

# 72 Diagonal Cutters for plastics and lead



72 01 160

- ▶ cutting face flush ground
- ▶ non-bevelled, for flush cutting sprues off plastic components or soft materials such as lead
- ▶ with opening spring
- ▶ Vanadium electric steel, oil-hardened and tempered






72 11 160

Style 1: 45° angled blades



72 21 160

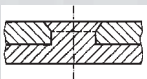
Style 2: 85° angled blades

Article-No.	EAN-Code	Style	Head	Handles	g
	Length Code	all pliers with			
	mm 4003773-				g
72 01 140	018247	0	polished	plastic coated	115
160	013389				170
180	028482				200
72 02 125	044215		polished	with two-colour dual component handles	95
72 11 160	018261	1 	polished	plastic coated	150
72 21 160	026914	2 	polished	plastic coated	160

# 74 Center Cutter



74 91 250




fixed, forged-on axle

- ▶ with forged-on axle for heaviest duty
- ▶ with precision cutting edges for soft, hard and piano wire
- ▶ cuts hard, 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, transmission ratio and ergonomic handle shape
- ▶ cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered



The cutting edges are in the center of the cutter head

Article-No.	EAN-Code	Head	Handles	Cutting capacities	g
	Length Code				
	mm 4003773-			ø mm ø mm ø mm ø mm	g
74 91 250	013396	polished	plastic coated	5.0 5.0 3.8 3.5	395

# 74 High Leverage Diagonal Cutters

DIN ISO 5749



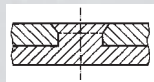
74 01 200



74 12 180



74 06 200



fixed, forged-on axle



74 21 200

- ▶ with forged-on axle for heaviest duty
- ▶ suitable for all types of wire including piano wire
- ▶ high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- ▶ precision cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- ▶ the 250-mm-long diagonal cutter is suitable for copper conductors up to 16 mm<sup>2</sup> and aluminium conductors up to 35 mm<sup>2</sup>
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered

### Style 1:

- ▶ with opening spring; to be activated if required

### Style 2:

- ▶ 12° angled head for flush cutting, providing space for gripping

**KNIPEX** special

The choice of material (Chrome Vanadium), lever ratio and cutting edge angle mean that KNIPEX High Leverage Diagonal Cutters are particularly designed for the cutting of hard wires. Fixed, forged-on axle for work under continuous stress.

**Requires 21% less effort.**

Cutting a medium hard wire of 2.5 mm dia. with a High Leverage Diagonal Cutter (length 160 mm) requires an handforce of only 293 N (29.3 kp) instead of 370 N (37.0 kp) with a common Diagonal Cutter of the same length.



Article-No.	EAN-	Style	Head	Handles	Cutting capacities			g
					○	◐	●	
Length mm	Code 4003773-				ø mm	ø mm	ø mm	
74 01	140	013433	polished	plastic coated	3.1	2.0	1.5	130
	160	013440			3.4	2.5	2.0	180
	180	013457			3.8	2.7	2.2	220
	200	013464			4.2	3.0	2.5	260
	250	013471			4.6	3.5	3.0	390
74 02	140	042419	polished	with two-colour dual component handles	3.1	2.0	1.5	160
	160	023081			3.4	2.5	2.0	210
	180	023074			3.8	2.7	2.2	255
	200	040309			4.2	3.0	2.5	300
	250	042402			4.6	3.5	3.0	420
74 05	140	039617	chrome plated	with two-colour dual component handles	3.1	2.0	1.5	160
	160	022961			3.4	2.5	2.0	210
	180	022978			3.8	2.7	2.2	255
	200	035367			4.2	3.0	2.5	300
	250	039754			4.6	3.5	3.0	420
74 06	160	040705	chrome plated	insulated with two-colour dual component handles	3.4	2.5	2.0	215
	180	022985			3.8	2.7	2.2	260
	200	033820			4.2	3.0	2.5	305
	250	041955			4.6	3.5	3.0	440
74 07	200	018414	chrome plated	plastic dipped insulated ▲ 1000 V ▲ VDE-tested	4.2	3.0	2.5	340
	250	018421			4.6	3.5	3.0	475
74 12 160	065111	1	polished	with two-colour	3.4	2.5	2.0	210
74 12 180	060192		polished	dual component handles	3.8	2.7	2.2	255
74 21 160	034322	2	polished	plastic coated	3.4	2.5	2.0	180
74 21 200	034636		polished	plastic coated	4.2	3.0	2.5	260
74 22 200	051831		polished	with two-colour dual component handles	4.2	3.0	2.5	300



74 12 180: The opening spring can be activated by simply pressing with the thumb



74 12 180: View of the rear side with activated opening spring