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## PRECISION TOOLS FOR THE ELECTRONICS INDUSTRY

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A friend for life®



Cutters & Pliers

Tweezers

Screwdrivers

Cable & Wire Strippers

Service Cases

Crimping Tools

Soldering Tools

ESD-Tools

210 YEARS OF  
SERVICE TO THE  
HAND TOOL  
PROFESSION



# A friend for life.®



**210 years of service to the hand tool profession**  
This alone must say a great deal about us.

"Tradition", "Innovation", and "Precision" are the guarantee for the outstanding quality characteristics of our products as well as a skilful, trained and experienced work force and the careful selection of only the best and most suitable materials.

Constant research and development ensures ongoing improvements in quality, design and ergonomics.

All C.K. products are manufactured and tested to the relevant standards and are subject to stringent quality and production inspection.

Within these pages will be found ranges of products that cover virtually every possible hand tool requirement of the Electronic Industry. Not just "a plier", "a tweezer" or "a screwdriver", but many variations in type and specification that offer the professional a real choice, tailored to his specific needs.

Marketing and sales support as well as individual advice for distributors and end users are available as part of the C.K. – "a friend for life" – service package.

Privately owned since its foundation in 1790, based in Germany and the UK, France and Ireland, C.K. have succeeded in establishing their tools in over 40 countries, throughout the world.

On the brink of the new millennium, our new electronic products catalogue presents both C.K.'s proven products, along with numerous developments and brand new tools, geared up to ensure we are the industry partner for optimum quality production.

C.K. offers you today what tomorrow will need.

**C.K. – a friend for life Since 1790.**

**Quality made in Germany.**

*Since 1790*



ESD HAND TOOLS

The European Standard for ESD-protection (DIN EN 100 015 part 1) and new international standards under consideration, similar US-standards as well as many industrial house standards prohibit the use of non-ESD-products in Electrostatic Protected Areas (EPA). Quality Management Audits to ISO 9000 monitor the compliance with these standards in all electronic production and service fields, where ESD-components are being used.



C.K. offers a wide variety of ESD Hand Tools in compliance with these standards. Made from dissipative materials, these tools can be used universally in all fields of electronic production or service, as long as they are not used around or at live circuits, as the conformity with ESD-requirements does not mean exclusive use inside EPA's.



All ESD-tools shown in this catalogue are marked with the standardised ESD-logo.



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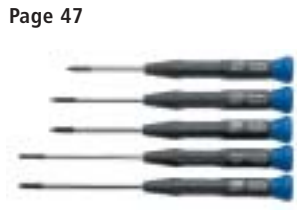


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C.K ELECTRONIC

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 development 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	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	With the patented C.K dual compound handles. For all applications. Best in ergonomics and working comfort.	With black, thermoplastic handles. For all applications.	With traditional, black coated handles. Not for ESD-use.	With red coated handles. Not for ESD-use.
	<b>SensoPlus</b>	<b>Premier</b>	<b>Classic</b>	<b>Ecotronic</b>
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	✓	✓	✓	
	 10 - 15	 16 - 23	 24 - 29	 30 - 33

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.





SensoPlus®  
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



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.

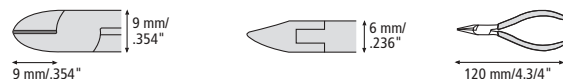
Over-all function, beauty, and reliability backed by one of the world's outstanding experts for professional tools

MADE IN GERMANY



SIDE CUTTERS

Oval head.

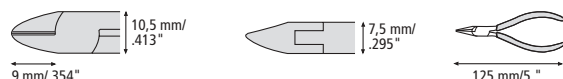


3880DF-110	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
3880DEF-110	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



SIDE CUTTERS

Half-oval head. For confined spaces.  
High cutting capacity.

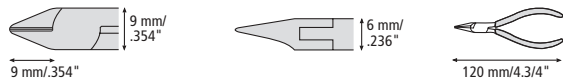


3740D-115	Mini bevel.	
Wire:	hard	soft steel
mm / AWG	0.4 / 26	1.0 / 18
3740DF-115	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	1.0 / 18
3740DEF-115	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	1.0 / 18



SIDE CUTTERS

Tapered and relieved head. Also for SMD-use.



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



SIDE CUTTERS

Oval head. With wire catch.

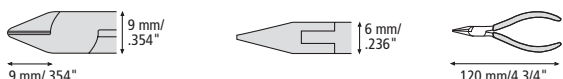


3882DF-110	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
3882DEF-110	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



SIDE CUTTERS

Tapered head.

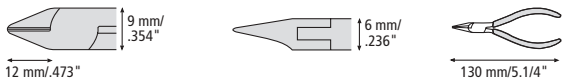


3780DF-110	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22
3780DEF-110	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.6 / 22



SIDE CUTTERS

Tapered and relieved head.

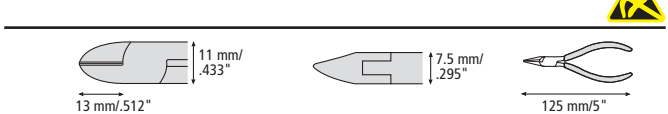


3766DF-120	Full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.8 / 20
3766DEF-120	Extra full flush.	
Wire:	hard	soft steel
mm / AWG	-	0.8 / 20



**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

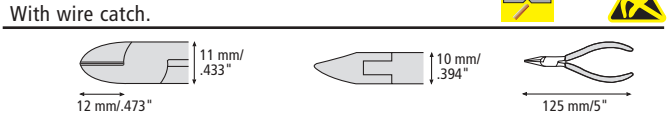
**3773DEF-115** Extra full flush.

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.

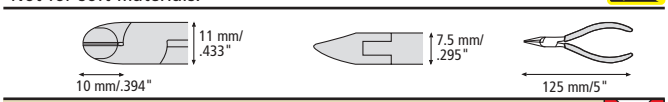
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15



**SIDE CUTTERS**

Oval head. Tungsten Carbide edges.

Not for soft materials.



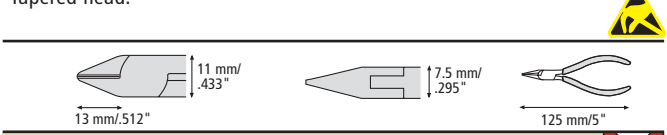
**3779D-115** Mini bevel.

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.

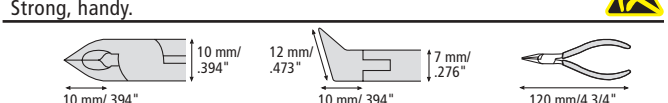
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



**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.

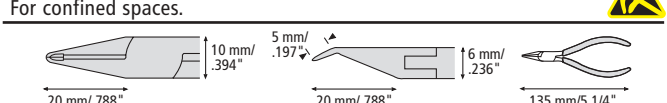
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



**OBLIQUE CUTTERS**

Slim head.

For confined spaces.



**3786DF-120** Full flush.

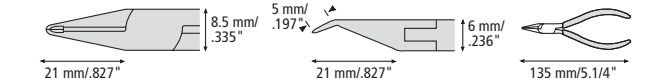
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20



**OBLIQUE CUTTERS**

Extra long, slim jaws, for very confined spaces.

Also for SMD-use.



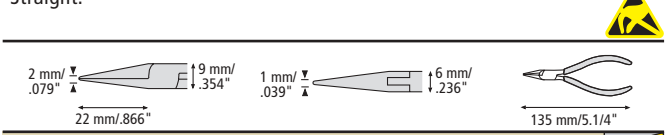
**3871DF-120** Full flush.

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



**SNIPE NOSE PLIERS**

Straight.



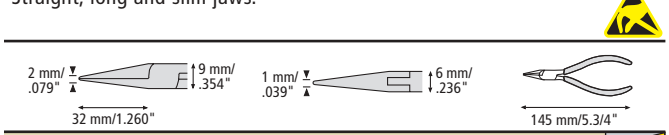
**3772D-120** Smooth jaws.

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



**SNIPE NOSE PLIERS**

Straight, long and slim jaws.



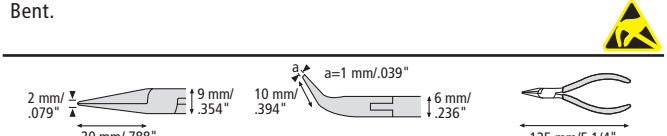
**3772D-130** Smooth jaws.

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



**SNIPE NOSE PLIERS**

Bent.



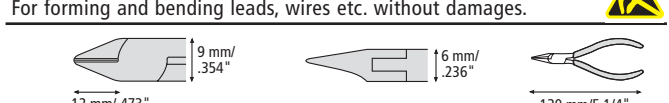
**3767D-120** Smooth jaws.



**SNIPE 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

Zippered 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

Zippered 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.





PREMIER

Safe and comfortable in daily use, timeless and functional in style, dissipative and therefore suitable for ESD-use – these features describe the allround properties of this range. C.K Premier Cutters and Pliers offer solutions in all fields of electronic production, service and ESD-areas.

- 1 Comfortable grips made of black, thermoplastic material, fixed securely to the steel handles.
- 2 Textured, broad surface: non-slipping for high safety and good working comfort.
- 3 Dissipative for universal use including ESD-areas.
- 4 Spot-welded double leaf springs ensure consistently repeatable functioning for a lifetime of top performance. Cannot be lost.
- 5 Precision box joint means butter smooth action for exact guidance of jaws without need of readjustment.
- 6 Mirror polishing notably reduces risk of corrosion, chrome flaking and is easy to clean.
- 7 Long-life cutting edges are induction hardened to maintain cutting ease.

PREMIER – the Allround Pliers and Cutters in the C.K range.

MADE IN GERMANY



SIDE CUTTERS			
Oval head.			
<b>3880HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16
<b>3880HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16



SIDE CUTTERS			
Tapered head.			
<b>3780HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18
<b>3780HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18



SIDE CUTTERS			
Tapered and relieved head. Also for SMD-use.			
<b>3766HF-110</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18
<b>3766HEF-110</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18



SIDE CUTTERS			
Oval head. With wire catch.			
<b>3882HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16
<b>3882HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16

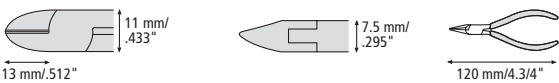


SIDE CUTTERS			
Tapered and relieved head.			
<b>3766HF-120</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.8 / 20	1.2 / 16
<b>3766HEF-120</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.8 / 20	1.2 / 16



SIDE CUTTERS

Oval head.

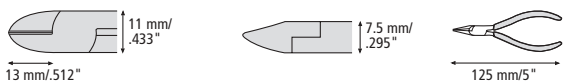


<b>3773H</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15
<b>3773HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15
<b>3773HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15



SIDE CUTTERS

Oval head. Laid-on joint.

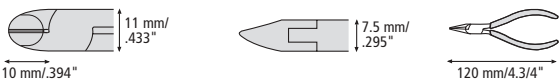


<b>3774H</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15



SIDE CUTTERS

Oval head. Tungsten Carbide edges.  
Not for soft material.

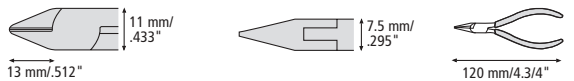


<b>3779H</b>	Mini bevel.		
Wire:	piano	hard	nickel
mm / AWG	0.6 / 22	1.0 / 18	1.2 / 16



SIDE CUTTERS

Tapered head.

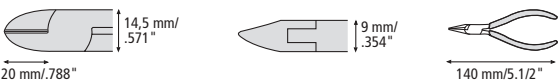


<b>3781H</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.2 / 16
<b>3781HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16
<b>3781HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



SIDE CUTTERS

Oval head. Heavy pattern. High cutting capacity.

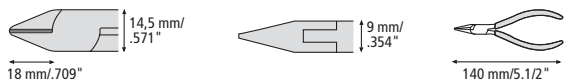


<b>3775H</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.7 / 21	1.5 / 15	2.0 / 12
<b>3775HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.5 / 15	2.0 / 12
<b>3775HEF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.5 / 15	2.0 / 12



SIDE CUTTERS

Tapered head. Heavy pattern. High cutting capacity.

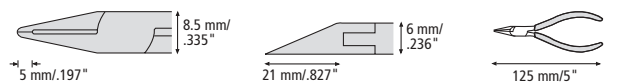


<b>3768H</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.5 / 24	1.2 / 16	1.8 / 13



STRAIGHT TIP CUTTER

Extra long, slim jaws, for very confined spaces.  
Also for SMD-use

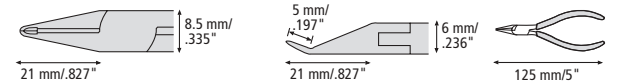


<b>3870HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	-	0.6 / 22



OBLIQUE CUTTERS

Extra long, slim jaws. For very confined spaces.  
Also for SMD-use.

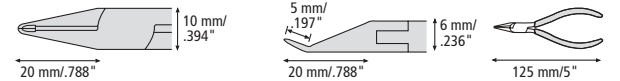


<b>3871HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	-	0.6 / 22



OBLIQUE CUTTERS

Slim head. For confined spaces.

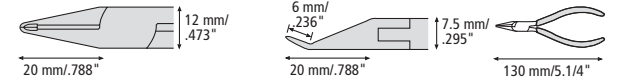


<b>3786HF-120</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20



OBLIQUE CUTTERS

Heavy pattern. For longer life.

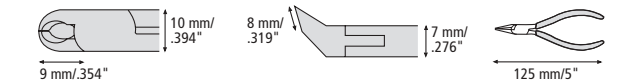


<b>3786HF-125</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.8 / 20	1.0 / 18



OBLIQUE CUTTERS

Short head, relieved jaws. High cutting capacity.

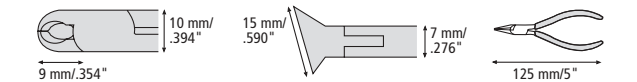


<b>3798HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	0.5 / 24	1.2 / 16	1.6 / 14



OBLIQUE CUTTERS

Wide head and long cutting edges.



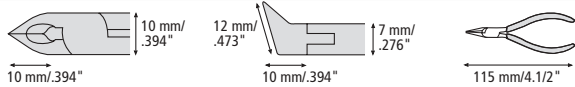
<b>3778HF</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	0.5 / 24	1.2 / 16	1.6 / 14





ANGLED FLUSH CUTTERS

Oblique head angled at 29°. Horizontal and vertical use.  
Strong, handy.

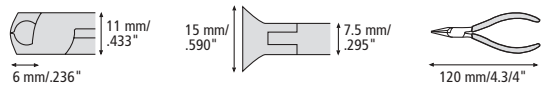


<b>3799HF</b>		<b>Full flush.</b>	
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.2 / 16



TOP CUTTERS

Wide head and long cutting edges.

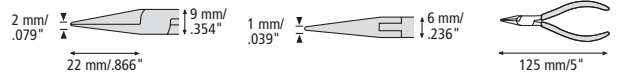


<b>3776HF-115</b>		<b>Full flush.</b>	
Wire:	hard	soft steel	copper
mm / AWG	0.5 / 24	1.2 / 16	1.6 / 14



SNIPE NOSE PLIERS

Straight.



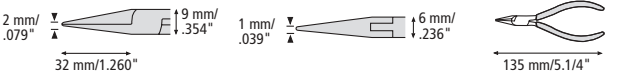
<b>3772H-120</b>	<b>Smooth jaws.</b>
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<b>3772-1H-120</b>	<b>Serrated jaws.</b>
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SNIPE NOSE PLIERS

Straight. Long jaws.



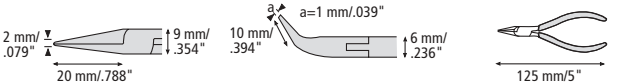
<b>3772H-130</b>	<b>Smooth jaws.</b>
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<b>3772-1H-130</b>	<b>Serrated jaws.</b>
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SNIPE NOSE PLIERS

Bent.



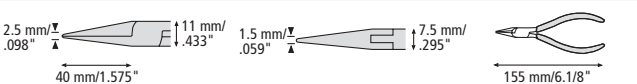
<b>3767H</b>	<b>Smooth jaws.</b>
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<b>3767-1H</b>	<b>Serrated jaws.</b>
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SNIPE NOSE PLIERS

Straight.



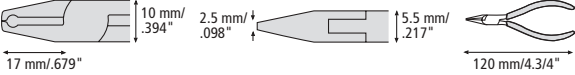
<b>3777H</b>	<b>Serrated jaws.</b>
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<b>3777-1H</b>	<b>Smooth jaws.</b>
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TOP CUTTERS

Slim head. For confined spaces.



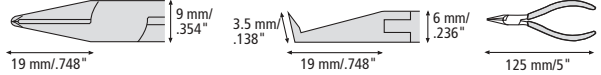
<b>3784HF-115</b>	<b>Full flush.</b>
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Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20



REVERSE ANGLE CUTTERS, OUTSIDE

Extra slim head. Outside full flush cutting edge, for extreme close cuts in front of components.



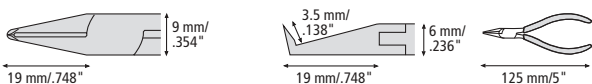
<b>3874HF</b>	<b>Full flush.</b>
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Wire:	hard	soft steel	copper
mm / AWG	-	-	0.6 / 22



REVERSE ANGLE CUTTERS, INSIDE

Extra slim head. Inside full flush cutting edge, for extreme close cuts behind components.



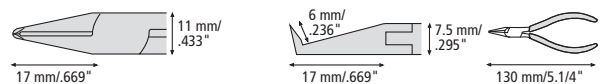
<b>3873HF</b>	<b>Full flush.</b>
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Wire:	hard	soft steel	copper
mm / AWG	-	-	0.6 / 22



REVERSE ANGLE CUTTERS, INSIDE

Slim, yet strong head. High cutting capacity. Inside full flush cutting edge, for extreme close cuts behind components, e. g. DIL-contacts.



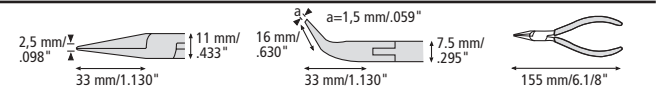
<b>3875HF</b>	<b>Full flush.</b>
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Wire:	hard	soft steel	copper
mm / AWG	-	0.8 / 20	1.2 / 16



SNIPER NOSE PLIERS

Bent.



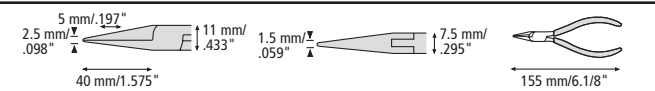
3769H Serrated jaws.

3769-1H Smooth jaws.



SNIPER NOSE PLIERS

With cutting edge.



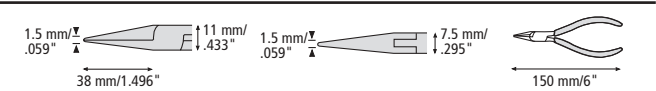
3763H Serrated jaws.

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



NEEDLE NOSE PLIERS

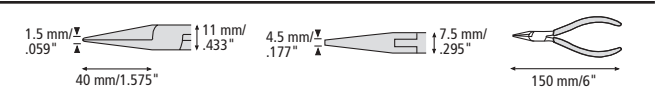
Straight. Extra slim jaws and fine tips.



3783H Smooth jaws.



FLAT NOSE PLIERS

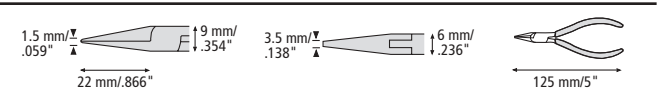


3789H Smooth jaws.

3789-1H Serrated jaws.



FLAT NOSE PLIERS

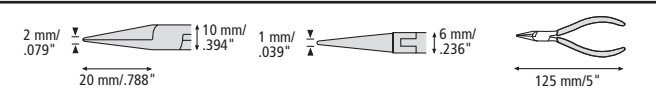


3770H Smooth jaws.

3770-1H Serrated jaws.



ROUND NOSE PLIERS



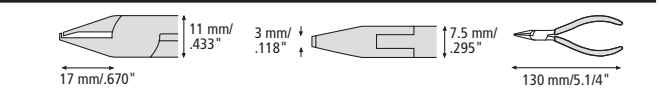
3771H Smooth jaws.



CUTTING-BENDING PLIERS

Cuts wire to 1.5 mm / 0.06" above PCB and bends wire rest to 45°.

Squeezing at same time.



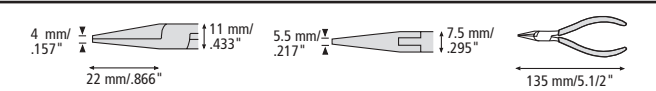
3762H

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



WIRE BENDING PLIERS

Bends wire to crimp shape.



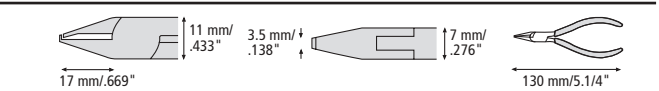
3765H

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



DISTANCE CUTTERS

Cuts wire to 1.5 mm / .06" distance above PCB.



3785H-4

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



3703H

6 PIECE PLIERS SET IN ZIP WALLET

Zippered 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	3772H-120
Snipe Nose Pliers, bent	3767H
Flat Nose Pliers	3770H
Side Cutters	3773H
Side Cutters	3780HF
Oblique Cutters	3799HF

3703L

EMPTY ZIP WALLET

Like above, but empty.



CLASSIC

C.K. - as one of the first tool companies - already many years ago laid with these Cutters and Pliers the foundation for the world wide success of the C.K Precision Tools for the Electronics Industry.

Although not suitable for ESD-areas, C.K-CLASSIC Cutters and Pliers are being used in many fields in the electronic, but also for other fine jobs in fine mechanics, model making, jewellery and watch making – simply wherever is need for small, light, yet strong tools.

1 Grips black plastic coated: comfortable, anti-slip, pleasant. Not for ESD.

2 Spot-welded double leaf springs ensure consistently repeatable functioning for a lifetime of top performance. Cannot be lost.

3 Precision box joint means butter smooth action for exact guidance of jaws without need of readjustment.

4 Mirror polishing notably reduces risk of corrosion, chrome flaking and is easy to clean.

5 Long-life cutting edges are induction hardened to maintain cutting ease.

CLASSIC – top in quality as from the very beginning.

MADE IN GERMANY



SIDE CUTTERS

Oval head.

<b>3880F</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16
<b>3880EF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.2 / 16



SIDE CUTTERS

Oval head.

<b>3773</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15
<b>3773F</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.5 / 15
<b>3773EF</b>	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.

<b>3779</b>	Mini bevel.		
Wire:	piano	hard	nickel
mm / AWG	0.6 / 22	1.0 / 18	1.2 / 16

SIDE CUTTERS

Tapered head.

<b>3780F</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18
<b>3780EF</b>	Extra full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	1.0 / 18



SIDE CUTTERS

Oval head. Laid-on joint.

<b>3774</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15



SIDE CUTTERS

Tapered head.

<b>3781</b>	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.2 / 16
<b>3781F</b>	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	1.0 / 18	1.2 / 16



**SIDE CUTTERS**  
Oval head. Heavy pattern. High cutting capacity.

20 mm/.788"	14.5 mm/.571"	9 mm/.354"
135 mm/5.1/4"		
<b>3775</b>	<b>Mini bevel.</b>	
Wire: hard	soft steel	copper
mm / AWG 0.7 / 21	1.5 / 15	2.0 / 12
<b>3775F</b>	<b>Full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG -	1.5 / 15	2.0 / 12
<b>3775EF</b>	<b>Extra full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG -	1.5 / 15	2.0 / 12



**TOP CUTTERS**  
Wide head and long cutting edges.

6 mm/.236"	11 mm/.433"	15 mm/.590"
115 mm/4.1/2"		
<b>3776F-115</b>	<b>Full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG 0.5 / 24	1.2 / 16	1.6 / 14



**OBLIQUE CUTTERS**  
Slim head. For confined spaces.

20 mm/.788"	10 mm/.394"	5 mm/.197"
120 mm/4.3/4"		
<b>3786F-120</b>	<b>Full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG -	0.6 / 22	0.8 / 20



**SIDE CUTTERS**  
Tapered head. Heavy pattern. High cutting capacity.

18 mm/.709"	14.5 mm/.571"	9 mm/.354"
135 mm/5.1/4"		
<b>3768</b>	<b>Mini bevel.</b>	
Wire: hard	soft steel	copper
mm / AWG 0.5 / 24	1.2 / 16	1.8 / 13



**TOP CUTTERS**  
Very wide and heavy head with long cutting edges.  
High cutting capacity.

9 mm/.354"	14 mm/.550"	23 mm/.900"
130 mm/5.1/4"		
<b>3776-130</b>	<b>Mini bevel.</b>	
Wire: hard	soft steel	copper
mm / AWG 1.2 / 16	2.0 / 12	2.5 / 10
<b>3776-EF130</b>	<b>Extra full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG -	2.0 / 12	2.5 / 10



**ANGLED FLUSH CUTTERS**  
Oblique head angled at 29°. Horizontal and vertical use.  
Strong, handy.

10 mm/.394"	10 mm/.394"	12 mm/.473"
110 mm/4.1/4"		
<b>3799F</b>	<b>Full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG 0.4 / 26	1.0 / 18	1.2 / 16



**OBLIQUE CUTTERS**  
Long jaws. Guide pin. Without springs.

45 mm/1.77"	15 mm/.590"	10 mm/.394"
165 mm/6.1/2"		
<b>3793</b>	<b>Mini bevel.</b>	
Wire: hard	soft steel	copper
mm / AWG -	0.7 / 21	0.7 / 21



**SNIPE NOSE PLIERS**  
Straight.

2 mm/.079"	9 mm/.354"	1 mm/.039"
22 mm/.866"		120 mm/4.3/4"
<b>3772-120</b>	<b>Smooth jaws.</b>	
<b>3772-1-120</b>	<b>Serrated jaws.</b>	



**SNIPE NOSE PLIERS**  
Bent.

2 mm/.079"	9 mm/.354"	10 mm/.394"
20 mm/.788"		20 mm/.788"
<b>3767</b>	<b>Smooth jaws.</b>	



**OBLIQUE CUTTERS**  
Wide head and long cutting edges.

9 mm/.354"	10 mm/.394"	15 mm/.590"
120 mm/4.3/4"		
<b>3778F</b>	<b>Full flush.</b>	
Wire: hard	soft steel	copper
mm / AWG 0.5 / 24	1.2 / 16	1.6 / 14



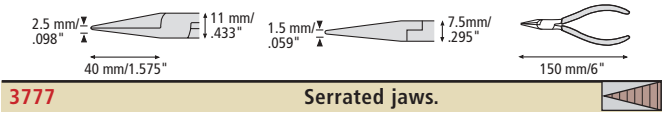
**SNIPE NOSE PLIERS**  
Long jaws. Straight.

2 mm/.079"	9 mm/.354"	1 mm/.039"
32 mm/1.260"		130 mm/5.1/4"
<b>3772-130</b>	<b>Smooth jaws.</b>	
<b>3772-1-130</b>	<b>Serrated jaws.</b>	

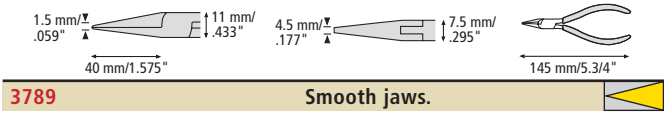




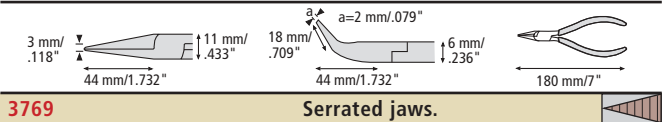
**SNIFE NOSE PLIERS**  
Straight.



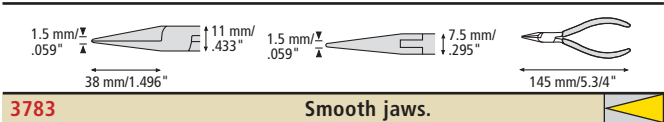
**ROUND NOSE PLIERS**



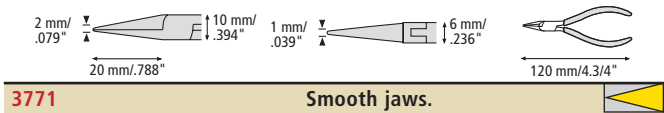
**SNIFE NOSE PLIERS**  
Bent.



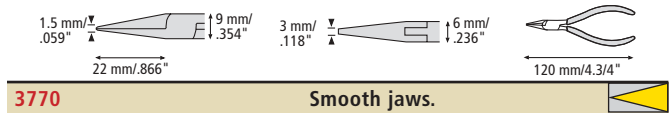
**NEEDLE NOSE PLIERS**  
Straight. Extra slim jaws and fine tips.



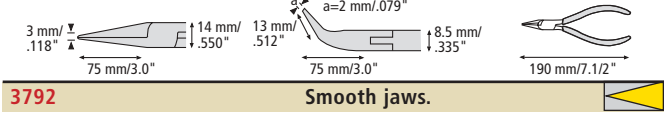
**ROUND NOSE PLIERS**



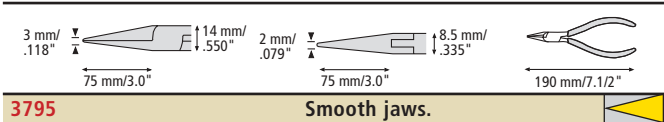
**FLAT NOSE PLIERS**



**SNIFE NOSE PLIERS**  
Bent. Without springs.



**SNIFE NOSE PLIERS**  
Straight. Without springs.



**▲ 3703**  
**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	3772-120
Snipe Nose Pliers, bent	3767
Flat Nose Pliers	3770
Side Cutters	3773
Side Cutters	3780F
Oblique Cutters	3799F

**3703L**  
**EMPTY ZIP WALLET**

Like above, but empty.



ECOTRONIC

All Cutters and Pliers of the Ecotronic range are made to the same quality specifications like all other C.K Electronic Pliers. The cost-saving use of blanks with laid-in joint and the black finish result in a very attractive value for money.

- 1 Grips red plastic coated: comfortable, anti-slip, pleasant. Not for ESD.
- 2 Spot-welded double leaf springs ensure consistently repeatable functioning for a lifetime of top performance. Cannot be lost.
- 3 Laid-in rivet joint: manufactured precisely and carefully.
- 4 Black steel finish: anti-reflex and anti-chrome flaking.
- 5 Long-life cutting edges are induction hardened to maintain cutting ease.

ECOTRONIC – high quality very attractively priced.

MADE IN GERMANY



SIDE CUTTERS			
Oval head.			
3953	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.4 / 26	1.0 / 18	1.5 / 15



SIDE CUTTERS			
Oval head. Heavy pattern. High cutting capacity.			
3955	Mini bevel.		
Wire:	hard	soft steel	copper
mm / AWG	0.7 / 21	1.5 / 15	2.0 / 12



TOP CUTTERS			
Slim head. For confined spaces.			
3954F	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20



SIDE CUTTERS			
Tapered and relieved head.			
3966F	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.8 / 20	1.2 / 16



OBLIQUE CUTTERS			
Slim head. For confined spaces.			
3956F	Full flush.		
Wire:	hard	soft steel	copper
mm / AWG	-	0.6 / 22	0.8 / 20

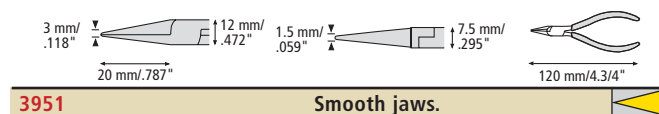


SNIPE NOSE PLIERS			
Straight.			
3952	Smooth jaws		

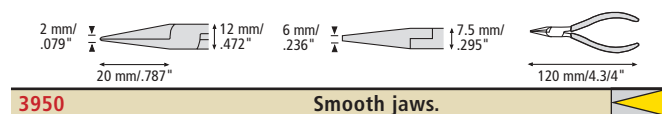




**ROUND NOSE PLIERS**

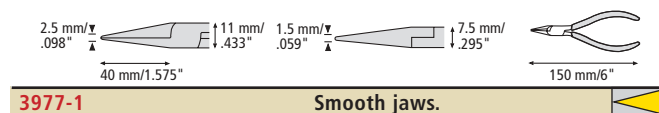


**FLAT NOSE PLIERS**



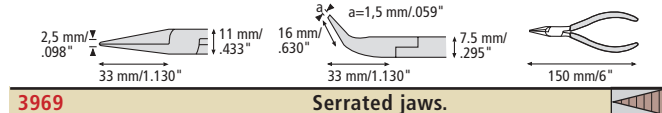
**SNIPE NOSE PLIERS**

Straight.

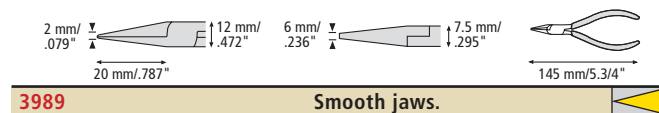


**SNIPE NOSE PLIERS**

Gebogen.



**FLAT NOSE PLIERS**



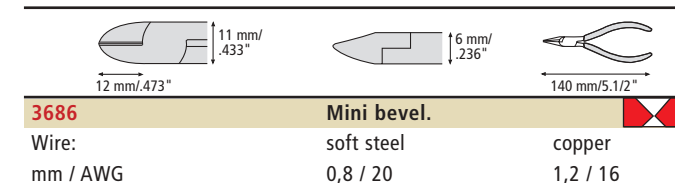
## EXTRA LONG ELECTRONIC PLIERS

The long handles and the slim design enable access to very confined spaces, which cannot be reached with normal pliers or cutters. High Alloy Steel, drop forged. Coil spring. Polished. Red coated grips.



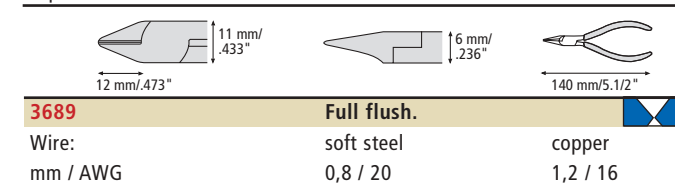
**SIDE CUTTERS**

Oval head.



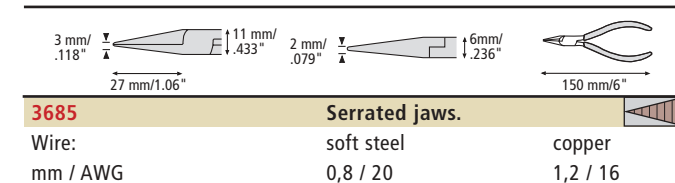
**SIDE CUTTERS**

Tapered head.



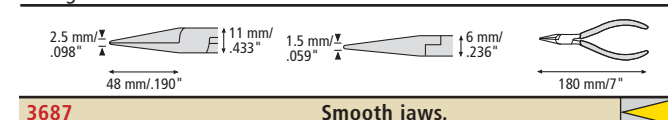
**SNIPE NOSE PLIERS**

With cutter.

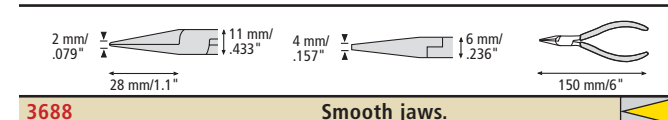


**NEEDLE NOSE PLIERS**

Straight.

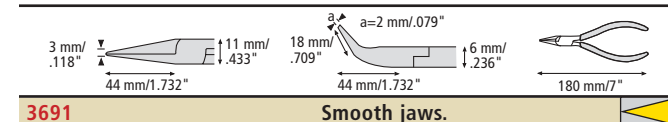


**FLAT NOSE PLIERS**



**NEEDLE NOSE PLIERS**

Bent.



◀ **3690**

**6 PIECE PLIERS SET** 220 x 160 x 38 mm

each 1 only 3685, 3686, 3687, 3688, 3689, 3691.

In zipped service wallet. Imitation leather.