



M

Insulated Tool

NEV Repair Tool Set	132-133
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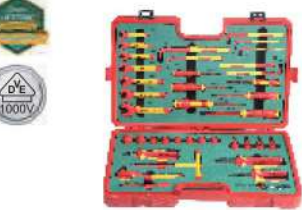
AE4012 39pc NEV Power System Maintenance Set

- 1Pc. 63MM series VDE insulated quick-release ratchet wrench 145MM
- 1Pc. 63MM series VDE insulated steering extension bar 75MM
- 1Pc. 63MM series VDE insulated hexagon socket 7MM
- 1Pc. 63MM series VDE insulated hexagon socket 8MM
- 1Pc. 63MM series VDE insulated hexagon socket 10MM
- 1Pc. 63MM series VDE insulated hexagon bits socket 3MM
- 1Pc. 63MM series VDE insulated hexagon bits socket 5MM
- 1Pc. 63MM series VDE insulated hexagon bits socket 6MM
- 1Pc. 63MM series VDE insulated hexagon bits socket 8MM
- 1Pc. 63MM series VDE insulated torx bits socket T20
- 1Pc. 63MM series VDE insulated torx bits socket T25
- 1Pc. 63MM series VDE insulated torx bits socket T27
- 1Pc. 63MM series VDE insulated torx bits socket T30
- 1Pc. 10MM series VDE insulated quick-release ratchet wrench 200MM
- 1Pc. 10MM series VDE insulated steering connector 125MM
- 1Pc. 10MM series VDE insulated hexagon socket 8MM
- 1Pc. 10MM series VDE insulated hexagon socket 10MM
- 1Pc. 10MM series VDE insulated hexagon socket 12MM
- 1Pc. 10MM series VDE insulated hexagon socket 13MM
- 1Pc. 10MM series VDE insulated hexagon socket 14MM
- 1Pc. 10MM series VDE insulated hexagon bits socket 4MM
- 1Pc. 10MM series VDE insulated hexagon bits socket 5MM
- 1Pc. 10MM series VDE insulated hexagon bits socket 6MM
- 1Pc. 10MM series VDE insulated hexagon bits socket 8MM
- 1Pc. 10MM series VDE insulated torx bits socket T20
- 1Pc. 10MM series VDE insulated torx bits socket T25
- 1Pc. 10MM series VDE insulated torx bits socket T27
- 1Pc. 10MM series VDE insulated torx bits socket T30
- 1Pc. T-Series cross insulated screwdriver with dual-color handle #2x100MM
- 1Pc. T-Series slotted insulated screwdriver with dual-color handle 5.5 x 125MM
- 1Pc. VDE insulated and voltage withstand diagonal pliers 7"
- 1Pc. Straight-blade VDE wire stripping pliers
- 1Pc. 3/8" series VDE insulated torque wrench 10-50Nm
- 1Pc. Insulated fitter hammer
- 1Pc. Insulated suction wand
- 1Pc. Insulation crow plate
- 1Pc. Voltage testing pen
- 1Pc. Hand-held insulation resistance tester
- 1Pc. True RMS AC-DC clamp meter

- This set is mainly used in the detection and maintenance of the motor, power battery and electric control system of NEVs.
- The set includes a voltage test pen, a hand-held insulation resistance tester and a true RMS AC-DC clamp meter
- Necessary instruments for testing the motor, power battery and electric control system, and the insulation tools for disassembling and assembling of the high-voltage system and the battery pack.
- Reasonable configuration to meet the requirements of the motor, power battery and electric control system of the NEV
- Insulation tools comply with the IEC60900 standard. VDE-GS certified

No.			
AE4012	-	1	6.5

▲ Warranty terms of tool set comply with the individual product.



09933 39pc NEV Repair Tool Set

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,17,19mm)
- 1Pc. 3/8" Dr. VDE Insulated T-shaped Handle 200mm
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 125mm
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 4Pc. 3/8" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8mm)
- 7Pc. VDE Insulated Open End Wrench (7,8,10,12,13,14,17mm)
- 3Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0"60, #1"80, #2"100mm)
- 3Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5"75, 4"100, 5.5"125mm)
- 1Pc. G-Series VDE Insulated Circuit Tester 3"70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 7Pc. VDE Insulated Torx® Hex Key (T10, T15, T20, T25, T27, T30, T40)

No.			
09933	1	1	6.9

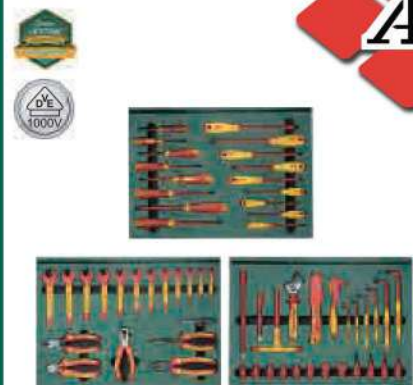


09928 68pc NEV Repair Tool Set

* Applicable to tool trolley 95125 (tool trolley not included)

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,16,17,18mm)
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 125mm
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 250mm
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 1Pc. 1/2" Dr. VDE Insulated Quick-Release Ratchets 250mm
- 1Pc. 1/2" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 1/2" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 11Pc. 1/2" Dr. VDE Insulated 6-Point Socket (10,11,12,13,14,15,16,17,19,21,22,24mm)
- 5Pc. 1/2" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8,10mm)
- 13Pc. VDE Insulated Open End Wrench (8,10,12,13,14,15,16,17,18,19,21,22,24mm)
- 1Pc. VDE Insulated Box Wrench (8,10,12,13,14,15,16,17,18,19,21,22,24mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 3Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0"60, #1"80, #2"100mm)
- 3Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5"75, 4"100, 5.5"125mm)
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 8"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 7"
- 1Pc. Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Protected-Type VDE Insulated Cable Stripper

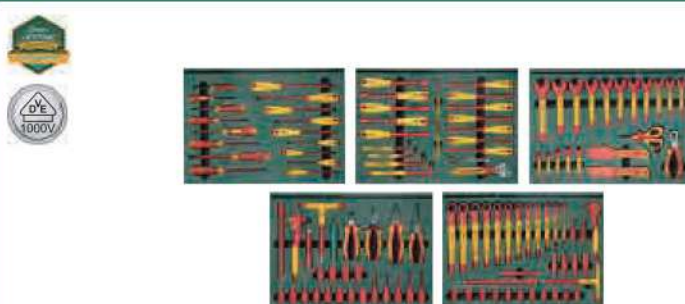
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09928	1	1	10



09935 59pc NEV Repair Tool Set

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,17,19,22mm)
- 1Pc. 3/8" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 4Pc. 3/8" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8mm)
- 12Pc. VDE Insulated Open End Wrench (6,7,8,10,12,13,14,15,16,17,18,19mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 4Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0"60, #1"80, #2"100, #3"150mm)
- 4Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5"75, 4"100, 5.5"125, 6.5"150mm)
- 9Pc. VDE Insulated Torx® Screwdriver (T8, T10, T15, T20, T25, T27, T30, T40, T45)
- 1Pc. G-Series VDE Insulated Circuit Tester 3"70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 8"
- 1Pc. VDE Insulated Voltage-Withstanding End Cutting Nippers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Insulated Voltage-Withstanding Cable Nippers 6"
- 6Pc. VDE Insulated Hex Key (2.5, 3, 4, 5, 6, 8mm)
- 1Pc. Straight-Blade VDE Insulated Cable Stripper

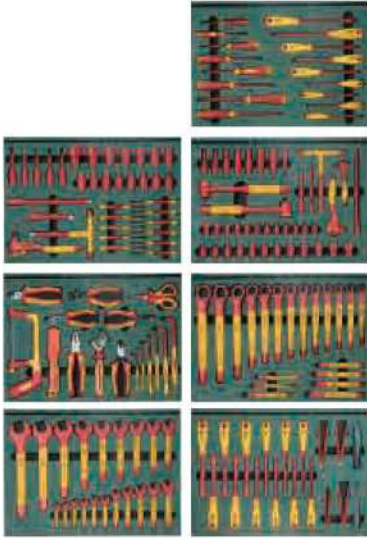
No.			
09935	1	1	7.8



09936 116pc NEV Repair Tool Set

- 11Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,16,17,18,19,21,22mm)
- 6Pc. 3/8" Dr. VDE Insulated Long 6-Point Socket (8,10,12,14,15,17mm)
- 1Pc. 3/8" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 1Pc. 1/2" Dr. VDE Insulated Quick-Release Ratchets 250mm
- 1Pc. 1/2" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 1/2" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 12Pc. 1/2" Dr. VDE Insulated 6-Point Socket (10,11,12,13,14,16,17,18,19,21,22,24mm)
- 5Pc. 1/2" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8,10mm)
- 16Pc. VDE Insulated Open End Wrench (6,7,8,10,11,12,13,14,15,16,17,18,19,21,22,24mm)
- 12Pc. VDE Insulated Box Wrench (6,8,10,12,13,14,16,17,18,19,21,22mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 4Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0"60, #1"80, #2"100, #3"150mm)
- 4Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5"75, 4"100, 5.5"125, 6.5"150mm)
- 12Pc. VDE Insulated Nutdriver (4.0"125, 5.0"125, 5.5"125, 6.0"125, 7.0"125, 8.0"125, 9.0"125, 10"125, 11"125, 12"125, 13"125, 14"125mm)
- 9Pc. VDE Insulated Torx® Screwdriver (T8, T10, T15, T20, T25, T27, T30, T40, T45)
- 1Pc. Non-Contact Circuit Tester
- 1Pc. G-Series VDE Insulated Circuit Tester 3"70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 8"
- 1Pc. VDE Insulated Voltage-Withstanding End Cutting Nippers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Insulated Voltage-Withstanding Cable Nippers 6"
- 6Pc. VDE Insulated Hex Key (2.5, 3, 4, 5, 6, 8mm)
- 1Pc. VDE Insulated Electrician's Scissors 150mm
- 1Pc. Protective VDE Insulated Cable Stripper
- 1Pc. Straight-Blade VDE Insulated Cable Stripper

No.			
09936	1	1	16.3

**09937 166Pc. NEV Repair Tool Set**

- 12Pc. 1/4" Dr. VDE Insulated 6-Point Socket (4,5,5.5,6,7,8,9,10,11,12,13,14mm)
- 1Pc. 1/4" Dr. VDE Insulated Quick-Release Ratchets
- 2Pc. 1/4" Dr. VDE Insulated Drive Wobble Extensions (75,150mm)
- 12Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,11,12,13,14,16,17,18,19,21,22mm)
- 7Pc. 3/8" Dr. VDE Insulated Long 12-Point Socket (8,10,12,14,15,17,19mm)
- 1Pc. 3/8" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 1Pc. 1/2" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 1/2" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 15Pc. 1/2" Dr. VDE Insulated 6-Point Socket (10,11,12,13,14,16,17,18,19,21,22,24,27,30,32mm)
- 5Pc. 1/2" Dr. 6-Point Screwdriver Socket (4mmx120mm,5mmx120mm,6mmx120mm,8mmx120mm,10mmx120mm)
- 20Pc. VDE Insulated Open End Wrench (6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32mm)
- 20Pc. VDE Insulated Box Wrench (6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 4Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0,50,1/8",#2,100,3/8",150mm)
- 4Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5,7,5,4,10,5.5,12.5,6.5,150mm)
- 12Pc. VDE Insulated Nutdriver (4.0,12.5,5.0,12.5,5.5,12.5,6.0,12.5,7.0,12.5,8.0,12.5,9.0,12.5,10,12.5,11,12.5,12,12.5,13,12.5,14,12.5mm)
- 9Pc. VDE Insulated Torx® Screwdriver (T8,T10,T15,T20,T25,T27,T30,T40,T45)
- 1Pc. Non-Contact Circuit Tester
- 1Pc. G-Series VDE Insulated Circuit Tester 370mm
- 3Pc. VDE Insulated Slotted Precision Screwdriver with Two-Tone Handle (1.5,0.23,50,1.8,0.30,50,2.0,0.40,50mm)
- 3Pc. VDE Insulated Phillips Precision Screwdriver with Two-Tone Handle (PH00,50,PH0,50,PH1,50mm)
- 5Pc. VDE Insulated Torx® Precision Screwdriver with Two-Tone Handle (T6,50,T8,50,T10,50,T15,50,T20,50mm)
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding End Cutting Nippers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Insulated Voltage-Withstanding Bent Nose Pliers 6"
- 1Pc. Insulated Voltage-Withstanding Cable Nippers 6"
- 6Pc. VDE Insulated Hex Key (2.5,3,4,5,6,8mm)
- 1Pc. Injection-Molded Two-Tone Insulated Saw Frame 150mm
- 1Pc. VDE Insulated Electrician's Scissors 150mm
- 1Pc. Straight-Blade VDE Insulated Cable Stripper
- 1Pc. 1/4" Series Insulated Torque Wrench 5-25Nm
- 1Pc. 3/8" series Insulated Torque Wrench 10-50Nm
- 1Pc. Injection-Molded Two-Tone VDE Insulated Fine Pointed Tips Tweezers 134mm
- 1Pc. Injection-Molded Two-Tone VDE Insulated Pointed Tips Tweezers, Inside Serrated 160mm
- 1Pc. Injection-Molded Two-Tone VDE Insulated Curved Pointed Tips Tweezers, Inside Serrated 159mm
- 1Pc. Injection-Molded Two-Tone VDE Insulated Flat Round Tips Tweezers, Inside Serrated 145mm

No.	Spec.	Box	Box	Box
09937	1	1	234	

**09267 20Pc. 1/2" Dr. VDE Socket Set**

- 11Pc. 1/2" Dr. 6-Point Socket (10,11,12,13,14,17,19,22,24,27,32mm)
- 1Pc. 1/2" Dr. Professional Quick-Release Ratchets 250mm
- 1Pc. 1/2" Dr. Professional T-Shaped Handle 200mm
- 1Pc. 1/2" Dr. Professional Extension 125mm
- 1Pc. 1/2" Dr. Professional Extension 250mm
- 5Pc. 1/2" Dr. Hex Bits Socket (4,5,6,8,10mm)
- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Passed impact test, insulation layer adhesion test for safety and reliability
- Passed high and low temperature test with low temperature resistance of up to -40 degrees Celsius

No.	Spec.	Box	Box	Box
09267	1/2"	-	2	8.7

▲ Excluded from lifetime warranty terms.

**09268 16Pc. 3/8" Dr. VDE Socket Set**

- 8Pc. 3/8" Dr. 6-Point Socket (8,10,12,13,14,17,19,22mm)
- 1Pc. 3/8" Dr. Professional Quick-Release Ratchets 200mm
- 1Pc. 3/8" Dr. Professional T-Shaped Handle 200mm
- 1Pc. 3/8" Dr. Professional Extension 150mm
- 1Pc. 3/8" Dr. Professional Extension 250mm
- 4Pc. 3/8" Dr. Hex Bits Socket (4,5,6,8mm)
- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Passed impact test, insulation layer adhesion test for safety and reliability
- Passed high and low temperature test with low temperature resistance of up to -40 degrees Celsius

No.	Spec.	Box	Box	Box
09268	3/8"	-	2	4.6

▲ Excluded from lifetime warranty terms.

**AE9101 20pc NEV VDE Tool Set**

- Meet the most basic needs of NEV maintenance for insulation tools
- Blow box easy to carry
- Comply with requirements of JT/T 1344-2020 for insulating tools
- Insulation tools comply with IEC/EN 60900 standards, and has passed the German VDE certification

No.	Spec.	Box	Box	Box
AE9101	10	1	1	2.9

▲ Warranty terms of tool set comply with the individual product.

**AE9102 39pc NEV VDE Tool Set**

- Meet the most basic needs of NEV maintenance for insulation tools
- Blow box easy to carry
- Comply with requirements of JT/T 1344-2020 for insulating tools
- Insulation tools comply with IEC/EN 60900 standards, and has passed the German VDE certification

No.	Spec. (mm)	Box	Box	Box
AE9102	10	1	1	5.7

▲ Warranty terms of tool set comply with the individual product.

**1/4" Dr. 6Pt. VDE Socket**

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)	Box	Box	Box
11504	4	42	12	192	2.5
11505	5	42	12	192	2.8
11515	5.5	42	12	192	2.8
11506	6	42	12	192	3
11507	7	42	12	192	3
11508	8	42	12	192	3
11509	9	42	12	192	3.4
11510	10	42	12	192	3.5
11511	11	42	12	144	4.5
11512	12	42	12	144	4.5
11513	13	42	12	144	4.5
11514	14	42	12	144	5.5

**1/4" Dr. 6Pt. VDE Bit Socket, Hexagon**

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Hexagonal bit made of S2 material
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)	Box	Box	Box
11523	3	66	6	108	2.6
11524	4	66	6	108	2.6
11525	5	66	6	108	2.6
11526	6	66	6	108	2.9
11528	8	66	6	108	3



1/4" Dr. VDE Extension Bar

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
11982	75	91	6	108	6
11983	150	166	6	72	4



3/8" Dr. VDE Extension Bar

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
12941	125	141	18	72	11.1
12942	250	266	12	48	14



1/2" Dr. 6Pt. VDE Socket

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
14010	10	55	12	144	9.6
14011	11	55	12	144	9.6
14012	12	55	12	144	9.6
14013	13	55	12	144	9.6
14014	14	55	12	144	9.6
14016	16	55	12	144	9.6
14017	17	55	12	144	11.1
14018	18	55	12	144	11.1
14019	19	55	12	144	11.1
14021	21	55	10	120	10.7
14022	22	55	10	120	11.9
14024	24	55	10	120	11.9
14027	27	55	6	72	10.4
14030	30	55	6	72	11.9
14032	32	55	6	72	11.9



3/8" Dr. 6Pt. VDE Socket

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
12508	8	45	7	126	4.8
12510	10	45	7	126	4.8
12511	11	45	7	126	4.8
12512	12	45	7	126	4.8
12513	13	45	7	126	6
12514	14	45	7	126	6
12516	16	45	7	126	6
12517	17	45	5	90	6
12518	18	45	5	90	4.6
12519	19	47	5	90	5.5
12521	21	47	5	90	6.5
12522	22	47	4	72	6.6



3/8" Dr. VDE Bit Socket, Hexagon

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Hexagonal bit made of S2 material
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
22704	4.0	77	12	144	8.5
22705	5.0	77	12	144	9
22706	6.0	77	12	144	9
22708	8.0	77	12	144	9



1/2" Dr. VDE Bit Socket, Hexagon

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
24404	4x120	120	18	144	16.8
24405	5x120	120	18	144	16.8
24406	6x120	120	18	144	16.8
24408	8x120	120	18	144	16.8
24410	10x120	120	18	144	18.3



3/8" Dr. 12Pt. VDE Deep Socket

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant chrome-plated surface for rust protection

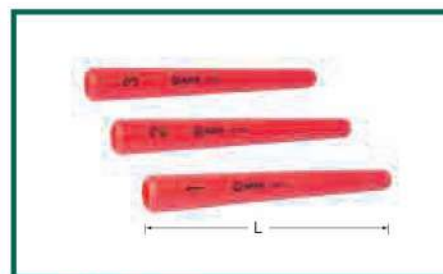
No.	Spec. (mm)	L(mm)			
12538	8	80	12	144	7.5
12540	10	80	12	144	9
12542	12	80	12	144	11.5
12544	14	80	12	144	12.5
12545	15	80	12	144	12.5
12547	17	80	8	96	9.9
12549	19	80	8	96	11
12552	22	80	6	72	10



1/2" Dr. VDE Extension Bar

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
12985	125	141	6	72	17.6
12986	250	266	8	32	15.1



Insulated Cord Sleeve

- Impregnated insulation layer meeting VDE680 standard
- Three specifications printed for distinguishing

No.	Spec.	L(mm)			
93491	1#	100	5	90	1
93492	2#	100	5	90	1
93493	3#	100	5	90	1

▲ Excluded from lifetime warranty terms.



Insulated Self-Gripping Cord Sleeve

- Impregnated insulation layer meeting VDE680 standard
- Cross card slot provided

No.	Spec.	L(mm)			
93494	10	80	5	90	1.5
93495	20	100	5	90	2.5
93496	30	110	5	90	4

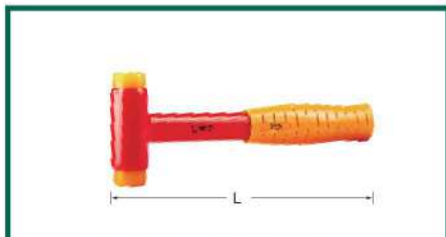
▲ Excluded from lifetime warranty terms.



93480 VDE Electricians Insulated Tape

No.	Thickness(mm)	Length(mm)	L(mm)			
93480	0.15	10	71	20	240	13

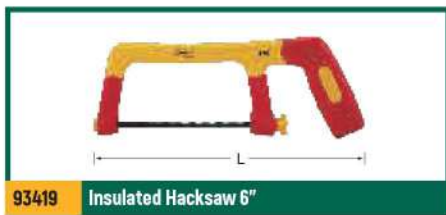
▲ Excluded from lifetime warranty terms.



92801 Insulated Dead Blow Hammer

No.	L(mm)			
92801	310	4	24	18

▲ Excluded from lifetime warranty terms.



93419 Insulated Hacksaw 6"

- Socket handle insulation meeting EN/IEC 60900 standard
- Firm and durable metal saw frame
- Screw tightening structure, facilitating saw blade replacement

No.	Spec. (mm)	L(mm)			
93419	150	275	8	48	25

▲ Excluded from lifetime warranty terms.



03181 VDE Fine Pointed Tips Tweezers 134mm

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

No.	Spec. (mm)			
03181	134	12	288	10



03182 VDE Pointed Tips Tweezers, Inside Serrated 160mm

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

No.	Spec. (mm)			
03182	160	12	288	13



03183 VDE Curved Pointed Tips Tweezers, Inside Serrated 159mm

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

No.	Spec. (mm)			
03183	159	12	288	13



03184 VDE Flat Round Tips Tweezers, Inside Serrated 145mm

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

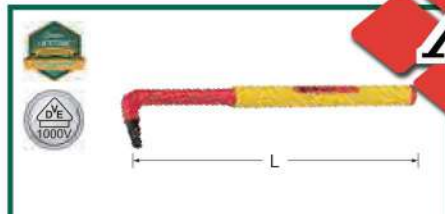
No.	Spec. (mm)			
03184	145	12	288	13



VDE Hex Key

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of S2 material and subjected to heat treatment
- Blackened surface for high rust protection

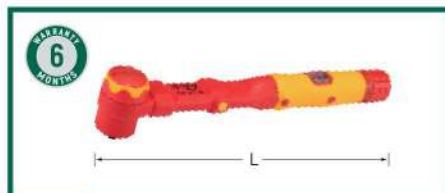
No.	Spec. (mm)	L(mm)			
80402	2.5	134	20	400	72
80403	3	134	20	400	72
80404	4	170	10	200	117
80405	5	170	10	200	117
80406	6	215	10	120	20.3
80408	8	215	10	120	20.6



VDE Torx® Wrench

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of S2 material and subjected to heat treatment
- Blackened surface for high rust protection

No.	Spec.	L(mm)			
84801	T10	134	20	200	4
84802	T15	134	20	200	4
84803	T20	170	10	200	12.5
84804	T25	170	10	200	12.5
84805	T27	170	10	200	12.6
84806	T30	170	10	240	13.9
84807	T40	215	10	120	20.2
84808	T45	215	10	160	26.9
84809	T50	215	10	80	13.9



96610 1/4" Dr. Insulated Torque Wrench 5-25N.m

- Tested to 10,000 volts, meeting IEC/EN 60900 standard
- Forward torque accuracy: +/-4%

No.	Spec. (Nm)	L(mm)			
96610	5-25	285	1	12	6.5

▲ 6-month warranty, insulation layer is not included in the warranty scope.

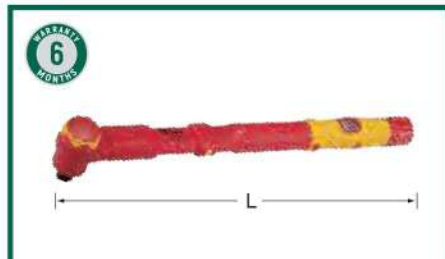


3/8" Dr. VDE Torque Wrench

- Tested to 10,000 volts, meeting IEC/EN 60900 standard
- Forward torque accuracy: +/-4%

No.	Spec. (Nm)	L(mm)			
96611	5-25	285	1	12	6.5
96612	10-50	285	1	12	6.5
96614	20-100	390	1	12	15

▲ 6-month warranty, insulation layer is not included in the warranty scope.



1/2" Dr. Insulated Torque Wrench

- Tested to 10,000 volts, meeting IEC/EN 60900 standard
- Forward torque accuracy: +/-4%

No.	Spec. (Nm)	L(mm)			
96613	10-50	285	1	12	6.6
96615	20-100	390	1	12	10
96616	40-200	560	1	6	11

▲ 6-month warranty, insulation layer is not included in the warranty scope.



11981 1/4" Dr. VDE Quick Release Ratchet

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Turning with only one hand for effortlessness
- Capable of quick release, requiring only one hand for operation

No.	L(mm)			
11981	145		6	72 13



12982 3/8" Dr. VDE Quick Release Ratchet

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Turning with only one hand for effortlessness
- Capable of quick release, requiring only one hand for operation
- Made of Cr-V material and subjected to heat treatment

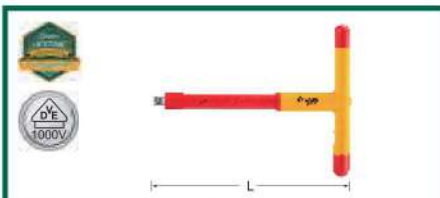
No.	L(mm)			
12982	200		6	48 18.3



12983 1/2" Dr. VDE Quick Release Ratchet

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Turning with only one hand for effortlessness
- Capable of quick release, requiring only one hand for operation
- Made of Cr-V material and subjected to heat treatment

No.	L(mm)			
12983	250		6	36 25.5



12940 3/8" Dr. VDE T-Handle 8"

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	L(mm)			
12940	200		4	32 12.5



12984 1/2" Dr. VDE T-Handle 10"

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V material and subjected to heat treatment
- Elegant chrome-plated surface for rust protection

No.	L(mm)			
12984	200		4	32 19.6



VDE Open End Wrench

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Forged with Cr-V material with high strength
- Elegant chrome-plated surface for rust protection

No.	Spec. (mm)	L(mm)			
41306	6	90	6	108	3.2
41307	7	90	6	108	3.2
41308	8	100	6	108	4.2
41309	9	100	6	108	5.3
41310	10	110	6	108	5.3
41311	11	110	6	108	5.3
41312	12	130	6	108	6.4
41313	13	135	6	72	8.6
41314	14	145	6	72	6.8
41315	15	150	6	72	7.5
41316	16	160	6	72	8.2
41317	17	160	6	72	8.9
41318	18	175	6	72	10.4
41319	19	175	6	72	11.8
41321	21	195	6	72	14
41322	22	195	6	72	15.5
41324	24	225	6	72	20.5
41327	27	250	4	60	21.5
41330	30	290	4	48	21
41332	32	310	4	48	26



VDE Box End Wrench

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Forged with Cr-V material with high strength
- Elegant chrome-plated surface for rust protection

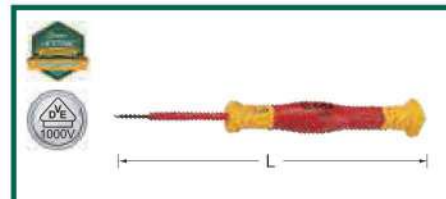
No.	Spec. (mm)	L(mm)			
42406	6	150	6	126	7.3
42407	7	150	6	126	7.3
42408	8	155	6	126	9.8
42409	9	155	6	90	9.8
42410	10	170	6	90	9.1
42411	11	170	6	90	10
42412	12	190	6	90	12.7
42413	13	190	6	90	12.7
42414	14	205	6	90	15.4
42415	15	205	6	90	15.4
42416	16	215	6	90	18.1
42417	17	215	6	90	18.1
42418	18	230	6	90	22.6
42419	19	230	6	90	22.6
42421	21	245	6	48	16.4
42422	22	245	6	48	16.4
42424	24	265	6	48	19.2
42427	27	290	4	40	18.2
42430	30	310	4	40	21.4
42432	32	310	4	40	23



VDE Adjustable Wrench

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Handle made from imported two-tone material, being elegant, oil-resistance and scratch-proofing
- Forged with alloy steel, with chrome-plated surface for strong rust protection

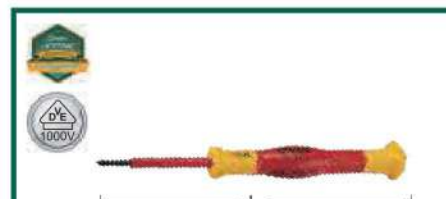
No.	Spec.	L(mm)			
47101	6"	163	6	48	9
47102	8"	215	6	48	15.9
47103	10"	260	6	36	21.6
47104	12"	312	6	24	18.5



VDE Precision Screwdriver, Slotted

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of S2 material with high strength

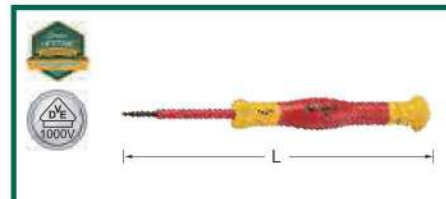
No.	Spec.	L(mm)			
63301	1.5x0.23x50	145	12	144	2
63302	1.8x0.30x50	145	12	144	2
63303	2x0.40x50	145	12	144	2
63304	2.5x0.40x50	145	12	144	2
63305	3x0.50x50	145	12	144	2



VDE Precision Screwdriver, Phillips

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of S2 material with high strength

No.	Spec.	L(mm)			
63801	PH00x50	145	12	144	2
63802	PH0x50	145	12	144	2
63803	PH1x50	145	12	144	2



VDE Precision Screwdriver, Torx®

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of S2 material with high strength

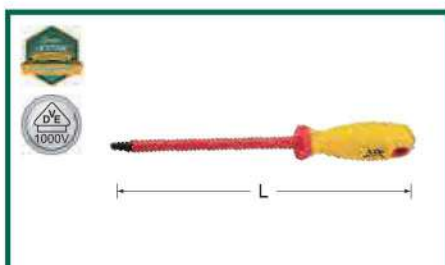
No.	Spec.	L(mm)			
63901	T6x50	145	1	1	2
63902	T8x50	145	12	144	2
63903	T10x50	145	12	144	2
63904	T15x50	145	12	144	2
63905	T20x50	145	12	144	2



09318 7Pc. VDE Precision Screwdriver Set

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of S2 material with high strength

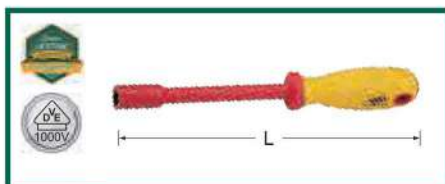
No.	Spec. (mm)			
09318	Slotted: 1.5x50, 1.8x50, 2.0x50, 2.5x50, 3.0x50 Phillips: PH0x50, PH00x50	6	72	24



VDE Screwdriver, Torx®

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of S2 material and subjected to heat treatment
- Blackened surface for high rust protection

No.	Spec.	L(mm)			
61801	T8	181	10	100	4.3
61802	T10	181	10	100	4.3
61803	T15	181	10	100	4.5
61804	T20	181	10	100	4.8
61805	T25	231	10	100	9.2
61806	T27	231	10	100	9.2
61807	T30	256	10	100	11
61808	T40	291	10	100	16
61809	T45	291	10	100	16



VDE Nutdriver

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant blackened surface for rust protection

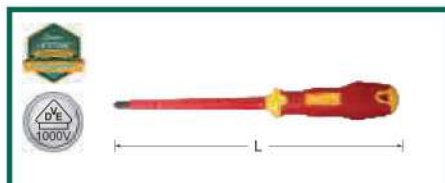
No.	Spec.	L(mm)			
61404	4.0x125	231	10	100	9
61405	5.0x125	231	10	100	9.2
61415	5.5x125	231	10	100	9.5
61406	6.0x125	231	10	100	9.5
61407	7.0x125	231	10	100	11
61408	8.0x125	231	10	100	11
61409	9.0x125	231	10	100	11
61410	10x125	241	10	100	15.5
61411	11x125	241	10	100	16
61412	12x125	241	10	100	16.4
61413	13x125	241	10	100	16.7
61414	14x125	241	10	100	17.1



62707 VDE Circuit Tester

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of Cr-V via cold extrusion
- Elegant blackened surface for rust protection

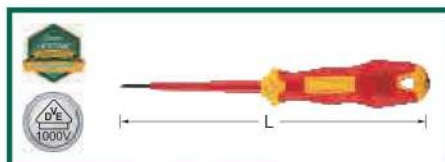
No.			
62707	10	240	6.5



T Series VDE Screwdriver, Phillips

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of imported S2 material and subjected to heat treatment with phosphated head for accurate function and dimension
- Triangular handle made with imported two-tone material for big torque output, comfort, strong oil resistance and scratch proofing

No.	Spec.	L(mm)	Rod Diameter (mm)			
61221	#0x60	151	3	12	48	1.9
61222	#1x80	191	4.5	12	48	3.6
61223	#2x100	225	6	12	48	5.3
61224	#3x150	285	8	6	24	4.9



T Series VDE Screwdriver, Phillips

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Shank made of imported S2 material and subjected to heat treatment with phosphated head for accurate function and dimension
- Triangular handle made with imported two-tone material for big torque output, comfort, strong oil resistance and scratch proofing

No.	Spec.	L(mm)	Rod Diameter (mm)			
61321	2.5x75	165	2.5	12	48	1.9
61322	3x100	190	3	12	48	2.2
61323	4x100	211	4	12	48	3.6
61324	5.5x125	250	5.5	12	48	5.5
61325	6.5x150	275	6.5	12	48	6.5



09303 7Pc. T Series VDE Screwdriver Set

- The imported S2 steel
- Shank has been subject to overall heat
- Treatment and proved by strict 10000V
- Insulation withstand voltage test. Handle made of special material, ensuring good skid and
- Scratch resistance and higher oil resistance.

No.	Spec.			
09303	VDE Slotted: 2.5x75mm, 4.0x100mm, 5.5x125mm, 6.5x150mm VDE Phillips: #0x60mm, #1x80mm, #2x100mm	0	10	6.4



09262 9Pc. VDE Tool Set

- With VDE certification passed 1000V insulated test to meet standard EN90900:2004
- 100% passed 10000V insulated test within mass production
- Forged by 60Cr-V steel, the pliers offers high strength and long lifecycle
- Nickel plated surface makes the pliers have high antirust feature
- Offering high cutting capacity to meet ASME standard:
Combination Pliers ASME B10720-2004
Long Nose Pliers ASME B1073-2003
Diagonal Pliers ASME B1071-2002
- Germany made VDE screwdrivers meet DIN standard: DIN7437 and DIN7438

No.	Spec.			
09262	G Series VDE Slotted: 2.5x75mm, 4x100mm, 5.5x125mm G Series VDE Phillips: #0x60mm, #1x80mm, #2x100mm VDE Combination Pliers 8" VDE Diagonal Pliers 6" VDE Long Nose Pliers 6"	-	4	5.5



09301A G Series 7Pc. VDE Screwdriver Set

- Made in Germany in accordance with EN/IEC 60900:
- 2004 to meet DIN standard: DIN7437, DIN7438

No.	Spec.			
09301A	VDE Slotted: 2.5x75mm, 4x100mm, 5.5x125mm, 6.5x150mm VDE Phillips: #0x60mm, #1x80mm, #2x100mm	-	4	2.4



09302 5Pc. VDE Screwdriver Set

- Made in Germany in accordance with EN/IEC 60900:
- 2004 to meet DIN standard: DIN7437, DIN7439

No.	Spec.			
09302	G Series VDE Slotted: 3x100mm, 5.5x125mm G Series VDE Phillips: #1x80mm, #2x100mm Circuit Tester 190mm	-	6	2.8

Made in Germany

G-series Three-Tone Shank (Insulated) Screwdriver

Handle coated with engineering plastics PP+ advanced elastomer TPR tricolor composite, feeling comfortable and soft

Ergonomic triangular handle for bigger output torque

3-layer injection structure for better impact resistance

Ergonomic Triangular Handle

Injection-molded label

Shank made of high-performance chrome-vanadium-molybdenum alloy steel, with good hardness and toughness, higher durability and longer service life

Function end subjected to special phosphating treatment for high accuracy



3.0, 5.5, 6.5 mm
#0, #1, #2
T15, T20

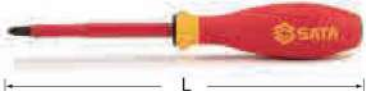


09304 10Pc. VDE Interchangeable Screwdriver Set

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Made of imported SVCM+ material and subjected to heat treatment for high toughness, brittleness resistance, and long service life
- Made with imported TPV anti-slip soft rubber for oil resistance, scratch proofing and skidding prevention
- Handle acting as a mini screwdriver handle, suitable for various workplaces

No.	Spec.			
09304	VDE Slotted: 3mm, 5.5mm, 6.5mm VDE Phillips: #0, #1, #2 VDE Torx®: T15, T20	6	24	12.3

▲ Except for the nylon bag, all other accessories come with a lifetime warranty.



G Series VDE Screwdriver, Phillips

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Handle coated with engineering plastics PP+ advanced elastomer TPR trichromatic composite, feeling comfortable and soft
- Injection-molded trademark, being elegant and firm
- Front of the handle designed with section to avoid tool rolling
- Shank made of high-performance chrome-vanadium-molybdenum alloy steel, with good hardness and toughness, higher durability and longer service life
- Function end subjected to special phosphating treatment for high accuracy

No.	Spec.	L(mm)	Rod Diameter (mm)			
61211	#0x60	165	3	10	240	11.6
61212	#1x80	185	4.5	10	140	8.5
61213	#2x100	215	6	10	100	10.6
61214	#3x150	275	8	10	80	24.9



G Series VDE Screwdriver, Slotted

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Handle coated with engineering plastics PP+ advanced elastomer TPR trichromatic composite, feeling comfortable and soft
- Injection-molded trademark, being elegant and firm
- Front of the handle designed with section to avoid tool rolling
- Shank made of high-performance chrome-vanadium-molybdenum alloy steel, with good hardness and toughness, higher durability and longer service life
- Function end subjected to special phosphating treatment for high accuracy

No.	Spec.	L(mm)	T(mm)	Rod Diameter (mm)			
61311	2.5x75	180	0.4	2.5	10	240	10.5
61312	3x100	205	0.5	3	10	240	12.3
61310	3.5x100	205	0.6	3.5	10	-	-
61313	4x100	205	0.8	4	10	140	8.3
61314	5.5x125	240	1	5.5	10	100	11.4
61315	6.5x150	265	1.2	6.5	10	100	13.4



09261 3Pc. VDE Pliers Set

- With VDE certification passed 1000V insulated test to meet standard EN90900:2004
- 100% passed 10000V insulated test within mass production
- Forged by 60Cr-V steel, the pliers offers high strength and long lifecycle
- Nickel plated surface makes the pliers have high antirust feature
- Offering high cutting capacity to meet ASME standard:

No.	Spec.			
09261	VDE Combination Pliers 8" VDE Long Nose Pliers 6" VDE Diagonal Pliers 6"	-	6	5.5

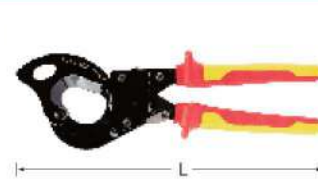


93450 VDE Electricians Scissors

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

No.	Spec. (mm)			
93450	160	6	48	5

▲ Excluded from lifetime warranty terms.

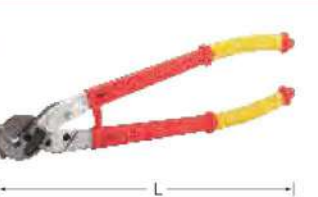


VDE Ratcheting Cable Cutter

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Two-stage transmission for saving labor
- Special linkage feeding mechanism for high feeding speed and cutting efficiency

No.	Spec.	L(mm)			
93113	240mm ²	285	1	12	9.6
93114	380mm ²	380	1	10	14

▲ Excluded from lifetime warranty terms.



Insulated Cable Cutter

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Two-stage transmission for saving labor
- Special linkage feeding mechanism for high feeding speed and cutting efficiency

No.	Spec.	L(mm)			
93115	250mm ²	610	1	4	9.6
93116	500mm ²	805	1	4	16

▲ Excluded from lifetime warranty terms.



93117 Insulated Bolt Cutter 24"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec.			
93117	600	1	2	4.9

▲ Excluded from lifetime warranty terms.



70111 Insulated Flat Nose Pliers 6"

- Cr-V steel forged
- Pinstriped groove on clamping surface to make clamping tightly
- 100% passed 10000V insulation test to reach IEC/EN 60900-2012 standard

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	36	6.9
70111	6"	170				



VDE Long Nose Pliers

- Cr-V steel forged
- Body hardness HRC40-50
- Cutting blades hardness: HRC55-65
- Cutting capacity: medium hard steel wire $\Phi 1.6$ mm
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN 60900-2012 standard

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	36	8
70131	6"	170	Medium hard steel wire $\Phi 1.6$			
70132	8"	212	Medium hard steel wire $\Phi 1.8$			



70161 Insulated Round Nose Pliers 6"

- Cr-V steel forged
- Nose diameter: $\Phi 2.3-7.3$ mm
- 100% passed 10000V insulation test to reach IEC/EN 60900-2012 standard

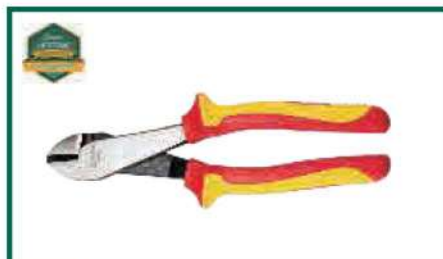
No.	Spec. (mm)	L (mm)	Outside diameter range of clamp opening (mm)	6	36	6.4
70161	6"	170	$\Phi 2.3-7.3$			



Insulated Bent Nose Pliers

- Cr-V steel forged
- Cutting ability: Medium hard steel wire $\Phi 1.6$ mm
- 100% passed 10000V insulation test to reach IEC/EN 60900-2012 standard

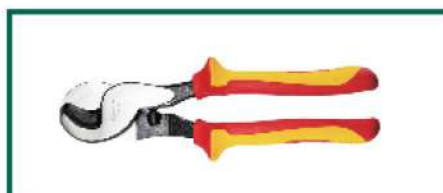
No.	Spec. (mm)	L (mm)	Cutting Capacity (mm)	6	36	6.8
70181	6"	166	Medium hard steel wire: $\Phi 1.6$			
70182	8"	205	Medium hard steel wire: $\Phi 1.8$			



70234 Insulated Diagonal Pliers 8"

- Cr-V steel forged
- Cutting ability: Medium hard steel wire $\Phi 2.2$ mm
- 100% passed 10000V insulation test to reach IEC/EN 60900-2012 standard

No.	Spec. (mm)	L (mm)	Cutting Capacity (mm)	6	36	12.9
70234	8"	215	Medium hard steel wire: $\Phi 2.2$			



Insulated Cable Cutting Pliers

- Cr-V steel forged
- Cutting ability: Copper / Aluminum Cable 22mm
- 100% passed 10000V insulation test to reach IEC/EN 60900-2012 standard

No.	Spec. (mm)	L (mm)	Cutting Capacity	6	36	8.7
70191	6"	175	Copper-Aluminum Cable: 22mm ²			
70192	10"	245	Copper-Aluminum Cable: 80mm ²			

▲ Excluded from lifetime warranty terms.



G Series VDE Long Nose Pliers

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	120	22.9
72610	6"	160	Medium hard steel wire $\Phi 2.5$, hard steel wire $\Phi 1.6$			
72611	8"	200	Medium hard steel wire $\Phi 2.8$, hard steel wire $\Phi 1.8$			



G Series VDE Diagonal Pliers

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	60	33.5
72615	6"	160	Medium hard steel wire $\Phi 2.8$, hard steel wire $\Phi 2.0$, piano wire $\Phi 1.4$			
72616	7"	180	Medium hard steel wire $\Phi 3.2$, hard steel wire $\Phi 2.5$, piano wire $\Phi 1.8$			



72620 G Series Insulated Diagonal Pliers 8"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

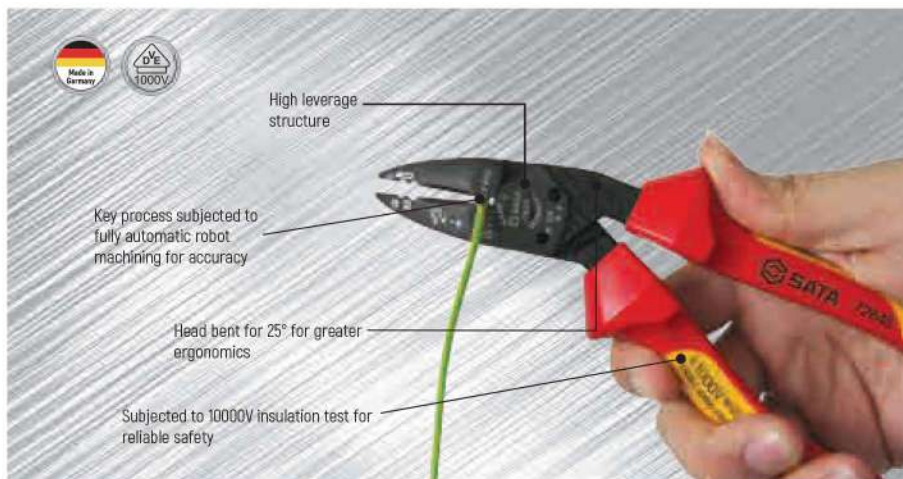
No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	60	40.8
72620	8"	200	Medium hard steel wire $\Phi 4.2$, hard steel wire $\Phi 3.0$, piano wire $\Phi 2.5$			



G Series VDE Combination Pliers

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity (mm)	6	60	30
72625	6"	160	Medium hard steel wire $\Phi 2.5$, hard steel wire $\Phi 1.8$			
72626	7"	180	Medium hard steel wire $\Phi 2.8$, hard steel wire $\Phi 2.5$			
72627	8"	200	Medium hard steel wire $\Phi 3.0$, hard steel wire $\Phi 2.8$			





VDE Insulated Long Nose Combination Pliers

- SK5 steel surface treatment without sticky paint surface, not easy to rust
- Safety lock: convenient and fast, portable storage
- Multi-function: the cutting head is equipped with wire cutting function

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
72665	6"	165	copper wire Ø3.0, iron wire 2.2, hard steel wire Ø1.6	-	-	0.18
72666	8"	205	copper wire Ø3.8, hard steel Ø2.7, hard steel wire Ø2.3	-	-	0.22



72645 G Series Multipurpose High Leverage VDE Diagonal Pliers 7"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
72645	7"	180	Medium hard steel wire Ø3.5, hard steel wire Ø2.5, piano wire Ø2.0	6	60	19.1



VDE Diagonal Pliers

- Cr-V steel forged
- Body hardness HRC40~50
- Cutting blades hardness: HRC55~65
- Cutting capacity: medium hard steel wire Ø1.6mm
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN60900-2012 standard

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
70232	6"	170	Medium hard steel wire Ø1.6	6	36	8.7
70233	7"	212	Medium hard steel wire Ø1.8	6	36	13.6



72630 G Series VDE Wire Stripper 6"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

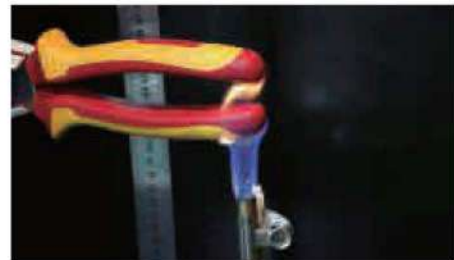
No.	Spec. (mm)	L (mm)	Max. Stripping Range (mm)			
72630	6"	160	Ø5.0/10	6	60	19.8



72650 G Series High Leverage VDE Long Nose Pliers 9"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
72650	9"	220	Medium hard steel wire Ø3.0, hard steel wire Ø2.0, piano wire Ø1.4	6	60	38.5



Handle passed flame-retardant test



Handle passed impact resistance test



Product Usage Diagram



Passed 10,000V limit insulation and voltage resistance test



Handle passed 500N drawing force test



72635 G Series VDE Groove Joint Pliers 10"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Applicable Tube Diameter(mm)			
72635	10"	250	6-38	6	54	28



72655 G Series High Leverage VDE Combination Pliers 7.5"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
72655	7.5"	190	Medium hard steel wire Ø3.5, hard steel wire Ø2.5, piano wire Ø2.0	6	60	37



72640 G Series High Leverage VDE Diagonal Pliers 7"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Max. Cutting Capacity(mm)			
72640	7"	180	Medium hard steel wire Ø3.8, hard steel wire Ø2.7, piano wire Ø2.3	6	60	35.5



72660 G Series VDE Cable Cutting Pliers 7"

- Sleeve handle tested to 10,000 volts, meeting IEC/EN 60900 standard
- Suitable for cutting copper-aluminum cable and steel bar

No.	Spec. (mm)	L (mm)	Cutting Capacity(mm)			
72660	7"	180	Ø18.0/50	6	60	38.3

70145 VDE Insulated Groove Joint Pliers 10"

- Cr-V steel forged
- Body hardness HRC40-50
- Clamping range 0-36mm
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN60900-2012 standard

No.	Spec. (mm)	L(mm)			
70145	10"	255	6	24	17

70141 VDE Wire Stripper 6"

- Cr-V steel forged
- Body hardness HRC40-50
- Use for stripping the insulating layer of the wire with 0.5-2.5mm diameter
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN60900-2012 standard

No.	Spec. (mm)	L(mm)			
70141	6"	170	6	36	9.3

93471 VDE Insulated Cable Knife, Hooked Blade

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Bent blade with special insulating coating on the back to prevent short circuit
- Ergonomic handle for safety and comfort
- Suitable for cutting wires and cables

No.			
93471	6	72	11.4

▲ Excluded from lifetime warranty terms.

VDE Combination Pliers

- Cr-V steel forged
- Body hardness HRC40-50
- Cutting blades hardness: HRC55-65
- Cutting capacity: medium hard steel wire Φ 1.6mm
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN60900-2012 standard

No.	Spec. L (mm)	Max. Cutting Capacity(mm)			
70331	6"	170	Medium hard steel wire Φ 1.6	6	36 9.9
70332	7"	190	Medium hard steel wire Φ 2.0	6	36 13
70333	8"	210	Medium hard steel wire Φ 2.0	6	36 16

93470 VDE Insulated Cable Knife, Protective Blade

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Sickle-shaped blade with sliding guide block to avoid damage to lead core
- Ergonomic handle for safety and comfort
- Suitable for cutting wires and cables

No.			
93470	6	72	12.3

▲ Excluded from lifetime warranty terms.

93472 VDE Insulated Cable Knife, Straight Blade

- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Ergonomic handle for safety and comfort
- Suitable for cutting wires and cables

No.			
93472	6	72	11.9

▲ Excluded from lifetime warranty terms.

Notes:
Insulating layers of all VDE tools are excluded from lifetime warranty.

Body made of Cr-V

Surface plated with nickel-iron alloy for high rust protection

Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard

Cutting capacity of VDE Pliers meeting ASME standards:
Diagonal Pliers: ASME B107.11-2002
Combination Pliers: ASME B107.20 -2004
Long Nose Pliers: ASME B107.13-2003