

2015



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.

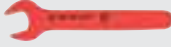
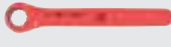
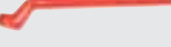
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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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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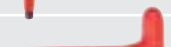
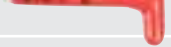
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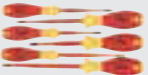
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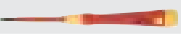
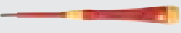

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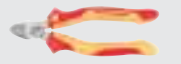



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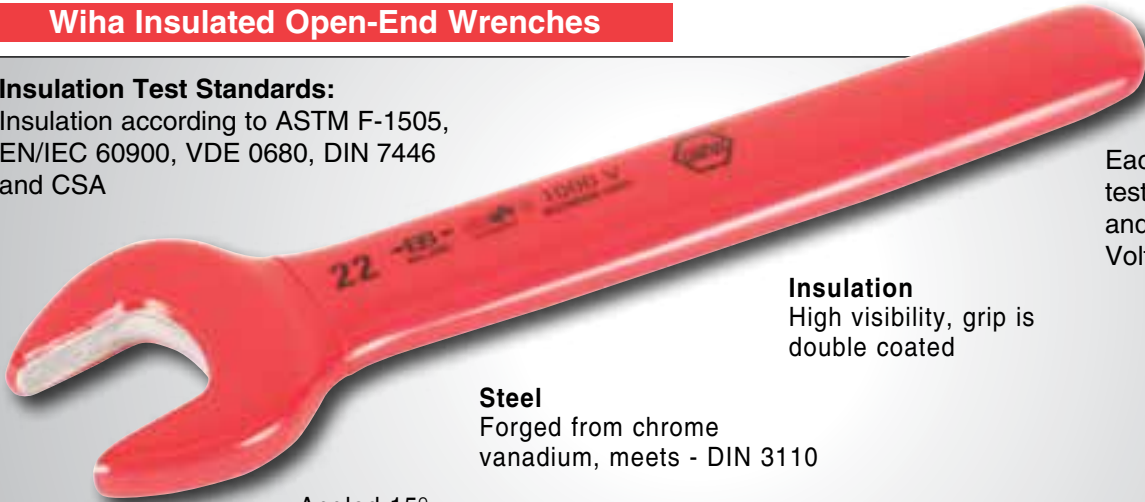
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Wiha Insulated Open-End Wrenches

Insulation Test Standards:

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



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

Insulation
High visibility, grip is double coated

Steel
Forged from chrome vanadium, meets - DIN 3110

Angled 15°

 **1000V**




1000Volt




1000Volt

WH20190 14 Piece Insulated Inch Open End Wrench Set

Item No.	Ø	OAL	Ø	OAL	
	Inch	Inch	Inch	Inch	lbs.
WH20190	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	

WH20091 15 Piece Insulated Metric Open End Wrench Set

Item No.	Ø	OAL	Ø	OAL	
	mm	mm	mm	mm	lbs.
WH20091	6.0	97	14	150	3.0
	7.0	98	15	151	
	8.0	104	16	164	
	9.0	108	17	162	
	10.0	107	19	178	
	11.0	118	22	196	
	12.0	129	24	211	
	13.0	137			




1000Volt




1000Volt

WH20192 8 Piece Insulated Inch Open End Wrench Set

Item No.	Ø	OAL	Ø	OAL	
	Inch	Inch	Inch	Inch	lbs.
WH20192	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	

WH20093 8 Piece Insulated Metric Open End Wrench Set

Item No.	Ø	OAL	Ø	OAL	
	mm	mm	mm	mm	lbs.
WH20093	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	



1000Volt

WH201 Inch Open-End Wrenches, With Insulated Handle

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

Chrome-vanadium steel, hardened. Angled 15°.

Item No.	Ø	OAL	OAL	Weight	Pkg.
	Inch	mm	Inch	lbs.	
WH20131	1/4	87.5	3.4	.04	1
WH20133	5/16	100	3.9	.05	1
WH20135	3/8	105	4.1	.09	1
WH20136	7/16	117	4.6	.09	1
WH20137	1/2	140	5.5	.15	1
WH20138	9/16	146	5.7	.15	1
WH20140	5/8	158	6.2	.20	1
WH20141	11/16	165	6.5	.23	1
WH20142	3/4	178	7.0	.33	1
WH20144	13/16	191	7.5	.42	1
WH20145	7/8	192	7.6	.44	1
WH20146	15/16	201	7.9	.51	1
WH20147	1	213	8.4	.61	1
WH20148	1-1/16	233	9.2	.79	1
WH20149	1-1/8	233	9.2	.77	1
WH20151	1-1/4"	191	7.5	.90	1
WH20154	1-1/2"	191	7.5	.92	1

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



1000Volt

WH200 Metric Open-End Wrenches, With Insulated Handle

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

Chrome-vanadium steel, hardened. Angled 15°.

Item No.	Ø	OAL	OAL	Weight	Pkg.
	mm	mm	Inch	lbs.	
WH20006	6.0	97	3.8	.04	1
WH20007	7.0	98	3.9	.05	1
WH20008	8.0	104	4.1	.07	1
WH20009	9.0	108	4.3	.07	1
WH20010	10.0	107	4.2	.08	1
WH20011	11.0	118	4.6	.11	1
WH20012	12.0	129	5.1	.11	1
WH20013	13.0	137	5.4	.19	1
WH20014	14.0	150	5.9	.19	1
WH20015	15.0	151	5.9	.17	1
WH20016	16.0	164	6.5	.22	1
WH20017	17.0	168	6.4	.24	1
WH20018	18.0	173	6.8	.41	1
WH20019	19.0	178	7.0	.32	1
WH20020	20.0	190	6.9	.36	1
WH20022	22.0	196	7.7	.39	1
WH20024	24.0	211	8.3	.58	1
WH20027	27.0	218	8.6	.68	1
WH20030	30.0	235	9.3	.97	1
WH20032	32.0	237	9.3	1.01	1

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In Tool Box Tray

WH20194 13 Piece Insulated Inch Open End Wrench Set

In Tool Box Tray

Item No.	Ø	OAL	Ø	OAL	Weight
	Inch	Inch	Inch	Inch	lbs.
WH20194	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			

1000Volt



1000Volt

WH20196 13 Pc. Insulated Metric Open End Wrench Set

In Tool Box Tray

Item No.	Ø	OAL	Ø	OAL	Weight
	mm	mm	mm	mm	lbs.
WH20196	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

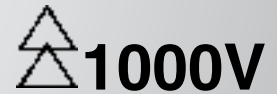
Insulation Test Standards:

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



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




Steel
Forged from chrome vanadium, meets - DIN 3110



1000Volt

WH213 Inch Insulated Ratchet Wrenches, With Insulated Handle
Insulation According to EN/IEC 60900, ISO 3110 Specification,
Up To 1000 Volt. Individually Tested.

Blade chrome-vanadium steel, hardened.




Item No.		OAL	OAL		
	Inch	mm	Inch	lbs.	pkg.
WH21325	3/8	140	5.5	.14	1
WH21327	7/16	143	5.6	.15	1
WH21329	1/2	154	6.1	.18	1
WH21331	9/16	162	6.4	.22	1
WH21333	5/8	177	7.0	.30	1
WH21335	3/4	209	8.2	.46	1



1000Volt

WH212 Metric Insulated Ratchet Wrenches, With Insulated Handle
Insulation According to EN/IEC 60900, ISO 3110 Specification,
Up To 1000 Volt. Individually Tested.




Blade chrome-vanadium steel, hardened.

Item No.		OAL	OAL		
	mm	mm	Inch	lbs.	pkg.
WH21208	8.0	125	4.9	.08	1
WH21210	10.0	140	5.5	.12	1
WH21212	12.0	150	5.9	.18	1
WH21213	13.0	152	6.0	.18	1
WH21214	14.0	163	6.4	.22	1
WH21217	17.0	193	7.6	.38	1
WH21219	19.0	210	8.3	.45	1



1000Volt




WH21391 6 Piece Inch Insulated Ratchet Wrenches Set

Item No.		OAL		OAL	
	Inch	Inch	Inch	Inch	lbs.
WH21391	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

WH21290 7 Piece Metric Insulated Ratchet Wrenches Set

Item No.		OAL		OAL	
	mm	mm	mm	mm	lbs.
WH21290	8.0	4.9	14.0	6.4	2.10
	10.0	5.5	17.0	7.6	
	12.0	5.9	19.0	8.3	
	13.0	6.0			

Wiha Insulated Deep Offset Ring Wrenches

Insulation Test Standards:

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



Steel Forged from chrome vanadium, meets - DIN 3110

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

1000V



1000Volt

WH210 Insulated Metric Offset Ring Wrenches, Insulation

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

Item No.	Ø"	OAL mm	OAL Inch	lbs.	pkg.
WH21008	8.0	159	6.3	.16	1
WH21009	9.0	159	6.3	.18	1
WH21010	10.0	171	6.8	.20	1
WH21011	11.0	178	7.0	.22	1
WH21012	12.0	191	7.5	.30	1
WH21013	13.0	194	7.6	.30	1
WH21014	14.0	203	8.0	.34	1
WH21015	15.0	203	8.0	.34	1
WH21017	17.0	219	8.6	.44	1
WH21019	19.0	241	9.5	.52	1
WH21020	20.0	250	9.8	.58	1
WH21022	22.0	257	10.1	.64	1
WH21024	24.0	279	11.0	.90	1
WH21027	27.0	286	11.3	.96	1
WH21030	30.0	311	12.3	1.28	1
WH21032	32.0	318	12.5	1.38	1



1000Volt

WH21093 16 Piece Metric Insulated Offset Ring Wrenches Set

Item No.	Metric:
WH21093	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



WH21095 8 Piece Metric Insulated Offset Ring Wrenches Set

Item No.	Metric:	lbs.
WH21095	10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0mm	3.20



1000Volt

WH210 Insulated Inch Offset Ring Wrenches

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



1000Volt

WH21094 16 Piece Inch Insulated Offset Ring Wrenches Set

Item No.	Inch:
WH21094	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"



WH21096 8 Piece Inch Insulated Offset Ring Wrenches Set

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

Wiha Insulated Adjustable Wrenches



1000Volt

WH76208 Insulated 8" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
WH76208	8.0	200	1"	.7	1

1000Volt

WH76210 Insulated 10" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
WH76210	10.0	250	1-1/4"	1.4	1

1000Volt

WH76212 Insulated 12" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
WH76212	12.0	300	1-1/2"	1.9	1

1000Volt

WH76215 Insulated 15" Adjustable Wrench

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

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
WH76215	15.0	380	1-11/16"	2.8	1

1000Volt

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

Item No.	Set includes the following:
WH76290	8.0", 10.0", 12.0" Adjustable Pliers

lbs. 4.0

Wiha Insulated Electrician's Knives

Insulation Test Standards:

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

Insulation molded on for permanent bonding

 1000V



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



1000Volt

WH15000 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.

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

Item No.	Blade	OAL	OAL	Capacity	Capacity
	mm	mm	Inch	lbs.	pkg.
WH15000	50	216	8.5	.30	1



1000Volt

WH15003 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.

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

Item No.	Blade	OAL	OAL	Capacity	Capacity
	mm	mm	Inch	lbs.	pkg.
WH15003	50	230	9.0	.23	1



1000Volt

WH15050 Insulated Stripping Knife, With Insulated Handle Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.

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

Item No.	Blade	OAL	OAL	Capacity	Capacity
	mm	mm	Inch	lbs.	pkg.
WH15050	35	222	8.75	.22	1



Wiha Insulated Hex L-keys

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

Insulation
 Applied directly onto blade for permanent bonding

1000V

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

1000Volt

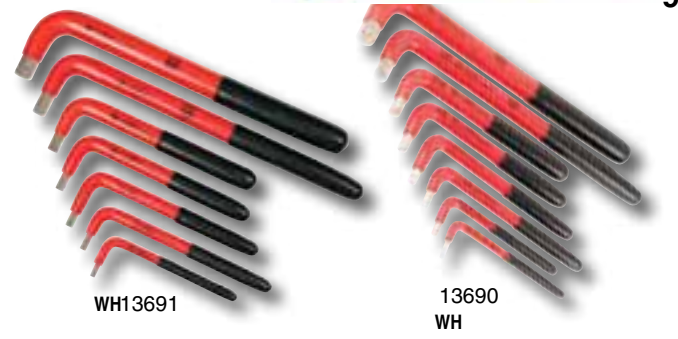
WH136 Inch Insulated Hex L-keys, With Insulated Handle
 Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.	Ø	OAL	OAL	Weight	Package
	Inch	mm	Inch	lbs.	pkg.
WH13670	1/16	79	3.1	.05	1
WH13671	5/64	84	3.3	.05	1
WH13672	3/32	89	3.5	.05	1
WH13673	7/64	94	3.7	.06	1
WH13663	1/8	104	4.1	.06	1
WH13665	5/32	104	4.1	.06	1
WH13666	3/16	134	5.3	.10	1
WH13667	7/32	134	5.3	.12	1
WH13668	1/4	134	5.3	.16	1
WH13669	5/16	144	5.7	.24	1
WH13662	3/8	234	9.2	.51	1
WH13664	1/2	234	9.2	.77	1

1000Volt

WH136 Metric Insulated Hex L-keys, With Insulated Handle
 Insulation According to IEC 60900 Specification, Up To 1000 Volt. Individually Tested. Blade chrome-vanadium steel, hardened.

Item No.	Ø	OAL	OAL	Weight	Package
	mm	mm	Inch	lbs.	pkg.
WH13650	1.5	100	3.9	.09	1
WH13651	2.0	105	4.1	.09	1
WH13652	2.5	115	4.5	.09	1
WH13653	3	130	5.1	.10	1
WH13654	4	120	4.7	.10	1
WH13655	5	140	5.5	.10	1
WH13656	6	140	5.5	.13	1
WH13658	8	150	5.9	.24	1
WH13659	10	220	8.7	.51	1
WH13657	12	260	10.2	.77	1



1000Volt

WH13690 8 Piece Insulated Inch Hex L-key Set

Item No.	Ø	OAL	Ø	OAL	Weight
	Inch	Inch	Inch	Inch	lbs.
WH13690	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	

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

Item No.	Ø	OAL	Ø	OAL	Weight
	mm	mm	mm	mm	lbs.
WH13691	3.0	130	8.0	150	2.07
	4.0	120	10.0	220	
	5.0	140	12.0	260	
	6.0	140			

1000Volt

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

Item No.	Ø	OAL	Ø	OAL	Weight
	mm	mm	mm	mm	lbs.
WH13693	1.5	100	5.0	140	2.26
	2.0	105	6.0	140	
	2.5	115	8.0	150	
	3.0	130	10.0	220	
	4.0	120	12.0	260	

1000Volt

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

Item No.	Ø	OAL	Ø	OAL	Weight
	Inch	Inch	Inch	Inch	lbs.
WH13694	1/16	3.1	3/16	5.3	2.40
	5/64	3.3	7/32	5.3	
	3/32	3.5	1/4	5.3	
	7/64	3.7	5/16	5.7	
	1/8	4.1	3/8	9.2	
	5/32	4.1	1/2	9.2	

Wiha Insulated Hex Bit Sockets



1000Volt

WH318 Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 Specification, Up To 1000 Volt.

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

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

*Sockets must be used with insulated ratchets & extensions



1000Volt

WH31890 7 Pc. Insulated 3/8" Drive Socket Set - Inch

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

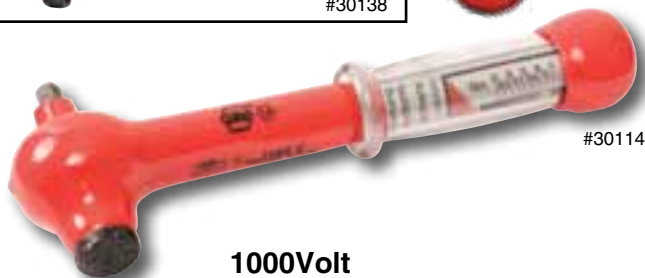
Item No. WH31890 Set includes the following:

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

Wiha Insulated Torque Ratchet Wrenches



#30138



#30114

1000Volt

WH301 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 +/- 4%. Dual scale reading Ft. lbs. / Nm.

Item No.	Inch	OAL mm	OAL Inch	Nm	lbs.	pkg.
WH30114	1/4"	210	8.25	5-25	1.02	1
WH30138	3/8"	370	14.5	5-50	2.72	1
WH30152	1/2"	530	21.0	40-220	3.64	1

Wiha Insulated 1/4" Sockets & Sets

Inch -
6 Point



1000Volt

WH313 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.
WH31336	3/16	.03	1
WH31337	7/32	.03	1
WH31338	1/4	.03	1
WH31339	9/32	.04	1
WH31340	5/16	.04	1
WH31341	11/32	.05	1
WH31342	3/8	.05	1
WH31343	7/16	.06	1
WH31344	1/2	.07	1
WH31345	9/16	.07	1

*Sockets must be used with insulated ratchets & extensions

Metric -
6 Point



1000Volt

WH313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM F-1505, DIN 7448 & CSA Specification, Up To 1000 Volt.

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

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

*Sockets must be used with insulated ratchets & extensions



1000Volt

WH12851 Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA
Chrome-Vanadium steel. Thumb lever for rapid reverse.

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

Wiha Insulated 1/4" Sockets & Sets



1000Volt

WH31390 13 Piece Insulated 1/4" Drive Socket Set - Inch

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

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



1000Volt

WH31391 13 Piece Insulated 1/4" Drive Socket Set - Metric

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

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



1000Volt

WH31394 11 Piece Insulated 1/4" T-handle & Socket Set - Inch

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

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



1000Volt

WH31395 11 Piece Insulated 1/4" T-handle & Socket Set - Metric

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

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

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

Wiha Insulated 1/4" Socket accessories



1000Volt

WH29006 Insulated 1/4" Drive T-handle, With Insulated Handle

Insulation according to EN/IEC 60900 & CSA specification, up to 1000 Volt. Individually Tested. Blade CV steel, hardened.

Item No.		OAL	OAL		
	Inch	mm	Inch	lbs.	pkg.
WH29006	1/4"	160	6.2"	.57	1



1000Volt

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

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

Wiha Insulated 3/8" Sockets & Sets



1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions



1000Volt

WH315 Insulated 3/8" Drive Sockets- **Metric** Insulation according to VDE, EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

Item No.	mm	lbs.	pkg.
WH31506	6.0	.07	1
WH31507	7.0	.07	1
WH31508	8.0	.07	1
WH31509	9.0	.07	1
WH31510	10.0	.07	1
WH31511	11.0	.08	1
WH31512	12.0	.10	1
WH31513	13.0	.10	1
WH31514	14.0	.10	1
WH31515	15.0	.10	1
WH31516	16.0	.10	1
WH31517	17.0	.11	1
WH31518	18.0	.12	1
WH31519	19.0	.14	1
WH31520	20.0	.15	1
WH31521	21.0	.17	1
WH31522	22.0	.18	1
WH31524	24.0	.26	1

*Sockets must be used with insulated ratchets & extensions

Wiha Insulated 3/8" Sockets & Sets




1000Volt

WH31493 10 Piece Insulated 3/8" Drive Socket Set - Inch

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

Item No. WH31493 Set includes the following:

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




1000Volt

WH31590 10 Piece Insulated 3/8" Drive Socket Set - **Metric**

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

Item No. WH31590 Set includes the following:

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




1000Volt

WH31491 16 Piece Insulated 3/8" Drive Socket Set - Inch/**Metric**

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

Item No. WH31491 Set includes the following:

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

Wiha Insulated 3/8" Sockets & Sets



1000Volt

WH31495	24 Piece Insulated 3/8" Drive Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.	
Item No. WH31495	Set includes the following:
	1/4, 9/32, 5/16, 11/32, 3/8, 7/16
	1/2, 9/16, 5/8, 11/16, 3/4" Sockets
lbs.	3/8" x 125mm Extension Bar
9.07	3/8" x 250mm Extension Bar
	3/8" Ratchet - 190mm
	Insulated Electrician's Knife - 50mm
	Slotted: 3.5, 4.5, 6.5mm
	Phillips: 1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters

*Sockets must be used with insulated ratchets & extensions



1000Volt

WH31592	24 Piece Insulated 3/8" Drive Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.	
Item No. WH31592	Set includes the following:
	6, 7, 8, 9, 10, 11, 12,
	13, 14, 17, 19mm Sockets
lbs.	3/8" x 125mm Extension Bar
9.08	3/8" x 250mm Extension Bar
	3/8" Ratchet - 190mm
	Insulated Electrician's Knife - 50mm
	Slotted: 3.5, 4.5, 6.5mm
	Phillips: 1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters

*Sockets must be used with insulated ratchets & extensions



1000Volt

WH31496	10 Piece Insulated 3/8" T-handle & Socket Set - Inch
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. WH31496	Set includes the following:
	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
lbs.	3/8" x 125mm Extension Bar
2.47	Insulated 3/8" T-handle

WH31595	10 Piece Insulated 3/8" T-handle & Socket Set - Metric
CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.	
Item No. WH31595	Set includes the following:
	8, 10, 11, 12, 13, 14, 17, 19mm
lbs.	3/8" x 125mm Extension Bar
2.47	Insulated 3/8" T-handle

Wiha Insulated 3/8" Socket accessories



1000Volt

WH12852	Insulated 3/8" Drive Ratchet, EN/IEC 60900			
CV steel. Socket release button. Thumb lever for rapid reverse.				
Item	OAL	OAL	lbs.	pkg.
No.	Inch	mm	Inch	
WH12852	3/8"	190	7.5	.93 1

1000Volt

WH128	Insulated 3/8" Extension Bars, EN/IEC 60900			
Chrome-Vanadium steel.				
Item	OAL	OAL	lbs.	pkg.
No.	Inch	mm	Inch	
WH12856	3/8"	125	4.9	.41 1
WH12857	3/8"	250	9.8	.57 1

1000Volt



1000Volt	Insulated 3/8" Drive T-handle Or Breaker Bar			
Insulation according to EN/IEC 60900 specification, up to 1000 Volt Rated. Individually Tested. Blade chrome-vanadium steel, hardened.				
Item	OAL	OAL	lbs.	pkg.
No.	Inch	mm	Inch	
WH29009	3/8"	200	7.9"	.55 1
WH12327	3/8"	225	9.0"	.68 1

Wiha Insulated 1/2" Sockets & Sets



1000Volt

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

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

*Sockets must be used with insulated ratchets & extensions



Individually Tested



1000Volt

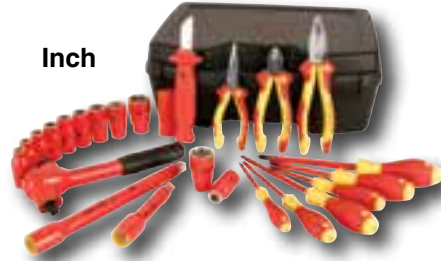
WH316 Insulated 1/2" Drive Sockets - **Metric** Insulation According to VDE, DIN 7448 & CSA Specification, Up To 1000 Volt.

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

*Sockets must be used with insulated ratchets & extensions

Wiha Insulated 1/2" Sockets & Sets

Inch



1000Volt

WH31790 24 Piece Insulated 1/2" Drive Socket Set - Inch

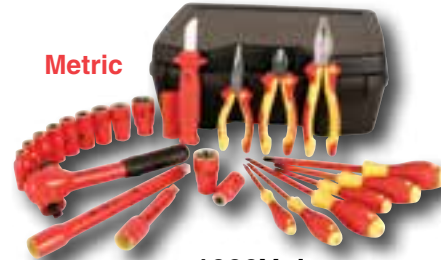
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

Item No. Set includes the following:

WH31790	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.41	1/2" Ratchet - 260mm
	Insulated Electrician's Knife - 50mm
	Slotted: 3.5, 4.5, 6.5mm & Phillips: 1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters

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

Metric




1000Volt

WH31691 24 Piece Insulated 1/2" Drive Socket Set - **Metric**

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

Item No. Set includes the following:

WH31691	8, 9, 10, 12, 13, 14, 15, 17, 19, 22, 24mm Sockets
	1/2" x 125mm Extension Bar
lbs.	1/2" x 250mm Extension Bar
11.39	1/2" Ratchet - 260mm
	Insulated Electrician's Knife - 50mm
	Slotted: 3.5, 4.5, 6.5mm & Phillips: 1, 2, 3
	6.3" Long Nose Pliers
	8.0" Combo Pliers
	6.3" Diagonal Cutters



1000Volt

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

Item No.	Inch	OAL mm	OAL Inch	lbs.	pkg.
WH12326	1/2"	275	11.0	1.04	1



Wiha Insulated 1/2" Socket accessories



1000Volt

WH12853 Insulated 1/2" Drive Ratchet, IEC/EN 60900 & CSA

Chrome-Vanadium steel. Reversible.



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



1000Volt

WH128 Insulated 1/2" Extension Bars, EN/IEC 60900 & CSA

Chrome-vanadium steel.




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



1000Volt

WH29012 Insulated 1/2" Drive T-handle, With Insulated Handle

Insulation according to EN/IEC 60900 & CSA Specification, Up To 1000 Volt. Individually Tested. Blade VC steel, hardened.

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



Uses standard 12" blade



1000Volt

WH19767 Hacksaw, With Insulated Handle

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

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





1000Volt

WH29240 Waterpump Pliers, With Insulated Handle

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

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

Item	OAL	OAL	Capacity		
No.	mm	Inch	mm	lbs.	pkg.
WH29240	240	9.5	7/8"	1.1	1

Wiha Insulated Cable Cutters





For cutting solid aluminum & copper conductors

1000Volt

WH11950 Cable Cutter, With Insulated Handle

Insulation According to EN/IEC 60900, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Blade alloyed tool steel. Induction hardened.

Item	OAL	OAL	Capacity		
No.	mm	Inch	mm	Inch	lbs. pkg.
WH11950	500	19.6	12	1/2"	3.0 1

For cutting multi strand aluminum & copper cables





1000Volt

WH40800 Large Capacity Cable Cutter, With Insulated Handle

Insulation According to EN/IEC 60900, ASTM F-1505 & CSA Specification, Up to 1000 Volt. Individually Tested.

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

Item	OAL	OAL	Capacity		
No.	mm	Inch	mm	Inch	lbs. pkg.
WH40800	800	31.5	50	2"	8.0 1





For cutting solid aluminum, copper & medium hard wires

1000Volt

WH29250 End Cutters, With Insulated Handle. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification.

Individually Tested. Blade alloyed tool steel. Induction hardened.

Item	OAL	OAL	Capacity		
No.	mm	Inch	mm	lbs.	pkg.
WH29250	250	10	7/8"	1.1	1





1000Volt

WH116 Waterpump Pliers, With Insulated Handle

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

Chrome-vanadium steel, drop forged, oil hardened.

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

Wiha Insulated Ratcheting Cable Cutters

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



1000Volt

WH119 High Voltage Double-Insulated Ratcheting Cable Cutters
High leverage ratchet cable cutter with shear type blades cuts stranded and flexible copper and aluminum cable. Not for use on steel. Features built in safety release in all cutting positions, and high-visibility comfort grip handles.

Item No.	OAL mm	OAL Inch	up to MCM Dia.	Inch	Capacity	lbs.	pkg.
WH11960	250	10.0"	500	1.25"	32ml	1.58	1
WH11975	280	11.0"	750	2.0"	52ml	2.02	1



1000Volt

WH11980 Insulated ACSR Ratcheting Cable Cutter

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

Item No.	OAL mm	OAL Inch	up to MCM Dia.	Inch	Capacity	lbs.	pkg.
WH11980	353	13.9	477	1.25"	32ml	3.42	1

Wiha Insulated Serrated Tweezers



1000Volt

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

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



1000Volt

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

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

Wiha Insulated Serrated Tweezers

Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings



Carbon steel with chrome nickel plated

1000V

10,000 Volt tested 1000Volt rated



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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



1000Volt

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

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

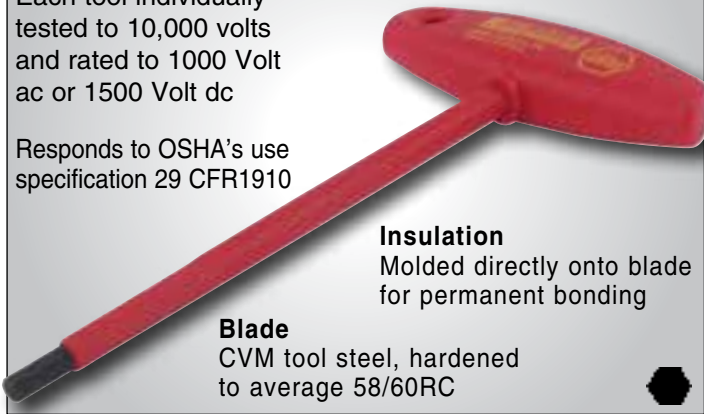
Wiha Insulated T-handle Hex Drivers

Insulation Test Standards:

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

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

Responds to OSHA's use specification 29 CFR1910



Insulation
Molded directly onto blade for permanent bonding

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



1000Volt

WH334 Inch T-handle, With Wiha-Molded Handle. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

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



1000Volt

WH334 Metric T-handle, With Wiha-Molded Handle. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

Item							
No.	mm	mm	Inch	mm	Inch	lbs.	pkg.
WH33441	4.0	150	5.9	176	6.9	.09	10
WH33443	5.0	150	5.9	182	7.1	.15	10
WH33445	6.0	150	5.9	182	7.1	.18	10
WH33447	8.0	150	5.9	182	7.1	.26	10
WH33449	10.0	150	5.9	191	7.5	.46	10



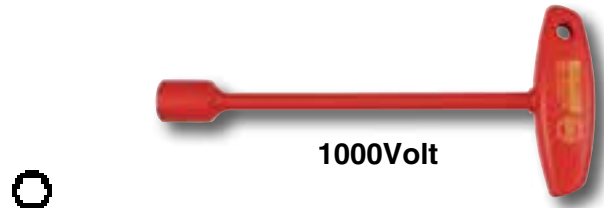
1000Volt

WH33490 6 Piece Inch T-handle Hex Set		
Item		lbs.
No.	Inch:	
WH33490	5/32, 3/16, 7/32, 1/4, 5/16, 3/8"	1.66



WH33478 5 Piece Metric T-handle Hex Set		
Item		lbs.
No.	Metric:	
WH33478	4.0, 5.0, 6.0, 8.0, 10.0mm	1.20

Wiha Insulated T-handle Nut Drivers



1000Volt

WH336 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.
WH33632	8.0	200	7.9	232	9.1	.15	5
WH33634	10.0	230	9.0	262	10.3	.18	5
WH33637	13.0	230	9.0	262	10.3	.26	5
WH33641	17.0	230	9.0	268	10.6	.46	5

Wiha Multi-Bit Screwdrivers

Six Tools in One!

Insulated Bit Holder



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

WH380 Sets Multi-Bit Screwdriver Sets with Wiha Powerhandle, cellulose-acetate, impact resistant. Snap-lock rotatable cap.

Chambered bit holder equipped with transparent selector and 6 bits. 1/4" Bit holder, stainless steel. Shaft chrome-vanadium-molybdenum steel, hardened, chrome-plated. Packaged in clear blister package. Blade Length = 120mm (4.7") Overall Length = 230mm (9")

WH38006 Slotted/Phillips Multi-Bit Screwdriver

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

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

WH38007 Slotted/Phillips/Square Multi-Bit Screwdriver

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

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

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

☐ lbs. .26

Wiha Insulated TorqueControl Tools

Includes Certificate

1000Volt



Includes *SlimLine* blade holder

WH287 Insulated TorqueVario-S, With Window Scale Insulation

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

Item No.	Range	Inch lbs.	Increments	mm	lbs.	pkg.
WH28724	7.5 - 20	.5 Inch lbs	126 - 131	.43	1	
WH28726	10 - 50	2 Inch lbs	133 - 138	.40	1	
WH28727	20 - 70	2 Inch lbs	137 - 142	.69	1	

WH287 Insulated TorqueVario-S Handle - In Newton Meter Scale

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

Each TorqueVario handle has unique serial number & certificate of calibration

1000Volt



WH28350 Insulated SlimLine Torque Blade Holder

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

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

Wiha Insulated TorqueControl & SlimLine Tool Sets



In Roll-up Pouch

1000Volt

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

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

With Certificate of Calibration



1000Volt

In Roll-up Pouch

WH28792 16 Piece Insulated TorqueControl Set With SlimLine Blades Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 13 SlimLine blades, SlimLine blade holder & Torque adjustment tool.

Item No.	lbs.
WH28792 <i>SlimLine</i> Slotted: 4.0, 5.5, 6.5mm	1.27
<i>SlimLine</i> Phillips: #1, 2	
<i>SlimLine</i> Terminal Xeno: #1, 2	
<i>SlimLine</i> TORX: T8, T10, T15, T20	
<i>SlimLine</i> Square: #1, 2	
WH28727 - Handle Range 20-70 Inch/lbs.	
<i>SlimLine</i> Blade Holder	

With Certificate of Calibration

Wiha Insulated Pop-Up SlimLine Sets

Blades High quality CV steel, through-hardened

NEW

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

Bit holder securely locks blades in place for precise fastening

1000Volt Rated
10,000 Volt Tested

1000Volt

NEW

WH28393 Insulated Pop-Up Bit Holder Set With Slotted/Phillips SlimLine Blades Insulated SoftFinish multi-component handle. ClicFix Bit holder Locks all *SlimLine* Blades securely. Convenient rotating cap.

WH28393 Set includes the following 1/4" blades:

☪	Slotted: 3.0, 4.0, 5.5, 6.5mm	lbs.
⊕	Phillips: 1, 2	.38

1000Volt

NEW

WH28394 Insulated Pop-Up Bit Holder Set With Slotted/Phillips/Sq. SlimLine Blades Insulated SoftFinish multi-component handle. ClicFix bit holder Locks all *SlimLine* Blades securely. Convenient rotating cap.

WH28394 Set includes the following 1/4" blades:

☪	Slotted: 3.0, 4.0mm	lbs.
⊕	Phillips: 1, 2	.38
◻	Square: 1, 2	

1000Volt

NEW

WH28395 Insulated Pop-Up Bit Holder Set With SlimLine Blades Insulated SoftFinish multi-component handle. ClicFix Bit holder Locks all *SlimLine* Blades securely. Convenient rotating cap.

WH28395 Set includes the following 1/4" blades:

☪	Slotted: 3.0, 4.0mm	lbs.
⊕	Phillips: 1, 2	.38
⊕	Terminal Xeno: 1, 2	



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



VDE-GS Certified

Wiha Insulated SlimLine Tools

Integrated *Slim* Insulation molded directly onto blade

High quality CV steel, through-hardened

Insulation does not exceed screw head diameter

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

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

1000Volt Rated
10,000 Volt Tested

1000Volt

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

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

Item	☪	☪	☪	☪	☪	☪	☪
No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
WH28301	1/4"	50	2.0	160	6.3	.15	1

WH283 Insulated Slotted SlimLine Blades *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item	☪	☪	☪	Slim	Max	Inch/	☪	☪
No.	mm	Inch	Inch	Dia.	Nm	lbs.	lbs.	Pkg.
WH28307	2.5	.098	3/32	4.0	0.4	3.5	.02	1
WH28308	3.0	.118	1/8	4.0	0.6	5.3	.02	1
WH28309	4.0	.157	5/32	4.0	2.5	22.1	.02	1
WH28312	5.5	.216	7/32	6.0	3.8	33.6	.02	1
WH28315	6.5	.255	1/4	6.0	5.5	48.6	.02	1

WH283 Insulated Phillips SlimLine Blades *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item	⊕	Slim	Max	Inch/	☪	☪
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
WH28317	1	4.0	3.8	33.7	.02	1
WH28319	2	6.0	5.5	48.8	.02	1

WH283 Insulated Pozidriv® SlimLine Blades *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item	⊕	Slim	Max	Inch/	☪	☪
No.	Size	Dia.	Nm	lbs.	lbs.	Pkg.
WH28330	1	4.0	3.8	33.7	.02	1
WH28331	2	6.0	5.5	48.8	.02	1

Wiha Insulated SlimLine Blades



WH283 Insulated Xeno Slotted/Pozidriv® SlimLine Blades

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ lbs.	Weight lbs.	Pkg.
WH28320	1	4.0	3.8	33.6	.02	1
WH28321	2	6.0	5.5	48.7	.02	1



WH283 Insulated Xeno Slotted & Phillips SlimLine Blades

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ lbs.	Weight lbs.	Pkg.
WH28327	1	4.0	3.8	33.6	.02	1
WH28329	2	6.0	5.5	48.7	.02	1



WH283 Insulated TORX SlimLine Blades

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ lbs.	Weight lbs.	Pkg.
WH28339	T8	4.0	1.3	11.5	.02	1
WH28340	T10	4.0	3.8	33.6	.02	1
WH28341	T15	6.0	5.5	48.7	.02	1
WH28342	T20	6.0	5.5	48.7	.02	1
WH28343	T25	6.0	5.5	48.7	.02	1



WH283 Insulated Square SlimLine Blades

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ lbs.	Weight lbs.	Pkg.
WH28346	1	4.0	3.8	33.6	.02	1
WH28347	2	6.0	5.5	48.7	.02	1



WH283 Insulated Hex Metric SlimLine Blades

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

Item No.	Size	Slim Dia.	Max Nm	Inch/ lbs.	Weight lbs.	Pkg.
WH28332	1.5	4.0	0.9	7.9	.02	1
WH28333	2.0	4.0	1.8	15.9	.02	1
WH28334	2.5	4.0	3.8	33.6	.02	1
WH28335	3.0	4.0	5.5	48.7	.02	1
WH28336	4.0	6.0	5.5	48.7	.02	1
WH28337	5.0	6.0	5.5	48.7	.02	1
WH28338	6.0	6.0	5.5	48.7	.02	1

1000Volt



WH28390 15 Piece Insulated SlimLine Blade Set

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

Item No.	Slotted: 3.0, 4.0, 5.5, 6.5 & Phillips: #1, #2	Weight lbs.
WH28390	Xeno: #1, #2 & TORX: T8, T10, T15, T20	.56
Square: #1, #2		.56
28301 - SlimLine Cushion Grip Blade Holder		

1000Volt



WH28391 8 Piece Insulated SlimLine Blade Set

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

Item No.	Weight lbs.
WH28391	.45
Slotted: 4.0, 6.5 & Phillips: #1, #2	
Xeno: #2 & TORX: T15, T20	
28301 - SlimLine Cushion Grip Blade Holder	

1000Volt



WH28392 12 Piece Insulated SlimLine Blade Set

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

Item No.	Weight lbs.
WH28392	.52
Slotted: 3.0, 5.5mm, Phillips: #2 & Xeno: #1, 2	
Square: #1, 2 & TORX: T8, T10, T15, T20	
28301 - SlimLine Cushion Grip Blade Holder	

Insulated PicoFinish Precision Screwdrivers



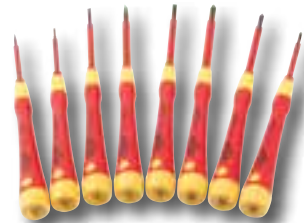
WH320 Insulated Slotted PicoFinish Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.

Item No.	mm	Inch	mm	mm	Pkg.	lbs.
WH32000	1.5	.06	40	154	1	.05
WH32001	2.0	.08	40	154	1	.07
WH32002	2.5	.10	60	160	1	.07
WH32003	3.0	.12	60	160	1	.08
WH32004	3.5	.14	60	160	1	.08



WH321 Insulated Phillips PicoFinish Screwdrivers. Individually Tested Protective Insulation 1000Volt AC, VDE & GS Tested.

Item No.	Size	mm	mm	Pkg.	lbs.
WH32106	00	40	154	1	.05
WH32107	0	60	160	1	.07
WH32108	1	60	160	1	.08



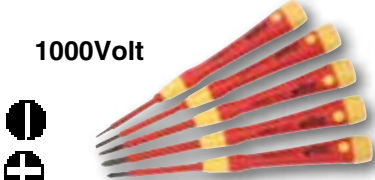
Individually Tested Protective Insulation 1000Volt AC, VDE and GS Tested



1000Volt

WH32088 8 Piece Slotted & Phillips PicoFinish Set

Item No.	Slotted: 1.5, 2.0, 2.5, 3.0, 3.5	lbs.
WH32088	Phillips: #00, #0, #1	.35



High quality CV steel, through hardened, black finish

Rotating cap for precise turning & control with fingertip



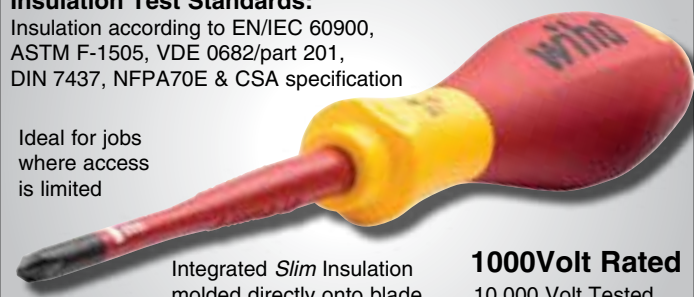
WH32085 5 Piece Slotted & Phillips PicoFinish Set

Item No.	Slotted: 1.5, 2.5, 3.5	lbs.
WH32085	Phillips: #0, #1	.26

Wiha Insulated SlimLine Screwdrivers

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

Ideal for jobs where access is limited



Integrated *Slim* Insulation molded directly onto blade

1000Volt Rated
10,000 Volt Tested



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



WH320 Insulated Slotted SlimLine Screwdrivers
 Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

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

Item No.	mm	Inch	Inch	mm	mm	lbs.	Pkg.
WH32046	3.5	.139	9/64	3.5	100	204	.07 1
WH32049	4.0	.157	5/32	4.0	100	211	.12 1
WH32052	4.5	.177	3/16	4.5	125	211	.14 1
WH32055	5.5	.216	7/32	5.5	125	243	.21 1
WH32058	6.5	.255	1/4	6.5	150	268	.25 1



WH321 Insulated Phillips SlimLine Screwdrivers
 Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

Item No.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH32145	1	4.5	80	204	.12	1
WH32146	2	6.0	100	211	.21	1



WH307 Insulated Xeno SlimLine Screwdrivers For Terminal Screws
 Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

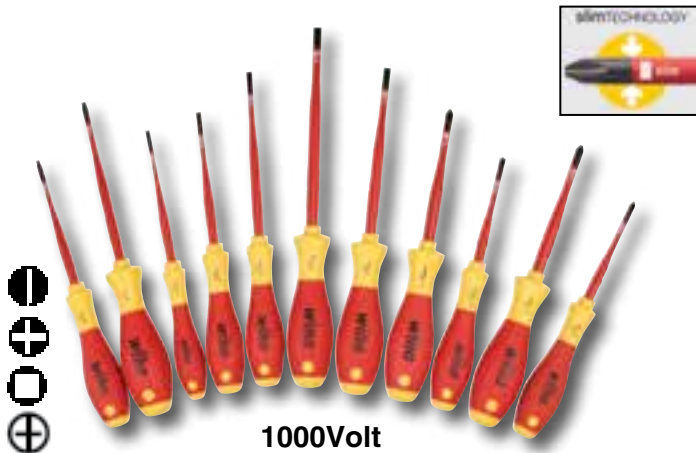
Item No.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH30746	1	4.5	80	191	.12	1
WH30747	2	6.0	100	218	.21	1



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

Item No.	Size	Slim Dia.	mm	mm	lbs.	Pkg.
WH35844	1	4.0	100	218	.12	1
WH35845	2	4.5	125	243	.19	1

Wiha Insulated SlimLine Screwdriver Sets



1000Volt

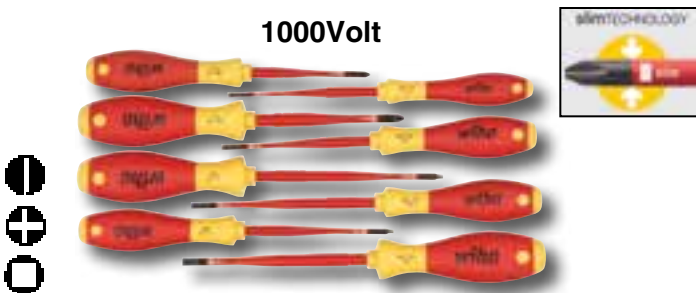
WH32198 11 Piece Insulated *SlimLine* Slotted, Phillips, Xeno & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

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

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

Item No.	Size	mm	mm	mm	lbs.
WH32198	Phillips 1	80	Slotted 3.5	100	1.75
	Phillips 2	100	Slotted 4.0	100	
			Slotted 4.5	125	
	Square 1	100	Slotted 5.5	125	
	Square 2	125	Slotted 6.5	150	
	Xeno 1	80			
	Xeno 2	100			

1000Volt



WH32197 8 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

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

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

Item No.	Size	mm	mm	mm	lbs.
WH32197	Phillips 1	80	Slotted 3.5	100	1.18
	Phillips 2	100	Slotted 4.0	100	
			Slotted 4.5	125	
	Square 1	100	Slotted 5.5	125	
	Square 2	125			



1000Volt

WH32196 6 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested to 10,000Volts.

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

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

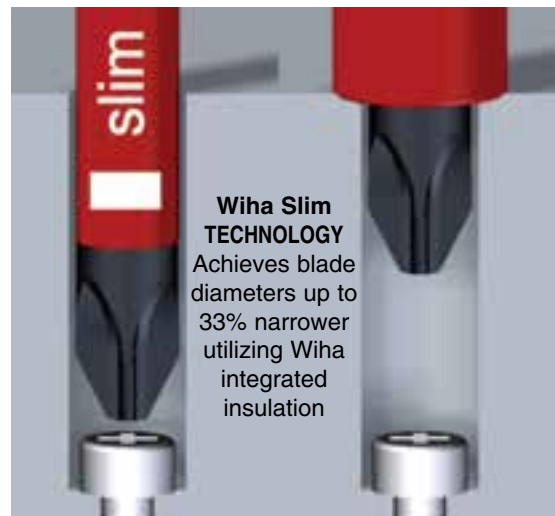
Item No.	Size	mm	mm	mm	lbs.
WH32196	Phillips 1	80	Slotted 4.5	125	1.02
	Phillips 2	100	Slotted 6.5	150	
	Square 1	100			
	Square 2	125			



1000Volt

WH32189 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, up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter than standard insulated tools.

Item No.	Size	mm	mm	mm	lbs.
WH32189	2	100	4.5	125	.37



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

Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle

Insulation Test Standards:

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

Responds to OSHA's use specification 29 CFR1910



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

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

Insulation
Molded directly onto the blade for permanent bonding

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

1000V



1000Volt

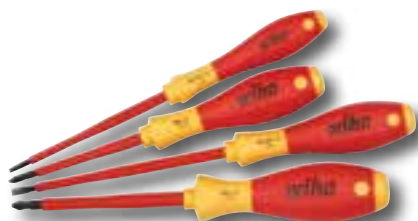
WH320 Slotted Screwdriver, With Wiha-SoftFinish® Handle
Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested.

Item No.	mm	Inch	Inch	mm	Inch	mm	Inch	lbs.	pkg.
WH32005	2.0	.078	5/64	60	3.0	164	6.5	.05	10
WH32010	2.5	.098	3/32	75	3.0	179	7.1	.06	10
WH32012	3.0	.118	1/8	100	4.0	204	8.0	.07	10
WH32015	3.5	.139	9/64	100	4.0	204	8.0	.07	10
WH32017	4.0	.157	5/32	100	4.0	211	8.3	.12	10
WH32023	4.5	.177	3/16	100	4.0	211	8.3	.12	10
WH32024	4.5	.177	3/16	125	5.0	236	9.3	.12	10
WH32027	4.5	.177	3/16	150	6.0	261	10.2	.14	10
WH32025	4.5	.177	3/16	175	7.0	286	11.2	.13	10
WH32028	4.5	.177	3/16	200	8.0	311	12.3	.15	10
WH32031	5.5	.216	7/32	125	5.0	243	9.5	.15	10
WH32026	5.5	.216	7/32	175	7.0	293	11.5	.21	10
WH32034	6.0	.236	15/64	150	6.0	268	10.6	.21	10
WH32039	6.5	.255	1/4	150	6.0	268	10.6	.21	10
WH32042	8.0	.315	5/16	175	7.0	299	11.8	.34	10
WH32045	10.0	.393	3/8	200	8.0	318	12.5	.39	10

1000Volt

WH32105 2 Piece Slotted & Phillips Set

Item No.	Slotted:	Phillips:	lbs.
WH32105	5.5	2	.50



1000Volt

WH32090 4 Piece Slotted & Phillips Set

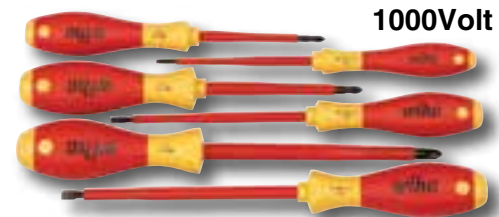
Item No.	Slotted:	Phillips:	lbs.
WH32090	3.5, 4.5	1, 2	.76



1000Volt

WH321 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.
WH32100	0	60	2.4	164	6.5	.06	10
WH32101	1	80	3.0	191	7.5	.12	10
WH32102	2	100	4.0	218	8.6	.20	10
WH32103	3	150	6.0	268	10.6	.34	10
WH32104	4	200	8.0	318	12.5	.39	10



1000Volt

WH32092 6 Piece Slotted & Phillips Set

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



WH32091 5 Piece Slotted & Phillips Set

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

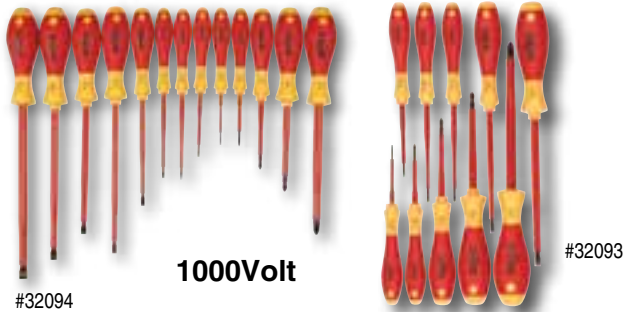


1000Volt


WH32188 7 Piece Slotted & Phillips Set

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


Wiha Insulated Screwdriver Sets



WH32094	13 Piece Slotted & Phillips Set	
Item No.	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm	 lbs. 2.3
WH32094	Phillips: 0, 1, 2, 3	

WH32093	10 Piece Slotted & Phillips Set	
Item No.	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5	 lbs. 1.63
WH32093	Phillips: 0, 1, 2, 3	




WH32192	14 Piece Slot/Phil/Inch Nut Drivers & Pliers/Cutters Set	
Item No.	Slotted: 3.0, 4.5, 6.5mm & Phillips: 1, 2	 lbs. 5.5
WH32192	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 With Cutters	



WH32190	15 Piece Slotted, Phillips & Inch Nut Drivers Set	
Item No.	Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm	 lbs. 5.9
WH32190	Phillips: 1, 2, 3, 5, 9	
	Nut Drivers Inch: 1/4, 5/16, 3/8, 7/16, 1/2"	










WH32095	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, 5.5, 6.0, 6.5, 8.0, 10.0mm	
WH32095	Phillips: #0, #1, #2, #3	
	Square: #1, #2	
lbs.	Xeno Terminal: #1, #2	
4.92	Cat. III Voltage Detector - Battery Operated	

Wiha Insulated Hex Metric Screwdrivers

• 1000Volt




WH3233 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.
WH32302	2.5	75	3.0	179	7.0	.06	10
WH32303	3.0	75	3.0	179	7.0	.08	10
WH32304	4.0	75	3.0	186	7.3	.12	10
WH32305	5.0	75	3.0	186	7.3	.15	10
WH32306	6.0	100	3.9	218	8.6	.24	10
WH32308	8.0	100	3.9	218	8.6	.34	10

1000Volt



WH32366 6 Piece Insulated Hex Metric Screwdriver Set








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

Wiha Insulated Square Tip Screwdrivers



1000Volt

WH358 Square Tip Screwdriver, With Wiha-SoftFinish® Handle
Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade.

Item							
No.	Size	mm	Inch	mm	Inch	lbs.	pkg.
WH35811	1	100	4.0	210	8.2	.12	10
WH35812	2	150	6.0	268	10.5	.19	10



1000Volt

WH35890 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

Item No.	WH35890	 lbs. .83
Slotted:	4.5, 6.5mm	
Phillips:	1, 2	
Square:	1, 2	

WH35891 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

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

Wiha Insulated Nut Drivers



1000Volt

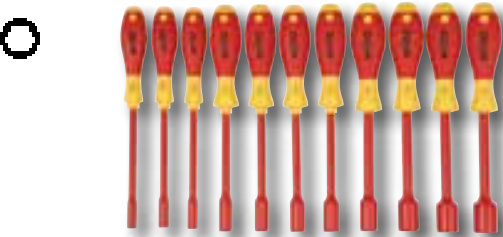
WH322 Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation

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.
WH32206	4.0	125	236	9.3	.15	10
WH32209	5.0	125	236	9.3	.16	10
WH32212	5.5	125	236	9.3	.16	10
WH32215	6.0	125	236	9.3	.16	10
WH32218	7.0	125	243	9.6	.25	10
WH32221	8.0	125	243	9.6	.25	10
WH32224	9.0	125	243	9.6	.25	10
WH32227	10.0	125	243	9.6	.27	10
WH32230	11.0	125	243	9.6	.37	10
WH32233	12.0	125	243	9.6	.38	10
WH32236	13.0	125	243	9.6	.39	10
WH32238	14.0	125	243	9.6	.39	10
WH32239	15.0	125	243	9.6	.40	10
WH32240	16.0	125	243	9.6	.42	10
WH32241	17.0	125	243	9.6	.44	10

WH322 Inch Nut Drivers, With Wiha-SoftFinish® Handle

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



1000Volt

WH32296 11 Piece Nut Driver Set - Inch Sizes

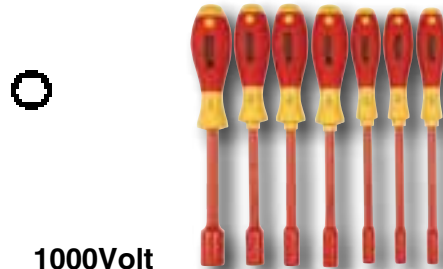
Item No.	Inch	Inch	Inch	Inch	lbs.
WH32296	5/32	5.0	3/8	5.0	3.00
	3/16	5.0	7/16	5.0	
	7/32	5.0	1/2	5.0	
	1/4	5.0	9/16	5.0	
	5/16	5.0	5/8	5.0	
	11/32	5.0			



1000Volt

WH32291 5 Piece Nut Driver Set - Metric Sizes

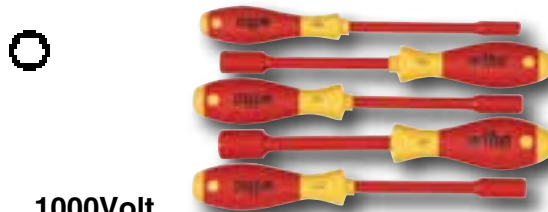
Item No.	mm	mm	mm	mm	lbs.
WH32291	6.0	125	9.0	125	1.36
	7.0	125	10.0	125	
	8.0	125			



1000Volt

WH32293 7 Piece Nut Driver Set - Metric Sizes

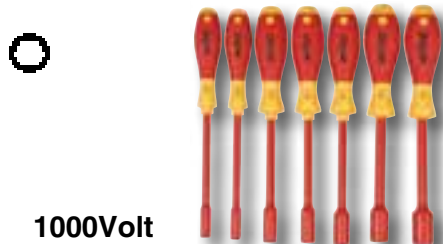
Item No.	mm	mm	mm	mm	lbs.
WH32293	5.0	125	8.0	125	2.05
	5.5	125	10.0	125	
	6.0	125	13.0	125	
	7.0	125			



1000Volt

WH32292 5 Piece Nut Driver Set - Inch Sizes

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

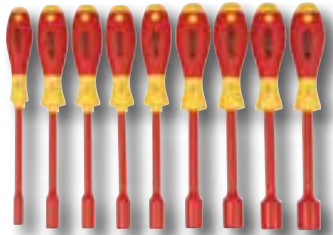


1000Volt

WH32294 7 Piece Nut Driver Set - Inch Sizes


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

Wiha Insulated Inch Nut Driver Set



1000Volt

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

Item	Inch Nut Drivers:	
No.	3/16, 1/4, 5/16, 11/32, 3/8,	lbs.
WH32288	7/16, 1/2, 9/16, 5/8"	3.16

Insulated Terminal Block Xeno Screwdrivers



Combination Slotted/Phillips Terminal Block Drivers

Slotted/Phillips or Slotted/Pozidriv®









1000Volt



 Slotted/Phillips







WH307 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.
WH30700	1	80	191	7.5	1.23	10
WH30701	2	100	218	8.6	1.23	10



 Slotted/Pozidriv®

WH307 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.
WH30711	1	80	191	7.5	1.23	10
WH30712	2	100	218	8.6	1.23	10

Wiha Insulated TORX® Screwdrivers



1000Volt


WH325 TORX® Screwdriver, With Wiha-SoftFinish® Handle Insulation According to ASTM F-1505, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy cvm steel, hardened, black finish. Insulation molded directly onto blade.

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




1000Volt

WH32590 6 Piece TORX® Set

Item	TORX:	
No.	T8, T9, T10, T15, T20, T25	lbs.
WH32590		.83

 1000Volt

WH32592 10 Piece TORX® Set







Item	TORX:	
No.	T6, T7, T8, T9, T10, T15,	lbs.
WH32592	T20, T25, T27, T30	1.2

Wiha Insulated Pozidriv® Screwdrivers

1000Volt



WH324 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.
WH32400	0	60	164	6.5	1.18	10
WH32401	1	80	191	7.5	1.23	10
WH32402	2	100	218	8.6	1.30	10
WH32403	3	150	324	12.8	1.38	5

Wiha Insulated "BitFlip" Sets

"8-In-1 Bit Sets"

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

Each insulated tool individually tested to 10,000 volts

Blade CVM tool steel, hardened



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

Insulated



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

Set includes the following 1/4" bits:

☛ Slotted: 4.5, 6.0mm	☛
⊕ Phillips: 1, 2	lbs. .45
⊗ TORX® : T10, T15, T20, T25	.45

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

Insulated

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

Set includes the following 1/4" bits:

☛ Slotted: 4.5, 6.0mm	☛
⊕ Phillips: 0, 1, 2, 3	lbs. .45
⊞ Square: 1, 2	.45

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

Insulated

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

Set includes the following 1/4" bits:

☛ Slotted: 4.5, 5.5, 6.0, 8.0mm	lbs. .45
⊕ Phillips: 0, 1, 2, 3	.45

Insulated Single-Pole Voltage Detector

1000Volt

WH25511 Insulated Single-Pole Voltage Detector. 110-250 Volts.
Insulation According To DIN 57860/6 And DIN VDE 0680-6, GS Tested. Blade CVM steel, hardened, nickel-plated. Insulation molded directly onto blade. Amber LED light. 10,000Volt tested.

Item	☛	☛	☛	☛	☛	☛
No.	mm	mm	mm	Inch	lbs.	pkg.
WH25511	3.0	65	145	5.7	.04	1

Cat. III Voltage Detector - Battery Operated

1000Volt

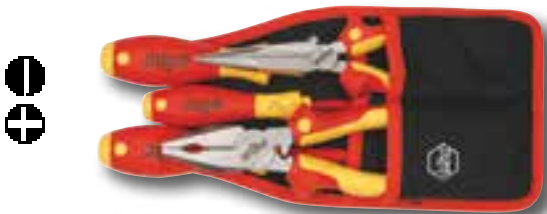
WH25500 Battery Operated Voltage Detector
Tests 90-1000 Volts. Category III, CE IEC 61010-1
With audible sound and light warnings. Requires 2 AAA batteries.

Item	☛	☛	☛	☛
No.	mm	Inch	lbs.	pkg.
WH25500	150	6.0	.13	1

Wiha Insulated Belt Pack Pouch Sets

Insulation Test Standards:

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



1000Volt

WH32875 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

WH32875 9.0" / 225mm Lineman's Pliers

8.0" / 200mm Long Nose Pliers

Insulated SlimLine Screwdrivers:

Slotted: 4.5, 6.5mm • Phillips: 2

 lbs. 2.26



1000Volt

WH32871 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated multi-bit screwdriver includes Slotted, Phillips & Square bits.


Item No. Pliers/Cutters & Multi-Bit Set

WH32871 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

Set includes Bit Holder and the following bits:

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

 lbs. 1.67



1000Volt

WH32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.


Item No. Insulated Pliers/Cutters & Screwdrivers

WH32872 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

Insulated Screwdrivers:

Slotted: 3.0, 4.5mm • Phillips: 2

 lbs. 1.77

1000Volt

WH32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch

Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards.

Pliers chrome finish for long lasting corrosion protection.


Soft grip ergo designed handle body, safety slip guard.

Item No. Insulated Pliers & Cutters

WH32873 6.3" / 160mm Diagonal Cutters

8.0" / 200mm Long Nose Pliers

8.0" / 200mm Combination Pliers

 lbs. 2.07

Wiha Insulated Tools-Comfort Grip Handles

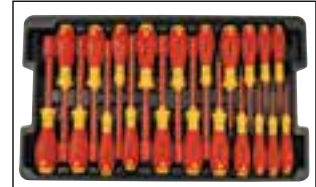
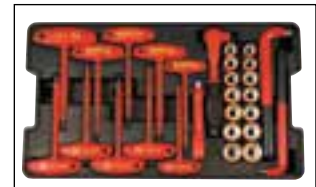
Insulation Test Standards:

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

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



1000Volt



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

Item#WH32800	Set Includes:	lbs. 33.9
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Bent Nose Pliers	6.3" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Insulated Socket 1/2"	Insulated Nut Driver 7/32"	
Insulated Socket 9/16"	Insulated Nut Driver 1/4"	
Insulated Socket 5/8"	Insulated Nut Driver 5/16"	
Insulated Socket 11/16"	Insulated Nut Driver 3/8"	
Insulated Socket 3/4"	Insulated Nut Driver 7/16"	
Insulated Socket 13/16"	Insulated Nut Driver 5.0mm	
Insulated Socket 7/8"	Insulated Nut Driver 5.5mm	
Insulated Socket 13mm	Insulated Nut Driver 6.0mm	
Insulated Socket 14mm	Insulated Nut Driver 7.0mm	
Insulated Socket 15mm	Insulated Nut Driver 8.0mm	
Insulated Socket 17mm	Insulated Nut Driver 10.0mm	
Insulated Socket 19mm	Insulated Nut Driver 13.0mm	
Insulated Socket 20mm	Insulated Cable Knife 50mm	
Insulated Socket 22mm	2 Meter Ruler In/MM	
Insulated Ratchet 3/8" Drive	Cat. III Voltage Detector-	
Insulated 4.9" Extension 3/8" Dr.	Battery Operated	

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

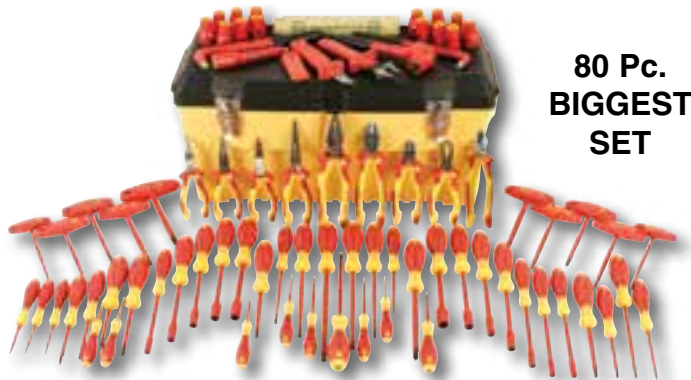
Use & Care Guide For Insulated Tools:

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

WARNING!

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

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles



**80 Pc.
BIGGEST
SET**

1000Volt

WH32877 80 Piece Insulated Master Electrician's Set

Item# WH32877	Set Includes:	🔧 lbs. 27.0
6.3" Long Nose Pliers	6.3" Diagonal Cutters	
6.3" Bent Nose Pliers	8.0" High Leverage Cutters	
8.0" Long Nose Pliers	8.0" Cable Cutters	
6.3" Long Flat Nose Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	
Insulated Slotted 2.0mm	Insulated Nut Driver 7/32"	
Insulated Slotted 2.5mm	Insulated Nut Driver 1/4"	
Insulated Slotted 3.0mm	Insulated Nut Driver 5/16"	
Insulated Slotted 3.5mm	Insulated Nut Driver 3/8"	
Insulated Slotted 4.0mm	Insulated Nut Driver 7/16"	
Insulated Slotted 4.5mm	Insulated Nut Driver 5.0mm	
Insulated Slotted 5.5mm	Insulated Nut Driver 5.5mm	
Insulated Slotted 6.0mm	Insulated Nut Driver 6.0mm	
Insulated Slotted 6.5mm	Insulated Nut Driver 7.0mm	
Insulated Slotted 8.0mm	Insulated Nut Driver 8.0mm	
Insulated Slotted 10.0mm	Insulated Nut Driver 10.0mm	
Insulated Phillips #0	Insulated Nut Driver 13.0mm	
Insulated Phillips #1	Insulated T-handle Hex 5/32"	
Insulated Phillips #2	Insulated T-handle Hex 3/16"	
Insulated Phillips #3	Insulated T-handle Hex 7/32"	
Insulated Slit/Ph Terminal #1	Insulated T-handle Hex 1/4"	
Insulated Slit/Ph Terminal #2	Insulated T-handle Hex 5/16"	
Insulated Torx T6	Insulated T-handle Hex 3/8"	
Insulated Torx T7	Insulated T-handle Hex 4.0mm	
Insulated Torx T8	Insulated T-handle Hex 5.0mm	
Insulated Torx T9	Insulated T-handle Hex 6.0mm	
Insulated Torx T10	Insulated T-handle Hex 8.0mm	
Insulated Torx T15	Insulated L-key 10mm	
Insulated Torx T20	Insulated L-key 1/2"	
Insulated Torx T25	Insulated Cable Knife 50mm	
Insulated Torx T30	2 Meter Ruler In/MM	
Insulated Square #1	Insulated Ratchet 3/8" Dr.	
Insulated Square #2	Insulated 4.9" Extension	
Insulated Socket 1/2"	Insulated Socket 13mm	
Insulated Socket 9/16"	Insulated Socket 14mm	
Insulated Socket 5/8"	Insulated Socket 15mm	
Insulated Socket 11/16"	Insulated Socket 17mm	
Insulated Socket 3/4"	Insulated Socket 19mm	
Insulated Socket 13/16"	Insulated Socket 20mm	
Insulated Socket 7/8"	Insulated Socket 22mm	



Master Electrician's Set



**66 Pc.
BIGGER
SET**

1000Volt

WH32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA,

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

Item# WH32876	Set Includes:	🔧 lbs. 21.5
8.0" Long Nose	6.3" Side Cutters	
6.3" Long Flat Nose	8.0" High Leverage Cutters	
9.0" Combo Pliers/Crimpers	6.3" Stripping Pliers	
8.0" Cable Cutters	8.0" Adjustable Wrench	
Insulated Nut Driver 1/4"	Insulated Slotted 2.0mm	
Insulated Nut Driver 5/16"	Insulated Slotted 2.5mm	
Insulated Nut Driver 11/32"	Insulated Slotted 3.0mm	
Insulated Nut Driver 3/8"	Insulated Slotted 4.0mm	
Insulated Nut Driver 7/16"	Insulated Slotted 4.5mm	
Insulated T-handle Hex 4.0mm	Insulated Slotted 5.5mm	
Insulated T-handle Hex 5.0mm	Insulated Slotted 6.0mm	
Insulated T-handle Hex 6.0mm	Insulated Slotted 8.0mm	
Insulated T-handle Hex 8.0mm	Insulated Slotted 10.0mm	
Insulated T-handle Hex 5/32"	Insulated Phillips #0	
Insulated T-handle Hex 3/16"	Insulated Phillips #1	
Insulated T-handle Hex 7/32"	Insulated Phillips #2	
Insulated T-handle Hex 1/4"	Insulated Phillips #3	
Insulated T-handle Hex 5/16"	Insulated Torx T8	
Insulated T-handle Hex 3/8"	Insulated Torx T10	
Insulated Hex L-key 10.0mm	Insulated Torx T15	
Insulated Hex L-key 1/2"	Insulated Torx T20	
Insulated Socket 1/2"	Insulated Torx T25	
Insulated Socket 9/16"	Insulated Torx T30	
Insulated Socket 5/8"	Insulated Square #1	
Insulated Socket 11/16"	Insulated Square #2	
Insulated Socket 3/4"	Insulated Slit/Ph Terminal #1x80	
Insulated Socket 13/16"	Insulated Slit/Ph Terminal #2x100	
Insulated Socket 7/8"	Insulated Cable Knife 50mm	
Insulated Socket 8.0mm	Insulated Extension 4.9"	
Insulated Socket 10.0mm	Insulated Ratchet 3/8" Driver	
Insulated Socket 13.0mm	Insulated Socket 17.0mm	
Insulated Socket 14.0mm	Insulated Socket 19.0mm	
Insulated Socket 15.0mm	Insulated Socket 22.0mm	

Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles



1000Volt 48 Pc. BIG SET

WH32874 48 Piece Insulated Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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# WH32874	Set Includes:	🔧 lbs. 19.4
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
6.3" Combination Pliers	6.3" Stripping Pliers	
9.0" Combo Pliers/Crimpers	8.0" Adjustable Wrench	

Slotted: 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0mm
Phillips: #0, 1, 2, 3 **Square:** #1, 2 **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"
 Insulated Cable Knife & 2 Meter In/MM



1000Volt

25 Pc. Set

WH32879 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# WH32879	Set Includes:	🔧 lbs. 11.92
8.0" Long Nose	6.3" Stripping Pliers	
9.0" Combination Pliers	Inch & Metric Folding Ruler	
8.0" High Leverage Cutters	8.5" Insulated Knife	

Slotted: 3.0, 4.5, 6.0mm **Phillips:** #1, #2
Square: #1, #2 **Terminal Block Driver:** #1, #2
Inch Nut Driver: 1/4, 5/16, 11/32, 3/8, 7/16, 1/2"
Metric Nut Driver: 7.0, 8.0, 10.0, 13.0mm

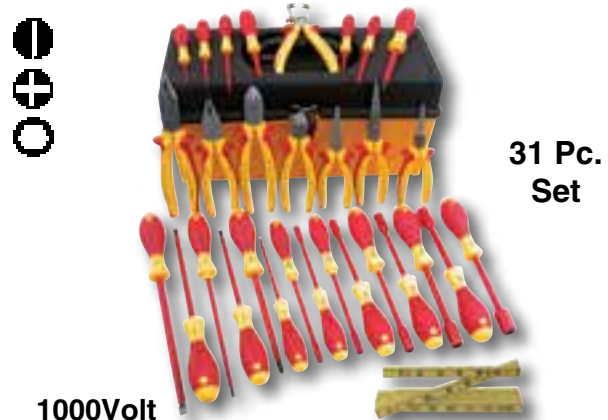


13 Pc. Set

1000Volt

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

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



31 Pc. Set

1000Volt

WH32896 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# WH32896	Set Includes:	🔧 lbs. 12.85
6.3" Long Nose Pliers	6.3" Side Cutters	
8.0" Long Nose Pliers	8.0" High Leverage Cutters	
7.0" Linemans Pliers	6.3" Stripping Pliers	
9.0" Combination Pliers	6.3" Round Nose Pliers	


Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm
Phillips: #0, #1, #2, #3
Inch Nut Driver: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16"

Wiha Insulated Pliers with High Visibility Comfort Grip Handle

1000Volt




WH32891 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# WH32891 Set Includes:  lbs. 5.54	
8.0" Combination Pliers	8.0" Long Nose
8.0" Side Cutters	8.0" Cable Cutters
6.3" Universal Wire Stripper	
Insulated Phillips #1	Insulated Slotted 4.5mm
Insulated Phillips #2	Insulated Slotted 6.5mm
Insulated Phillips #3	



1000Volt


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

Item# WH32895 Set Includes:  lbs. 6.60	
8.0" Long Nose	6.3" Side Cutters
9.0" Combination Pliers	8.0" High Leverage Cutters
6.3" Stripping Pliers	Insulated Slotted 2.5mm
Insulated Phillips #1	Insulated Slotted 3.0mm
Insulated Phillips #2	Insulated Slotted 3.5mm
Insulated Phillips #3	Insulated Slotted 4.5mm
Insulated Slotted 2.0mm	Insulated Slotted 6.5mm



1000Volt


WH32888 11 Piece Pliers & Screwdriver Set In Canvas Pouch

Item# WH32888 Set Includes:  lbs. 3.58	
6.3" Long Nose	6.3" Side Cutters
8.0" Combination Pliers	6.3" Stripping Pliers
Insulated Slotted 2.5mm	Insulated Phillips #0
Insulated Slotted 3.5mm	Insulated Phillips #1
Insulated Slotted 4.5mm	Insulated Phillips #2
Insulated Slotted 6.0mm	



1000Volt


WH32892 10 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag

Item# WH32892 Set Includes:  lbs. 6.64	
8.0" Bent Nose	8.0" Combination Pliers
6.3" Long Nose	6.3" Side Cutters
Insulated Phillips #0	Insulated Slotted 3.0mm
Insulated Phillips #1	Insulated Slotted 4.5mm
Insulated Phillips #2	Insulated Slotted 6.5mm



1000Volt

WH32894 12 Piece Pliers & Screwdriver Set In canvas tool bag


Item# WH32894 Set Includes:  lbs. 8.60	
8.0" Bent Nose	8.0" Combination Pliers
6.3" Long Nose	6.3" Side Cutters
Insulated Slotted 4.5mm	Insulated Nut Driver 1/4"
Insulated Slotted 6.5mm	Insulated Nut Driver 5/16"
Insulated Phillips #1	Insulated Nut Driver 3/8"
Insulated Phillips #2	Insulated Nut Driver 1/2"

Wiha Insulated Pliers with High Visibility Comfort Grip Handle

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




1000Volt

WH32889	8 Piece Pliers & Cutters Set
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.	
Item# WH32889	Set Includes:  lbs. 4.63
6.3" Long Nose Pliers	8.0" Long Nose Pliers
6.3" Lineman's Pliers	6.3" Diagonal Cutters
9.0" Lineman's Pliers	8.0" High Lev. Cutters
6.3" Wire Stripping Pliers	Electrician's Knife




1000Volt

WH32869	14 Piece Pliers/Cutters & Screwdrivers Set
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt. Individually Tested.	
Item# WH32869	Set Includes:  lbs. 6.52
9.0" Lineman's Pliers	8.0" High Leverage Cutters
8.0" Cable Cutters	8.0" Long Nose Pliers
6.0" Stripping Pliers 10-20 AWG	
<i>SlimLine</i> Slotted 3.0mm	<i>SlimLine</i> Phillips #1
<i>SlimLine</i> Slotted 4.5mm	<i>SlimLine</i> Phillips #2
<i>SlimLine</i> Slotted 6.5mm	<i>SlimLine</i> Terminal #2
<i>SlimLine</i> Square #1	Single Pole Tester
<i>SlimLine</i> Square #2	




1000Volt

WH32867	10 Piece Pliers & Screwdriver Set In Canvas Pouch
Item# WH32867	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

WH32868	10 Piece Pliers & Screwdriver Set In Canvas Pouch
Item# WH32868	Set Includes:  lbs. 4.24
7.0" Diagonal Cutters	9.0" Combo Pliers
8.0" Long Nose Pliers	6.3" Wire Strippers
7.0" Crimping Pliers	
Insulated Slotted 3.0mm	Insulated Phillips #1
Insulated Slotted 4.5mm	Insulated Phillips #2
Insulated Slotted 6.0mm	

WARNING!

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

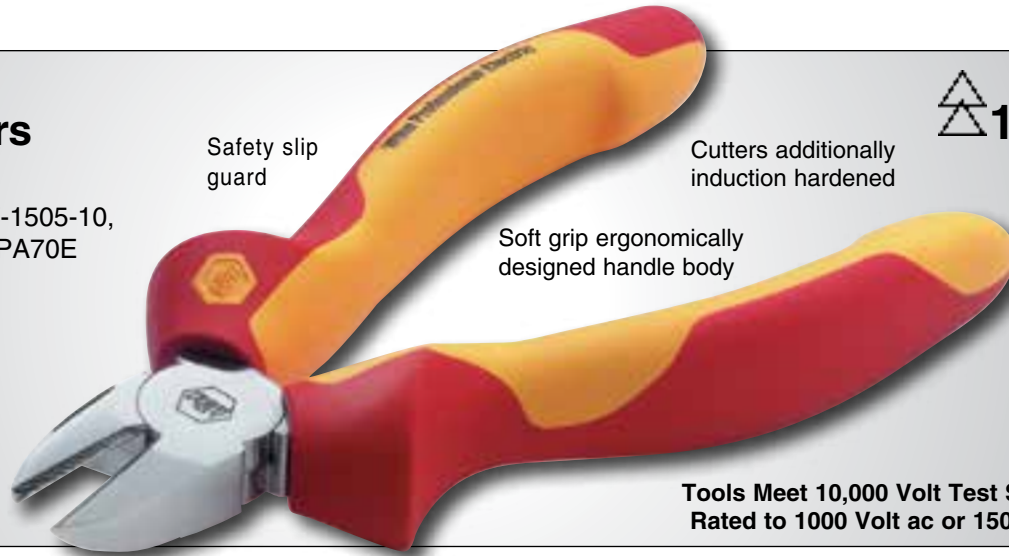
Use & Care Guide For Insulated Tools:

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

Insulated Pliers & Cutters

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

Hard chrome finish for
long lasting corrosion
protection



Safety slip
guard

Cutters additionally
induction hardened

Soft grip ergonomically
designed handle body

 **1000V**

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

Insulated Linemans Pliers With Crimpers

64HRC
cutting edges

5-In-1 Lineman's Pliers







 **1000volt**

With Lower Crimping Jaw

WH32821 Insulated Lineman's Pliers "5-In-1" Professional Design
Insulation According to EN/IEC, ASTM, NFPA70E & CSA,
up to 1000 volt. Individually Tested.

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





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

Insulated Combination Lineman's Pliers



 **1000volt**

WH328 **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.
WH32814	160	6.3	#10	1	.53
WH32816	180	7.0	#9	1	.58
WH32818	200	8.0	#8	1	.72

Insulated High Leverage Combination Pliers





Lineman's



 **1000volt**

WH32820 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.
WH32820	225	9.0	#4	1	.86

Insulated Crimping Pliers



WH32841 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						
No.	mm	Inch	mm ²	AWG	Pkg.	wt.
WH32841	180	7.0	0.25-2.5	6-30	1	.57

Insulated Diagonal Cutters

64HRC cutting edges



1000volt

WH328 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		
WH32830	140	5.5	#6	1 .47
WH32832	160	6.3	#6	1 .49
WH32834	180	7.0	#6	1 .62

Insulated Serrated Edge Cable Cutters

1000volt



WH328 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				
WH32826	160	6.3	16	50	1	.42
WH32828	200	8.0	20	60	1	.67

Insulated High Leverage Diagonal Cutters



1000volt



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

WH328 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		
WH32835	160	6.3	#6	1 .64
WH32836	180	7.0	#5	1 .67
WH32838	200	8.0	#4	1 .80

Insulated Stripping Pliers

64HRC cutting edges



1000volt

WH32860 Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 volt. Individually Tested. Heavy duty forged, induction hardened cutting edges for even stripping of insulation. Drop-forged from special tool steel, chrome and nickel plated, mirror-polished. Spring and adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item No.	Stripping Capacity		Pkg.	wt.
	mm	Inch		
WH32860	160	6.3	#8 - #28	1 .50

Insulated Electrician's Diagonal Cutters

Strips AWG #10 & #14



1000volt

WH32861 Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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		
WH32861	160	6.3	#6	1 .55

Insulated Stripping Pliers

1000Volt



WH10250 Insulated Stripping Pliers. Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested. Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

Item No.	mm	Inch	Ø	AWG	Pkg.	lbs.
WH10250	160	6.3"	0.81-2.59	20-10	1	.26

Insulated Long Nose Pliers



 **1000volt**

WH328 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, ergonomic comfort grip with slip guard, half-round jaws, serrated gripping surface.

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

Insulated Bent Nose Pliers



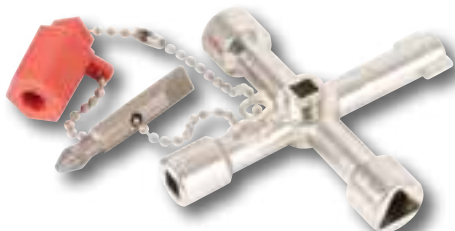
 **1000volt**

WH328 Bent 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. Ergonomic comfort grip with slip guard. Half-round jaws, serrated gripping surface, nose bent 40°.

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

Switch Cabinet Key



WH21103 Switch Cabinet Keys

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

Item No.	mm	Inch	Pkg.	lbs.
WH21103	76	3.0"	1	.22

Insulated Round Nose Pliers



 **1000volt**

WH32870 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.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
WH32870	160	6.3	1	.34

Insulated Long Flat Nose Pliers



 **1000volt**

WH32810 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.	Cutting Capacity		Pkg.	wt.
	mm	Inch		
WH32810	160	6.3	1	.39

Wiha Canvas Pliers Holster

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

WH91256 Pliers Canvas Holster

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



Protturn Insulated Electrician's Shears

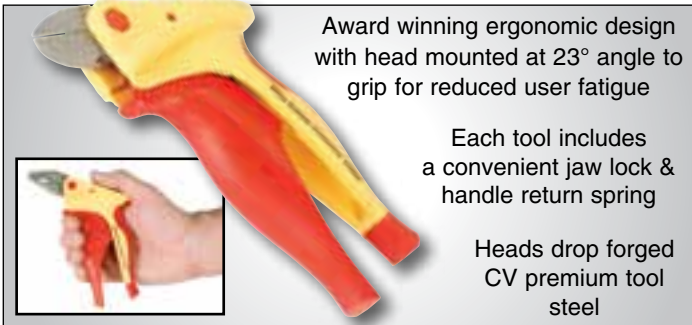


WH32951 Protturn Insulated Electrician's Shears

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

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
WH32951	160	6.3	1	.22

Wiha Inomic 1000Volt Insulated Pliers

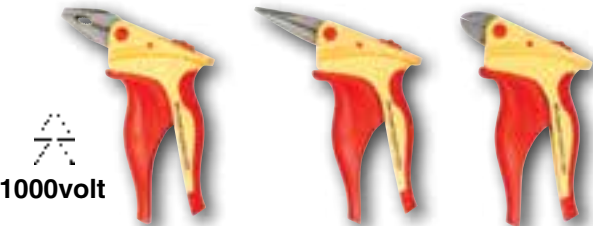


Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel

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



1000volt

WH32850

WH32852

WH32854

WH32850 Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 volt.

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

Item	Cutting Capacity		Pkg. lbs.	
No.	mm	Inch	Copper AWG	
WH32850	180	7.0	#6	1 .46

WH32852 Inomic Long Nose Pliers

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

WH32854 Inomic Diagonal Cutters

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

Insulation Standards:

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

1000Volt



WH32859 3 Pc. Insulated Inomic Pliers/Cutters Set

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

Three Holsters Included

Item#	WH32859	Set Includes:	lbs.
32850	-	Combo Pliers	1.45
32852	-	Long Nose Pliers	
91230	-	Inomic Holster (Includes 3)	

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



Holds any Inomic Pliers

WH91230 Inomic Canvas Holster

Item	Width	Height	lbs.	pkg.
No.	Size	Size		
WH91230	4.0	x 4.5	.05	1

Insulated Water Pump Pliers



1000volt

WH32954 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		Pkg. wt.	
No.	mm	Inch	Round	Hex
WH32954	250	10.0	1 3/4	2

Insulated Push Button Water Pump Pliers



1000volt

WH32956 Insulated Industrial Push Button Water Pump Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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		Pkg. wt.	
No.	mm	Inch	Round	Hex
WH32956	250	10.0	1 3/4	2"

Insulated Industrial Pliers & Cutters

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

10,000 Volt tested
1000 Volt Rated

Industrial brushed finish

Induction hardened jaws and cutters to 64 HRC

Ergo comfort grip with slip guard

Two component ergo cushion grip handles

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



Insulated High Leverage Diagonal Cutters

.. 1000volt



WH32939

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

Insulated Lineman's Pliers With Crimpers

64HRC cutting edges



Long life high performance dynamic 60/40 joint

.. 1000volt

WH32917

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

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

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

Insulated Diagonal Cutters

.. 1000volt



Long life high performance dynamic 60/40 joint

WH329

Insulated Industrial 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. 64HRC. Special tool steel hardened & tempered. For soft, medium hard wire & piano wire.

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

Insulated Long Nose Pliers With Cutters

.. 1000volt



WH329

Insulated Industrial Long Nose Pliers With Cutters.

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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	mm	Inch	Cutting Capacity Copper AWG	Pkg.	wt.
No.					
WH32926	160	6.3	#10	1	.36
WH32923	200	8.0	#8	1	.46

Insulated Stripping Pliers

.. 1000volt



WH32947

Insulated Industrial Stripping Pliers. Insulation

According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, 1000 volt 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	mm	Inch	Stripping Capacity Copper AWG	Pkg.	wt.
No.					
WH32947	160	6.3	#8 - #28	1	.46

Insulated Combo Pliers With Dynamic Joint

.. 1000volt







Long life high performance dynamic 60/40 joint

WH32930 Insulated Industrial High Leverage Combination Pliers.

Insulation According to EN/IEC 60900, ASTM F-1505, 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.
WH32930	200	8.0	#4	1	.92

Insulated TriCut Strippers & Cutters





.. 1000volt



WH32944 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.	
WH32944	170	6.7	#6	1	.58	

Insulated Heavy Duty Cable Cutters







.. 1000volt



WH32927 Insulated Industrial Serrated Edge Cable Cutters.

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, 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.
WH32927	200	8.0	20	60	1	.78

Insulated Crimpers







.. 1000volt



WH32945 Insulated Industrial Crimping Pliers. Insulation

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

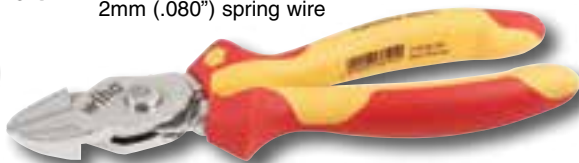
Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. Crimps 6 - 30 AWG Connectors.

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

Insulated BiCut SuperCut

.. 1000volt


Cutting capacity up to 2mm (.080") spring wire



- 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

WH32936 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.
WH32936	200	8.0	1	.78

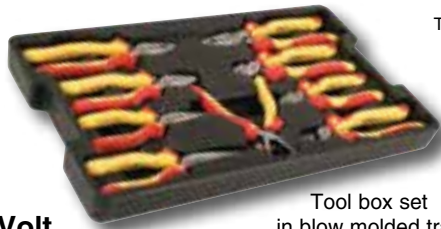
Wiha Insulated Industrial Tool Sets



WH32982 3 Pc. Insulated Industrial Pliers/Cutters & Voltage Detector

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

WH32982 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

1000Volt

Tool box set in blow molded tray

WH32999 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
WH32999	6.3" Long Nose Pliers	8.0" Cable Cutters
	8.0" Long Nose Pliers	6.3" Stripping Pliers
lbs.	6.3" Diagonal Cutters	7.0" Crimping Pliers
6.34	8.0" Diagonal Cutters	

In Belt Pack Pouch




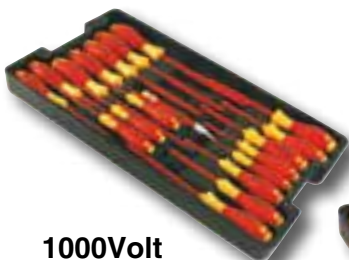
Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards

1000Volt

WH32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers

Item No. Insulated Pliers/Cutters & Screwdrivers

WH32985 8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters
Insulated Drivers: Slotted: 3.0, 4.5mm • Phillips: #1, #2
 lbs. 2.30



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

1000Volt

Tool box set in blow molded trays



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


Individually Tested



1000Volt

WH32981 3 Pc. Insulated Industrial Pliers & Cutters

Item No. Insulated Pliers & Cutters

WH32981 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters
 lbs. 2.18



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


Individually Tested



1000Volt

WH32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers

Item No. Insulated Diagonal Cutters & Screwdrivers

WH32983 6.3"/160mm Diagonal Cutter
Insulated Drivers: Slotted: 3.0, 4.5mm • Phillips: #1, #2
 lbs. 1.17



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


Individually Tested

1000Volt



WH32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers

Item No. Insulated Combination Pliers & Screwdrivers


WH32984 8.0" Combination Pliers & 8" Long Nose Pliers
Drivers: Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2
 lbs. 2.06

Wiha Insulated Tool Tray Sets

WH32989 28 Piece Insulated Industrial Pliers & Cutters Set

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

Item No. Set Includes:

WH32989	9.0" Lineman's Pliers	 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




WH32986 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# WH32986 Set Includes:  lbs. 3.62
 6.3" Long Nose Pliers 6.3" Diagonal Cutters
 8.0" Combination Pliers 6.3" Stripping Pliers
 Insulated Slotted: 3.0, 4.5, 5.5mm
 Insulated Phillips: #1, #2 Insulated Square: #1, #2

In Roll
Out
Pouch



1000Volt




WH32987 8 Pc. Pliers & Cutters Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, up to 1000 volt. Individually Tested. In Roll Out Pouch
Item# WH32987 Set Includes:  lbs. 5.52
 6.3" Long Nose Pliers 6.3" Diagonal Cutters
 8.0" Long Nose Pliers 8.0" H.D. Diagonal Cutters
 9.0" Lineman's w/Cutters 6.3" Stripping Pliers
 8.0" Cable Cutters 7.0" Crimpers

1000Volt




In Roll
Out
Pouches



WH32988 22 Pc. Pliers & Cutters Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505, NFPA70E, up to 1000 volt. Individually Tested. In Roll Out Pouches
Item# WH32988 Set Includes:  lbs. 5.74
 8.0" Long Nose Pliers 6.3" Diagonal Cutters
 9.0" Lineman's w/Cutters 8.0" H.D. Diagonal Cutters
 8.0" Cable Cutters 6.3" Stripping Pliers
 7.0" Crimping Pliers
 15 Pc. *SlimLine* Blade Set includes: Insulated *SlimLine* Blade Holder
 Slotted: 3.0, 4.0, 5.5, 6.5 Phillips: #1, #2 Xeno: #1, #2
TORX: T8, T10, T15, T20 Square: #1, #2

1000Volt




WH32973 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# WH32973 Set Includes:  lbs. 8.70
 9.0" Linemans Pliers W/Cutters 8.0" Long Nose Pliers W/Cutter
 8.0" Diagonal Cutters 50mm Cable Stripping Knife
 Insulated Slim Phillips #1, 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



WH32390 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# WH32390 Set Includes:  lbs. 6.30
 8.0" Linemans Pliers 6.3" Long Nose Pliers W/Cutter
 8.0" Long Nose Pliers W/Cutter 6.3" Diagonal Cutter
 8.0" High Leverage Cutter
 Insulated Phillips #0, 1, 2 Insulated Slotted 3.0, 4.5, 6.5mm

1000Volt

WH32399 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# WH32399 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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Insulation Test



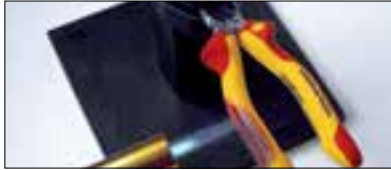
Cold Impact Test



Material Integrity Test



Puncture Test



Flame Resistance Test



Adhesion Test

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version - 7/1/15



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