket 13/16"	Insulated Socket 20mm	
Insulated Socket 7/8"	Insulated Socket 22mm	



Master Electrician's Set



**66 Pc.
BIGGER
SET**

1000Volt

32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,

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

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

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles



1000Volt 48 Pc. BIG SET

32874 48 Piece Insulated Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **up to 1000 volt. Individually Tested.** Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Cushion Grip Insulated handles. Canvas tool bag.

Item# 32874	Set Includes:	↔ lbs. 19.4
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Combination Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Slotted: 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0mm		
Phillips: #0, 1, 2, 3 Square: #1, 2 Slit/Ph Terminal: #1, 2		
TORX: T8, T9, T10, T15, T20, T25, T27, T30		
Hex Inch: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"		
Nut Driver Inch: 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"		
Insulated Cable Knife & 2 Meter In/MM		



1000Volt

32879 25 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **up to 1000 volt. Individually Tested.**

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

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

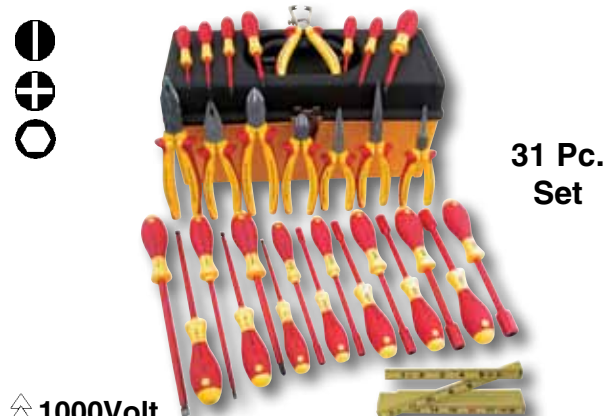


13 Pc. Set

1000Volt

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

Item# 32878	Set Includes:	↔ lbs. 6.60
8.0" Long Nose	9.0" Combo Pliers/Crimpers	
8.0" High Leverage Cutters	50mm Cable Stripping Knife	
Insulated Slotted: 3.0mm	Insulated Phillips: #1	
Insulated Slotted: 4.5mm	Insulated Phillips: #2	
Insulated Slotted: 6.0mm	Insulated Square: #1	
Insulated Slit/Ph Terminal: #1	Insulated Square: #2	
Insulated Slit/Ph Terminal: #2		



31 Pc. Set

1000Volt

32896 31 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **up to 1000 volt. Individually Tested.** Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Set includes 6ft. Fiber glass folding ruler.

Item# 32896	Set Includes:	↔ lbs. 12.85
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
7.0" Linemans Pliers	6.3" Stripping Pliers	
9.0" Combination Pliers	6.3" Round Nose Pliers	
Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm		
Phillips: #0, #1, #2, #3		
Inch Nut Driver: 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-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

Item# 32891 Set Includes: ⚡ lbs. 5.54

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



- 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-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

Item# 32895 Set Includes: ⚡ lbs. 6.60

8.0" Long Nose	6.3" Side Cutters
9.0" Combination Pliers	8.0" High Leverage Cutters
6.3" Stripping Pliers	Insulated Slotted 2.5mm
Insulated Phillips #1	Insulated Slotted 3.0mm
Insulated Phillips #2	Insulated Slotted 3.5mm
Insulated Phillips #3	Insulated Slotted 4.5mm
Insulated Slotted 2.0mm	Insulated Slotted 6.5mm



⚡ 1000Volt

32888 11 Piece Pliers & Screwdriver Set In Canvas Pouch

Item# 32888 Set Includes: ⚡ lbs. 3.58

6.3" Long Nose	6.3" Side Cutters
8.0" Combination Pliers	6.3" Stripping Pliers
Insulated Slotted 2.5mm	Insulated Phillips #0
Insulated Slotted 3.5mm	Insulated Phillips #1
Insulated Slotted 4.5mm	Insulated Phillips #2
Insulated Slotted 6.0mm	



⚡ 1000Volt

32892 10 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag

Item# 32892 Set Includes: ⚡ lbs. 6.64

8.0" Bent Nose	8.0" Combination Pliers
6.3" Long Nose	6.3" Side Cutters
Insulated Phillips #0	Insulated Slotted 3.0mm
Insulated Phillips #1	Insulated Slotted 4.5mm
Insulated Phillips #2	Insulated Slotted 6.5mm



⚡ 1000Volt

32894 12 Piece Pliers & Screwdriver Set In canvas tool bag

Item# 32894 Set Includes: ⚡ lbs. 8.60

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

Wiha Insulated Pliers with High Visibility Comfort Grip Handle

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



⚡ 1000Volt

32889 8 Piece Pliers & Cutters Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

Item# 32889 Set Includes:	↔ lbs. 4.63
6.3" Long Nose Pliers	8.0" Long Nose Pliers
6.3" Lineman's Pliers	6.3" Diagonal Cutters
9.0" Lineman's Pliers	8.0" High Lev. Cutters
6.3" Wire Stripping Pliers	Electrician's Knife



⚡ 1000Volt

32869 14 Piece Pliers/Cutters & Screwdrivers Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

Item# 32869 Set Includes:	↔ lbs. 6.52
9.0" Lineman's Pliers	8.0" High Leverage Cutters
8.0" Cable Cutters	8.0" Long Nose Pliers
6.0" Stripping Pliers 10-20 AWG	
SlimLine Slotted 3.0mm	SlimLine Phillips #1
SlimLine Slotted 4.5mm	SlimLine Phillips #2
SlimLine Slotted 6.5mm	SlimLine Terminal #2
SlimLine Square #1	Single Pole Tester
SlimLine Square #2	



⚡ 1000Volt

32867 10 Piece Pliers & Screwdriver Set In Canvas Pouch

Item# 32867 Set Includes:	↔ 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

Item# 32868 Set Includes:	↔ lbs. 4.24
7.0" Diagonal Cutters	9.0" Combo Pliers
8.0" Long Nose Pliers	6.3" Wire Strippers
7.0" Crimping Pliers	
Insulated Slotted 3.0mm	Insulated Phillips #1
Insulated Slotted 4.5mm	Insulated Phillips #2
Insulated Slotted 6.0mm	

WARNING!

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

Use & Care Guide For Insulated Tools:

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

Wiha Insulated Pliers & Cutters

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

Hard chrome finish for long lasting corrosion protection

1000V

Cutters additionally induction hardened

Soft grip ergonomically designed handle body

Safety slip guard

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

Insulated Linemans Pliers With Crimpers

5-In-1 Lineman's Pliers



With Lower Crimping Jaw

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 No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
32821	225	9.0	#4	1	.88

Insulated High Leverage Combination Pliers

Lineman's



32820 High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5746

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. C 60 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.

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

Insulated Combination Lineman's Pliers

1000volt



328 Combination Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5746 Extra long cutting edge for flat & round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 60HRC. Special CV tool steel forgings, Chrome finish. Use for gripping and holding as well as cutting soft and hard wires and cables. Two component soft grip ergonomic handles.

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

Insulated Diagonal Cutters



1000volt

328 Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749 Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 60 HRC. Special tool steel hardened and tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.

Item	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 High Leverage Diagonal Cutters



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

1000volt

328 High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749 Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64 HRC. C 60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

Item	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 Electrician's Diagonal Cutters

Strips AWG #10 & #14



1000volt

32861 Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), chrome-nickel plated, mirror-polished. Ergo comfort grip with slip guard. Holes in the cutting edge for stripping copper wire of Ø 1.5 and 2.5.

Item	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
32861	160	6.3	#6	1	.55

Insulated Serrated Edge Cable Cutters



1000volt

328 Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 62 HRC. Special tool steel, hardened & tempered. For cutting of copper & aluminum cables without crushing.

Item	mm	Inch	Ø	mm2	Pkg.	lbs.
32826	160	6.3	16	50	1	.42
32828	200	8.0	20	60	1	.67

Insulated Crimping Pliers



32841 Insulated Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64 HRC. CV 60 special tool steel hardened & tempered.

Item	mm	Inch	mm2	AWG	Pkg.	wt.
32841	180	7.0	0.25-2.5	6-30	1	.57

Insulated Long Nose Pliers

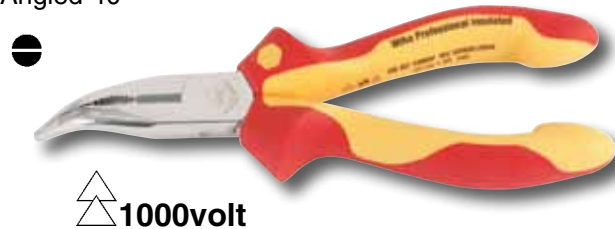


328 Long Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, Δ up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), chrome-nickel plated, mirror-polished, ergonomic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

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

Insulated Bent Nose Pliers

Angled 40°



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

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

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

Round Nose Pliers

Δ 1000volt



32870 Round Nose Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, Δ up to 1000 volt. Individually Tested. Drop-forged from special tool steel, individually induction hardened, chrome and nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Serrated jaws.

Item No.	↔ ↔		☑ ☑	
	mm	Inch	Pkg.	wt.
32870	160	6.3	1	.34

Insulated Long Flat Nose Pliers

Δ 1000volt



32810 Long Flat Nose Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, Δ up to 1000 volt. Individually Tested. DIN ISO 5745

Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings, Chrome finish. Two component Soft Grip handles. Use for Gripping and right-angle bending of wires and sheet metal parts.

Item No.	↔ ↔		☑ ☑	
	mm	Inch	Pkg.	wt.
32810	160	6.3	1	.39

Insulated Stripping Pliers

Δ 1000volt



32860 Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, Δ 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 \varnothing 5mm/#4 Awg.

Item No.	↔ ↔		Stripping Capacity Copper AWG	☑ ☑	
	mm	Inch		Pkg.	wt.
32860	160	6.3	#4 - #28	1	.50

Wiha Canvas Pliers Holster

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

91256 Pliers Canvas Holster

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



Insulated Stripping Pliers



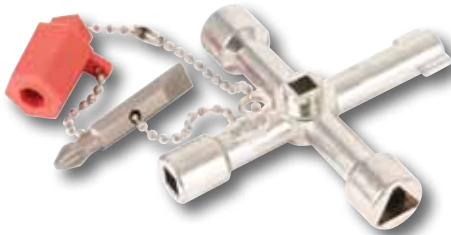
1000Volt

10250 Insulated Stripping Pliers. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification.

Individually Tested. Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

Item No.	mm	Inch	Ø	AWG	Pkg.	lbs.
10250	160	6.3"	0.81-2.59	20-10	5	.26

Switch Cabinet Key



21103 Switch Cabinet Keys

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

Item No.	mm	Inch	Pkg.	lbs.
21103	76	3.0"	5	.22

Protturn Insulated Electrician's Shears



32951 Protturn Insulated Electrician's Shears

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

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

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

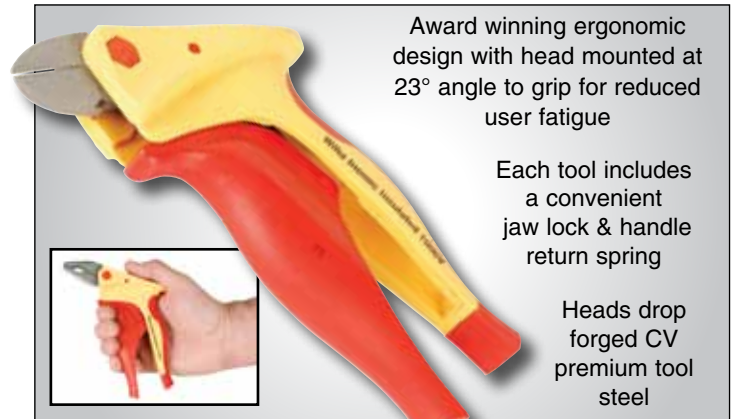
91230 Inomic Canvas Holster

Item No.	Width	Height	Weight	Pkg.
91230	4.0 x	4.5	.05	1

Holds any Inomic Pliers



Wiha Inomic 1000Volt Insulated Pliers



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

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel



32850

32852

32854

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

1000volt

32850 Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually

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

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

32852 Inomic Long Nose Pliers

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

32854 Inomic Diagonal Cutters

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

Insulation Standards:

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



1000Volt

32859 3 Pc. Insulated Inomic Pliers/Cutters Set

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

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

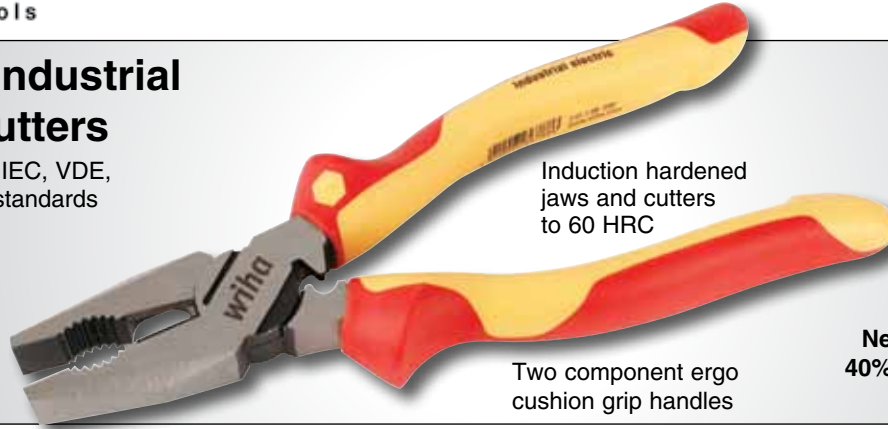


Insulated Industrial Pliers & Cutters

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

10,000 Volt tested
1000 Volt Rated

Industrial brushed finish



Induction hardened jaws and cutters to 60 HRC

Two component ergo cushion grip handles

 1000V




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

Insulated Lineman's Pliers With Crimpers



Long life high performance dynamic 60/40 joint

 1000volt


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 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-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), half-round jaws, serrated gripping surface. Industrial brushed finish. Ergonomic comfort grip with slip guard.


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

Insulated Diagonal Cutters



Long life high performance dynamic 60/40 joint

 1000volt

329 Insulated Industrial Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5749 Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 60 HRC. Special tool steel hardened and tempered. Industrial brushed finish. For soft, medium hard wire & piano wire.

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

Insulated Stripping Pliers



 1000volt

32947 Insulated Industrial Stripping Pliers. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5745 Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 60 HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item No.	mm	Inch	Stripping Capacity Copper AWG	Pkg.	wt.
32947	160	6.3	#4 - #28	1	.46

Insulated Combo Pliers With Dynamic Joint

1000volt



Long life high performance dynamic 60/40 joint

32930 Insulated Industrial High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5746
Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 60HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Industrial brushed finish. Two component soft grip ergonomic handles.

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

Insulated Heavy Duty Cable Cutters

1000volt



32927 Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 60 HRC. Premium CV tool steel forgings. For cutting of copper & aluminum cables without crushing. Two component ergo cushion grips for best user comfort.

Item	↔	↔	☐		↕
No.	mm	Inch	∅	mm2	Pkg. lbs.
32927	200	8.0	20	60	1 .78

Insulated Crimpers

1000volt



32945 Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 60 HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Crimps 6 - 30 AWG Connectors.

Item	↔	↔	☐		↕
No.	mm	Inch	mm2	AWG	Pkg. wt.
32945	180	7.0	0.25-2.5	6-30	1 .64

Insulated Water Pump Pliers

1000volt



32954 Insulated Industrial Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. 10 opening settings provides optimal adjustment to objects being gripped. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Black finish.

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

Insulated Push Button Water Pump Pliers

1000volt



32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Extra narrow head for working in small spaces. Rapid and simple push button setting & locking. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened & tempered.

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

Wiha Insulated Industrial Tool Sets



In Belt Pack Pouch

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



1000Volt

32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers

Item No. Insulated Pliers/Cutters & Screwdrivers

32985 8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters

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

lbs. 2.30



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

Tool box set in blow molded tray

1000Volt

32999 9 Piece Insulated Industrial Pliers & Cutters Set

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

Item No.

32999	9.0" Lineman's Pliers	8.0" High Leverage Combo Pliers
	6.3" Long Nose Pliers	8.0" Cable Cutters
	8.0" Long Nose Pliers	6.3" Stripping Pliers
lbs.	6.3" Diagonal Cutters	7.0" Crimping Pliers
6.34	8.0" Diagonal Cutters	



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



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 Tool Tray Sets



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



Tool box set in blow molded trays

1000Volt

32989 28 Piece Insulated Industrial Pliers & Cutters Set

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

Item No. Set Includes:

32989	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	
	Voltage Detector 3.0mm 110-225Volts	


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-1505-01, 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-1505-01, 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-1505-01, NFPA70E, **up to 1000 volt. Individually Tested.** In Roll Out Pouches
Item# 32988 Set Includes:  lbs. 5.74
 8.0" Long Nose Pliers 6.3" Diagonal Cutters
 9.0" Lineman's w/Cutters 8.0" H.D. Diagonal Cutters
 8.0" Cable Cutters 6.3" Stripping Pliers
 7.0" Crimping Pliers
 15 Pc. *SlimLine* Blade Set includes: Insulated *SlimLine* Blade Holder
 Slotted: 3.0, 4.0, 5.5, 6.5 Phillips: #1, #2 Xeno: #1, #2
TORX: T8, T10, T15, T20 Square: #1, #2

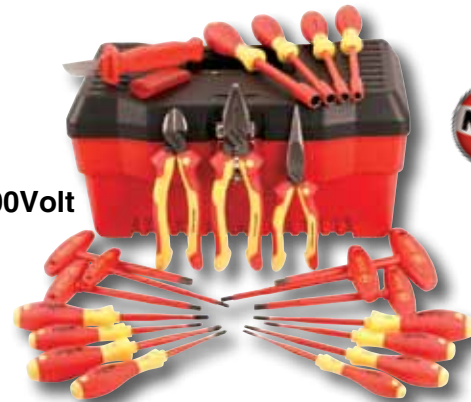


Now in
canvas
tool bag

1000Volt




32390 11 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **up to 1000 volt. Individually Tested.** In canvas tool bag
Item# 32390 Set Includes:  lbs. 6.30
 8.0" Linemans Pliers 6.3" Long Nose Pliers W/Cutter
 8.0" Long Nose Pliers W/Cutter 6.3" Diagonal Cutter
 8.0" High Leverage Cutter
 Insulated Phillips #0 Insulated Slotted 3.0mm(1/8")
 Insulated Phillips #1 Insulated Slotted 4.5mm(3/16")
 Insulated Phillips #2 Insulated Slotted 6.5mm(1/4")



1000Volt



32973 22 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **up to 1000 volt. Individually Tested.** In molded tool box
Item# 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 Insulated Slim Slotted 3.5mm(9/64")
 Insulated Slim Phillips #2 Insulated Slim Slotted 4.5mm(3/16")
 Insulated Slim Xeno #1 Insulated Slim Square #1
 Insulated Slim Xeno #2 Insulated Slim Square #2
 Insulated T-handle Hex Inch: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"
 Insulated Inch Nut Drivers: 3/8, 7/16, 1/4, 5/16"

WARNING!

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



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Insulation Test



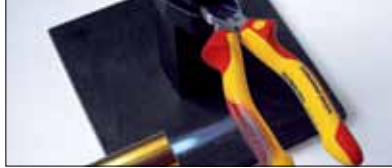
Cold Impact Test



Material Integrity Test



Puncture Test



Flame Resistance Test



Adhesion Test

Subject to change without notice

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To:

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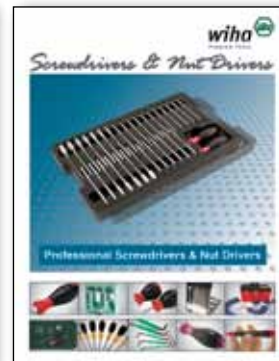
99060.w0 - Product Guide



99004.w0 - Shop Tools Catalog



99914.w0 - TORX Catalog



99002.w0 - Screwdrivers Catalog



99951.w0 - Bits Catalog



99001.w0 - TorqueControl Catalog



99934.w0 - Hex Tools Catalog



99006.w0 - Tech Tools Catalog



99945.w0 - ESD Catalog



99977.w0 - Pliers/Crimpers Catalog