

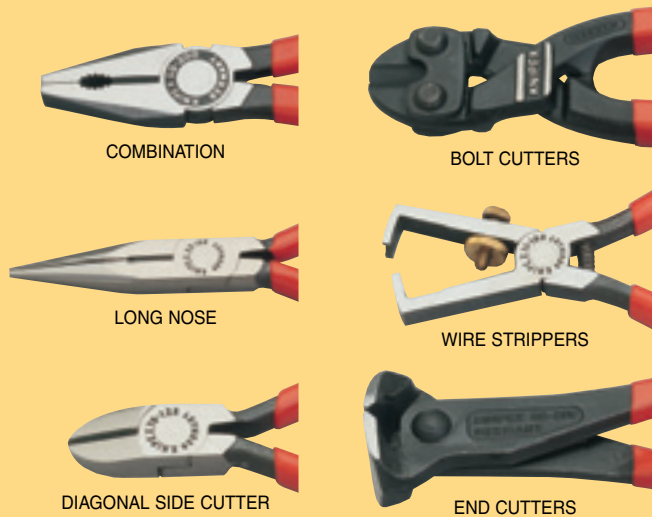
Knipex Pliers and Cutters - general range

This group of pliers and cutters covers the non-electrical range including combination pliers, diagonal side cutters, bolt cutters, bolt croppers, cable shears and many specialist types of pliers (see below).

Generally they have basic plastic coated handles or the comfort grip handles which are designed to reduce fatigue and movement in the hand whilst working (see panel on right).

Plier and cutter types

Some examples of the pliers and cutter types within the Knipex general range...



Knipex 'plastic coated' handles

The original handle for all Knipex Pliers and cutters. The smooth plastic gives the pliers handle an excellent surface for the hand to grip yet allowing a degree of flexibility when working with the tool.



Knipex 'comfort grip' handles

Some of our pliers and cutters have the improved 'Comfort Grip' handles. The redesigned two component handles support and complement Knipex's other products with specialist handles - the Draper 08 Series, VDE and 'S' ranges.

Special shaping and distribution of materials are the result of extensive research into the gripping characteristics and flow of movement when working with pliers.

There are two types of material used in the handle - harder where there is less friction to allow movement in the hand and softer where force is applied and slipping in the hand is to be prevented.

MOVEMENT ZONE

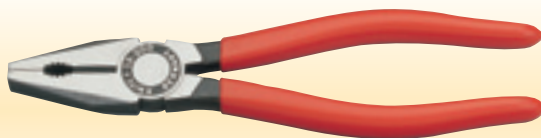
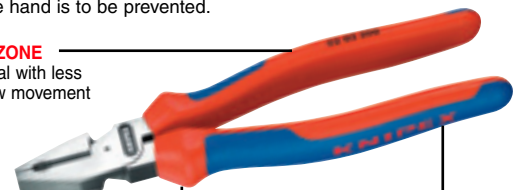
Harder material with less friction to allow movement in the hand

POSITIONING AND SUPPORTING ZONE

The shape of the upper part of the handle offers support, especially where forces take effect in a longitudinal direction

GRIPPING ZONE

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



1 03 01

Combination Pliers

Manufactured to DIN ISO 5746 Specification.

Expert Quality, 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. Plastic coated handles. Display packed.

Stock No.	Length	Cable dia.	Cutting Capacities-mm			Box Qty	Price each
			Cable mm ²	Med Hard Wire dia.	Hard Wire dia.		
36879	140mm	9.0	10.0	2.8	1.8	-	£19.92D
36887	160mm	10.0	16.0	3.1	2.0	-	£19.96D
36895	180mm	12.0	16.0	3.4	2.2	-	£21.16D
36902	200mm	13.0	16.0	3.8	2.5	-	£24.08D
22323	250mm	15.0	25.0	3.8	2.5	-	£34.46D



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High Leverage Combination Pliers

Manufactured to DIN ISO 5746 Specification.

Expert Quality, one of Knipex's top selling pliers incorporating a high leverage eccentric joint which makes the cutting of wires and cables up to 50% easier on the user, i.e. greater cutting power with less effort. Manufactured from high grade tool steel hardened and tempered with the extra long cutting edges hardened to 64HRC, for cutting piano and hard wires. Plastic coated handles. Display packed.

Stock No.	Length	Cable dia.	Cutting Capacities-mm			Box Qty	Price each
			Cable mm ²	Hard Wire dia.	Piano Wire dia.		
19587	180mm	11.5	16.0	2.5	2.0	-	£27.90D
19588	200mm	13.0	25.0	2.8	2.2	-	£29.30D
19589	225mm	14.0	25.0	3.0	2.5	-	£33.50D



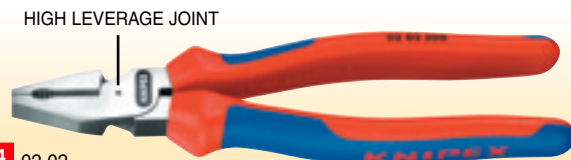
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Combination Pliers

Manufactured to DIN ISO 5746 Specification.

Expert Quality, 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 duty moulded handles and slip guards for extra comfort and safety. Display packed.

Stock No.	Length	Cable dia.	Cutting Capacities-mm			Box Qty	Price each
			Cable mm ²	Med Hard Wire dia.	Hard Wire dia.		
49170	160mm	10.0	16.0	3.1	2.0	-	£25.42D
69574	180mm	12.0	16.0	3.4	2.2	-	£25.78D
69575	200mm	13.0	16.0	3.8	2.5	-	£29.26D



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Stock No.	Length	Cable dia.	Cutting Capacities-mm			Box Qty	Price each
			Cable mm ²	Hard Wire dia.	Piano Wire dia.		
49172	180mm	11.5	16.0	2.5	2.0	-	£31.42D
88153	200mm	13.0	25.0	2.8	2.2	-	£33.96D
49173	225mm	14.0	25.0	3.0	2.5	-	£40.08D