

INSULATED TOOLS

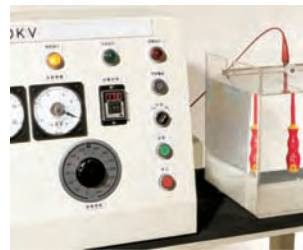
VDE 1000V
INSULATED SCREWDRIVERS

Ultimate safety with comfort



When working on electrically live equipment, it is a must to have properly insulated tools that you can really rely on. Our VDE 1000V insulated tool is the answer to strict market requirements. Comfort is essential. Whirlpower's tow component ergonomic handle, with easily identifiable red and yellow colour combination for easy classification, is the result of huge investment in research, design product development and testing.

Tools in this section are manufactured and individually tested to fulfill IEC900, DIN EN 60900 and VDE 0608/02 strict regulations. Under these regulations each product is individually tested in water at 10,000V and subjected to the following 5 batch test stages:



ELECTRICAL TEST
Electrical immersion test
Immersed in water for 24 hours and test to 10,000V for 3 minutes between metal and handle surface.



5000V AFTER PENETRATION TEST
Under a force of 20N and heat up to 70°C, tools are applied to 5000V for 3 minutes to ensure no dielectric breakdown.

INSULATION ADHESION TEST
Test to ensure that the insulation shield does not go off under heavy loads even used for a certain period of time.



COLD IMPACT RESISTANCE
To use standard force impact to the tools after chilled to -40°C, to ensure the insulation shield can stand under extreme low temperature.



FLAMMABILITY TEST
Tools are tested according to standard for low flammability properties, thus eliminating risks of fire.

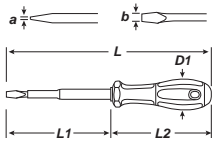


100% INSPECTED BEFORE SHIPMENT
Individual insulated tools are inspected to 10000V before shipment.

INSULATED TOOLS

V111

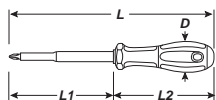
Insulated Slotted Screwdriver
• DIN 5264, ISO 2380
• Chrome molybdenum alloy steel



⊖ ⊕	a	b	D	L	L1	L2		g	Code
	mm	mm	mm	mm	mm	mm		mm	
	0.4	2.5	25	155	75	80	10	28	07525
	0.5	3.0	25	180	100	80	10	32	10030
	0.6	3.5	25	180	100	80	10	35	10035
	0.8	4.0	30	200	100	100	10	58	10040
	1.0	5.5	30	225	125	100	10	78	12555
	1.2	6.5	35	260	150	110	10	115	15065
	1.2	8.0	45	295	175	120	10	179	17580

V112

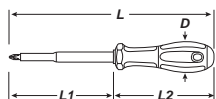
Insulated Phillips Screwdriver
• DIN 8764, ISO 8764
• Chrome molybdenum alloy steel



⊕	D	L	L1	L2		g	Code
	mm	mm	mm	mm		mm	
0	25	140	60	80	10	29	0600
1	30	180	80	100	10	64	0801
2	35	210	100	110	10	94	1002
3	40	270	150	120	10	168	1503

V113

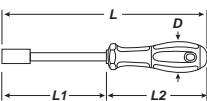
Insulated Pozi Screwdriver
• DIN 8764, ISO 8764
• Chrome molybdenum alloy steel



⊛	D	L	L1	L2		g	Code
	mm	mm	mm	mm		mm	
0	25	140	60	80	10	29	0600
1	30	180	80	100	10	64	0801
2	35	210	100	110	10	94	1002
3	40	270	150	120	10	168	1503

V114

Insulated Bit Holding Screwdriver
• DIN 7445
• Chrome molybdenum alloy steel



⊖	D	L	L1	L2		g	Code
	mm	mm	mm	mm		mm	
1/4"	30	135	125	110	10	114	612514



V11-105

Insulated Screwdriver Set, 5pcs

Q'ty	Series	Contents	g
3	V111	Screwdrivers ⊖ 2.5x75, 4.0x100, 5.5x125	380
1	V112	⊕ 1x80	
1	M051-01	Voltage Tester, 120-250V	

V11-306

Insulated Screwdriver Set, 6pcs

Q'ty	Series	Contents	g
4	V111	⊖ 2.5x75, 3.5x100, 4.0x100, 5.5x125	490
2	V112	⊕ 1x80, 2x100	

V11-506

Insulated Screwdriver Set, 6pcs

Q'ty	Series	Contents	g
4	V111	⊖ 3.0x100, 4.0x100, 5.5x125, 6.5x150	580
2	V112	⊕ 1x80, 2x100	

INSULATED TOOLS

V11-607

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
4	V111	⊖ 2.5x75, 4.0x100, 5.5x125, 6.5x150	610
2	V112	⊕ 0x60, 1x80	
1	M051-01	Voltage Tester, 120-250V	



V11-707

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
4	V111	⊖ 2.5x75, 3.5x100, 5.5x125, 6.5x150	590
2	V112	⊕ 1x80, 2x100	
1	M051-01	Voltage Tester, 120-250V	

V11-907

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
6	961-11	Bits, 25mm	170
	962-11	⊖ 1.0x5.5, 1.2x6.5	
	963-11	⊕ 1, 2	
1	V114	Insulated Bit Holding Screwdriver	

V11-808

Insulated Screwdriver Set, 8pcs

Q'ty	Series	Contents	g
4	V111	⊖ 2.5x75, 4.0x100, 5.5x125, 6.5x150	710
3	V112	⊕ 0x60, 1x80, 2x100	
1	M051-01	Voltage Tester, 120-250V	

V11-1007

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
6	964-11	Bits, 25mm	170
		⊕ 10, 15, 20, 25, 30, 40	
1	V114	Insulated Bit Holding Screwdriver	



V11-1107

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
6	961-11	Bits, 25mm	170
	962-11	⊖ 1.0x5.5, 1.2x6.5, 1.2x8.0	
1	V114	⊕ 1, 2, 3	
		Insulated Bit Holding Screwdriver	

V11-707D

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
4	V111	⊖ 2.5x75, 3.5x100, 5.5x125, 6.5x150	634
2	V112	⊕ 1x80, 2x100	
1	1021-1	Voltage Tester, 120-250V	

INSULATED TOOLS



V11-1207D

Insulated Screwdriver Set, 7pcs

Q'ty	Series	Contents	g
4	V111	⊖ 3.0x100, 4.0x100, 5.5x125, 6.5x150	891
2	V112	⊕ 1x80, 2x100	
1	M051-01	Voltage Tester, 120-250V	



V11-D150

Display Insulated Screwdriver Set, 50pcs

Q'ty	Series	Contents	g
30	V111	⊖ 2.5x75, 3.5x100, 4.0x100	5310
		5.5x125, 6.5x150, 8.0x175	
20	V112	⊕ 0x60, 1x80, 2x100, 3x150	

15701-321

Insulated Combination Pliers

- DIN 5746, ISO 5746
- For gripping and holding. cutting soft and hard wires and cables.
- Chrome vanadium steel
- Clear coat finish

cables wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø12-16	Ø3.4	Ø2.2	180	287	180
Ø13-16	Ø3.8	Ø2.5	200	381	200

15702-311

Insulated Long Nose Pliers

- DIN 5745, ISO 5745
- For gripping and holding. cutting soft and hard wires and cables.
- Chrome vanadium steel
- Clear coat finish

medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø3.2	Ø2.2	200	257	200

15703-311

Insulated Bent Nose Pliers

- DIN 5745, ISO 5745
- For gripping and holding. cutting soft and hard wires and cables.
- Chrome vanadium steel
- Clear coat finish

medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø3.2	Ø2.2	200	261	200

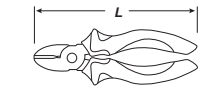


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15704-12

Insulated Diagonal Cutting Nippers

- DIN 5749, ISO 5749
- Cutting soft and hard wires
- Chrome vanadium Steel
- Clear coat finish

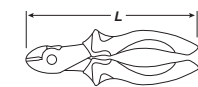


soft wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø4.0	Ø2.8	Ø2.0	160	229	160

15704-21

Insulated Heavy Duty Diagonal Cutting Nippers

- DIN 5749, ISO 5749
- Cutting soft and hard wires and cables
- Chrome vanadium steel
- Clear coat finish

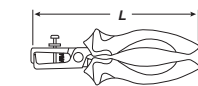


piano wire(mm)	medium hard wire(mm)	hard wire(mm)	L mm	g	Code
Ø2.5	Ø4.2	Ø3.0	200	306	200

15706

Insulated Wire Strippers

- DIN 5743, ISO 5743
- Stripping cables up to Ø6mm
- Chrome vanadium steel
- Satin finish

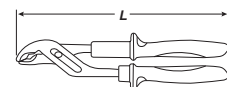


cables wire(mm)	L mm	g	Code
Ø6	180	236	180

15708-02

Insulated Water Pump Pliers (Box Joint)

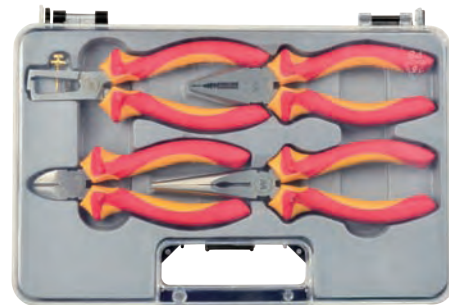
- Chrome vanadium steel
- Pliers phosphated, head polished



for pipes (inch)	for nuts (mm)	L mm	g	Code
1-1/2"	36	250	378	250

157-0104

Insulated Tool Kit, 4pcs

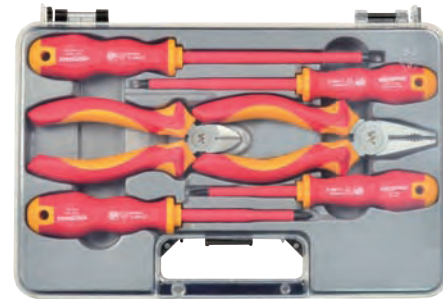


Q'ty	Series	Contents	g
1	15701-321	Combination Pliers, 180mm	1490
1	15702-311	Long Nose Pliers, 200mm	
1	15704-12	Diagonal Cutting Nippers, 160mm	
1	15706	Wire Strippers, 180mm	

INSULATED TOOLS

157-0206

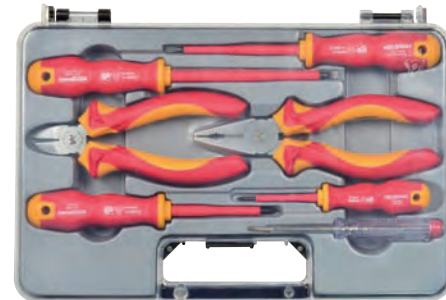
Insulated Tool Kit, 6pcs



Q'ty	Series	Contents	g
1	15701-321	Combination Pliers, 180mm	1300
1	15704-12	Diagonal Cutting Nippers, 160mm	
4	1021	⊖ 5.5x125, 6.5x150	
	1022	⊕ 1x80, 2x100	

157-0407

Insulated Tool Kit, 7pcs



Q'ty	Series	Contents	g
2	15701-321	Combination Pliers, 180mm	1230
1	15704-12	Diagonal Cutting Nippers, 160mm	
4	1021	⊖ 4.0x100, 5.5x125	
	1022	⊕ 0x60, 1x80	
1	M051-01	Voltage Tester, 120-250V	

157-0608

Insulated Tool Kit, 8pcs



Q'ty	Series	Contents	g
1	15701-321	Combination Pliers, 180mm	1170
1	15704-12	Diagonal Cutting Nippers, 160mm	
5	1021	⊖ 4.0x100, 5.5x125, 6.5x150	
	1022	⊕ 1x80, 2x100	
1	M051-01	Voltage Tester, 120-250V	

157-0708

Insulated Tool Kit, 8pcs



Q'ty	Series	Contents	g
2	15702-311	Long Nose Pliers, 200mm	1137
	15704-12	Diagonal Cutting Nippers, 160mm	
5	1021	⊖ 4.0x100, 5.5x125, 6.5x150	
	1022	⊕ 1x80, 2x100	
1	M051-01	Voltage Tester, 120-250V	

157-1009

Insulated Tool Kit, 9pcs



Q'ty	Series	Contents	g
1	15702-311	Long Nose Pliers, 200mm	1412
1	15704-12	Diagonal Cutting Nippers, 160mm	
1	15706	Wire Strippers, 180mm	
5	1021	⊖ 2.5x75, 4.0x100, 5.5x125	
	1022	⊕ 0x60, 1x80	
1	M051-01	Voltage Tester, 120-250V	

157-1109

Insulated Tool Kit, 9pcs



Q'ty	Series	Contents	g
1	15701-321	Combination Pliers, 180mm	1412
1	15702-311	Long Nose Pliers, 200mm	
1	15704-12	Diagonal Cutting Nippers, 160mm	
5	1021	⊖ 2.5x75, 4.0x100, 5.5x125	
	1022	⊕ 0x60, 1x80	
1	M051-01	Voltage Tester, 120-250V	

