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KNIPEX TwinForce®

High Performance Diagonal Cutter

DIN ISO 5749

PATENTED



73 71 180



73 72 180



73 72 180 F



Extremely easy cutting with little strain:
cuts again 50 % easier than the tried and tested KNIPEX high leverage diagonal cutters

NEW for diagonal cutters:
The option to reapply the tool. The KNIPEX TwinForce® cuts even 4 mm thick wire without great effort when reapplied two or three times. Conventional high leverage diagonal cutters either cannot cut these diameters or only with very great effort.

The superior High-Leverage Diagonal Cutter with patented double joint

- ideal transmission of force due to double-hinged design
- reliably cuts all types of wire, including steel tape
- for rough or very fine cutting
- low cutting impact: gentle on hands.
The tension on muscles and tendons is relieved
- for comfortable cutting, repetitive cutting or extremely hard cutting jobs
- high degree of stability and zero-backlash due to precisely milled forged-in axles
- Chrome vanadium heavy-duty steel, forged, oil-hardened

Art.-Nr. 73 72 180 F

Additional version with opening spring to simplify reapplication and for repetitive cutting



The High Performance Diagonal Cutter with opening spring to simplify reapplication and for repetitive cutting



The opening spring can be easily activated and deactivated by a press of the thumb



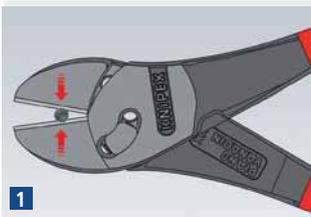
The revolutionary lever action design of KNIPEX TwinForce®, patented



TwinForce®

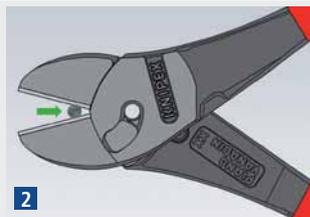
CUTTING PLIERS

Reapplying



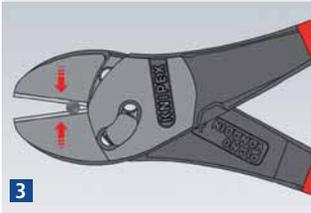
1

Insert the wires as close to the hinge as possible. In case of cutters with very high transmission, the width of the gap between the cutting edges close to the fulcrum may be less than the thickness of the wire. Wires may slip forward when the cutting starts.



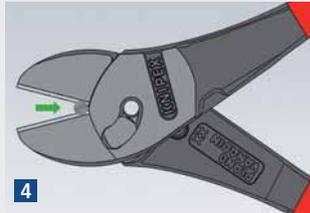
2

First make a notch in the wire using the KNIPEX TwinForce® until the required hand force increases considerably. Now open the pliers and slide the wire backwards towards the joint.



3

Continue cutting in the same location along the wire. Now cutting is much more easier because the wire remains in place closer to the fulcrum.



4

You can repeat this process if necessary.



Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				⚖ g
						⊘ mm	⊘ mm	⊘ mm	⊘ mm	
73 71 180	074762	180	black atramentized	polished	plastic coated	5.5	4.6	3.2	3.0	255
73 72 180	074779	180	black atramentized	polished	with multi-component grips	5.5	4.6	3.2	3.0	280
73 72 180 F	077657	180	MM black atramentized	polished	with multi-component grips	5.5	4.6	3.2	3.0	280

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91

High Leverage Centre Cutters

DIN ISO 5743



74 91 250



- with integrated forged axle for heaviest duty
- with precision cutting edges for soft, hard and piano wire
- cuts thick wires with less effort than other diagonal cutters of the same length
- centric precision cutting edges
- high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle and transmission ratio
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel, forged, oil-hardened

The cutting edges are in the centre of the cutter head



Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				⚖ g
						⊘ mm	⊘ mm	⊘ mm	⊘ mm	
74 91 250	034070	250	black atramentized	polished	plastic coated	5.0	5.0	3.8	3.5	395