

## C.K ELECTRONIC

### PLIERS & CUTTERS –

### MADE IN GERMANY

### STANDARD SETTING DETAILS.

## SOLUTIONS FOR ALL DEMANDS.

The experience of more than

200 years – most modern

manufacturing processes –

permanent research and deve-

lopment to meet the ever

changing requirements –

careful selection of the best

raw materials – a stringent

quality system in production

and company organisation –

strict production end control

and last but not least the full

commitment of all staff make

C.K Electronic Pliers and

Cutters to quality products of

best reputation world wide.



#### C.K Electronic Pliers and Cutters feature:

#### Hot drop forged blanks from selected, purpose orientated High Alloy Carbon and Chrome-Vanadium-Steels

- optimised grain structure
- maximised tool strength

#### Precision box joint

- reduction of stress to the rivet
- longer life
- improved cutting edge alignment
- no difficult readjustment like on screw joints
- silk smooth and pleasant action

#### Mirror polished steel surface

- attractive finish
- no risks of flaking chrome plate
- easily cleaned

#### Double Leaf Springs spot welded

- no replacements or adjustment necessary
- guaranteed life time action
- constant and optimal function

#### Choice of bevels

- 3 types of bevels for individual application

#### Choice of handles

- 4 types to meet different demands

#### Wide range

- 152 different patterns to cover all needs

**C.K – maximum quality, first class service, high value for money.**



## CUTTING CAPACITIES

Type	SensoPlus	Premier	Classic	Ecotronic	Hard steel wire	Soft steel wire	Copper wire	page
					Mini only			
					mm/AWG	mm/AWG	mm/AWG	
3740	mini F EF				0.4 / 26	1.0 / 18	1.5 / 15	11
3766-110	F EF	F EF				0.6 / 22	1.0 / 18	11, 17
3766-120	F EF	F EF				0.8 / 20	1.2 / 16	11, 17
3768		mini	mini		0.5 / 24	1.2 / 16	1.8 / 13	18, 26
3773	mini F EF	mini F EF	mini F EF		0.4 / 26	1.0 / 18	1.5 / 15	12, 18, 25
3774		mini	mini		0.4 / 26	1.0 / 18	1.5 / 15	18, 25
3775		mini F EF	mini F EF		0.7 / 21	1.5 / 15	2.0 / 12	18, 26
3776-115		F	F		0.5 / 24	1.2 / 16	1.6 / 14	20, 26
3776-130			mini EF		1.2 / 16	2.0 / 12	2.5 / 10	26
3778		F	F		0.5 / 24	1.2 / 16	1.6 / 14	19, 27
3779*	mini	mini	mini		1.0 / 18			12, 18, 25
3780	F EF	F EF	F EF			0.6 / 22	1.0 / 18	11, 17, 25
3781	mini F EF	mini F EF	mini F EF		0.4 / 26	1.0 / 18	1.2 / 16	12, 18, 25
3782	mini F EF				0.4 / 26	1.0 / 18	1.5 / 15	12
3784		F				0.6 / 22	0.8 / 20	20
3786-120	F	F	F			0.6 / 22	0.8 / 20	12, 19, 26
3786-125		F				0.8 / 20	1.0 / 18	19
3793			mini			0.7 / 21	0.7 / 21	27
3798		F			0.5 / 24	1.2 / 16	1.6 / 14	19
3799	F	F	F		0.4 / 26	1.0 / 18	1.2 / 16	12, 20, 26
3799	EF					1.0 / 18	1.2 / 16	12
3870		F					0.6 / 22	19
3871	F	F					0.6 / 22	13, 19
3873		F					0.6 / 22	20
3874		F					0.6 / 22	20
3875		F				0.8 / 20	1.2 / 16	20
3880	F EF	F EF	F EF			0.6 / 22	1.2 / 16	11, 17, 25
3882	F EF	F EF				0.6 / 22	1.2 / 16	11, 17
3953				mini	0.4 / 26	1.0 / 18	1.5 / 15	31
3954				F		0.6 / 22	0.8 / 20	31
3955				mini	0.7 / 21	1.5 / 15	1.5 / 15	31
3956				F		0.6 / 22	0.8 / 20	31
3966				F		0.8 / 20	1.2 / 16	31

\* 3779: also for piano wire 0.6 mm / 22 AWG and nickel wire 1.2 mm / 16 AWG

#### 4 RANGES FOR DIFFERENT REQUIREMENTS

	SensoPlus	Premier	Classic	Ecotronic
Drop forged	✓	✓	✓	✓
Box joint	✓	✓	✓	
Laid-in joint				✓
Mirror polished	✓	✓	✓	
Black finish				✓
Double leaf springs spot welded	✓	✓	✓	✓
Induction hardened cutting edges	✓	✓	✓	✓
For ESD use	✓	✓		
Choice of bevels	✓	✓	✓	



## CUTTING EDGES



Mini bevel



Full flush



Extra Full Flush

#### Mini bevel

Standard cut. For universal use on hard and soft steel wires and soft materials like copper wire or cable.

#### Full flush

Almost full flush cutting. Cutting shock slightly reduced. Fine cutting edges. Side Cutters to cut soft steel wire, copper wire and cable. Some Oblique and Front Cutters also suitable for hard steel wire.

#### Extra Full Flush

Perfectly full flush cutting. Razor sharp cutting edges. For soft steel wire, copper wire and cable. Meeting MIL-standards for non-shock cutting.

#### Note

The cutting edge lifetime depends on the cutting edge angle. The sharper the edges, the quicker they wear. In comparison to cutters with EF-bevel the lifetime of cutters with Mini-bevel is longer. As long as no perfect full flush cut or non-shock cut is required, we recommend the use of cutters with F-bevel.

#### Tool care and maintenance

Unfavourable environmental influences like humidity or contact with aggressive substances spoil even the best protection against corrosion. Our suggestion: clean your valuable tool from time to time with a clean cloth and a drop of acid-free oil. The smooth and clean finish of our C.K Cutters and Pliers supports the ease of maintenance and helps to keep the value of your tool on a high level.



**A NEW HANDLE DESIGN TAILORED TO YOUR HAND'S SHAPE & FEEL**

The perfect shape. Scientifically designed with your hand in mind.

A grip feeling like a fine kid glove. So much a part of your own hand that it gives you incomparable fatigue-free, safe control for the most-exacting work demands.

**Optimal design ergonomics.**

- 1** Soft, comfortable and slip-free thermoplastic material compound grips.
- 2** Anti-slip bow enhances pin-point control.
- 3** Spot-welded double leaf spring ensures consistently repeatable functioning for a lifetime of top performance.
- 4** Precision box joint means butter smooth action for exact guidance of jaws without need for readjustment.
- 5** Mirror polishing notably reduces risks of corrosion, chrome flaking, and is easy to clean.
- 6** Long-life cutting edges are induction hardened to maintain cutting ease.

Over-all function, beauty, and reliability backed by one of the world's outstanding experts for professional tools

**MADE IN GERMANY**



**SensoPlus**<sup>®</sup>  
THE ORIGINAL

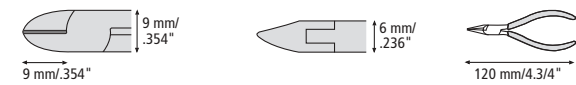
U.S. Patent No. Des. 406,520  
 ® BRD No. 397 08 814  
 ® EU No. 000 527 127  
 ® USA No. 2,235,654

Applied for  
 ® Taiwan No. 86013453



**SIDE CUTTERS**

Oval head.

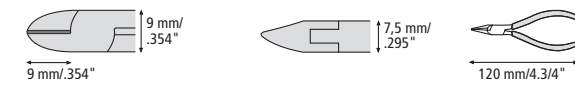


<b>3880DF-110</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
<b>3880DEF-110</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



**SIDE CUTTERS**

Oval head. With wire catch.



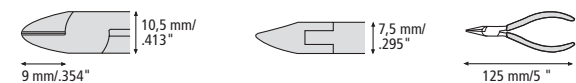
<b>3882DF-110</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
<b>3882DEF-110</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



**SIDE CUTTERS**

Half-oval head. For confined spaces.

High cutting capacity.

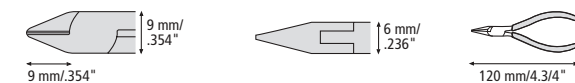


<b>3740D-115</b>	Mini bevel.	
Wire:	hard	soft steel
mm / AWG	0.4 / 26	1.0 / 18
<b>3740DF-115</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	1.0 / 18
<b>3740DEF-115</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	1.0 / 18



**SIDE CUTTERS**

Tapered head.

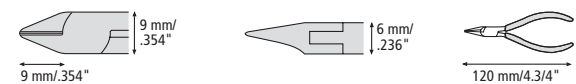


<b>3780DF-110</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
<b>3780DEF-110</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



**SIDE CUTTERS**

Tapered and relieved head. Also for SMD-use.

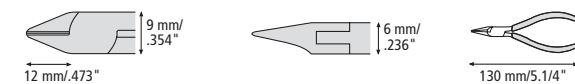


<b>3766DF-110</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
<b>3766DEF-110</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



**SIDE CUTTERS**

Tapered and relieved head.



<b>3766DF-120</b>	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.8 / 20
<b>3766DEF-120</b>	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.8 / 20



**SIDE CUTTERS**

Oval head.



**3773D-115** Mini bevel.

Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15

**3773DF-115** Full flush.

Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15

**3773DEF-115** Extra full flush.

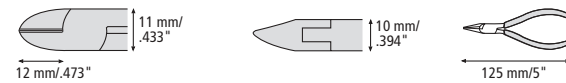
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15



**SIDE CUTTERS**

Oval head.

With wire catch.



**3782D-115** Mini bevel.

Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15

**3782DF-115** Full flush.

Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15

**3782DEF-115** Extra full flush.

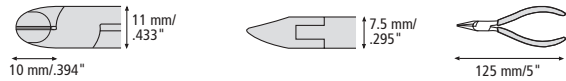
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15



**SIDE CUTTERS**

Oval head. Tungsten Carbide edges.

Not for soft materials.



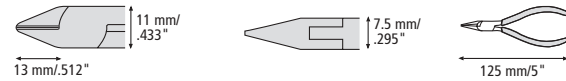
**3779D-115** Mini bevel.

Wire:	piano	hard	nickel
mm / AWG	0.6 / 22	1.0 / 18	1.2 / 16



**SIDE CUTTERS**

Tapered head.



**3781D-115** Mini bevel.

Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.2 / 16

**3781DF-115** Full flush.

Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16

**3781DEF-115** Extra full flush.

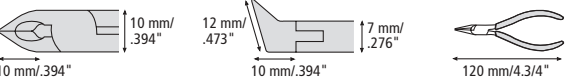
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



**ANGLED FLUSH CUTTERS**

Oblique head. Angled at 29°. Horizontal and vertical use.

Strong, handy.



**3799DF-110** Full flush.

Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.2 / 16

**3799DEF-110** Extra full flush.

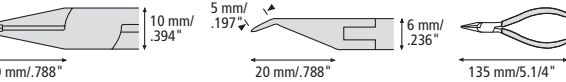
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



**OBLIQUE CUTTERS**

Slim head.

For confined spaces.



**3786DF-120** Full flush.

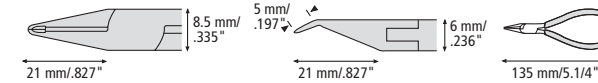
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20



**OBLIQUE CUTTERS**

Extra long, slim jaws, for very confined spaces.

Also for SMD-use.



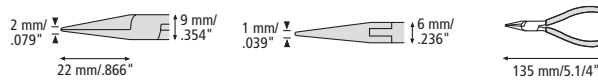
**3871DF-120** Full flush.

Wire:	hard	soft steel	copper
mm / AWG	-	-	0.6 / 22



**SNIFE NOSE PLIERS**

Straight.



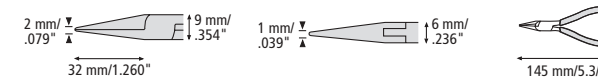
**3772D-120** Smooth jaws.

**3772-1D-120** Serrated jaws.



**SNIFE NOSE PLIERS**

Straight, long and slim jaws.



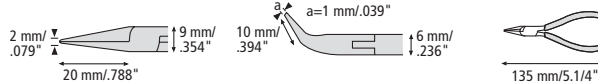
**3772D-130** Smooth jaws.

**3772-1D-130** Serrated jaws.



**SNIFE NOSE PLIERS**

Bent.



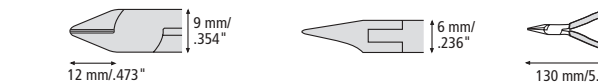
**3767D-120** Smooth jaws.



**SNIFE NOSE PLIERS ULTRAFINE**

Tweezers-like tips. Fine pointed jaws. Chamfered edges.

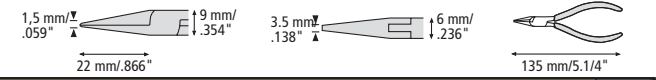
For forming and bending leads, wires etc. without damages.



**3872D-120** Smooth jaws.



**FLAT NOSE PLIERS**



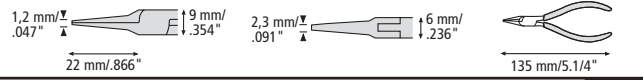
**3770D-120** Smooth jaws.

**3770-1D-120** Serrated jaws.



**FLAT NOSE PLIERS ULTRAFINE**

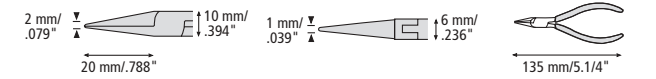
Relieved, narrow jaws. For very confined spaces, e.g. in SMD-use



**3741D-120** Smooth jaws.



**ROUND NOSE PLIERS**

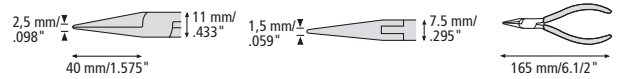


**3771D-120** Smooth jaws.



**SNIPE NOSE PLIERS**

Straight.



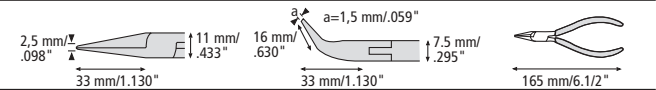
**3777D-150** Serrated jaws.

**3777-1D-150** Smooth jaws.



**SNIPE NOSE PLIERS**

Bent.

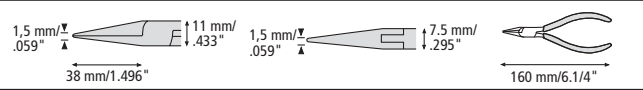


**3769D-150** Serrated jaws.



**NEEDLE NOSE PLIERS**

Straight. Extra slim jaws and fine tips.



**3783D-145** Smooth jaws.



**▲ 3703D**

**6 PIECE PLIERS SET IN ZIP WALLET**

Zipped service wallet. Imitation leather. 6 compartments for pliers with max. length 125 mm.

Appr. 180 x 145 x 45 mm / 7 x 5.3/4 x 1.3/4". Complete with 6 pliers:

Snipe Nose Pliers, straight	3772D-120
Flat Nose Pliers	3770D-120
Side Cutters	3773D-115
Side Cutters	3880DF-110
Side Cutters	3766DF-120
Oblique Cutters	3786DF-120

**▲ 3703DS**

**6 PIECE PLIERS SET IN ZIP WALLET**

Zipped service wallet. Imitation leather. 6 compartments for pliers with max. length 125 mm.

Appr. 180 x 145 x 45 mm / 7 x 5.3/4 x 1.3/4".

Complete with 6 pliers:

Snipe Nose Pliers, straight	3872D-120
Flat Nose Pliers	3770D-120
Side Cutters	3773D-115
Side Cutters	3880DF-110
Side Cutters	3766DF-120
Oblique Cutters	3786DF-120

**3703DL**

**EMPTY ZIP WALLET**

Like above, but empty. To take 6 SensoPlus Pliers up to total length 130 mm.



**▲ 3707DX**

**14 PIECE HAND TOOL KIT IN SERVICE CASE**

Compact service case with foam inserts.

Appr. 260 x 200 x 60 mm / 10.1/4 x 8 x 2.3/8"

Contents:

Snipe Nose Pliers, straight	3772D-120
Side Cutters	3773D-115
Tweezers	2334
Tweezers	2343
XonicXM Screwdrivers	
4880X 1.5 x 60, 1.8 x 60, 2.5 x 60, 2.5 x 75, 3.0 x 100, 4.0 x 100 mm	
4882X PH 000 x 60, PH 00 x 60, PH 0 x 60, PH 1 x 80,	

**3707LX**

**EMPTY TOOL CASE**

Like above, but empty. To take similar assortment as above as per your choice. Keep attention to total length of tools like above.

**◀ 3701ESD**

**12 PIECE ESD-HAND TOOL KIT IN SERVICE CASE**

Compact service case with foam inserts (non-ESD).

Appr. 260 x 200 x 60 mm / 10.1/4 x 8 x 2.3/8"

Contents:

Snipe Nose Pliers	3772D-120
Side Cutters	3773D-115
Tweezers	2334
PLCC-Extractor	2371
XonicXM- Screwdrivers	
4880XESD 1.5 x 60, 2.5 x 75,	
4882XESD PH 0 x 60, PH 1 x 80	
4877XESD TX 05 x 50, TX 06 x 50	

ESD-Arm Wrist with press button  
ESD-Earthing Cable with press button and crocodile clamp.