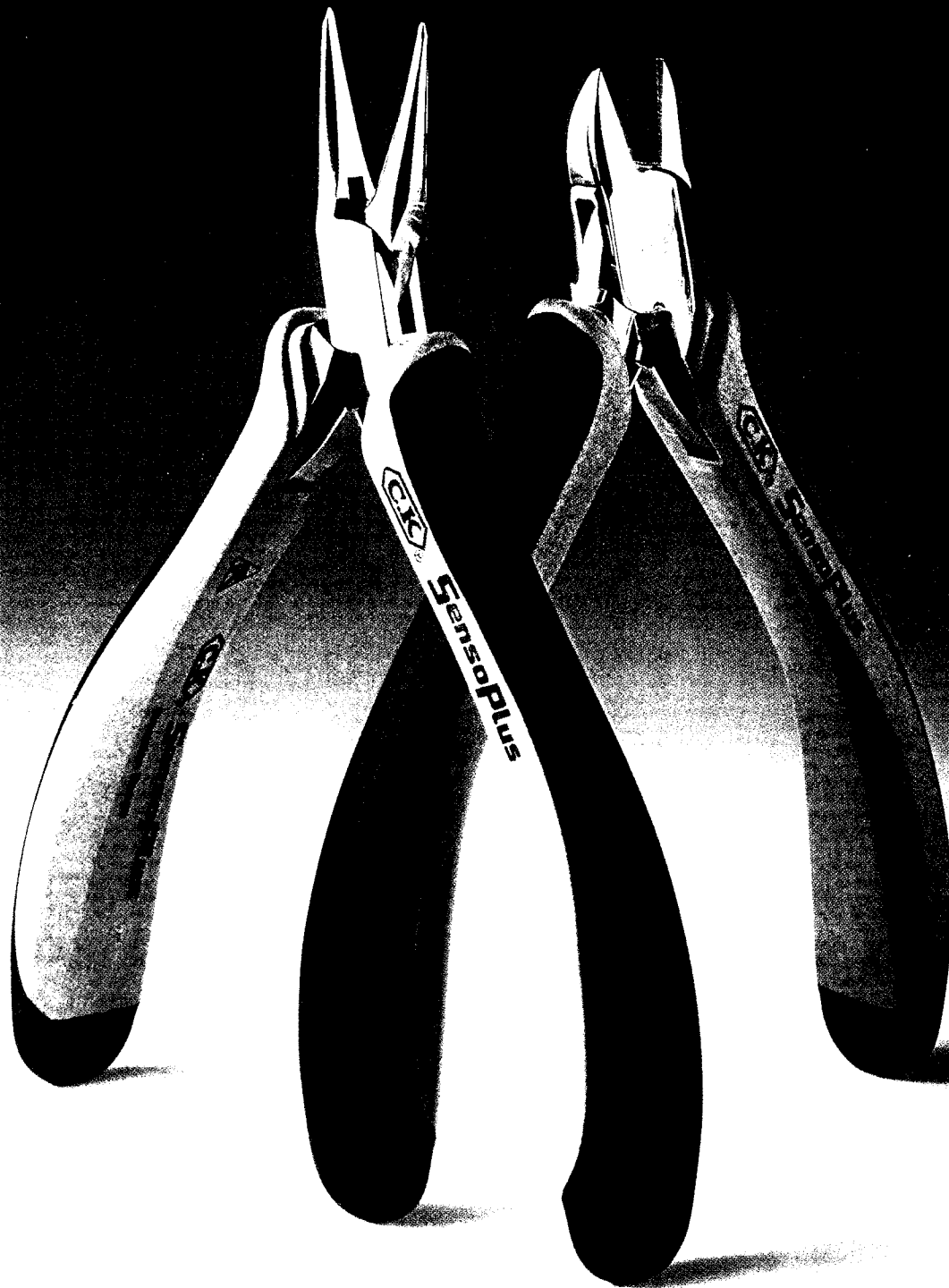




A friend for life

**SensoPlus**

Made in Germany



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Die aktuelle Synthese aus Form und Technik, rundum überzeugend.

A new handle design tailored to your hand's shape & feel.

Nouvelle forme de manche adaptée à celle de la main.

---

## Die aktuelle Synthese aus Form und Technik, rundum überzeugend.

Eine dem natürlichen Verlauf der Hand angepasste, fließende Linienführung in den richtigen Proportionen.

Die Garantie für ermüdungsfreies, kontrolliertes, sicheres und schnelles Arbeiten in bisher ungekannter Qualität.

### Ergonomie in optimalem Design.

- 1.** Zwei-Komponentengriff mit bündig eingelassenem, weichem Thermoplast-Material, rutschhemmend und angenehm.
- 2.** Abgleitschutz für kontrolliertes und konzentriertes Arbeiten.
- 3.** Unverlierbare, eingeschweißte Doppelblattfeder: garantiert optimale Funktion über die ganze Lebensdauer.



- 4.** Durchgestecktes Präzisionsgelenk: genaue Führung der Backen ohne Nachjustieren bei hoher Lebensdauer.
- 5.** Spiegelpolitur: optimaler Korrosionsschutz ohne Chrom bei leichter Pflege.
- 6.** Induktivhärtung der Schneiden: hohe Härte für lange Schnitthaltigkeit.

## 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.

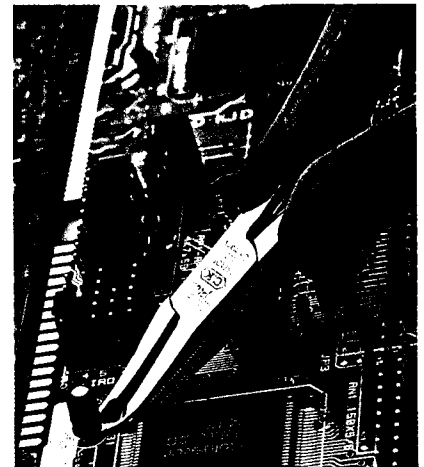
- 1.** Soft, comfortable and slip-free thermo plastic material compound grips.
- 2.** Anti-slip bow enhances pinpoint control.
- 3.** Spot-welded double leaf spring ensures consistently repeatable functioning for a lifetime of top performance.
- 4.** Precision box joint means butter smooth action for exact guidance of jaws without need for re-adjustment.
- 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.



## Nouvelle forme de manche adaptée à celle de la main.

Contour idéal scientifiquement étudié aux formes naturelles de la main.

### Un design ergonomique optimal.



- 1.** Gainage bi-matières souple, confortable, et antidérapant. Préhension comparable au touché de la peau, éliminant pression, irritation pour un meilleur confort d'utilisation.
- 2.** Arrondi des branches anti-dérapant.
- 3.** Double ressorts de rappel soudés assurant une excellente maniabilité.
- 4.** Articulation entrecassée, transmission optimale et plus précise des mâchoires sans rattrapage du jeu.
- 5.** La finition "Poli-brillant" garantit une protection efficace contre la corrosion et les risques de "pelage" ne nécessitant aucun entretien.
- 6.** Le traitement spécial des tranchants trempés haute fréquence assure une durée de vie et une performance optimale.

# SensoPlus®

Perfekte Form und Technik für anspruchsvolle Anwender - erstaunlich preiswert für höchste Wirtschaftlichkeit.

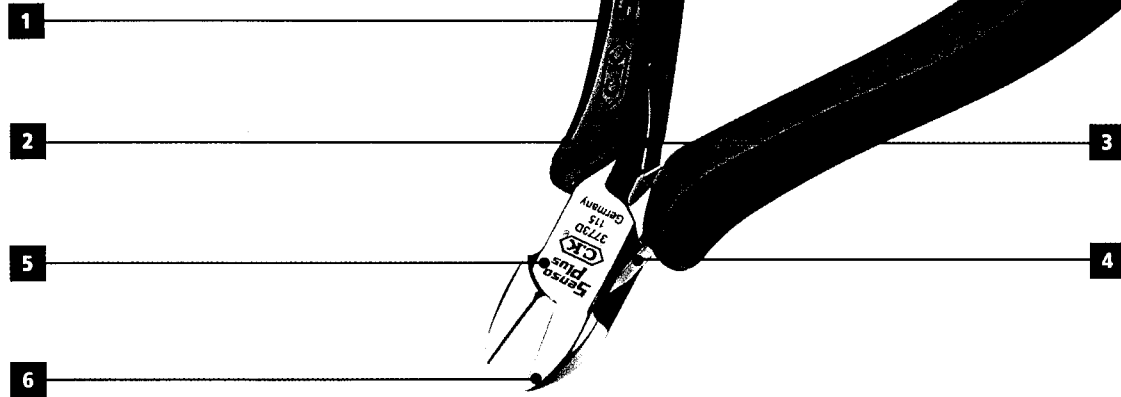
Over-all function, beauty, and reliability backed by one of the world's outstanding experts for professional tools

Toutes les fonctions, la fiabilité, pour un meilleur confort. La Référence de l'Outillage à Main Electronique.

Auch im EGB-Bereich einsetzbar, ableitend.

Also for use in ESD-areas, dissipative.

Utilisation en Zone Protégée  
Contre les ESD matière dissipative.



### DIE SCHNEIDEN-FORMEN

#### MINIWATE:

Universell einsetzbar an harten und weichen Stahldrähten sowie weichen Materialien wie Kupferdraht und Kabel. Höchste Lebensdauer.

#### OHNE WATE:

Fast bündiger Schnitt. Feine Schneiden. Einsetzbar an weichen Stahldrähten, Kupferdraht und Kabel.

#### VÖLLIG OHNE WATE:

Absolut bündiger Schnitt. Extrem feine Schneiden. Nur für weiche Stahldrähte, Kupferdraht und Kabel.

### TYPES OF CUTTING EDGES

#### MINI BEVEL:

Designed for the cutting of hard and soft steel wires as well as softer materials like copper wire and cable. For long life.

#### FULL FLUSH:

Almost full flush cutting. Fine cutting edges. For soft steel as well as copper wires and cable.

#### EXTRA FULL FLUSH:

For absolutely flat cuts of soft steel, copper wires and cable. Extremely fine cutting edges.

### TYPES DE TRANCHANTS

#### MINI-CHANFREIN

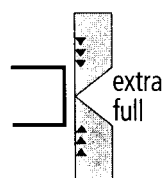
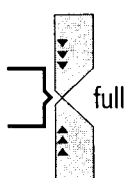
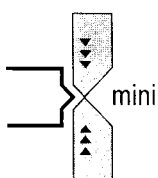
Chanfrein convenant à tous types de conducteurs (tendres ou durs).

#### COUPE SEMI-RASE

Très proche de la coupe à ras, mais avec un léger chanfrein.

#### COUPE A RAS

Coupe à ras, laissant la section du fil plate. Pour conducteurs tendres uniquement.



Drahtart type of wire Fil		harter Stahldraht hard steel wire acier dur	weicher Stahldraht soft steel wire acier doux	Kupfer copper cu
No.	Größe / Size	mm / AWG	mm / AWG	mm / AWG
3766DF, DEF	120 mm / 4.1/2"	-	0.6 / 22	1.0 / 18
3773D	125mm / 5"	0.4 / 26	1.0 / 18	1.5 / 15
3773DF, DEF	125mm / 5"	-	1.0 / 18	1.5 / 15
3775D	145mm / 5.3/4"	0.7 / 21	1.5 / 15	2.0 / 12
3780DF	120 mm / 4.1/2"	-	0.6 / 22	1.0 / 18
3781 D	125 mm / 5"	0.4 / 26	1.0 / 18	1.2 / 16
3781DF, DEF	125mm / 5"	-	1.0 / 18	1.2 / 16
3786DF	130 mm / 5.1/4"	-	0.6 / 22	0.8 / 20
3799DF	120 mm / 4.3/4"	0.4 / 26	1.0 / 18	1.2 / 16
3871DF	130 mm / 5.1/4"	-	-	0.6 / 22
3880DF	120 mm / 4.1/2"	-	0.6 / 22	1.2 / 16

#### Hinweis:

Die in Tabelle und Produktbeschreibung angegebenen Drahtsorten und Schneidkapazitäten beziehen sich auf runde Drähte.

#### Information:

Wire types as well as cutting capacities in this brochure refer to round wires.

#### Information:

Les types de fil ainsi que les capacités de coupe indiquées dans cette brochure se réfèrent à des fils ronds.



### 3780DF - 110

120 mm 4.1/2"

**Seitenschneider**  
Kopf spitz.  
**Ohne Wate.**

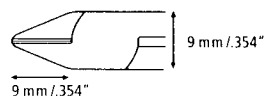
**Side Cutters**  
Tapered head.  
**Full flush.**

**Pince Coupante Diagonale**  
Mâchoires pointues.  
**Micro-chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm —  
AWG —

weicher Stahl  
soft steel  
acier doux  
0.6  
22

Kupfer  
copper  
Cu  
1.0  
18



### 3880DF - 110

120 mm 4.1/2"

**Seitenschneider**  
Kopf oval.  
**Ohne Wate.**

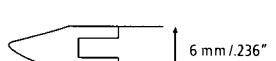
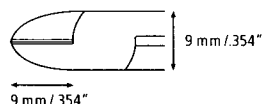
**Side Cutters**  
Oval head.  
**Full flush.**

**Pinces Coupante Diagonale**  
Mâchoires ovales.  
**Micro-chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm —  
AWG —

weicher Stahl  
soft steel  
acier doux  
0.6  
22

Kupfer  
copper  
Cu  
1.2  
16



### 3766DF - 110

120 mm 4.1/2"

**Seitenschneider**  
Kopf spitz und abgeflacht.  
**Ohne Wate.**

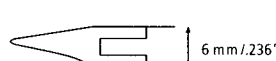
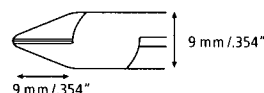
**Side Cutters**  
Tapered and relieved head.  
**Full flush.**

**Pince Coupante Diagonale**  
Mâchoires pointues et évidées.  
**Micro-chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm —  
AWG —

weicher Stahl  
soft steel  
acier doux  
0.6  
22

Kupfer  
copper  
Cu  
1.0  
18



### 3766DEF - 110

120 mm 4.1/2"

**Seitenschneider**  
Kopf spitz und abgeflacht.  
**Völlig ohne Wate.**

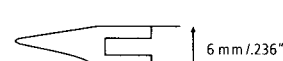
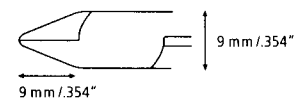
**Side Cutters**  
Tapered and relieved head.  
**Extra Full flush.**

**Pince Coupante Diagonale**  
Mâchoires pointues et évidées.  
**Coupe à ras.**

Draht: hart  
Wire: hard  
Fil: dur  
mm —  
AWG —

weicher Stahl  
soft steel  
acier doux  
0.6  
22

Kupfer  
copper  
Cu  
1.0  
18



### 3773D - 115

125 mm 5"

**Seitenschneider**  
Kopf oval.  
**Mini-Wate.**

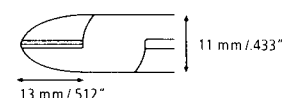
**Side Cutters**  
Oval head.  
**Mini bevel.**

**Pince Coupante Diagonale**  
Mâchoires ovales.  
**Avec chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm 0.4  
AWG 26

weicher Stahl  
soft steel  
acier doux  
1.0  
18

Kupfer  
copper  
Cu  
1.5  
15

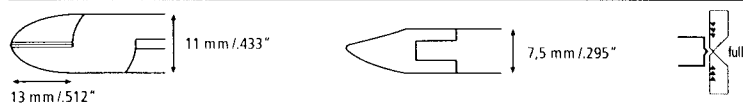


**3773DF - 115**

**125 mm 5"**

<b>Seitenschneider</b> Kopf oval. <i>Ohne Wate.</i>	<b>Side Cutter</b> Oval head. <i>Full flush.</i>	<b>Pince Coupante Diagonale</b> Mâchoires ovales. <i>Micro-chanfrein.</i>
---	--	---

Draht: hart	weicher Stahl	Kupfer
Wire: hard	soft steel	copper
Fil: dur	acier doux	Cu
mm —	1.0	1.5
AWG —	18	15

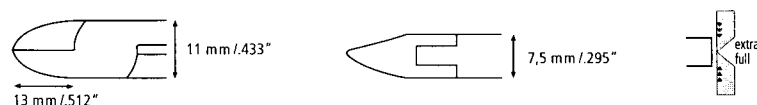


**3773DEF - 115**

**125 mm 5"**

<b>Seitenschneider</b> Kopf oval. <i>Völlig ohne Wate.</i>	<b>Side Cutters</b> Oval head. <i>Extra full flush.</i>	<b>Pince Coupante Diagonale</b> Mâchoires ovales. <i>Coupe à ras.</i>
--	---	---

Draht: hart	weicher Stahl	Kupfer
Wire: hard	soft steel	copper
Fil: dur	acier doux	Cu
mm —	1.0	1.5
AWG —	18	15

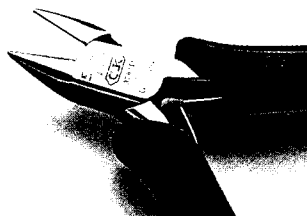
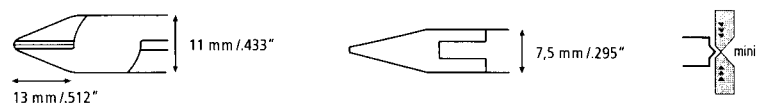


**3781D - 115**

**125 mm 5"**

<b>Seitenschneider</b> Kopf spitz. <i>Mini-Wate.</i>	<b>Side Cutters</b> Tapered head. <i>Mini bevel.</i>	<b>Pince Coupante Diagonale</b> Mâchoires pointues. <i>Avec chanfrein.</i>
--	--	--

Draht: hart	weicher Stahl	Kupfer
Wire: hard	soft steel	copper
Fil: dur	acier doux	Cu
mm 0.4	1.0	1.2
AWG 26	18	16

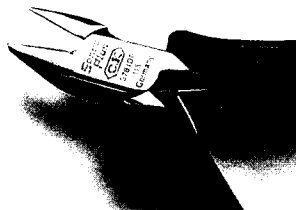
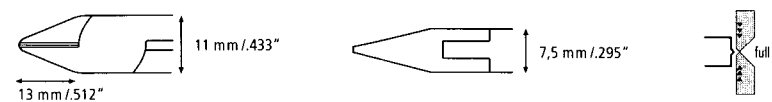


**3781DF - 115**

**125 mm 5"**

<b>Seitenschneider</b> Kopf spitz. <i>Ohne Wate.</i>	<b>Side Cutters</b> Tapered head. <i>Full flush.</i>	<b>Pince Coupante Diagonale</b> Mâchoires pointues. <i>Micro-chanfrein.</i>
--	--	---

Draht: hart	weicher Stahl	Kupfer
Wire: hard	soft steel	copper
Fil: dur	acier doux	Cu
mm —	1.0	1.2
AWG —	18	16

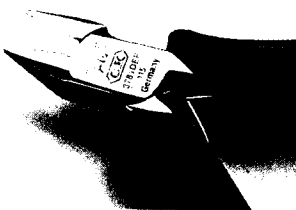
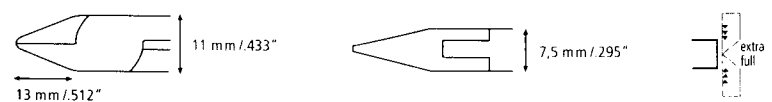


**3781DEF - 115**

**125 mm 5"**

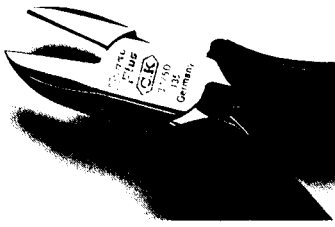
<b>Seitenschneider</b> Kopf spitz. <i>Völlig ohne Wate.</i>	<b>Side Cutters</b> Tapered head. <i>Extra full flush.</i>	<b>Pince Coupante Diagonale</b> Mâchoires pointues. <i>Coupe à ras.</i>
---	--	---

Draht: hart	weicher Stahl	Kupfer
Wire: hard	soft steel	copper
Fil: dur	acier doux	Cu
mm —	1.0	1.2
AWG —	18	16



**3775D - 135**

**145 mm 5.3/4"**



**Seitenschneider**  
Kopf oval.  
Kräftiges Modell.  
**Mini-Wate.**

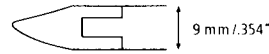
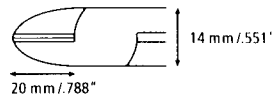
**Side Cutters**  
Oval head.  
Heavy pattern.  
**Mini bevel.**

**Pince Coupante Diagonale**  
Machoirs ovales.  
Version grand rendement.  
**Avec chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm 0.7  
AWG 21

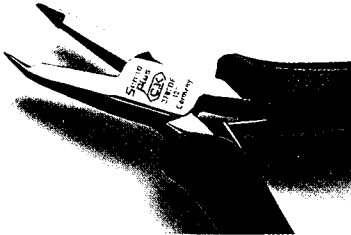
weicher Stahl  
soft steel  
acier doux  
1.5  
15

Kupfer  
copper  
Cu  
2.0  
12



**3786DF - 120**

**130 mm 5.1/4"**



**Schrägschneider**  
Kopf schmal.  
Für enge Platzverhältnisse.  
**Ohne Wate.**

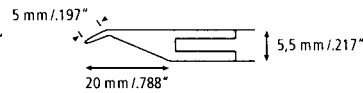
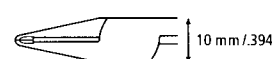
**Oblique Cutters**  
Slim head.  
For confined spaces.  
**Full flush.**

**Pince Coupante Oblique**  
Machoirs effilées.  
Pour endroits confinés  
et restraints.  
**Micro-chanfrein.**

Draht: hart  
Wire: hard  
Fil: dur  
mm —  
AWG —

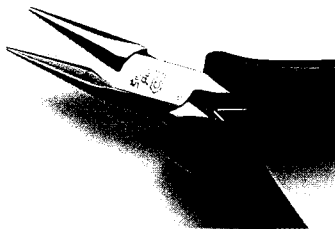
weicher Stahl  
soft steel  
acier doux  
0.6  
22

Kupfer  
copper  
Cu  
0.8  
20



**3772D-120**

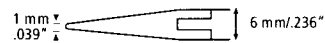
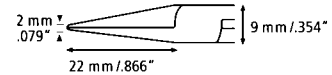
**135 mm 5.1/4"**



**Spitzzange**  
Ohne Hieb.  
Gerade.

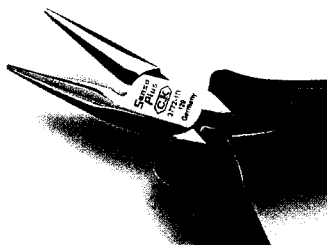
**Snipe Nose Pliers**  
Smooth jaws.  
Straight.

**Pince à Becs demi-ronds**  
Mors lisses.  
Droite.



**3772-1D-120**

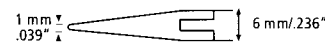
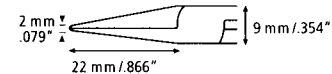
**135 mm 5.1/4"**



**Spitzzange**  
Mit Hieb.  
Gerade.

**Snipe Nose Pliers**  
Serrated jaws. Straight.  
Straight.

**Pince à Becs demi-ronds**  
Mors striés.  
Droite.



**3777D - 150**

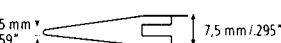
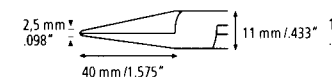
**165 mm 6.1/2"**



**Spitzzange**  
Mit Hieb.  
Gerade.

**Snipe Nose Pliers**  
Serrated jaws. Straight.  
Straight.

**Pince à Becs demi-ronds**  
Mors striés.  
Droite.



### 3871DF - 120

130 mm 5.1/4"

#### Schrägschneider

Kopf extra schmal.  
Für engste Platzverhältnisse.  
**Ohne Wate.**

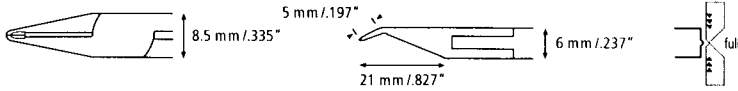
#### Oblique Cutters

Extra slim head.  
For very confined spaces.  
**Full flush.**

#### Pince Coupante Oblique

Mâchoires extra-longues effilées.  
Pour endroits confinés et restreints.  
**Micro-chanfrein.**

Draht:	hart	weicher Stahl	Kupfer
Wire:	hard	soft steel	copper
Fil:	dur	acier doux	Cu
mm	—	—	0.6
AWG	—	—	22



### 3799DF - 110

120 mm 4.3/4"

#### Schrägschneider

Schnittfläche um 29°  
abgewinkelt. Horizontaler  
und vertikaler Einsatz.  
**Ohne Wate.**

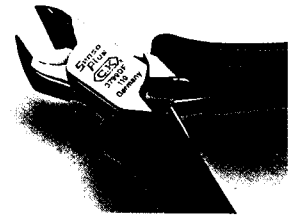
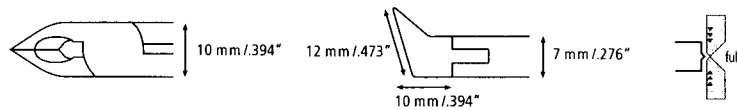
#### Angled Flush Cutters

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

#### Pince Coupante Oblique

Mâchoires inclinées à 29°.  
Usage horizontal et verticale.  
**Micro-chanfrein.**

Draht:	hart	weicher Stahl	Kupfer
Wire:	hard	soft steel	copper
Fil:	dur	acier doux	Cu
mm	0.4	1.0	1.2
AWG	26	18	16



### 3770D - 120

135 mm 5.1/4"

#### Flachzange

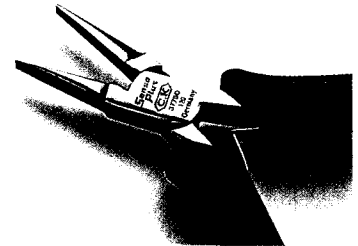
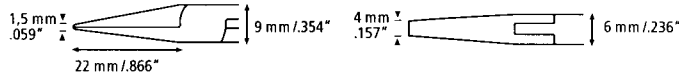
Ohne Hieb

#### Flat Nose Pliers

Smooth jaws.

#### Pince à Becs plats

Mors lisses.



### 3872D - 120

NEU - NEW - NOUVEAU

130 mm 5.1/4"

#### Ultrafeine Spitzzange

#### Ultra Fine Precision Snipe Nose Pliers

#### Pince à Becs demi-ronds Pointes ultra fines

**1.** Ultrafeine Spitzen - zum genauen und schnellen Greifen auch kleinster Teile und haarfeiner Drähte.

**1.** Ultra fine tips-for exact and quick gripping and holding.

**1.** Pointes ultra fines pour prendre et tenir des composants et fils.

**2.** Backen innen gefast und

**2.** Chamfered edges and

**2.** Becs demi-ronds, chanfreiné et

**3.** ohne Hieb - zum schonenden Biegen von Drähten und Anschlüssen.

**3.** smooth inside jaws for forming and bending leads, wires etc

**3.** mors lisses pour former et couder fils etc.

