

Wuerth Industrial Services Malaysia

# ELECTRICAL INSULATED HAND TOOLS



## INSULATED PRECISION SCREWDRIVERS



For working with voltage up to 1,000 volts (AC) and up to 1,500 volts (DC)

- Quality resistant test in a water bath with test voltage of 10 kVLoad per tray: 20 kg
- Identification marking with the year of manufacture
- Cold impact test at -40°C (Identification marking C)

EN 60900, IEC 60900



- Blade: Circular blade, insulated, bronzed
- Output: DIN 5264-A, ISO 2380
- Standard: EN 60900, IEC 60900



Slotted

mm	A mm	A inch	B/C mm	B/C inch	Art. No.	P. Qty.
0.30 x 1.5	40	1 9/16"	100/20	3 15/16" / 13/16"	0613 486 015	1
0.30 x 1.8	60	2 3/8"			0613 486 018	
0.40 x 2.0	75	3"			0613 486 020	
0.40 x 2.5					0613 486 025	
0.50 x 3.0					0613 486 030	



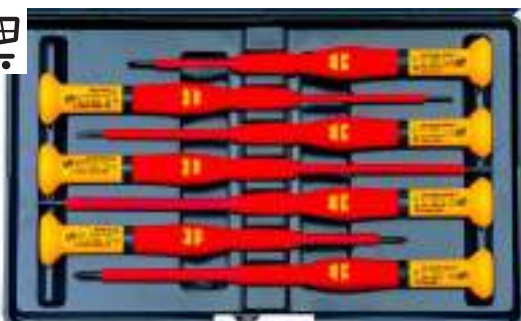
- Blade: Circular blade, insulated, bronzed
- Output: ISO 8764-PH
- Standard: EN 60900, IEC 60900



PH

	A mm	A inch	B/C mm	B/C inch	Art. No.	P. Qty.
PH 00	40	1 9/16"	100/20	3 15/16" / 13/16"	0613 487 00	1
PH 0	60	2 3/8"			0613 487 0	

## INSULATED PRECISION SCREWDRIVER SET



Art. No. 0613 489 4 7 pcs.

In Plastic Casing

mm	Art. No.		Art. No.	P. Qty.
0.30 x 1.5	0613 486 015	PH 00	0613 487 00	1
0.30 x 1.8	0613 486 018	PH 0	0613 487 0	
0.40 x 2.0	0613 486 020			
0.40 x 2.5	0613 486 025			
0.50 x 3.0	0613 486 030			

# INSULATED SCREWDRIVERS



For working with voltages up to 1,000 volts (AC), or up to 1,500 volts (DC).

- Quality resistant test in a water bath with test voltage of 10 kV
- Identification marking with year of manufacture.
- Temperature & impact tested

EN 60900, IEC 900



- Blade: gunmetal finish, insulated.
- Tip: DIN 5264-A, ISO 2380,
- Conical/tapered blade
- Standard: DIN 7437, IEC 900, EN 60900



Slotted

mm	A		B/C		D/A		Art. No.	P. Qty.
	mm	inch	mm	inch	mm	inch		
2.5	80	3 1/8"	83/27	3 17/64" / 1 1/16"	2.4 x 80	3/32" x 3 1/8"	0613 631 025	1
0.8 x 4.0	100	4"			4.0 x 100	5/32" x 4"	0613 631 04	
1.2 x 6.5	150	6"	106/35	4 11/64" / 1 3/8"	6.4 x 150	1/4" x 6"	0613 631 065	



- Blade: gunmetal finish, insulated.
- Tip: DIN 5260-PH, ISO 8764-PH
- Standard DIN 7438, IEC 900, EN 60900



PH

+	A		B/C		Art. No.	P. Qty.
	mm	inch	mm	inch		
PH 0	80	3 1/8"	83/27	3 17/64" / 1 1/16"	0613 632 0	1
PH 1			96/31	3 25/32" / 1 7/32"	0613 632 1	
PH 2	100	4"	106/35	4 11/64" / 1 3/8"	0613 632 2	

# INSULATED SCREWDRIVER SET



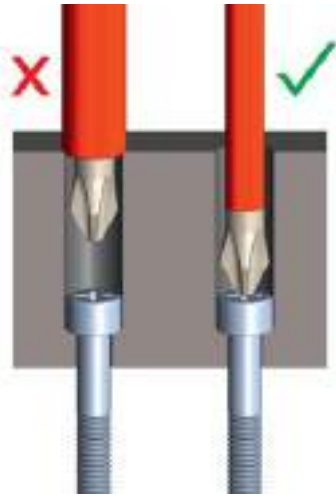
Art. No. 0613 963 25 5 pcs.

- Blade: gunmetal finish, insulated
- Tip: DIN 911
- Standard: DIN 7439, IEC 900, EN 60900



mm	Art. No.	+	Art. No.	P. Qty.
0.4 x 2.5 x 80	0613 631 025	PH 1	0613 632 1	1
0.8 x 4.0 x 100	0613 631 04	PH 2	0613 632 2	
1.2 x 6.5 x 150	0613 631 065			

# INSULATED SCREWDRIVER, SLIM



### Allows for effortless access to deep-seated screws

- Extra slim area of blade for working in narrow diameter areas
- Prevents fraying of insulation
- Screw symbol on end of handle
- Tip: DIN ISO 2380-I-A
- Blade: Burnished
- Application area; Switch cabinets and distributor boxes, circuit breakers, terminal blocks and relays.

Individually tested in accordance with IEC 60900:2004



Slotted, Slim

mm					Art. No.	P. Qty.
	A mm	A inch	B/C mm	B/C inch		
0.4 x 2.5	80	3 1/8"	83/27	3 17/64" / 1 1/16"	0613 631 25	1
0.8 x 4.0	100	4"			0613 631 40	
1 x 5.5	125	5"	96/31	3 25/32" / 1 7/32"	0613 631 55	



PH, Slim

					Art. No.	P. Qty.
	A mm	A inch	B/C mm	B/C inch		
PH 1	80	3 1/8"	96/31	3 25/32" / 1 7/32"	0613 632 10	1
PH 2	100	4"	106/35	4 11/64" / 1 3/8"	0613 632 20	

## INSULATED SCREWDRIVER SET, SLIM



Art. No. 0613 963 250 5 pcs.



mm	Art. No.	+	Art. No.	P. Qty.
0.4 x 2.5	0613 631 25	PH 1	0613 632 10	1
0.8 x 4.0	0613 631 40	PH 2	0613 632 20	
1.0 x 5.5	0613 631 55			

## INSULATED INTERCHANGEABLE SCREWDRIVER SET



Art. No. 0613 900 14 14 pcs.

Item tested in accordance with IEC 60900:2004

### 12 Interchangeable blades

Simply choose the right blade and insert it into the handle

**Can also be used as an electronic and precision mechanic's screwdriver with the plug-on screw cap**

### Contents:

- 1 screwdriver handle
- 1 precision mechanic's screw cap
- 12 blades

Note: The total length of the screwdriver does not correspond to the blade length plus the handle length, since the blade engages in the handle



Contents:		
Designation	Length (mm)	Length (in.)
Slot 0.4 x 2.5	150	5 29/32"
Slot 0.5 x 3.0	175	6 57/64"
Slot 0.6 x 3.5		
Slot 0.8 x 4.0		
Slot 1.0 x 5.5		
Slot 1.2 x 6.5		
PH 1	155	6 7/64"
PH 2	175	6 57/64"
PZ 2		
TX 10		
TX 15		
TX 20	93	3 21/32"
Handle		

\*Only available as a set

## INSULATED SOCKET WRENCH SCREWDRIVERS FOR EXTERNAL HEXAGON SCREWS

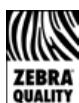


- Blade: gunmetal finish, insulated. Tip: DIN 475/2.
- Standard: DIN 7445, IEC 900, EN 60900



Ø mm					Art. No.	P. Qty.
	A mm	A inch	B/C mm	B/C inch		
5.5	125	5"	96/31	3 25/32" / 1 7/32"	0613 636 055	1
6.0					0613 636 06	
7.0			0613 636 07			
8.0			106/35	4 11/64" / 1 3/8"	0613 636 08	
10.0			0613 636 10			
13.0			114/38	4 31/64" / 1 1/2"	0613 636 13	

## INSULATED SCREWDRIVER HEX SET



Art. No. 0613 936 66 6 pcs.

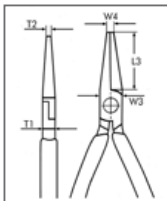
For External Hexagon Screws



Ø mm	Art. No.	P. Qty.
5.5	0613 636 055	1
6.0	0613 636 06	
7.0	0613 636 07	
8.0	0613 636 08	
10.0	0613 636 10	
13.0	0613 636 13	



## INSULATED NEEDLE NOSE PLIERS



### For gripping, holding, and cutting soft and hard wires and cables

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC)
- High-quality tool steel ensures long tool life on tips and cutting surfaces
- Tips design for use on heavy high loads
- Ergonomic, non-slip, two-component comfort handle with wide insulated collar for secure working

### IEC 60900 Compliant

Cutting edges: With additional inductive hardening

Surface: Ground and chrome-plated all around

Grip surfaces: Toothed

Joint: Designed for accurate guide and leverage



Length (mm)	Length (in)	Tip geometry	Jaw shape	L3 (mm)	W3 (mm)	T1 (mm)	W4 (mm)	T2 (mm)	Art. No.	P. Qty.
210	8 1/4"			74	17.5	9.5	3	2.5	0714 015 77	1

## INSULATED WIRE STRIPPING PLIERS



### Precise and effortless stripping of cables and wires with plastic or rubber insulation

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC)
- High-quality tool steel ensures long tool life and precision
- Automatic opening of the pliers by use of an opening spring
- Ergonomic, non-slip, two-component comfort handle with wide insulated collar for secure working

### IEC 60900 Compliant

Adjustment screw: With knurled locking nut

Surface: Ground and chrome-plated all around

Joint: Designed for accurate guide and leverage



Length (mm)	Length (in)	Diameter (mm)	Max. wire cross section (mm) <sup>2</sup>	Art. No.	P. Qty.
160	6 1/4"	5.0	10	0714 015 70	1

## INSULATED COMBINATION PLIERS



**For gripping, holding, and cutting hard and soft wire and cable**

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC)
- High-quality tool steel ensures long tool life and precision of gripping and cutting surfaces
- Extra-long cutting edge allows for thicker cables
- Ergonomic, non-slip, two-component comfort handle with wide insulated collar for secure working

**IEC 60900 Compliant**

Cutting edges: Inductively-hardened precision cutting edges

Torch hole: For gripping of round materials

Surface: Ground and chrome-plated all around

Joint: Designed for accurate guide and leverage



Length (mm)	Length (in)	Medium-hard wire	Hard wire	Copper and aluminum cable	Art. No.	P. Qty.
180	7"	3.4 mm diameter	2.2 mm diameter	12.0 mm diameter	<b>0714 015 75</b>	1

## INSULATED SIDE CUTTERS



**For cutting hard and soft wires and cables even in hard-to-reach areas**

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC).
- Effort-saving, clean cutting with milled precision cutting edge
- High-quality tool steel ensures long tool life and precision cutting surfaces
- Optimal accessibility thanks to slim head shape
- Ergonomic, non-slip, two-component comfort handle with wide Insulated collar for secure working

**IEC 60900 Compliant**

Cutting edges: Inductively-hardened precision cutting edges

Surface: Ground and chrome-plated all around

Joint: Designed for accurate guide and leverage



Length (mm)	Length (in)	Soft wire	Medium-hard wire	Hard wire	Art. No.	P. Qty.
160	6 1/4"	4.0 mm diameter	2.8 mm diameter	2.0 mm diameter	<b>0714 015 72</b>	1



## INSULATED PLIERS SET



**Art. No. 0714 015 80** 4 pcs.

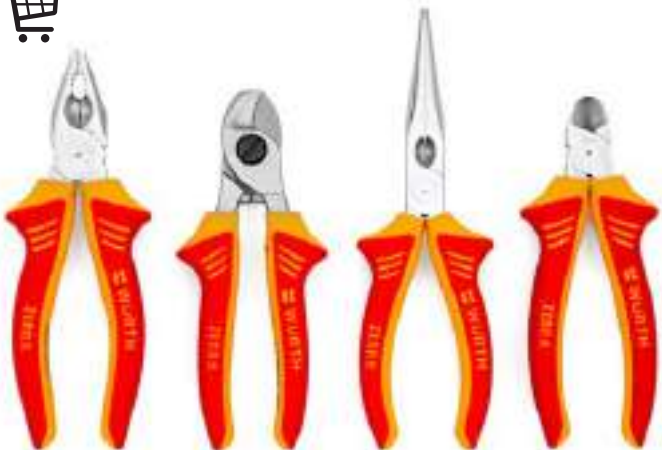
### Combination Pliers, Wire Stripping Pliers, Needle Nose Pliers, Side Cutters

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC).
- High-quality tool steel ensures long tool life and precision of gripping and cutting surfaces
- Ergonomic, non-slip two-component comfort handle with wide Insulated collar for secure working
- Combination pliers with extra-long cutting edge for thicker cables
- Wire stripping pliers open automatically via opening spring
- Needle nose pliers with tips for high bending loads
- Side cutters with slim head shape for optimum accessibility

**IEC 60900 Compliant**



Contents	Total Length (mm)	Total Length (in.)	Art. No.	P. Qty.
Combination Pliers	180	7"	<b>0714 015 75</b>	1
Wire Stripping Pliers	160	6 1/4"	<b>0714 015 70</b>	
Needle nose Pliers	210	8 1/4"	<b>0714 015 77</b>	
Side Cutters	160	6 1/4"	<b>0714 015 72</b>	



**Art. No. 0714 015 81** 4 pcs.

### Combination Pliers, Cable Shears, Needle Nose Pliers, Side Cutters

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC).
- High-quality tool steel ensures long tool life and precision of gripping and cutting surfaces
- Ergonomic, non-slip two-component comfort handle with wide VDE collar for secure working
- Combination pliers with extra-long cutting edge for thicker cables
- Cable cutters for easy cutting of single- and multi-wire cables
- Needle nose pliers with tips for high bending loads
- Side cutters with slim head shape for optimum accessibility

**IEC 60900 Compliant**



Contents	Total Length (mm)	Total Length (in.)	Art. No.	P. Qty.
Combination Pliers	180	7"	<b>0714 015 75</b>	1
Cable Shears	160	6 1/4"	<b>0714 015 85</b>	
Needle nose Pliers	210	8 1/4"	<b>0714 015 77</b>	
Side Cutters	160	6 1/4"	<b>0714 015 72</b>	

# INSULATED CABLE CUTTERS



### For cutting copper and aluminum cable

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC).
- High-quality tool steel ensures long tool life and precision cutting surfaces
- Special shear geometry enables easy and deformation-free cutting through single and multi-wire cable
- Double cutting edge for optimum transmission of force
- Ergonomic, non-slip, two-component comfort handle with wide Insulated collar for secure working

### IEC 60900 Compliant

Cutting edges: Hardened precision cutting edges

Surface: Ground and chrome-plated

Joint: Adjustable screw connection



Image	Length (mm)	Length (in)	Diameter	⊕	Max. wire cross section (mm <sup>2</sup> )	⊕	Art. No.	P. Qty.
A	160	6 1/4"	15.0 mm diameter	50	0714 015 85	1		
B	200	8"	20.0 mm diameter	70	0714 015 86	1		

# VDE POWER SIDE CUTTERS



### For cutting piano wire, hard, and soft wire

- For working on live parts up to 1,000 volts (AC) and up to 1,500 volts (DC), observing all prescribed safety precautions
- Strength-saving, clean cutting thanks to milled precision cutting edge
- High-quality tool steel ensures long tool life and precision of blades under maximum stresses
- Ergonomic and slip-free 2-component comfort handle with wide Insulated collar for secure working
- Blades: inductively hardened precision blades
- Surface: entirely ground and chrome-plated
- Joint: Lay-on, axis forged on
- Material of the grip handle: Polyvinyl chloride

### IEC 60900 Compliant



Length (mm)	Length (in)	Soft wire	Medium wire	Hard wire	Piano wire	Art. No.	P. Qty.
200	8"	4.5 mm diameter	4.0 mm diameter	3.0 mm diameter	2.5 mm diameter	0714 015 97	1

# INSULATED 3-IN-1 ELECTRICAL INSTALLATION PLIERS



**3 in 1 Pliers: For cutting, sheathing, and stripping insulation from electrical cables**

**According to safety measures for working on live parts**

Up to 1,000 Volt (AC), to 1,500 Volt (DC)

**3 tools in 1**

- Comfortable handling eliminates the need to change tools
- Side cutter function
- Stripping insulation in an ergonomic pulling motion

**Ergonomic handle for safe working**

Non-slip 2-component comfort handle with wide insulated collar

**Inductively-hardened precision cutting edges**

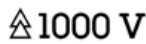
**Surface ground and chrome-plated**

**Lap joint**

**IEC 60900 Compliant**

**Application:** For round cables measuring  $\varnothing$  8-12 mm

For cables sticking out from distribution boxes, wall boxes, junction boxes, switch boxes, switch cabinets or simply for loose cables. Can be used for electrical installation, heating and ventilation systems, systems engineering, trade fair construction, kitchen construction or other trades.



Length (mm)	Length (in.)	Min./Max. wire cross section mm <sup>2</sup>	Max. cable diameter for ALU/CU	Art. No.	P. Qty.
180	7"	1.5 - 2.5 mm <sup>2</sup>	$\varnothing$ 8 - 12 mm	0714 015 88	1



Cut cable with the side cutter



Carefully cut into the sheath with the blades until the stop rests against the sheath. Then rotate the pliers part way around the cable



Bend the cable end slightly until the separation point breaks, and pull off the piece of sheath



Remove the insulation of the individual conductors with the stripping holes



# INSULATED PLIERS AND SCREWDRIVER SET



**Art. No. 0714 015 82** 8 pcs.

- In compliance with the prescribed safety measures, for work under voltages up to 1,000 V (AC) or up to 1,500 V (DC).
- High-quality tool steel ensures long tool life and precision of gripping and cutting surfaces
- Wire stripping pliers open automatically via opening spring
- Side cutters with slim head shape for optimum accessibility
- Snipe nose pliers with tips for high bending loads
- Ergonomic, non-slip two-component comfort handle for secure working

**IEC 60900 Compliant**



Contents	Total Length (mm)	Total Length (in.)	Art. No.	P. Qty.
Wire Stripping Pliers	160	6 1/4"	<b>0714 015 70</b>	1
Side Cutters			<b>0714 015 72</b>	
Needle nose Pliers	210	8 1/4"	<b>0714 015 77</b>	
Slotted Screwdriver, 0.4 x 55 x 2.5 mm	160	6 1/4"	<b>0613 631 025</b>	
Slotted Screwdriver, 0.8 x 55 x 4.0 mm	180	7"	<b>0613 631 04</b>	
Slotted Screwdriver, 1.2 x 55 x 6.5 mm	260	10 1/4"	<b>0613 631 065</b>	
PH 1 Screwdriver	180	7"	<b>0613 632 1</b>	
PH 2 Screwdriver	210	8 1/4"	<b>0613 632 2</b>	



# ELECTRICAL INSULATED HAND TOOLS

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