VDE INSULATION TOOLS



Authorised Channel Partner





USTOOL LLC

450, Pomfret Road, Hampton, Connecticut – 06247

2019



Company Introduction

USTool LLC is located in the great State of Connecticut in the United States, historically renowned for its manufacturing and quality. We provide our customers with reliable tools for their most challenging problems.

"Quality is our essence; we personally take pride in each tool that we sell and want to know if our customers ever face any problem with any of our products."

Professional Tools with Accuracy and Precision



OUR GLOBAL CUSTOMERS



VDE 1000V Insulated Tools





Dielectric Strength Test

Individual immersion test at 10,000 volt guarantee safety working up to 1000 volts









Low-tempreature Impact Test

When the tools are cooled down to -40°C, Proceed the insulated part with impact test. The insulated must retain the tough againt breaking.









High-temperature Adhesive Power Test

After stroage for 168 hours at 70C, pull the insulated part with tensile force of 500Nm for 3 minutes. This test ensure that the insulation still sarys firm and remain snug againt the tool body.



Burning Behaviour Test

insulated tools use flame -resistant plastics for insulation to protect users USTool insulated VDE series come with high visibility molded ergonomic cushion handles for maximum comfort to ensure full force transfer through the grip. They also have been tested for dilectric streng+th under 10,000 Volt in a water bath in accordance with DIN EN 609009 (IEC 60900:2012) to encourage the user to trust a reliable insulation when live working up to 1000Volt.

VDE tools are ofen used under extreme conditions, such as very low and very high temperature. us tools insulation VDE series are made from high grade materials, which have been tested by low-temperature impact test, high-temperature adhesive power test and buring test to offer more safety to users.







1000V IEC 60900





Precautions:

- *Please keep your insulated tools dry and clean.
- * Wear protective goggles and gloves when working.
- *Do not touch the non-insulated parts while working live.

UST-1102 Insulated Wire Stripping Plier



	Material	HRC	Appli	OAL. (mm)	
	Material	Body	Hard steel	Soft steel	OAL (IIIII)
	AISI-6150	46°±4°		ccept conductors verall diameter	160

UST-1104 Insulated Combinaton Plier



	Material	HRC	Appli	cation	OAL. (mm)
	Waterial	Body	Hard steel	Soft steel	OAL (IIIII)
	AISI-6150	46°±4°	ø2.5mm	ø3.8mm	195

UST-1106 Insulated Combination Plier



Material	HRC	Appli	cation	OAL. (mm)
	Body	Hard steel	Soft steel	
AISI-6150	46°±4°	ø2.0mm	ø3.1mm	175

UST-1108 Insulated Heavy Duty Side Pliers



	Material	HRC	Application		OAL. (mm)
	Waterial	Body	Hard steel	Soft steel	OAL (IIIII)
	AISI-6150	46°±4°	ø2.7mm	ø3.8mm	190

UST-1110 Insulated Side Cutter



	Material	HRC	Application		OAL. (mm)
	iviateriai	Body	Hard steel	Soft steel	OAL. (IIIII)
	AISI-6150	46°±4°	ø2.0mm	ø2.8mm	165

UST-1112 Insulated Long Nose Plier



Material	HRC	Appli	cation	OAL. (mm)
Material	Body	Hard steel	OAL. (IIIII)	
AISI-6150	46°±4°	ø2.2mm	ø3.2mm	200

UST-1114 Insulated Long Nose Plier



	/laterial	HRC	Appli	cation	OAL. (mm)
	nateriai	Body	Hard steel	Soft steel	OAL (IIIII)
AIS	I-6150	46°±4°	ø1.6mm	ø2.5mm	170

UST-V122 VDE 1000V Insulated Cable Knife Series













- · Stainless steel,oil-hardened.
- Suitable for round cable and sector cables.
- Including protective cap for safe storage.







Model No.	Material	HRC	Blade lenth (mm)	Radius (mm)	OAL (mm)
UST-V122A			54	-	186
UST-V122B	3Cr13	50°~58°	33	7	170
UST-V122C			55	40	186



Types	•	0	0	0
Screw-				-
drivers	.000	Hope	nu.	MA
We Provide.	9	9	9	Ť

Model No.		Specification	Blade length (mm)	Individual Packing (mm)
UST-1200-M4.0	0	4x2	125	
UST-1200-M5.0	0	5x25	125	ľ
UST-1200-M5.5	0	5.5x25	125	
UST-1200-M6.0	0	6x25	125	ľ
UST-1200-M7.0	0	7x25	125	ľ
UST-1200-M8.0	0	8x25	125	Blister card
UST-1200-M9.0	0	9x25	125	ľ
UST-1200-M10	0	10x25	125	
UST-1200-M11	0	11x25	245	
UST-1200-M12	0	12x25	245	
UST-1200-M13	0	13x25	245	

UST-V4 **Series**

VDE 1000V Insulated Single Open End Wrench











- 15°angled jaw.
- · Chrome vanadium steel, forged, oil-hardened.



Model No.	Material	(A) Width across flats mm	(B) Head thickness Max. mm	(C) Head thickness Max. mm	(L) OAL ±2mm	Individual Packing
UST-V406		6	23	7.2	90	
UST-V407		7	25	7.2	90	
UST-V408		8	27	7.7	100	
UST-V409		9	29	7.7	100	
UST-V410		10	31	8.2	110	
UST-V411		11	34	8.7	110	
UST-V412		12	36	8.7	130	
UST-V413		13	39	10.5	135	
UST-V414		14	40	10.5	145	
UST-V415	50CrV	15	42	11.5	150	Blister card
UST-V416	JUCIV	16	43	11.5	160	biistei caru
UST-V417		17	47	12.5	160	
UST-V418		18	50	13.0	175	
UST-V419		19	53	14.0	175	
UST-V421		21	55	14.0	195	
UST-V422		22	58	14.0	195	
UST-V424		24	62	16.5	225	
UST-V427		27	69	18.0	250	
UST-V430		30	75	19.0	290	
UST-V432		32	79	20.0	310	

VDE 1000V Insulated UST-V5 **Single Box End Wrench** Series



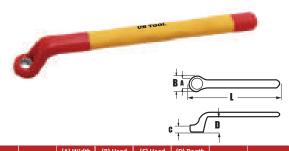








- · Chrome vanadium steel, forged, oil-hardened.
- · Cranked.



Model No.	Material	(A) Width across flats mm	(B) Head thickness Max. mm	(C) Head thickness Max. mm	(D) Depth of crank mm	(L) OAL ±2 mm	Individual Packing
UST-V506		6	16.0	6.8	25	150	
UST-V507		7	18.0	7.0	25	150	
UST-V508		8	19.0	7.4	27	155	
UST-V509		9	20.0	8.3	27	155	
UST-V510		10	21.0	8.8	30	170	
UST-V511		11	22.5	8.9	30	170	
UST-V512		12	22.5	9.8	32	190	
UST-V513		13	26.5	10.0	32	190	
UST-V514		14	28.5	11.0	34	205	
UST-V515	50CrV	15	29.0	11.1	34	205	Blister card
UST-V516	JUCI V	16	31.0	11.5	36	215	bilster caru
UST-V517		17	32.0	12.3	36	215	
UST-V518		18	35.0	12.7	37	230	
UST-V519		19	36.0	13.2	37	230	
UST-V521		21	39.0	13.9	41	245	
UST-V522		22	41.0	13.9	41	245	
UST-V524		24	44.0	16.0	42	265	
UST-V527		27	48.0	16.4	42	290	
UST-V530		30	52.0	16.8	45	310	
ZUST-V532		32	55.0	17.5	45	310	

15 PCS 1000V Insulated **UST-1515** Single Open End Wrench Set











- Content:15pcs. single open end wrenches 6,7,8,9,10,11,12,13,14,15,16,17,19,22,24mm.
- Made of chrome Vanadium Steel
- With 600D tool roll bag.
- · Complete set for power plant, HVAC, automotive, military, aircarft field application and more
- Bag Size: 305x635 mm.

15 PCS 1000V Insulated **UST-1525** Single Box End Wrench Set



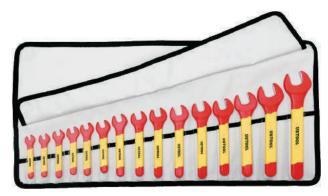








- Contents:15pcs. single open end wrenches 8,9,10,11,12,13,14,15,17,19,22,24,27,30,32mm.
- · Made of Chrome Vanadium Steel.
- With 600D tool roll bag.
- · Ideal for power plant, HVAC, automoblie, military, aircarft field application.
- Bag Size: 330x780.



Individual packing: Color Sleeve



Individual packing: Color Sleeve

VDE 1000V Insulated UST-V258 UST-V260 Reverse Flat Ratchet Handle











- \cdot Reversible for clockwish and anti-clockwish directions.







Model No.	Material		Material Square drive		Tooth	001 ()	Individual
Model No.	Body	Square drive	Square drive	Teeth	OAL (mm)	packintg	
UST-V258	AISI 6140	42CrMo	3/8"	36	200	Blister card	
UST-V260	A131 0140	42CHVIO	1/2"	36	250	Diistei taiu	

Series

VDE 1000V Insulated 3/8" Drive Socket













- · 3/8" Square drive.
- · For metric hexagonal head screws.
- · Chrome Vanadium Steel



Model No.	Material	Width across flats mm	Outside diameter Max. mm	Length mm	Individual packintg
UST-V708		8	15.1	28.0	
UST-V710		10	18.7	28.0	
UST-V711		11	20.0	28.0	
UST-V712		12	21.2	28.0	
UST-V713		13	22.5	28.0	
UST-V714	50BV30	14	23.7	28.0	Blister card
UST-V716	300 4 30	16	26.2	28.0	blister caru
UST-V717		17	27.5	28.0	
UST-V718		18	28.7	28.0	
UST-V719		19	30.0	30.0	
UST-V721		21	32.5	30.0	
UST-V722		22	33.7	30.0	

VDE 1000V Insulated UST-V352 UST-V362 T Handle













- · Quick, easy and reliable locking of attached sockets.
- · Chrome vanadium steel, forged, oil-hardened.





Model No.	Material	Square drive	Handle length (mm)	Drive length(mm)	Individual packintg
UST-V352	50BV30	3/8"	160	200	Blister card
UST-V362	306 V 30	1/2"	160	200	blister caru

UST-V6 **Series**

VDE 1000V Insulated Extention Bar











- · With internal and external square.
- · Quick, easy and reliable locking of attached sockets.
- · Chrome Vanadium steel, forged.



Model No.	Material	Square drive	OAL (mm)	Individual packintg
UST-V611		3/8"	125	
UST-V612	E0B//20	3/8"	250	Blister card
UST-V621	50BV30	1/2"	125	Direct Card
HST-V622		1/2"	250	

UST-V8 **Series**

VDE 1000V Insulated 1/2" Drive Socket















- ·1/2" Square Drive.
- For metric hexagonal head screws.
 Chrome Vanadium Steel.





Model No.	Material	Width across flats mm	Outside diameter Max. mm	Length mm	Individual packintg
UST-V810		10	19.5	38.0	
UST-V811		11	20.7	38.0	
UST-V812		12	22.0	38.0	
UST-V813		13	23.2	38.0	
UST-V814		14	24.5	38.0	
UST-V816		16	27.0	38.0	
UST-V817	50BV30	17	28.2	38.0	Blister card
UST-V818	200 V 30	18	29.5	38.0	Blister card
UST-V819		19	30.7	38.0	
UST-V821		21	33.2	38.0	
UST-V824		24	34.5	38.0	
UST-V827		27	38.8	42.0	
UST-V830		30	42.8	42.0	
UST-V832		32	44.8	42.0	

UST-V2 **Series**

VDE 1000V Insulated Adjustable Wrench











- Parallel smooth gripping jaw.
- With scaling for easy presetting.
- Chrome Vanadium Śteel, forged, oli-hardened.



Model No.	Material	Jaw depth (mm)	Jaw open (mm)	Jaw thickness (mm)	OAL(mm)	Individual packing
UST-V208		25	30	12~8	200	
UST-V210	50CrV	30	34	14~9	250	Blister card
UST-V212		36	41	17~11	300	Caru

Series

VDE 1000V Insulated Hex Key Wrench













- · Metric insulated Hex L-keys.
- S2 alloy Steel, forged, oli-hardened.







Model No.	Material	Tip size (mm)	S±2 mm	L±2 mm	Individual packing
UST-V303		3	25.0	130	
UST-V304		4	40.0	140	
UST-V305		5	45.5	160	
UST-V306	S2	6	47.0	180	Blister card
UST-V308		8	50.5	200	
UST-V310		10	52.0	235	
UST-V312		12	60.0	260	

VDE 1000V Insulated Series Tweezers













· Stainless steel with magnetic.



TZ-V112A Sharp tip

Gripping surface with matt finished for optimum grip.



TZ-V112B Curved tip

Gripping surface with fine transverse serration.



TZ-V112C Round tip

Gripping surface with fine transverse serration.



TZ-V112D Wide tip

Gripping surface with fine transverse serration.

Model No.	Material	HRC	Width (mm)	OAL (mm)	Individual packing
UST-V112A			15.6	134	
UST-V112B	AISI 304	50°~58°	13.0	159	Blister
UST-V112C			13.0	160	card
UST-V112D			15.0	145	

1000V Insulated Roll Tool Set









Content		Individual packing
UST-1104	Insulated Combination plier (195mm)	
UST-1110	Insulated side cutter (165mm)	
UST-1102	Insulated wire stripping plier (160mm)	
UST-1112	Insulated long nose plier (200mm)	
UST-V150C	Insulated cable cutter 150mm (22 mm²)	
UST-V410	Insulated single open end wrench 10mm	
UST-V413	Insulated single open end wrench 13mm	
UST-V414	Insulated single open end wrench 14mm	Blister packing
UST-V417	Insulated single open end wrench 17mm	blister packing
UST-V419	Insulated single open end wrench 19mm	
UST-1200-S2.5	☐Insulated screwdriver (-2.5x75)	
UST-1200-S4.0	☐Insulated screwdriver (-4.0x100)	
UST-1200-S5.5	⊕Insulated screwdriver (-5.5x125)	
UST-1200-S6.5	⊕Insulated screwdriver (-6.5x150)	
UST-V122A	Insulated straight blade cable knife 50x180mm	
UST-B516	Tool roll bag	



VDE 1000V Insulated UST-V150C UST-V250C **Cable Cutter**













- Precision ground, hardened blades.
- Chrome molybednum alloy steel, forged, oil-hardened.





UST-V240C

VDE 1000V Insulated Ratchet Cable Cutter













- Precision ground, hardened blades.
 High-grade carbon, forged, oil-hardened.
 Clean and smooth cutting without crushing and deformation.





Ratchet drive for easier cutting

Model no.	Material	HRC		Application	OAL (mm)		
		Body	Cutting edge	Diameter	Cross-sectional area	AWG	
UST-V150C	Cr.Mo	43°±3°	50°±2°	Ф5.2 mm	22mm²	4	150
UST-V250C	Cr.Mo	43°±3°	50°±2°	Ф10.0 mm	80mm²	3/0	250
UST-V240C	65Mn	38°~43°	48°~52°	Ф32 mm	240mm²	500	240

UST-V160

VDE 1000V Insulat Electricians Scissors















- Dual Color, non-slip, insulated engonomic handle for maximum comfort.
- ·Stainless Steel. Oil-hardened.



Material	HRC	Blade length	OAL	Individual packing
AISI 420J2	48°~52°	47mm	160mm	Blister packing

UST-1508E

Insulated Screwdrivers Set









1000V Insulated Screwdriver & Plier Set UST-1509



Content	
UST-1200-S2.5	☐ Insulated screwdriver (0.4x2.5x75mm)
UST-1200-S3.0	⊖Insulated screwdriver (0.5x3.0x100mm)
UST-1200-S5.5	☐ Insulated screwdriver (1.0x5.5x125mm)
UST-1200-P1	⊕Insulated screwdriver (PH1x80mm)
UST-1200-P2	⊕Insulated screwdriver (PH2x100mm)
UST-1102	Insulated wire stripping plier (160mm)
UST-1110	Insulated Side cutter (165mm)
UST-1114	Insulated long nose plier (170mm)
UST-B509	Tool bag (255x172.5x55mm)
Individual packing	Inner box & color label shrink



1000V Insulated Plier & Screwdriver Set



Content	
UST-1200-S2.5	☐Insulated screwdriver (0.4x2.5x75mm)
UST-1200-S4.0	⊖Insulated screwdriver (0.8x4.0x100mm)
UST-1200-S5.0	☐Insulated screwdriver (1.0x5.5x125mm)
UST-1200-S6.5	⊖Insulated screwdriver (1.2x6.5x150mm)
UST-1200-P0	⊕Insulated screwdriver (PHOx60mm)
UST-1200-P1	⊕Insulated screwdriver (PH1x80mm)
UST-1200-P2	⊕Insulated screwdriver (PH2x100mm)
UST-1104	Insulated combination plier (195mm)
UST-1110	Insulated Side cutter (165mm)
UST-1114	Insulated long nose plier (200mm)
UST-1112	Insulated long nose plier (170mm)
UST-B511	Zipper carrying bag (294x240x50mm)
Individual packing	Inner box & Color label shrink



1000V Insulated Metric Tool kit UST-1526









· UST-1526 Tool kit is equiped wuth a range of 26pcs. 1000V insulated single open end wrenches, screwdrivers, pliers and cutter, T-Handle and 1/2 sockets in a durable tool box. ideal for power plant, HVAC, automative, military, aircarft field applications and more.

Content	
UST-1104	Insulated combination plier (195mm)
UST-1110	Insulated side cutter (165mm)
UST-V410	Insulated single open end wrench 10mm
UST-V411	Insulated single open end wrench 11mm
UST-V412	Insulated single open end wrench 12mm
UST-V413	Insulated single open end wrench 13mm
UST-V414	Insulated single open end wrench 14mm
UST-V417	Insulated single open end wrench 17mm
UST-V419	Insulated single open end wrench 19mm
UST-1200-S2.5	⊖Insulated screwdriver (-2.5x75)
UST-1200-S3.0	⊖Insulated screwdriver (-3.0x100)
UST-1200-S4.0	—Insulated screwdriver (-4.0x100)
UST-1200-S5.5	─ Insulated screwdriver (-5.5x125)
UST-1200-P0	⊕ Insulated screwdriver (#0x60)
UST-1200-P1	⊕Insulated screwdriver (#1x80)
UST-1200-P2	⊕ Insulated screwdriver (#2x100)
UST-V362	Insulated 1/2" drive T handle 200mm
UST-V810	Insulated 1/2" drive socket 10mm
UST-V811	Insulated 1/2" drive socket 11mm
UST-V812	Insulated 1/2" drive socket 12mm
UST-V813	Insulated 1/2" drive socket 13mm
UST-V814	Insulated 1/2" drive socket 14mm
UST-V817	Insulated 1/2" drive socket 17mm
UST-V819	Insulated 1/2" drive socket 19mm
UST-V122A	Insulated straight blade cable knife 50x180mm
UST-V122B	Insulated straight hook blade cable knife 28x155mm
UST-390	Plastic tool box (390x350x90mm)
Individual packing	color sleeve











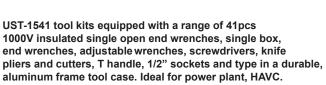
UST-1541

1000V Insulated Metric Tool Kit

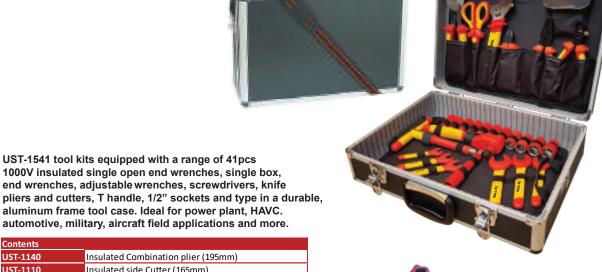








Contents	
UST-1140	Insulated Combination plier (195mm)
UST-1110	Insulated side Cutter (165mm)
UST-1102	Insulated wire stripping plier (160mm)
UST-V250C	Insulated cable cutter 250mm (80mm²)
UST-V410	Insulated single open end wrench 10mm
UST-V413	Insulated single open end wrench 13mm
UST-V414	Insulated single open end wrench 14mm
UST-V417	Insulated single open end wrench 17mm
UST-V419	Insulated single open end wrench 19mm
UST-V422	Insulated single open end wrench 22mm
UST-V510	Insulated single box end wrench 10mm
UST-V513	Insulated single box end wrench 13mm
UST-V514	Insulated single box end wrench 14mm
UST-V517	Insulated single box end wrench 17mm
UST-V519	Insulated single box end wrench 19mm
UST-V522	Insulated single box end wrench 22mm
UST-1200-S2.5	─ Insulated screwdriver(-2.5x75)
UST-1200-S4.0	☐ Insulated screwdriver(-4.0x100)
UST-1200-S5.5	─ Insulated screwdriver(-5.5x125)
UST-1200-S6.5	─ Insulated screwdriver(-6.5x150)
UST-1200-P1	⊕ Insulated screwdriver(-1x80)
UST-1200-P2	⊕ Insulated screwdriver(-2x100)
UST-V362	Insulated 1/2" drive T handle 200mm
UST-V260	Insulated 1/2" drive reverse flat ratchet handle 250mm
UST-V621	Insulated 1/2" drive extention bar 125mm
UST-V622	Insulated 1/2" drive extention bar 250mm
UST-V810	Insulated 1/2" drive socket 10mm
UST-V811	Insulated 1/2" drive socket 11mm
UST-V813	Insulated 1/2" drive socket 13mm
UST-V814	Insulated 1/2" drive socket 14mm
UST-V816	Insulated 1/2" drive socket 16mm
UST-V817	Insulated 1/2" drive socket 17mm
UST-V818	Insulated 1/2" drive socket 18mm
UST-V819	Insulated 1/2" drive socket 19mm
UST-V822	Insulated 1/2" drive socket 22mm
UST-V824	Insulated 1/2" drive socket 24mm
UST-V122A	Insulated straight blade cable knife 50x180mm
UST-V160	Insulated electricians scissors 160mm
UST-V210	Insulated 10" adjustable wrench
UST-274	Expert & Elegant aluminum frame tool case (486x325x1596)
Individual packing	Plain bob + color label

















USTOOL LLC



OUR CATEGORIES

- Test Instruments
- Precision Pliers & Cutters
- Electrical Pliers & Cutters
- Knives & Scissors
- Crimpers
- Strippers
- Soldering & Desoldering
- Punch Down Tools
- Precision Tweezers
- Hex Key Wrenches
- VDE 1000V Insulation Tools
- ESD Static Protection
- Instrument Cases
- Magnifier & Lamp
- Power Tools
- Solar Tools
- Fiber Optics
- Tool Cases
- Screwdrivers
- Socket Wrenches
- GFCI
- Non-Sparking
- Ladder
- Tool Kits
- Duct Rodder
- Miscellaneous



Authorized Channel Partners



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