



2017



wiha 

Tools that work for you

Professional Insulated Tools

Supporting Arc Flash Protection

10,000 Volt Tested
1000 Volt Rated



#32800

Complete Insulated Program



Arc Flash Protection:

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

ARC FLASH

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

WHY ARC FLASHES HAPPEN

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

ARC FLASH COMPLIANCE

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

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

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

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

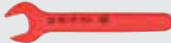
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarflash.com>


OSHA

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

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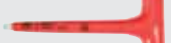

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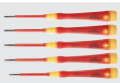
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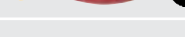

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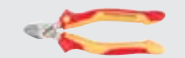



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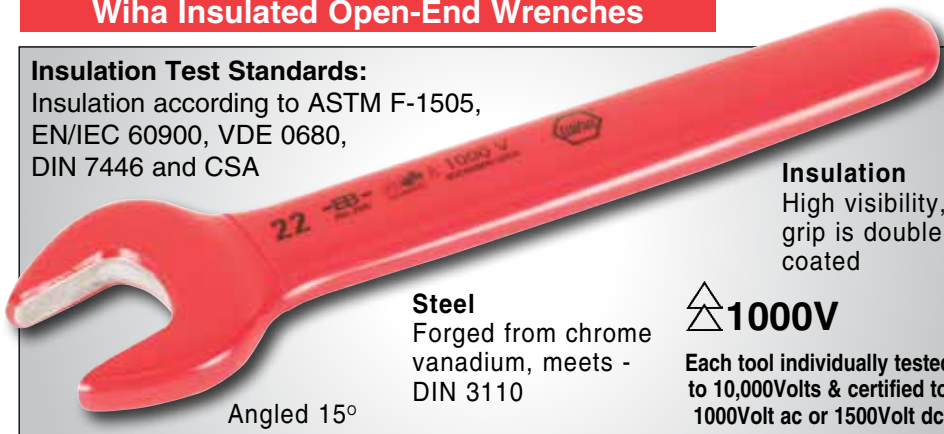
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Wiha Insulated Open-End Wrenches

Insulation Test Standards:

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



Insulation
High visibility, grip is double coated

Steel
Forged from chrome vanadium, meets - DIN 3110

1000V

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

Angled 15°



1000Volt

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

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

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



1000Volt

200 Metric Open-End Wrenches, With Insulated Handle

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



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20190 14 Piece Insulated Inch Open End Wrench Set

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



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20091 15 Piece Insulated Metric Open End Wrench Set

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



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20192 8 Piece Insulated Inch Open End Wrench Set

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



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20093 8 Piece Insulated Metric Open End Wrench Set

Item No.	⊘ _{MM}	OAL	⊘ _{MM}	OAL	↵
	mm	mm	mm	mm	lbs.
20093	6.0	97	13.0	137	1.4
	7.0	98	14.0	150	
	8.0	104	17.0	162	
	10.0	107	19.0	178	

Wiha Insulated Open-End Wrenches

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In Tool Box Tray

20194 13 Piece Insulated Inch Open

End Wrench Set In Tool Box Tray

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

In Tool Box Tray



 **1000Volt**

20196 13 Pc. Insulated Metric Open

End Wrench Set In Tool Box Tray

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

Wiha Insulated Ratchet Wrenches

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



Steel
Forged from chrome vanadium, meets - DIN 3110

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

 **1000V**



 **1000Volt**

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

Blade chrome-vanadium steel, hardened.

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



 **1000Volt**

21290 7 Piece Metric Insulated Ratchet Wrenches Set

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

Wiha Insulated Deep Offset Ring Wrenches

Insulation Test Standards:

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



Steel Forged from chrome vanadium, meets - DIN 3110

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

1000V



1000Volt

1000Volt



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



1000Volt

21094 16 Piece Inch Insulated Offset

Ring Wrenches Set

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

1000Volt



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

21093 16 Piece Metric Insulated Offset

Ring Wrenches Set

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



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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.	ØMM	OAL mm	OAL Inch	↔ lbs.	↔ pkg.
21008	8.0	159	6.3	.16	1
21009	9.0	159	6.3	.18	1
21010	10.0	171	6.8	.20	1
21011	11.0	178	7.0	.22	1
21012	12.0	191	7.5	.30	1
21013	13.0	194	7.6	.30	1
21014	14.0	203	8.0	.34	1
21015	15.0	203	8.0	.34	1
21017	17.0	219	8.6	.44	1
21019	19.0	241	9.5	.52	1
21020	20.0	250	9.8	.58	1
21022	22.0	257	10.1	.64	1
21024	24.0	279	11.0	.90	1
21027	27.0	286	11.3	.96	1
21030	30.0	311	12.3	1.28	1
21032	32.0	318	12.5	1.38	1

Use & Care Guide For Insulated Tools:

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

Wiha Insulated Adjustable Wrenches



1000Volt

76208 Insulated 8" Adjustable Wrench
Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

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

1000Volt

76210 Insulated 10" Adjustable Wrench
Etched on scale for pre-setting size. Slip guard handle for added protection.

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

1000Volt

76212 Insulated 12" Adjustable Wrench
Etched on scale for pre-setting size. Slip guard handle for added protection.

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

1000Volt

76215 Insulated 15" Adjustable Wrench
Etched on scale for pre-setting size. Slip guard handle for added protection.

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



1000Volt

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

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

Wiha Insulated Electrician's Knives

Insulation Test Standards:

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

Insulation molded on for permanent bonding



1000V

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



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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

WARNING!

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

Wiha Insulated Hex L-keys



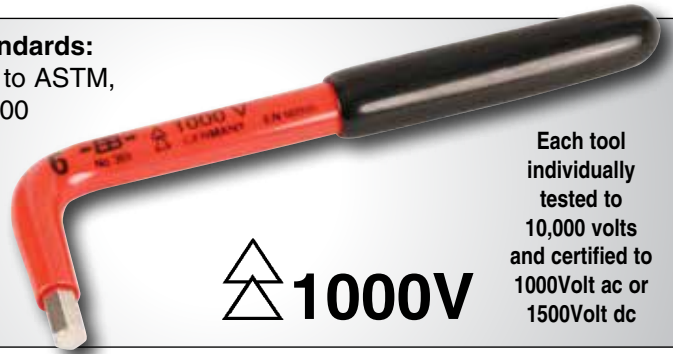
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136 Inch Insulated Hex L-keys, With Insulated Handle. Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

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

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

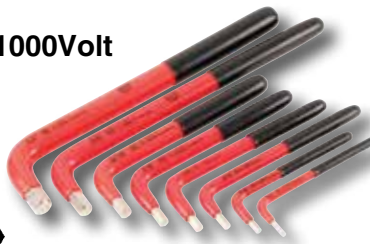
Insulation
Applied directly onto blade for permanent bonding



1000V

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

1000Volt



13690 8 Piece Insulated Inch Hex L-key Set

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

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13694 12 Pc. Insulated Inch Hex L-key Set

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



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

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



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13691 7 Piece Insulated Metric Hex L-key Set

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

1000Volt



13693 10 Piece Insulated Metric Hex L-key Set

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

Wiha Insulated Hex Bit Sockets



1000Volt



318 Insulated 3/8" Drive Sockets - 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



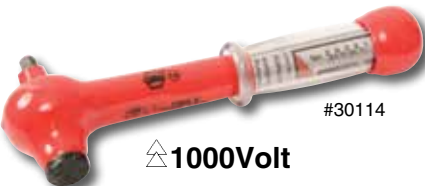
31890 7 Pc. Insulated 3/8" Drive Socket Set - Inch CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

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

Wiha Insulated Torque Ratchet Wrenches



#30138



#30114

1000Volt

301 Insulated Torque Ratchet Wrenches, 1/4, 3/8, 1/2" Drives Insulated to EN/IEC 60900:2004, ASTM F1505, CSA Standards Visible reading scale for easy reading and adjustment. Locking endcap Torque adjuster for easy adjustment. Accuracy +/- 10%. Dual scale reading Ft. lbs. / Nm.

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

Wiha Insulated 1/4" Sockets, Accessories & Sets

Inch - 6 Point



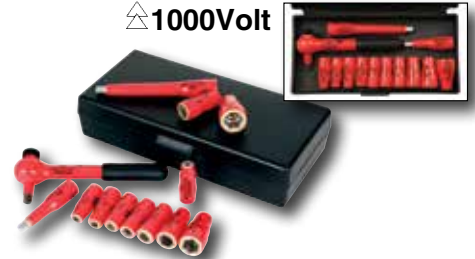
1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions

1000Volt



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

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

1000Volt



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

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

Metric - 6 Point



1000Volt

313 Insulated 1/4" Drive Sockets-6 Point, Insulation According Chrome-vanadium steel, forged, oil-hardened.

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

*Sockets must be used with insulated ratchets & extensions


Wiha Insulated 1/4" Sets & Accessories



 1000Volt

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

Item No. Set includes the following:

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

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



 1000Volt

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

Item No. Set includes the following:

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



 1000Volt

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

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

 1000Volt




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

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

 1000Volt



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

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

Wiha Insulated 3/8" Sockets



 1000Volt

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

CV steel, forged, oil-hardened.

Item No.	Inch	lbs.	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



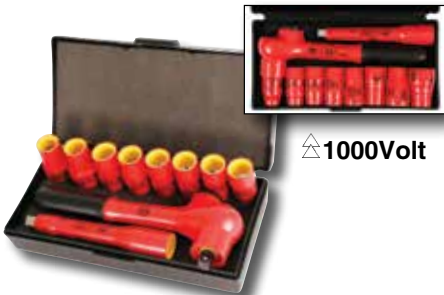
 1000Volt

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 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:
31493	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
lbs. 2.50	3/8" x 125mm Extension Bar 3/8" Ratchet - 190mm

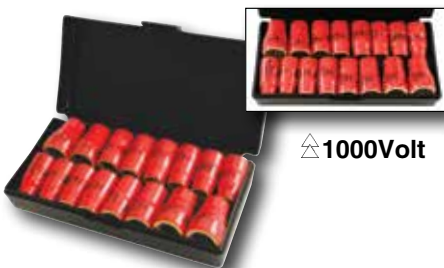


⚡ 1000Volt

31590 10 Pc. Insulated 3/8" Drive Socket

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

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

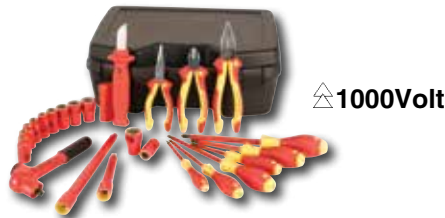


⚡ 1000Volt

31491 16 Piece Insulated 3/8" Drive

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

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



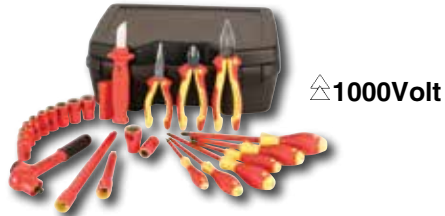
⚡ 1000Volt

31495 24 Pc. Insulated 3/8" Drive Socket

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

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

*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

31592 24 Pc. Insulated 3/8" Drive Socket

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

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

*Sockets must be used with insulated ratchets & extensions



⚡ 1000Volt

12852 Insulated 3/8" Drive Ratchet,

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

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



⚡ 1000Volt

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

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

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

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

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

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

Wiha Insulated 3/8" Socket Accessories



⚡ 1000Volt

128 Insulated 3/8" Extension Bars,

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



⚡ 1000Volt

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

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

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

Wiha Insulated 1/2" Sockets & Sets

1000Volt



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

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

*Sockets must be used with insulated ratchets & extensions



Individually Tested

1000Volt

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

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


*Sockets must be used with insulated ratchets & extensions

Inch



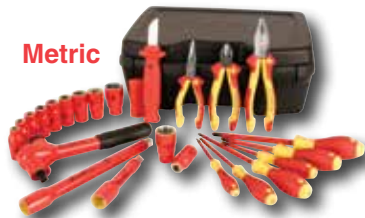
1000Volt

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

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

Metric



1000Volt

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

Item No.	Set includes the following:
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
	Ins. 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



31792 14 Pc. Insulated 1/2" Drive Socket Set - Inch CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.


Item No.	Set includes the following:
31792	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16"
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
7.64	1/2" x 250mm Extension Bar
	1/2" Ratchet - 190mm



1000Volt



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

Item No.	Set includes the following:
31694	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24mm
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
7.64	1/2" x 250mm Extension Bar
	1/2" Ratchet - 190mm

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

Wiha Insulated 1/2" Socket accessories



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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

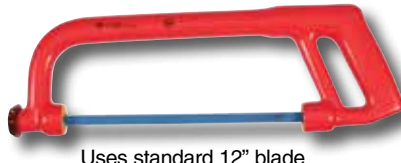


1000Volt

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

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

Wiha Insulated Hacksaw



Uses standard 12" blade

1000Volt

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

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

Insulated Waterpump Pliers



1000Volt

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

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



1000Volt

11630 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.	
11630	300	12.0"	1.8	1	

Insulated Cable Cutters

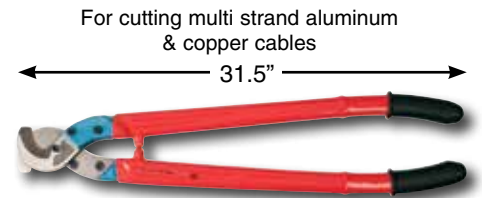


1000Volt

For cutting solid aluminum & copper conductors

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

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



For cutting multi strand aluminum & copper cables

31.5"

1000Volt

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

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



For cutting solid aluminum, copper & medium hard wires

1000Volt

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

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

Wiha Insulated Ratcheting Cable Cutters

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



1000Volt

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

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



1000Volt

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

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

Wiha Insulated Serrated Tweezers

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings

10,000 Volt tested 1000Volt rated



Carbon steel with chrome nickel plated

1000V



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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

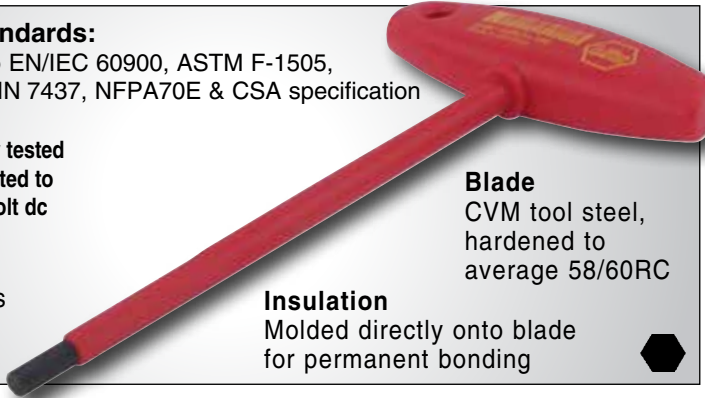
Wiha Insulated T-handle Hex Drivers

Insulation Test Standards:

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

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

Responds to OSHA's use specification 29 CFR1910



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

Insulation
Molded directly onto blade for permanent bonding












  **1000Volt**

  **1000Volt**



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

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

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








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



  **1000Volt**

  **1000Volt**

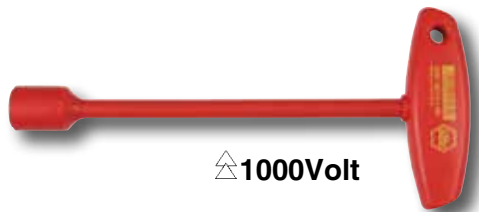
334 **Metric T-handle, With Wiha-Molded Handle.** Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

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


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








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

Wiha Insulated T-handle Metric Nut Drivers



 **1000Volt**

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

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



Wiha Insulated TorqueControl Tools

Includes Certificate

⚡1000Volt



Requires *SlimLine* blade holder

287 Insulated TorqueVario-S, With Window Scale Insulation up to 1000Volt. EN/IEC 60900 EN ISO 6798, BS EN 26789, ASME B107.14M & CSA, +/- 6% Accuracy.

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

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

287 Insulated TorqueVario-S Handle - In Newton Meter Scale

Item No.	Range	Nm	mm	lbs.	pkg.
28734	0.6 - 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



⚡1000Volt

28370 Insulated *SlimLine* Torque Blade Holder Chrome-vanadium-molybdenum steel. Through hardened black finish. Non-locking friction fit for *SlimLine* blades.

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



⚡1000Volt

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

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

Wiha Insulated TorqueControl & SlimLine Tool Sets



In Roll-up Pouch

With Certificate of Calibration

⚡1000Volt

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



28791 8 Piece Insulated TorqueControl Set With Slotted & Phillips *SlimLine* Blades Set includes Insulated multi-component adjustable TorqueVario-S handle, 5 *SlimLine* blades, *SlimLine* blade holder & Torque adjustment tool.

Item No.	Slotted:	Phillips:
28791	#3.0, 4.0, 5.0mm	#1, 2
	28726-Handle Range 10-50 Inch/lbs.	
	lbs. .87	

In Roll-up Pouch

⚡1000Volt



28792 16 Piece Insulated TorqueControl Set With *SlimLine* Blades Certified to EN ISO 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.	<i>SlimLine</i> Slotted:	<i>SlimLine</i> Phillips:	<i>SlimLine</i> Terminal Xeno:	<i>SlimLine</i> TORX:	<i>SlimLine</i> Square:
28792	4.0, 5.5, 6.5mm	#1, 2	#1, 2	T8, T10, T15, T20	#1, 2
	28727 - Handle Range 20-70 Inch/lbs.				
	<i>SlimLine</i> Blade Holder				
	lbs. 1.27				

With Certificate of Calibration

Wiha TorqueControl Insulated SoftFinish Pistol Ratchet & Adapter



Torque Setting can be set with tool integrated in the handle



Pistol Ratchet handle have a unique serial number & certificate of calibration

⚡1000V

28300 Insulated TorqueControl Cushion Grip Pistol Ratchet Insulation up to 1000 Volts EN ISO, BS EN, ASME, VDE, ASTM & NFPA70E standards, +/- 6% Accuracy. Audible and perceptible click when torque setting has been attained. Loosening torque approx. +30% greater than tightening torque. SoftFinish cushion grip handle for high torque.

Item No.	Range	In/lbs.	mm	mm	lbs.	lbs.
28300	17.5-70	110	125	.70	3.42	

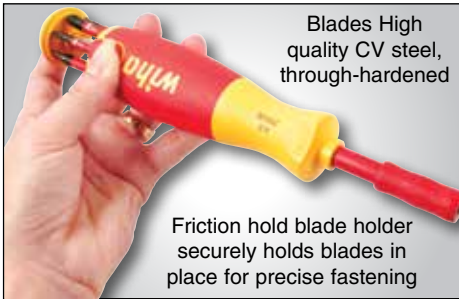


⚡1000Volt

28306 Insulated Blade Holder For Pistol Ratchet Handles CVM steel. Through hardened black finish. Non-locking friction fit for *SlimLine* blades.

Item No.	OAL	OAL	Inch	lbs.	pkg.
28306	6.0	86	3.375	.08	1

Wiha Insulated Pop-Up SlimLine Sets



Blades High quality CV steel, through-hardened

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

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

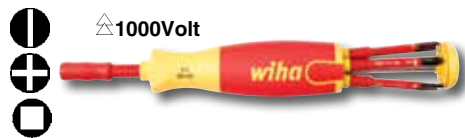


28393 Insulated Pop-Up Blade Holder

Set With Slotted/Phillips SlimLine Blades
Insulated cushion grip multi-component handle. Friction hold bit holder holds SlimLine Blades securely. Convenient rotating cap.

28393 Set includes the following blades:

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



28394 Insulated Pop-Up Blade Holder

Set With Slotted/Phillips/Sq. SlimLine Blades

28394 Set includes the following blades:

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



28395 Insulated Pop-Up Blade Holder

Set With SlimLine Blades

28395 Set includes the following blades:

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



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

Wiha Cushion Grip Pistol Ratchet W/Adapter



Bit Holder in the handle can hold up to 6 bits

Includes Slim Blade Holder

28305 Cushion Grip Pistol Ratchet
Finely serrated ratchet with 72 teeth, enables 5° switching angle. Cushion grip handle for high torque.

Item						
No.	Size	mm	Inch	mm	Inchs.	pkg.
28305	6.0	107	4.2	121	4.842	1






Wiha Cushion Grip Stubby SlimLine Blade Holder & Set



1000Volt

1000Volt

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

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



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

Item No.	Blades
28396	Slotted: 3.0, 3.5, 4.0, 5.5mm
↔ lbs. .60	Phillips: #1, 2
	Xeno SL/PH: #1, 2
	Xeno SL/PZ: #1, 2
	TORX®: T8, T10, T15, T20
	Square: #1, 2
	Hex Metric: 3.0, 4.0, 5.0mm
	SlimLine Stubby Blade Holder

Wiha Cushion Grip SlimLine Blade Holder



⚡ 1000Volt



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

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

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

33%
Narrower
Insulation
Diameter



Slim Diameter

Wiha Insulated SlimLine Blade Sets



NEW

⚡ 1000Volt

28399 30 Piece Insulated SlimLine Blade Set High quality CV steel, through hardened. Friction hold, stubby cushion grip handle. In belt wallet storage pouch.

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

Wiha Insulated SlimLine Blade Sets



⚡ 1000Volt

28390 15 Piece Insulated SlimLine Blade Set High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. Up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

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



⚡ 1000Volt

28391 8 Piece Insulated SlimLine Blade Set High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. Up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

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



NEW
⚡ 1000Volt

28392 12 Piece Insulated SlimLine Blade Set High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. In roll up pouch

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



NEW

⚡ 1000Volt

28398 19 Piece Insulated SlimLine Blade Set High quality CV steel, through hardened. Cushion grip handle with quick release holder to securely lock blades. SlimLine blades have up to 33% narrower insulation diameter than standard insulated tools. In zipper case

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



* Available May 2017

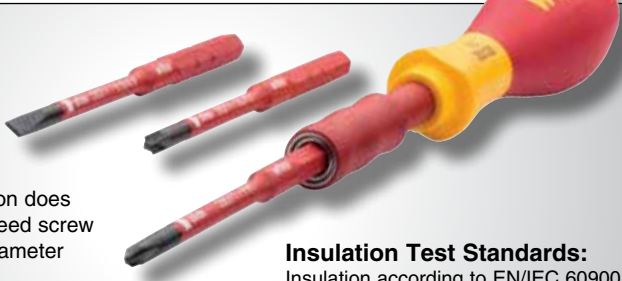
Wiha Insulated SlimLine Blades

Integrated *Slim* Insulation molded directly onto blade

High quality CV steel, through-hardened

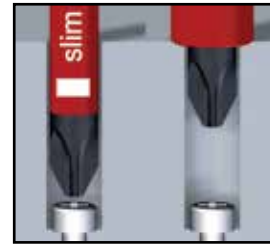
Insulation does not exceed screw head diameter



1000Volt Rated
10,000 Volt Tested



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

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





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



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

* 3.5mm Available May 2017



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

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



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

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



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

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



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

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



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

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

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

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

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

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

* T9 Available May 2017

Insulated PicoFinish Precision Screwdrivers



⚡ 1000Volt

320 Insulated Slotted PicoFinish

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

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

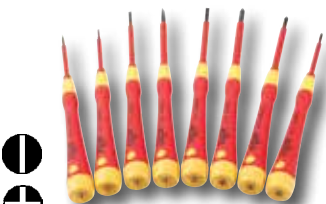


⊕ 1000Volt

321 Insulated Phillips PicoFinish

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

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



⚡ 1000Volt

32088 8 Piece Slotted & Phillips

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

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

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



Rotating cap for precise turning and control with fingertip

32085 5 Piece Slotted & Phillips

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

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

Wiha Insulated SlimLine Screwdrivers

Insulation Test Standards:

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

Ideal for jobs where access is limited

Integrated Slim Insulation molded directly onto blade



⚡ 1000Volt Rated
10,000 Volt Tested



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

←-1.4"→



⚡ 1000Volt

320 Insulated Slotted SlimLine

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

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

←-1.4"→



⊕ 1000Volt

321 Insulated Phillips SlimLine

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

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

←-1.4"→



⊕ 1000Volt

307 Insulated Xeno SlimLine Drivers

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

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

←-1.4"→



⊖ 1000Volt

358 Insulated Square SlimLine Drivers

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

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

←-1.4"→



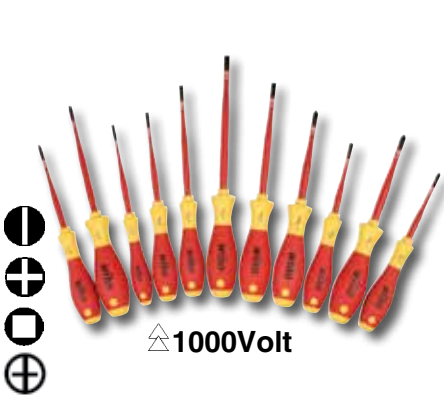
⚙ 1000Volt

325 Insulated Security TORX SlimLine


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

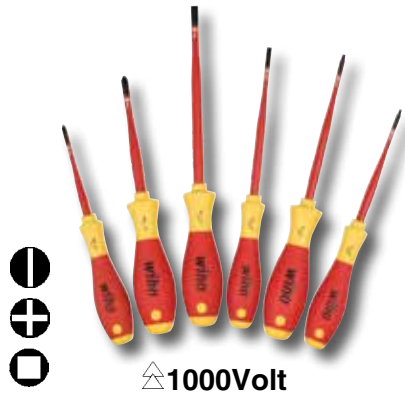
Item	⚙	⚡	⚡	⚡	⚡	⚡
No.	Size	mm	mm	lbs.	Pkg.	
32512	T10s	100	204	.08	1	
32513	T15s	100	211	.12	1	
32514	T20s	100	211	.12	1	
32515	T25s	125	243	.18	1	
32517	T27s	125	243	.21	1	
32518	T30s	125	243	.21	1	
32519	T40s	150	268	.26	1	

Wiha Insulated SlimLine Screwdriver Sets




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

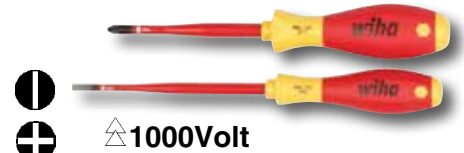
Item No.	Slotted: 3.5, 4.0, 4.5, 5.5, 6.5mm
32198	Phillips: #1, 2
	Square: #1, 2
lbs. 1.75	Xeno: #1, 2




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

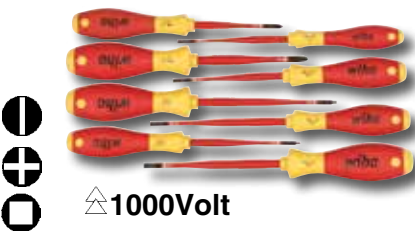
Item	Slotted: 4.5, 6.5mm	
No.	Phillips: #1, #2	lbs.
32196	Square: #1, #2	1.02

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





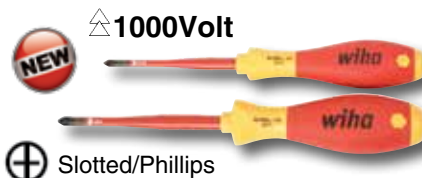
32189 2 Pc. Insulated SlimLine Slotted & Phillips Screwdrivers Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, Δ up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower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

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




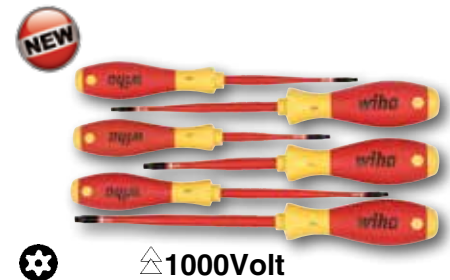
32197 8 Piece Insulated SlimLine
 Slotted, Phillips & Square Screwdrivers.
 Insulation According to ASTM F-1505, New
 VDE Specification 0682/part 201 and EN/
 IEC 60900, NFPA70E & CSA, Δ up to 1000
 Volt. Individually Tested to 10,000Volts.
 High quality CV steel, through hardened.
 SlimLine blades have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

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




30770 2 Pc. Insulated SlimLine Terminal Block Xeno Slotted/Phillips Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, Δ up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Item No.	Xeno: 4.5x125mm
30770	Xeno: #2x100mm
	lbs. .34



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

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

Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle

Insulation Test Standards:

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

Responds to OSHA's use specification 29 CFR1910



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

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

Insulation

Molded directly onto the blade for permanent bonding

Blade

CVM tool steel, hardened to average 58/60RC

1000V



page 32

1000Volt



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

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



1000Volt

32105 2 Piece Slotted & Phillips Set

Item ↓ Slotted: 5.5

No. ⊕ Phillips: #2

32105 ↵ lbs. .50



1000Volt

33532 2 Piece Slotted & Phillips Set

Item ↓ Slotted: 6.0

No. ⊕ Phillips: #2

33532 ↵ lbs. .50

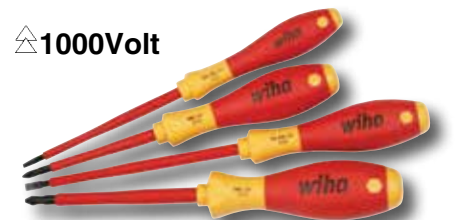
1000Volt



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

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

1000Volt



1000Volt

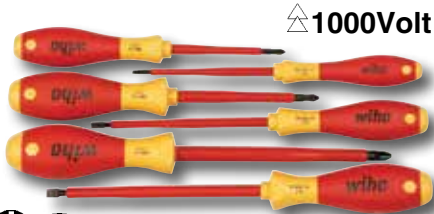
32090 4 Piece Slotted & Phillips Set

Item No. ↓ Slotted: 3.5, 4.5

32090 ⊕ Phillips: #1, 2

↵ lbs. .76

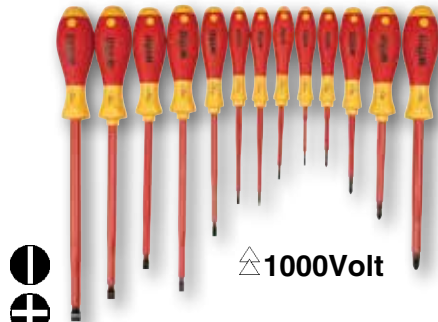
Wiha Insulated Screwdriver Sets



1000Volt



32092 6 Piece Slotted & Phillips Set
 Item No. Slotted: 3.5, 4.5, 6.5
 Phillips: #1, 2, 3
 32092 lbs. 1.38



1000Volt

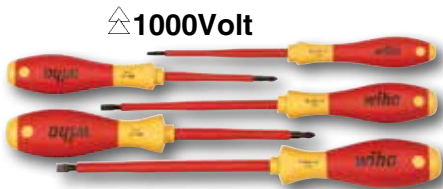


32094 13 Piece Slotted & Phillips Set
 Item No. Slotted: 2.0, 2.5, 3.0, 3.5, 4.5,
 32094 5.5, 6.5, 8.0, 10.0mm
 Phillips: #0, 1, 2, 3
 lbs. 2.3

1000Volt



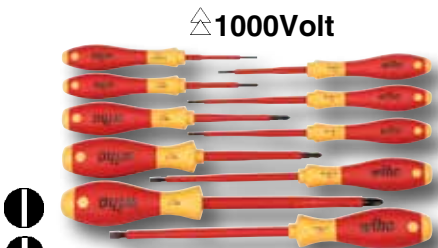
32192 14 Piece Slot/Phil/Inch Nut Drivers & Pliers/Cutters Set
 Item No. Slotted: 3.0, 4.5, 6.5mm
 32192 Phillips: 1, 2
 lbs. 5.5
 Nut Drivers Inch: 1/4, 5/16, 11/32, 3/8, 1/2"
 8.0" Combo Pliers,
 6.3" Diagonal Cutters
 6.3 & 8.0" Long Nose Pliers/Cutters



1000Volt



32091 5 Piece Slotted & Phillips Set
 Item Slotted: 3.0, 4.5, 6.5
 No. Phillips: #1, 2
 32091 lbs. 1.31



1000Volt



32093 10 Piece Slotted & Phillips Set
 Item No. Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5
 32093 Phillips: #0, 1, 2, 3
 lbs. 1.63



1000Volt



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



1000Volt



32188 7 Piece Slotted & Phillips Set
 Item No.
 32188 Slotted: 2.0, 2.5, 3.0, 3.5, 4.0
 Phillips: #0, 1
 lbs. .92



Tool box set in blow molded tray



1000Volt



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



Wiha Insulated Hex Metric Screwdrivers



⚡ 1000Volt

323 Hex Metric Screwdriver, With Wiha-SoftFinish® Handle

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

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



⚡ 1000Volt

32366 6 Piece Insulated Hex Metric Screwdriver Set

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

Wiha Insulated TORX® Screwdrivers

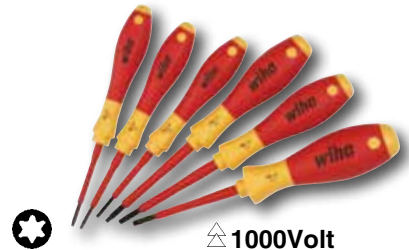


⚡ 1000Volt

325 TORX® Screwdriver, With Wiha-SoftFinish® Handle

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

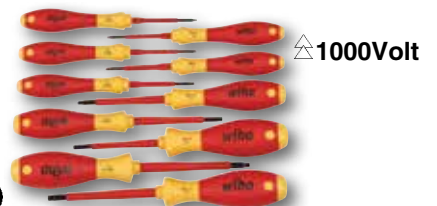
Item No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
32505	T5	60	2.4	164	6.5	.06	10
32511	T6	60	2.4	164	6.5	.06	10
32516	T7	60	2.4	164	6.5	.06	10
32521	T8	60	2.4	164	6.5	.06	10
32526	T9	60	2.4	164	6.5	.06	10
32531	T10	60	2.4	164	6.5	.06	10
32536	T15	80	3.0	191	7.5	.12	10
32541	T20	80	3.0	191	7.5	.12	10
32546	T25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



⚡ 1000Volt

32590 6 Piece TORX® Set

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



⚡ 1000Volt

32592 10 Piece TORX® Set

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

Wiha Insulated Square Tip Screwdrivers



⚡ 1000Volt

358 Square Tip Screwdriver, With Wiha-SoftFinish® Handle

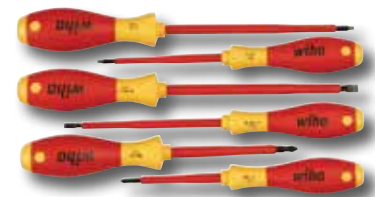
Insulation According to ASTM, VDE, EN/IEC, NFPA70E and CSA, ⚡ up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish.

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



35891 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

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



⚡ 1000Volt

35890 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

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

Wiha Insulated Pozidriv® Screwdrivers

 1000Volt

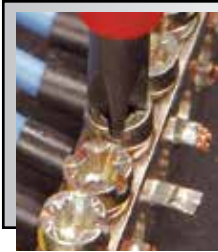


324 Pozidriv® Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification.

Individually Tested.

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

Insulated Terminal Block Xeno Screwdrivers



Combination Slotted/Phillips Terminal Block Drivers

Slotted/Phillips or Slotted/Pozidriv®

 1000Volt



 Slotted/Phillips

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

Blade CVM steel, hardened, black finish.

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

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



 Slotted/Pozidriv®

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

Blade CVM steel, hardened, black finish.

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

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

Cat. III Voltage Detector - Battery Operated



 1000Volt



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

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

Insulated Single-Pole Voltage Detector

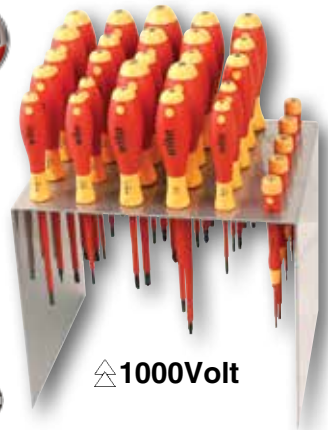


 1000Volt

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

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

Wiha Insulated Screwdrivers



 1000Volt



Workstation Insulated screwdrivers in a steel stand

32199 30 Pc. Workstation Insulated Screwdriver Set

Insulated screwdrivers in a steel stand.

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

Insulated Drivers & Voltage Detector Set



 1000Volt

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

Item No.	Slotted:	Phillips:	Square:	Ins. Single Pole Voltage Detector
32087	4.0, 5.5, 6.5mm	#1, #2	#2	lbs. .90

Wiha Insulated Metric & Inch Nut Drivers

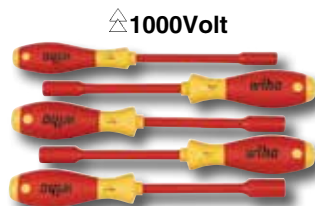


322 **Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested.** Blade CVM steel, hardened. Insulation molded directly onto blade. Deep drawn 1" socket. Wiha-SoftFinish®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

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

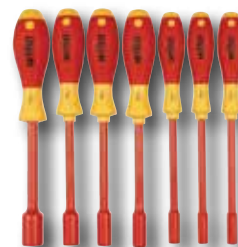
322 **Inch Nut Drivers, With Wiha-SoftFinish® Handle**

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



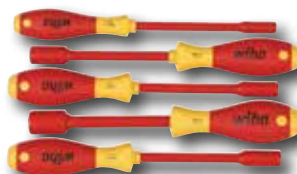
32291 **5 Pc. Nut Driver Set - Metric Sizes**

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



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

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



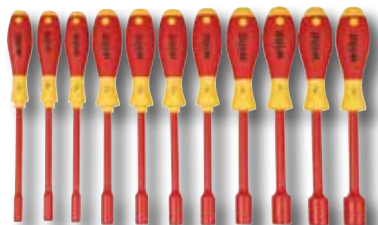
32292 **5 Pc. Nut Driver Set - Inch Sizes**

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



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

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



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

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



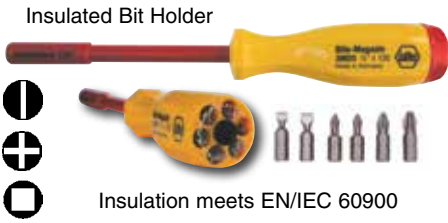
32288 **9 Pc. Nut Driver Set - Inch Sizes**

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

In roll-up pouch

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

Tested to 10,000 Volts



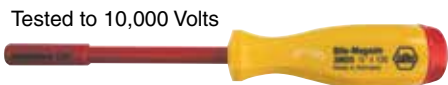
Multi-Bit Screwdriver Sets
with Wiha Powerhandle, cellulose-acetate, impact resistant. Snap-lock rotatable cap. Chambered bit holder equipped with transparent selector & 6 bits. 1/4" Bit holder, stainless steel. Shaft CVM steel, hardened, chrome-plated. Packaged in clear blister package. Blade Length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

38006 Insulated Slotted/Phillips Multi-Bit Screwdriver

Set includes the following 1/4" bits:
 ↓ ▮ Slotted: 5.5, 6.0mm
 + Phillips: #0, 1, 2, 3
 ↵ lbs. .39

38007 Insulated Slotted/Phillips/Square Multi-Bit Screwdriver

Set includes the following 1/4" bits:
 ↓ ▮ Slotted: 6.5, 8.0mm
 + Phillips: #1, 2
 ◻ Square: #1, 2
 ↵ lbs. .41



Tested to 10,000 Volts

38025 Magnetic Bit Holder, 1/4" Wiha

Powerhandle & insulated shaft. Holds up to 6 bits. (Holder only)
 ↵ lbs. .26

Wiha Insulated Pop-Up Insert Bit Sets



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

⚠ 1000Volt

Blades High quality CV steel, through-hardened

Convenient rotating cap



Magnetic bit holder securely holds bits in place



⚠ 1000Volt Rated
10,000 Volt Tested



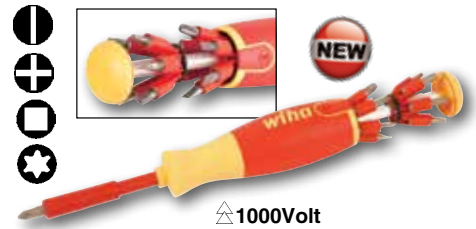
⚠ 1000Volt

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

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

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

* Available June 2017



⚠ 1000Volt

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

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

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

* Available June 2017

WARNING!

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

Use & Care Guide For Insulated Tools:

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

⚡ 1000Volt



Insulated Industrial Pliers & Cutters



32990 14 Pc. Insulated Pop-Up Bit Holder & Industrial Pliers/Cutters Set High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters drop-forged from special tool steel. Industrial Soft grip ergonomically designed handle body. In belt pack pouch

Item No.	Set Includes 1/4" Insert Bits:
32990	Slotted: 4.5, 5.5, 6.0mm • Phillips: #0, 1, 2, 3
	Square: #1, 2, 3 • TORX®: T15, T20, T25
lbs.	8.0"/200mm Long Nose Pliers
3.06	8.0"/200mm High Leverage Cutters
	9.5"/245mm Lineman's Pliers

* Available June 2017

Wiha Insulated Belt Pack Pouch Sets



⚡ 1000Volt

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

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

lbs. 1.67

⚡ 1000Volt



32886 14 Pc. Insulated Pop-Up Bit Holder & Pliers/Cutters Set High quality CV steel, through hardened. Cushion grip handle with magnetic holder to securely hold bits. Pliers & Cutters additionally induction hardened. Hard chrome finish for long lasting corrosion protection. Two component Insulated soft grip handle. In belt pack pouch

Item No.	Set Includes 1/4" Insert Bits:
32886	Slotted: 4.5, 5.5, 6.0mm • Phillips: #0, 1, 2, 3
	Square: #1, 2, 3 • TORX®: T15, T20, T25
lbs.	8.0"/200mm Long Nose Pliers
3.06	8.0"/200mm High Leverage Cutters
	9.5"/245mm Lineman's Pliers

* Available June 2017



⚡ 1000Volt

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

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

lbs. 2.26

⚡ 1000Volt

32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard.

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

lbs. 2.12



⚡ 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 SoftFinish® Screwdrivers:
	Slotted: 3.0, 4.5mm • Phillips: 2

lbs. 1.77

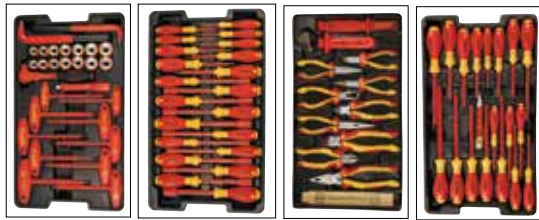
Wiha Insulated Master Electrician's Tools

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



△ 1000Volt

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



Wiha Insulated Master Electrician's Tools

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



△ 1000Volt

Inch



Metric



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



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

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

Use & Care Guide For Insulated Tools:

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

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

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

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles

Master Electrician's Sets



**80 Pc.
BIGGEST
SET**

1000Volt

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



**66 Pc.
BIGGER
SET**

1000Volt

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

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

32876	66 Pc. Master Electrician's Set.	⚡ lbs. 21.5
Item# 32876	Set Includes:	
8.0" Long Nose	6.3" Side Cutters	
6.3" Long Flat Nose	8.0" BiCut SuperCut	
9.0" Combo Pliers/Crimpers	6.3" Stripping Pliers	
8.0" Cable Cutters	8.0" Adjustable Wrench	
Insulated Nut Driver 1/4"	Insulated Slotted 2.0mm	
Insulated Nut Driver 5/16"	Insulated Slotted 2.5mm	
Insulated Nut Driver 11/32"	Insulated Slotted 3.0mm	
Insulated Nut Driver 3/8"	Insulated Slotted 4.0mm	
Insulated Nut Driver 7/16"	Insulated Slotted 4.5mm	
Insulated T-handle Hex 4.0mm	Insulated Slotted 5.5mm	
Insulated T-handle Hex 5.0mm	Insulated Slotted 6.0mm	
Insulated T-handle Hex 6.0mm	Insulated Slotted 8.0mm	
Insulated T-handle Hex 8.0mm	Insulated Slotted 10.0mm	
Insulated T-handle Hex 5/32"	Insulated Phillips #0	
Insulated T-handle Hex 3/16"	Insulated Phillips #1	
Insulated T-handle Hex 7/32"	Insulated Phillips #2	
Insulated T-handle Hex 1/4"	Insulated Phillips #3	
Insulated T-handle Hex 5/16"	Insulated Torx T8	
Insulated T-handle Hex 3/8"	Insulated Torx T10	
Insulated Hex L-key 10.0mm	Insulated Torx T15	
Insulated Hex L-key 1/2"	Insulated Torx T20	
Insulated Socket 1/2"	Insulated Torx T25	
Insulated Socket 9/16"	Insulated Torx T30	
Insulated Socket 5/8"	Insulated Square #1	
Insulated Socket 11/16"	Insulated Square #2	
Insulated Socket 3/4"	Insulated Slit/Ph Terminal #1x80	
Insulated Socket 13/16"	Insulated Slit/Ph Terminal #2x100	
Insulated Socket 7/8"	Insulated Cable Knife 50mm	
Insulated Socket 8.0mm	Insulated Extension 4.9"	
Insulated Socket 10.0mm	Insulated Ratchet 3/8" Driver	
Insulated Socket 13.0mm	Insulated Socket 17.0mm	
Insulated Socket 14.0mm	Insulated Socket 19.0mm	
Insulated Socket 15.0mm	Insulated Socket 22.0mm	

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles



50 Pc. BIG SET

⚡ 1000Volt

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

Item# 32874	Set Includes:	↔ lbs. 19.8
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" BiCut SuperCut	
6.3" Combination Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
10.0" Water Pump Pliers	Battery Operated Voltage Detector	
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 Slt/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"		
50mm Cable Stripping Knife & 2 Meter Inch/Metric Folding Ruler		



25 Pc. Set

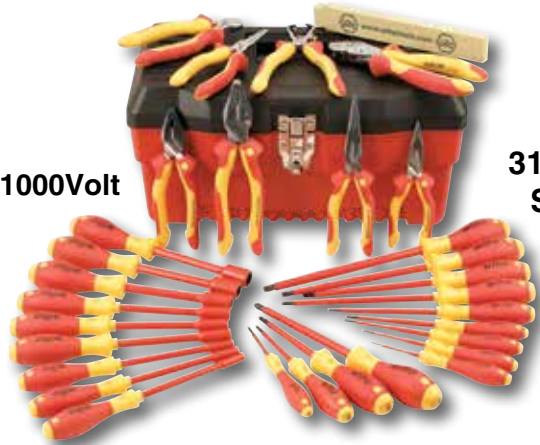
⚡ 1000Volt

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

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

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" BiCut SuperCut	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		

⚡ 1000Volt



31 Pc. Set

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



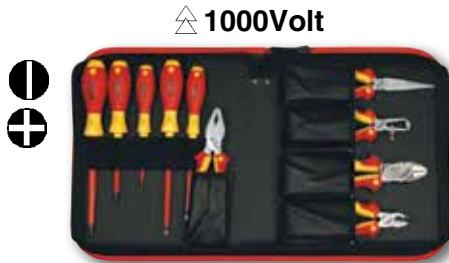
13 Pc. Set

⚡ 1000Volt

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

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

Wiha Insulated Pliers with High Visibility Comfort Grip Handle



⚡ 1000Volt

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

32891	10 Piece Pliers & Screwdriver Set
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.	
Item# 32891	Set Includes: ⚡ lbs. 5.54
8.0" Combination Pliers	8.0" Long Nose
8.0" BiCut SuperCut	6.3" Cable Cutters
6.3" Universal Wire Stripper	
Insulated Phillips #1	Insulated Slotted 4.5mm
Insulated Phillips #2	Insulated Slotted 6.5mm
Insulated Phillips #3	



⚡ 1000Volt

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

32895	14 Piece Pliers & Screwdriver Set
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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" BiCut SuperCut
6.3" Stripping Pliers	Insulated Slotted 2.5mm
Insulated Phillips #1	Insulated Slotted 3.0mm
Insulated Phillips #2	Insulated Slotted 3.5mm
Insulated Phillips #3	Insulated Slotted 4.5mm
Insulated Slotted 2.0mm	Insulated Slotted 6.5mm



⚡ 1000Volt

32888	11 Piece Pliers & Screwdriver Set	In Canvas Pouch
Item# 32888	Set Includes: ⚡ lbs. 3.58	
6.3" Long Nose	6.3" Side Cutters	
8.0" Combination Pliers	6.3" Stripping Pliers	
Insulated Slotted 2.5mm	Insulated Phillips #0	
Insulated Slotted 3.5mm	Insulated Phillips #1	
Insulated Slotted 4.5mm	Insulated Phillips #2	
Insulated Slotted 6.0mm		



⚡ 1000Volt

32892	10 Piece Pliers & Screwdriver Set.	Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.
Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag		
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	13 Piece Pliers & Screwdriver Set	In canvas tool bag
Item# 32894	Set Includes: ⚡ lbs. 9.5	
8.0" Bent Nose	8.0" Combination Pliers	
6.3" Long Nose	6.3" Side Cutters	
10" Water Pump Pliers		
Insulated Slotted: 4.5 & 6.5mm	Insulated Nut Driver:	
Insulated Phillips: #1 & #2	1/4, 5/16, 3/8, 1/2"	

Wiha Insulated Pliers with High Visibility Comfort Grip Handle

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



1000Volt

32889	8 Piece Pliers & Cutters Set	
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, 1000 volt. Individually Tested.		
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" BiCut SuperCut	
6.3" Wire Stripping Pliers	Electrician's Knife	



1000Volt

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



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

NE Style Lineman's Pliers Set

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

Individually Tested

Knurled striking zone on vinyl grip pliers



Extra long cutting edge for flat and round cables

1000Volt

32833	2 Pc. NE Style Lineman's Pliers Set
Item No.	NE Style Lineman's Pliers
32833	9.5" Insulated & 9.5" Vinyl Soft Grip - Lineman's Pliers
	↔ lbs. 2.22

1000Volt



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

Insulated Pliers & Cutters

1000V



Safety slip guard

Cutters additionally induction hardened

Soft grip ergonomically designed handle body

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

Hard chrome finish for long lasting corrosion protection

Insulated NE Style Lineman's Pliers

NEW



1000volt

32831 Insulated NE Style Lineman's Pliers. Insulation

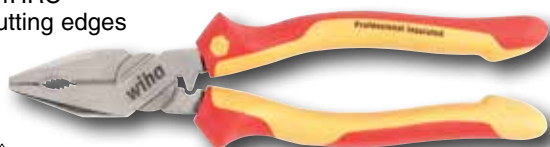
According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables. Two component soft grip ergonomic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

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

Insulated Linemans Pliers With Crimpers

64HRC cutting edges

5-In-1 Lineman's Pliers



1000volt

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

Insulated Combination Lineman's Pliers

1000volt

328 Combination Pliers. Insulation According to VDE 0682/

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

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

Insulated High Leverage Combination Pliers

Lineman's

1000volt

32820 High Leverage Combination Pliers. Insulation According

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

volt. Individually Tested. DIN ISO 5746

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

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

Insulated Crimping Pliers



1000volt

32841 Insulated Crimping Pliers. Insulation According to

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

Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. CV 60 special tool steel hardened & tempered.

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

Insulated Diagonal Cutters

64HRC cutting edges



1000volt

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

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

Insulated Serrated Edge Cable Cutters



1000volt

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

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

Insulated High Leverage Diagonal Cutters



1000volt



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

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

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

Insulated Stripping Pliers

64HRC cutting edges



1000volt

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

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

Insulated Electrician's Diagonal Cutters

Strips AWG #10 & #14



1000volt

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

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

Insulated Stripping Pliers



1000Volt

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

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

Insulated Long Nose Pliers



1000volt

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

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

Insulated Round Nose Pliers



1000volt

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

Item	↔	↔	☐	↺↻
No.	mm	Inch	Pkg.	wt.
32870	160	6.3	1	.34

Insulated Bent Nose Pliers



1000volt

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

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

Insulated Long Flat Nose Pliers



1000volt

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

Item	↔	↔	☐	↺↻
No.	mm	Inch	Pkg.	wt.
32810	160	6.3	1	.39

Insulated BiCut SuperCut

Cutting capacity up to 3mm hardened piano wire



1000volt



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

32837 Insulated BiCut SuperCut. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, **up to 1000 Volt. Individually Tested.** Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Drop forged of high C70 steel. For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

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

Pen Style Control Cabinet Key

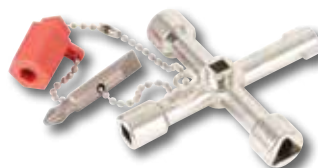


For applications with all common switch cabinets and locking systems

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

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

Switch Cabinet Key






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

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

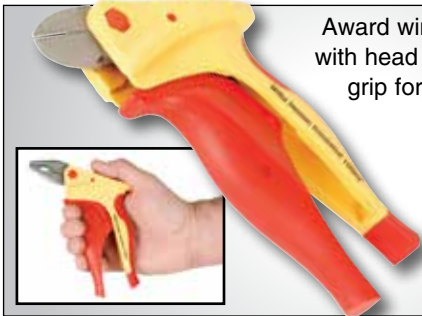
Wiha Canvas Pliers Holster

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



91256	Pliers Canvas Holster				
Item	Width	Height			
No.	Size	Size	lbs.	pkg.	
91256	3.5 x	6.75	.15	1	

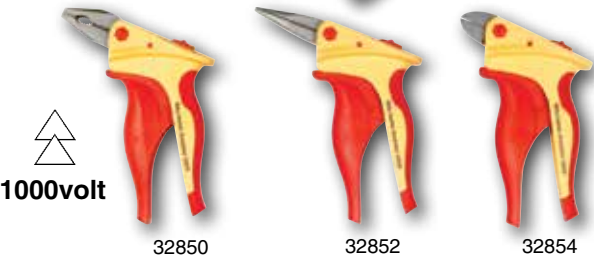
Wiha Inomic 1000Volt Insulated Pliers




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





Each tool includes a convenient jaw lock & handle return spring





Heads drop forged CV premium tool steel








1000volt

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

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


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

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

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





Holds any Inomic Pliers

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



Protturn Insulated Electrician's Shears







32951 Protturn Insulated Electrician's Shears				
Insulation meets VDE, ASTM F1505, EN/IEC 60900, CSA, NFPA 70E, OSHA Specifications. Made from stainless 420 grade steel				
Item				
No.	mm	Inch	Pkg.	lbs.
32951	160	6.3	1	.22

Insulated Water Pump Pliers










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

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

Insulated Push Button Water Pump Pliers




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

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

Insulated Industrial Pliers & Cutters

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

Insulated Lineman's Pliers With Crimpers

⚡ 1000volt



Long life high performance dynamic 60/40 joint



64HRC cutting edges

32917 Insulated Industrial Lineman's Pliers "5-In-1" Professional Design. Insulation According to EN/IEC, ASTM, NFPA70E & CSA,

⚡ **up to 1000 volt. Individually Tested.** Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Premium CV tool steel forgings.

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

Insulated NE Style Lineman's Pliers



Knurled Striking Zone



Long life high performance dynamic 60/40 joint

⚡ 1000volt

32938 Insulated NE Style Lineman's Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,

⚡ **up to 1000 Volt. Individually Tested.** Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables.

Item	↔	↔	☐	↶↷
No.	mm	Inch	Pkg.	wt.
32938	245	9.5	1	1.18

Insulated Long Nose Pliers With Cutters

⚡ 1000volt

329 Insulated Industrial Long Nose Pliers With Cutters.

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

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

Insulated High Leverage Diagonal Cutters

⚡ 1000volt

32939 Insulated Industrial High Leverage Diagonal Cutters.

Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5749 Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

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



Insulated Diagonal Cutters



Long life high performance dynamic 60/40 joint



⚡ 1000volt

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

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

Insulated Stripping Pliers

⚡ 1000volt

32947 Insulated Industrial Stripping Pliers. Insulation According to VDE, EN/IEC, ASTM, NFPA70E & CSA, 1000Volt Rated.

Individually Tested. DIN ISO 5745 Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 64HRC. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

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




Insulated Combo Pliers With Dynamic Joint

 1000volt



Long life high performance dynamic 60/40 joint

32930 Insulated Industrial High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746 Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard.

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

Insulated TriCut Strippers & Cutters

 1000volt




32944 Insulated Industrial TriCut Strippers & Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Induction hardened cutters & strippers. Cuts cable, strips cable, strips wire leads. Unique 3 in 1 design provides faster combined cutting and stripping. Strips AWG sizes #10 & #14.





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

Insulated Heavy Duty Cable Cutters

 1000volt




32927 Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. For cutting of copper & aluminum cables without crushing.





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

Insulated Crimpers

 1000volt



32945 Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. Crimps 6 - 30 AWG Connectors.

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

Insulated Industrial BiCut SuperCut


Cutting capacity up to 3mm hardened piano wire







 1000volt



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


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

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

Insulated BiCut SuperCut & Screwdriver Set

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



 1000volt

32942 7 Pc. Insulated Industrial BiCut SuperCut & Screwdrivers Ergonomic two component molded grips. 10,000 Volt tested

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

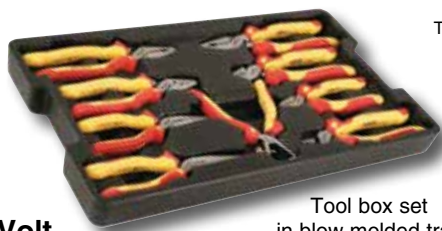
Wiha Insulated Industrial Tool Sets



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

Item No. Insulated Pliers/Cutters & Cat. III Voltage Detector

32982 6.3" Long Pliers, 6.3" Diagonal Cutters
Voltage Detector with both light and sound alerts
↔ lbs. .98



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

Tool box set in blow molded tray

1000Volt

32999 9 Piece Insulated Industrial Pliers & Cutters Set

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

Item No.	9.0" Lineman's Pliers	8.0" High Lev. Combo Pliers
32999	6.3" Long Nose Pliers	8.0" Cable Cutters
↔ lbs.	8.0" Long Nose Pliers	6.3" Stripping Pliers
	6.3" Diagonal Cutters	7.0" Crimping Pliers
6.34	8.0" Diagonal Cutters	

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

Individually Tested

1000Volt

32981 3 Pc. Insulated Industrial Pliers & Cutters

Item No. Insulated Pliers & Cutters

32981 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters
↔ lbs. 2.18



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

Individually Tested

1000Volt

32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers

Item No. Insulated Diagonal Cutters & Screwdrivers

32983 6.3"/160mm Diagonal Cutter
Insulated Drivers: Slotted: 3.0, 4.5mm • Phillips: #1, #2
↔ lbs. 1.17



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

Individually Tested

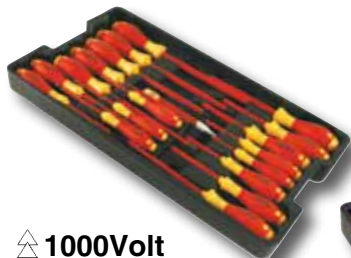
1000Volt

32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers

Item No. Insulated Combination Pliers & Screwdrivers

32984 8.0" Combination Pliers & 8" Long Nose Pliers
Drivers: Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2
↔ lbs. 2.06

Wiha Insulated Tool Tray Sets



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



1000Volt

Tool box set in blow molded trays

32989 28 Piece Insulated Industrial Pliers & Cutters Set

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

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	
	Cat. III Voltage Detector - Battery Operated	


Wiha Insulated Industrial Tool Sets

In Roll
Out
Pouch



1000Volt




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

In Roll
Out
Pouch



1000Volt




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

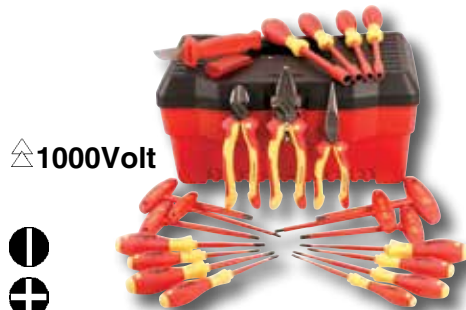
1000Volt



In Roll
Out
Pouches




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



1000Volt




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



Now in
canvas
tool bag


1000Volt



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



1000Volt

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

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32028	22	32268	26	32821	34	32982	40		
32031	22	32270	26	32826	35	32983	40		
32034	22	32273	26	32828	35	32984	40		
32039	22	32276	26	32830	35	32985	40		
32042	22	32278	26	32831	34	32986	41		
32045	22	32280	26	32832	35	32987	41		
32046	20	32288	26	32833	33	32988	41		
32049	20	32291	26	32834	35	32989	40		
32052	20	32292	26	32835	35	32990	28		
32055	20	32293	26	32836	35	32999	40		
32058	20	32294	26	32837	36				
32085	20	32296	26	32838	35				
32087	25	32302	24	32841	34				
32088	20	32303	24	32850	37				
32090	22	32304	24	32852	37				

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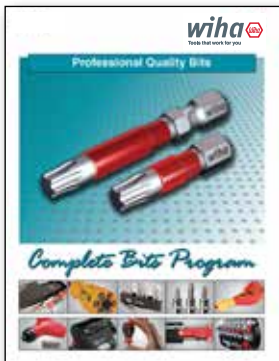
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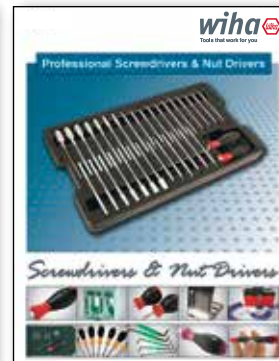
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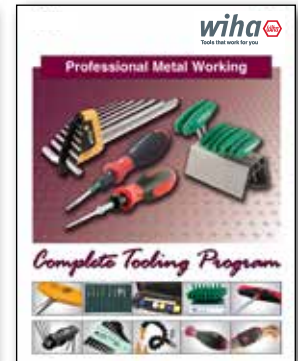
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