

swiss made +

ideal-tek  
manufacturer of precision tools and instruments

Star-tek



ISO 9001  
BUREAU VERITAS  
Certification





### **Material & Hardness**

High quality ball bearing steel  
63 Rockwell Hardness (HRC)

### **Handles**

Monocomponent ESD handles

### **The Joints**

#### Box Joint

It is a unique joint that allows the two parts of the pliers or cutters to be mated during the early stage of the manufacturing process. It creates a very precision fit and dual bearing surfaces on each handle of the tool.

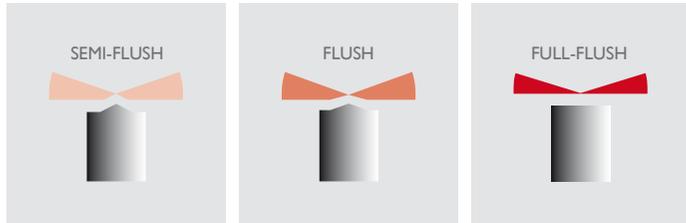
Eliminates “slack” or “play”. This joint produces perfect joint alignment and long wear.

#### Lap Joint

Precision machined rivet which is pressed into a machined hole. This eliminates improper fit and ridging which occurs when rivets are hammered into the joint. The new precision lap joint assures proper alignment and long life.



## Cutting blades definition



**100% visual inspection**



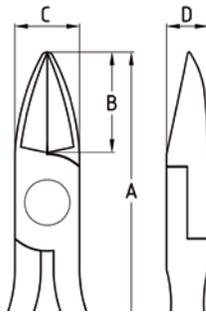
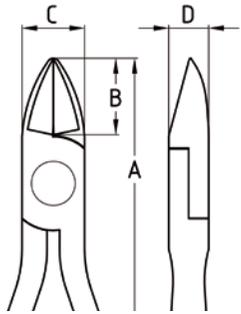
## CUTTERS

- Oval
- Tapered
- Tapered & Relieved

## PLIERS

- Snipe Nose
- Flat Nose
- Round Nose
- Needle Nose



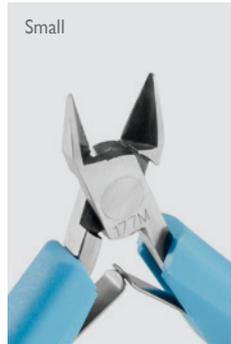
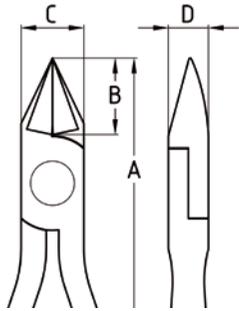


**Small** robust, slim shape, an optimum balance between durability and accessibility **Large** strong and durable, for intensive cutting operations

Art. No.	Type	A[mm]	B[mm]	C[mm]	D[mm]	Cutting Edges	CUTTING CAPACITY MM/AWG		
							Soft	Medium	Hard
<b>197M</b>	Small	110	11	9.5	6	Semi-Flush	-	-	0.4-0.8 / 26-20
<b>196M</b>	Large	125	15	13	8	Semi-Flush	-	-	0.4-0.8 / 26-20



# TAPERED | CUTTERS LINE

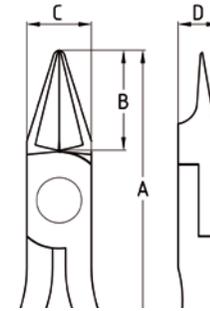
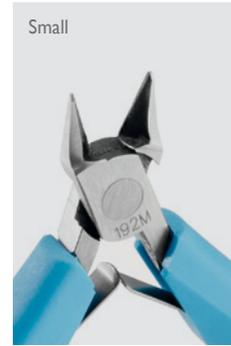
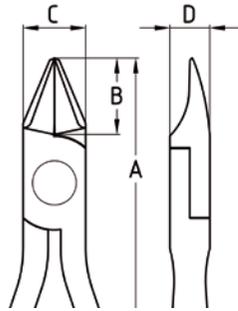
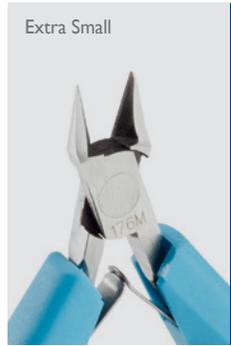
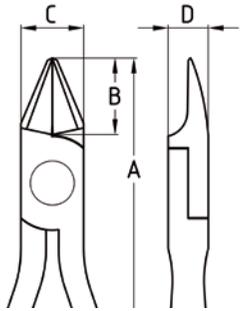


**Small** pointed head shape, slim an optimum balance between durability and accessibility

Art. No.	Type	A[mm]	B[mm]	C[mm]	D[mm]	Cutting Edges	CUTTING CAPACITY MM/AWG		
							Soft	Medium	Hard
<b>177M</b>	Small	110	11	8.5	5	Flush	0.2-0.6 / 32-23	-	-



# TAPERED & RELIEVED | CUTTERS LINE

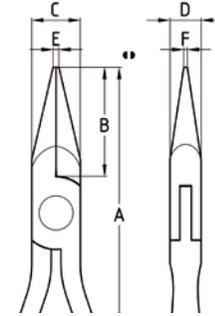
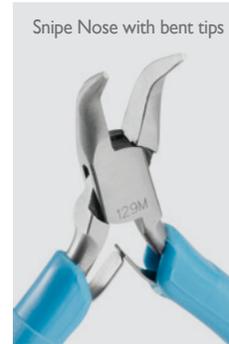
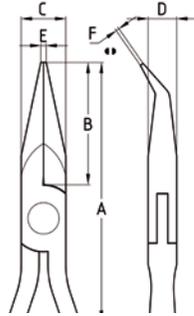
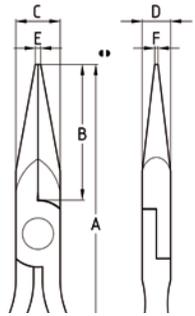


**Extra Small** slim shape, extra small head **Small** robust, slim shape, an optimum balance between durability and accessibility  
**Large** strong and durable, for intensive cutting operations

Art. No.	Type	A[mm]	B[mm]	C[mm]	D[mm]	Cutting Edges	CUTTING CAPACITY MM/AWG		
							Soft	Medium	Hard
<b>176M</b>	Extra Small	110	10.5	8	5	Flush	0.2-0.6 / 32-23	-	-
<b>192M</b>	Small	110	10.5	9	6	Flush	0.2-1.0 / 32-18	-	-
<b>184M</b>	Large	125	16	12.5	8	Full-Flush	0.2-1.5 / 32-15	-	-



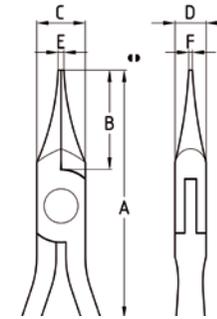
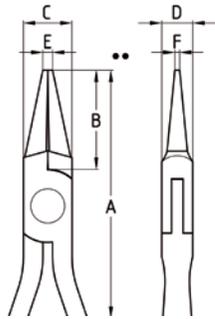
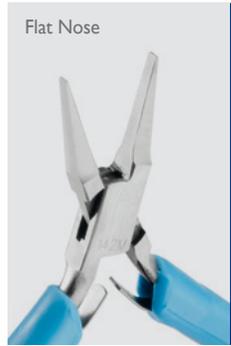
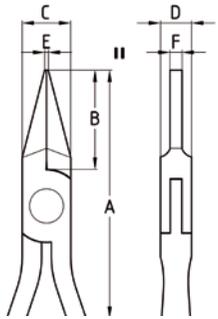
# SNIPE NOSE | PLIERS LINE



Commonly used in electronic assembly and rework, as well as in fine jewellery

Art. No.	Type	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	Jaw Shape
<b>I11M</b>	Snipe Nose Long	125	30	10.5	6	1.5	1	Smooth
<b>I29M</b>	Snipe Nose with bent tips	115	20	9.5	6	2	1.5	Smooth
<b>I44M</b>	Snipe Nose	120	23	9	5.5	1.5	1.5	Smooth

# FLAT NOSE - ROUND NOSE - NEEDLE NOSE | PLIERS LINE



**Flat Nose** pliers feature a very fine tip, smooth or serrated jaws and inner edges **Round Nose** pliers have jaws formed by two cones. A round nose pliers is generally used both to clamp and to form loops on leads or wire. **Needle Nose** provides excellent control and reach for fine work

Art. No.	Type	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	Jaw Shape
<b>I42M</b>	Flat Nose	120	21.5	8	6	1.5	2	Smooth
<b>I43M</b>	Round Nose	120	24	10.5	6	1.5	1	Smooth
<b>I47M</b>	Needle Nose	120	23	9	6	1.5	1.5	Smooth



The application engineering of the Ideal-tek factory will conduct test cutting and cutting evaluations at no charge upon the receipt of test wire samples.

We also provide free cutter model recommendations.

In order to preserve your cutters perfectly efficient keep a thin oil film on the tips head.



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