

## **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.



### "PAUL SAYS" 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 sure 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 exclusively 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





### 03 08 **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 Overall No. Length	Cable dia.	Cutting Cable mm <sup>2</sup>	g Capacities-mn Med Wire dia.	n Hard Wire dia.	
32019 160mm	10.0	16.0	3.1	2.0	
31918 180mm	12.0	16.0	3.4	2.2	
31920 200mm	13.0	16.0	3.8	2.5	



### 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.

	Cutting Capacities-mm						
Stock Overall No. Length	Cable dia.	Cable mm <sup>2</sup>	Hard Wire dia.	Piano Wire dia.			
32015 180mm	11.5	16.0	2.5	2.0			
31861 200mm	13.0	25.0	2.8	2.2			
32018 225mm	14.0	25.0	3.0	2.5			

# 3 25 08

### **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 servated gripping surfaces. Heavy insulated handles with slip guards for extra comfort and safety. Display packed.

				Jaw	Dimension	S
	Overall	Length		mm	Thickn	ess-mm
No.	Length	-	Base	Tip	Base	Tip
31944	160mm	50.0mm	16.5	3.0	9.0	2.5



### **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

			Jaw Dimensions			
	Overall	Length	W-	mm	Thic	kness-mm
No.	Length	Ŭ	Base	Tip	Base	Tip
32012	200mm	73.0mm	17.5	3.0	9.5	2.5

328