

## Electronics End Cutting Nippers

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Sturdy, zero backlash box joint
- > Low-friction double spring for gentle and even opening
- > The mirror polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
- > Cutters additionally laser hardened, cutting edge hardness at least 56 HRC
- > Ball bearing chrome steel, oil-hardened
- > DIN ISO 9654

### Style 0

- > End Cutter, with small bevel

### Style 2

- > End Cutter, mini-blade with small bevel

### Style 3

- > Oblique End Cutter, short head, with small bevel,  $\alpha = 15^\circ$

### Style 4

- > Oblique End Cutter, short head, with small bevel,  $\alpha = 27^\circ$

### Style 5

- > Oblique End Cutter, short head, without bevel, for flush cutting,  $\alpha = 27^\circ$

### Style 6

- > Oblique End Cutter, mini-blade with small bevel,  $\alpha = 65^\circ$

### Style 7

- > Oblique End Cutter, mini-blade with small bevel, head with recess,  $\alpha = 35^\circ$

### Style 1 / 64 11 115

- > End Cutter, without bevel

### Style 1 / 64 12 115 / ESD

- > End Cutter, with small bevel



64 01 115



64 02 115



64 02 115 ESD



64 11 115



64 12 115



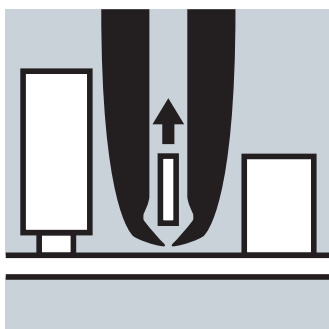
64 12 115 ESD



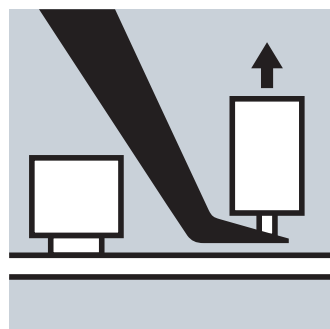
64 22 115



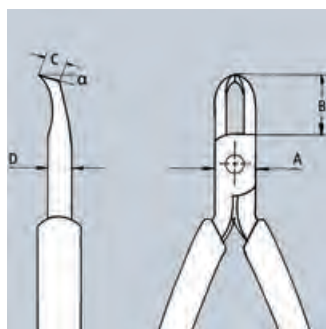
64 32 120



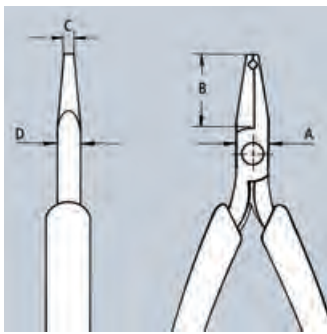
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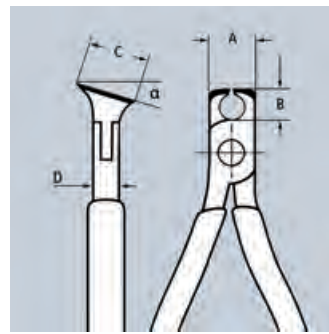
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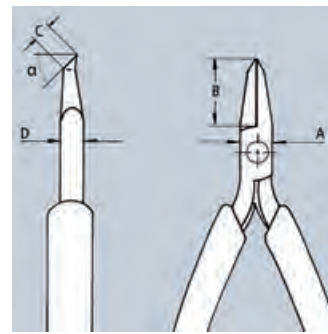
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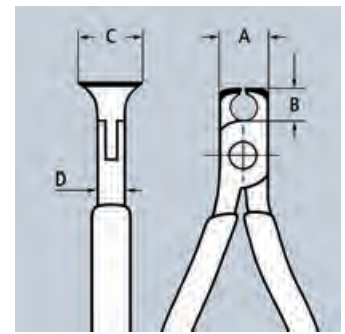
64 22 115



64 32/42/52



64 62 120



64 01/02/11/12

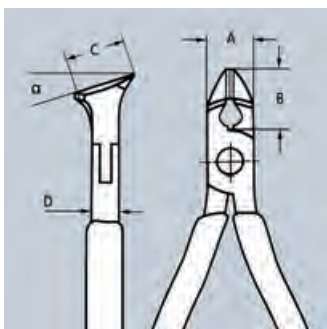
Article No.	EAN 4003773-	↔ mm	Style	Head	Handles	Cutting capacities			Dimensions				⚖ g	
						Ø mm	Ø mm	Ø mm	A mm	B mm	D mm	C mm		
64 01 115	017745	115	MM	0	mirror polished	with non-slip plastic coating	2.0	1.0	0.6	11.0	6.0	7.5	16.0	55
64 02 115	035343	115	MM	0	mirror polished	with multi-component grips	2.0	1.0	0.6	11.0	6.0	7.5	16.0	70
64 02 115 ESD	082231	130	∠90° MM	0	mirror polished	with multi-component grips	2.0	1.0	0.6	11.0	6.0	7.5	16.0	70
64 11 115	017769	115	MM	1	mirror polished	plastic coated	1.4	0.8		11.0	12.0	7.0	16.0	50
64 12 115	040743	115	MM	1	mirror polished	with multi-component grips	1.4	0.8	0.5	11.0	6.0	7.0	16.0	70
64 12 115 ESD	024323	115	∠90° MM	1	mirror polished	with multi-component grips	1.4	0.8		11.0	6.0	7.0	16.0	70
64 22 115	017806	115	MM	2	mirror polished	with multi-component grips	0.8			11.0	20.0	6.0	3.0	70
64 22 115 ESD	025061	115	MM	2	mirror polished	with multi-component grips	0.8			11.0	20.0	6.0	3.0	70
64 32 120	017820	120	∠15° MM	3	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 32 120 ESD	025078	120	∠15° MM	3	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 42 115	017844	115	MM	4	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	12.0	70
64 52 115	040439	115	∠27° MM	5	mirror polished	with multi-component grips	1.3			11.0	10.0	7.0	12.0	70
64 62 120	046998	120	∠65° MM	6	mirror polished	with multi-component grips	0.6			11.0	20.0	7.0	7.0	70
64 62 120 ESD	025085	120	∠65° MM	6	mirror polished	with multi-component grips	0.6			11.0	20.0	7.0	7.0	70
64 72 120	017882	120	∠35° MM	7	mirror polished	with multi-component grips	1.5			11.0	20.0	7.0	6.0	70

## Electronics Oblique Cutting Nipper

- > With cutting edges for soft and medium hard wire
- > Without bevel, for flush cutting
- > Cutters additionally laser hardened, cutting edge hardness approx. 56 HRC
- > Low-friction double spring for gentle and even opening
- > Sturdy, zero backlash box joint
- > The mirror polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
- > Ball bearing chrome steel, oil-hardened
- > DIN ISO 9654



62 12 120



Article No.	EAN 4003773-	↔ mm	Style	Handles	Cutting capacities		Dimensions				⚖ g
					Ø mm	Ø mm	A mm	B mm	C mm	D mm	
62 12 120	048008	120	∠15° MM	with multi-component grips	0.3 - 1.0	0.7	11.0	10.0	17.0	7.5	70