

## QUALITY GERMAN PLIERS & CUTTERS



Knipex products are manufactured to exacting international standards in one of Germany's largest and most modern tool factories using the latest technology and the finest materials. Cutting edges are induction hardened to guarantee efficient cutting performance and great durability.

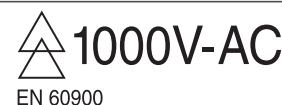
Knipex manufacture over 10 million pairs of pliers every year. Stringent quality control ensures that these products are amongst the finest in the world and particularly suited to industrial applications. Alligator®, Cobra®, CoBolt®, SmartGrip® and TwinForce® are patented designs by Knipex KG.

## QUALITY ASSURANCE MAKES THE DIFFERENCE

EN60900 is the European Standard for hand tools for live working up to 1000V AC or 1500V DC. Any hand tool for live working must be manufactured and approved to this standard. Unless the tool you purchase has the conformance marks stamped on them, it is not up to the relevant standards. All Knipex electrical pliers have been rigorously tested to EN60900 so you can be safe in the knowledge these tools will perform as required.

### LIVE LINE WORKING

When working on electrical installations, it is safest to disconnect these systems from the energy supply first. Only a skilled and qualified electrician may work on live installations and then only in conformance with the relevant industrial safety standards.



## VDE 8 RANGE

This range of pliers and cutters has been manufactured by Knipex for Draper Tools. We have ensured that the specification is second to none - each plier is manufactured to the highest standards of quality and safety.



**SMOOTHLY GROUND HEAD**  
Induction hardened cutting edges for the ultimate performance

**SLIP GUARDS**  
Recess in the collar helps guide the pliers precisely and securely



**GRIPPING ZONE**  
Softer material with better grip where force is applied to prevent slipping



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### VDE Fully Insulated Combination Pliers

**Manufactured to DIN ISO 5746 Specifications. Tested to EN 60900**

Professional Quality, tested to 10,000V and insulated to 1000V AC and 1500V DC for live line working. Manufactured from special tool steel, oil hardened and tempered. Smoothly ground heads with cutting edges separately induction hardened to 60HRC for cutting hard and soft wires. Heavy insulated handles with slip guards for extra comfort and safety. Display packed.

Stock No.	Part No.	Length	Cut Cable Diameter	Cut Cable	Cut Med/ Hard Wire Diameter	Cut Hard Wire Dia.
32019	03 08 160 UKSBE	160mm	10mm	16mm <sup>2</sup>	3.1mm	2mm
31918	03 08 180 UKSBE	180mm	12mm	16mm <sup>2</sup>	3.4mm	2.2mm
31920	03 08 200 UKSBE	200mm	13mm	16mm <sup>2</sup>	3.8mm	2.5mm



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### VDE Fully Insulated High Leverage Combination Pliers

**Manufactured to DIN ISO 5745 Specifications. Tested to EN 60900**

Professional Quality, tested to 10,000V and insulated to 1000V AC and 1500V DC for live line working. Manufactured from high grade tool steel, oil hardened and tempered. Smoothly ground heads with cutting edges separately induction hardened to 64HRC for cutting hard and piano wires. Heavy insulated handles with slip guards for extra comfort and safety. Display packed.

Stock No.	Part No.	Length	Cut Cable Diameter	Cut Cable	Cut Med/ Hard Wire Diameter	Cut Hard Wire Dia.
32015	02 08 180 UKSBE	180mm	11.5mm	16mm <sup>2</sup>	2.5mm	2mm
31861	02 08 200 UKSBE	200mm	13mm	25mm <sup>2</sup>	2.8mm	2.2mm
32018	02 08 225 UKSBE	225mm	14mm	25mm <sup>2</sup>	3mm	2.5mm

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### VDE Fully Insulated Long Nose Pliers

**Manufactured to DIN ISO 5745 Specifications. Tested to EN 60900**

Professional Quality, tested to 10,000V and insulated to 1000V AC and 1500V DC for live line working. Manufactured from special tool steel, oil hardened and tempered. Smoothly ground heads with cutting edges separately induction hardened to 61HRC for cutting medium wire 2.5mm and hard wire 1.6mm. The flat round jaws have serrated gripping surfaces. Heavy insulated handles with slip guards for extra comfort and safety. Display packed.

Stock No.	Part No.	Length	Jaw Length	Jaw Width at Base	Jaw Width at Tip	Jaw Thickness at Base	Jaw Thickness at Tip
31944	25 08 160 UKSBE	160mm	50.0mm	16.5mm	3mm	9	2.5



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### VDE Fully Insulated Long Nose Pliers

**Manufactured to DIN ISO 5745 Specifications. Tested to EN 60900**

Professional Quality, tested to 10,000V and insulated to 1000V AC and 1500V DC for live line working. Manufactured from vanadium steel, oil hardened and tempered. Smoothly ground cutting edges separately induction hardened to 61HRC for cutting medium 3.2mm and hard wire 2.2mm. Straight, half round jaws have serrated gripping surfaces. Heavy insulated handles with slip guards for extra comfort and safety. Display packed.

Stock No.	Part No.	Length	Jaw Length	Jaw Width at base	Jaw Width at Tip	Jaw Thickness at Base	Jaw Thickness at Tip
32012	26 18 200 UKSBE	200mm	73.0mm	17.5mm	3mm	9.5	2.5