



IEC60900  1000 V  

2101 Side Cutting Pliers

***INSPIRED  
BY PROFESSIONALS***



# We are manufacturers

## Making pliers since 1856

Bahco has been manufacturing pliers since 1856. Over the last 160 years we have refined and improved the steel alloy used in our side cutting pliers, in order to strike the perfect balance between resiliency and toughness, which are crucial for the long life of our tools.

For over a century and a half, we have tried and tested different manufacturing processes, continuously innovating and investing to produce the best possible pliers.



## Ergonomics

Ergonomics is the science which optimises how you interact with your environment. Ergonomic tools offer better interaction as they are designed to fit your hand. Comfortable design means required gripping force is kept to a minimum, which allows the hand muscles to relax and reduces the risk of fatigue.

Bahco ERGO tools are designed to give you the excellent sensory feedback you need for precise control and the confidence you need to deliver the best results.

# Cutting edges

The cutting edges are designed to suit the intended use. The sharper the cutting edge, the softer materials it is intended to cut.

Bahco has 2-in-1 pliers with progressive edges that cut both soft cables and thick wires.



## PROGRESSIVE

Bahco has **2IN1** pliers with progressive edges that cut both soft cables and hard wires. This means:



— Cu & Plastic

You can cut soft thin wire close to the tip



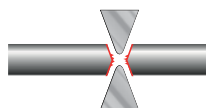
— Fe+ & Piano

Hard wire close to the screw

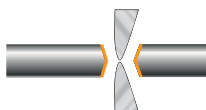
## 2-PLIERS-IN-1

The ERGO™ side cutting pliers have a so called progressive edge. Effectively, this means you can cut soft, thin wire close to the tip, and hard wire close to the screw.

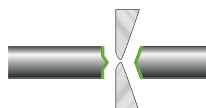
At the tip, the cutting edge is sharper so that it can cut softer materials such as copper, instead of simply squeezing them like most of the heavy duty pliers would.



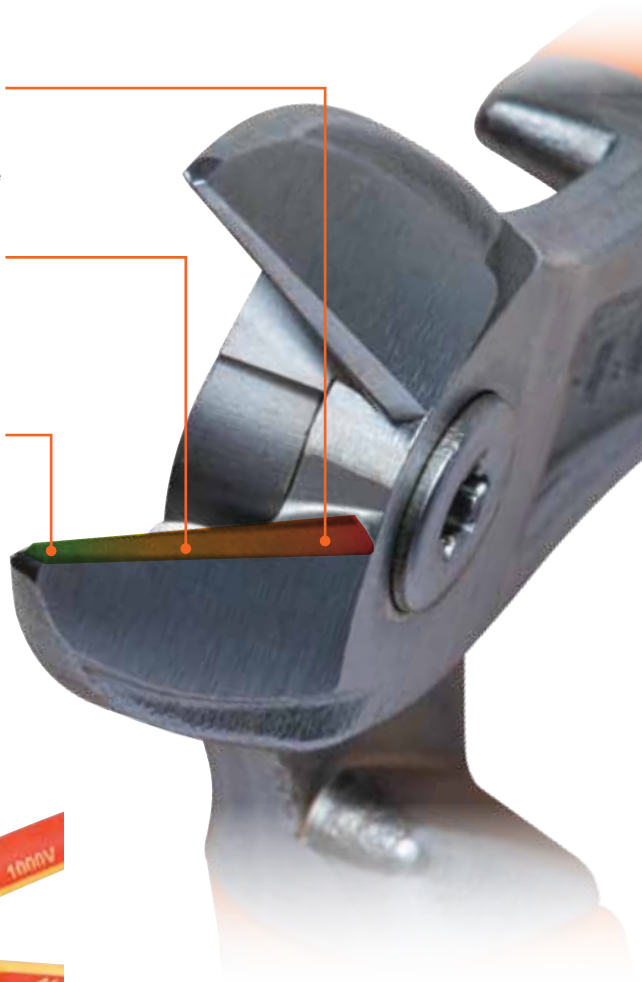
**HEAVY DUTY CUT**  
for materials like piano wire



**MEDIUM HARD CUT**  
for materials like steel wire



**SOFT CUT**  
for materials like copper wire or plastic



Soft and thin material  
close to the tip



Hard material, like Piano  
wire, close to the joint



## HEAVY DUTY

The heavy duty cutting edge provides a **sturdy cut all over the blade**. The reinforced metal frame has been designed to withstand extreme conditions and hold up extra hard wires.

Heavy Duty series cut up to Ø 3.0 mm of piano wire



— Fe+ & Piano







# 1000V VDE

IEC 609000 **1000V**

For work on live equipment up to 1000 volts, we are introducing the new ERGO insulated side cutting pliers with a comfortable grip and excellent cutting performance. All Bahco insulated tools are manufactured according to the International Standard IEC60900 for working with live systems up to 1000 V AC and 1500 V DC. They follow strict quality controls and all tools are subjected to the most stringent, individual tests.

## SAFETY AND COMFORT BROUGHT TOGETHER

1000V insulated handles with a comfortable ergonomic grip

## LESS FORCE BETTER PERFORMANCE

25% Less hand force required compared to conventional cutting pliers

## SURPRISINGLY CLEVER DESIGN

A 9% Reduced shack width improves the performance and carries easy in your pocket

## PRECISION AND STRENGTH IN ONE PLIER

2 in 1 Progressive Cutting edge

**ergo**®



	731415		L mm	Cu mm	Fe mm	Piano mm	g
<b>2101S-140</b>	0106592	3	140	3.7	2.0	1.8	120
<b>2101S-160</b>	0106608	3	160	3.8	2.5	2.0	170
<b>2101S-180</b>	0106615	3	180	4.0	2.7	2.3	230



## 2101G

- ERGO Side Cutting Plier with revolutionary shank width and soft grip for highest comfort and easy storage
- Progressive edges for cutting hard (e.g. Piano wire) and soft (e.g. Cu) material with the same plier
- Patented on/off spring function automatically opens jaws when force is released
- Optimal positioned joint for high leverage and bigger cutting capacity
- ERGO Side Cutting Plier multiplies the applied force by factor 8

731415	L mm	Cu mm	Fe+ mm	Piano mm	g		
<b>2101G-125</b>	0106462	5	125	3.5	1.8	1.6	105
<b>2101G-140</b>	0106479	5	140	3.7	2.0	1.8	126
<b>2101G-160</b>	0106486	5	160	3.8	2.5	2.0	162
<b>2101G-180</b>	0106493	5	180	4.0	2.7	2.3	245
<b>2101G-125IP</b>	0106516	5	125	3.5	1.8	1.6	105
<b>2101G-140IP</b>	0106288	5	140	3.7	2.0	1.8	126
<b>2101G-160IP</b>	0106295	5	160	3.8	2.5	2.0	162
<b>2101G-180IP</b>	0106523	5	180	4.0	2.7	2.3	245



## 2101GC

- A chrome plated version of the standard 2101G for increased surface resistance

731415	L mm	Cu mm	Fe+ mm	Piano mm	g		
<b>2101GC-125IP</b>	0106547	5	125	3.5	1.8	1.6	105
<b>2101GC-140IP</b>	0106554	5	140	3.7	2.0	1.8	126
<b>2101GC-160IP</b>	0106561	5	160	3.8	2.5	2.0	162
<b>2101GC-180IP</b>	0106578	5	180	4.0	2.7	2.3	245



## 2101G IPD

- Version of the standard 2101G without the on/off spring function

731415	L mm	Cu mm	Fe+ mm	Piano mm	g		
<b>2101G-125IPD</b>	0335039	5	125	3.5	1.8	1.6	90
<b>2101G-140IPD</b>	0335053	5	140	3.7	2.0	1.8	120
<b>2101G-160IPD</b>	0335060	5	160	3.8	2.5	2.0	170
<b>2101G-180IPD</b>	0335077	5	180	4.0	2.7	2.3	230



## 2101D

- Comfortable single component handles with narrow shank width for easy storage
- Progressive edges for cutting hard (e.g. Piano wire) and soft (e.g. Cu) material with the same plier
- Only available in black oxide finish

731415	L mm	Cu mm	Fe+ mm	Piano mm	g		
<b>2101D-125</b>	0106387	5	125	3.5	1.8	1.6	104
<b>2101D-140</b>	0106394	5	140	3.7	2.0	1.8	107
<b>2101D-160</b>	0106400	5	160	3.8	2.5	2.0	144
<b>2101D-180</b>	0106417	5	180	4.0	2.7	2.3	235
<b>2101D-200</b>	0106424	5	200	4.5	3.0	2.5	282
<b>2101D-125IP</b>	0106431	5	125	3.5	1.8	1.6	104
<b>2101D-140IP</b>	0106325	5	140	3.7	2.0	1.8	107
<b>2101D-160IP</b>	0106318	5	160	3.8	2.5	2.0	144
<b>2101D-180IP</b>	0106448	5	180	4.0	2.7	2.3	235



## 2101PG

- ERGO design side cutting plier developed for cutting plastics
- Full flush cutting edge without bevelling which is designed to smoothly cut all kinds of plastic parts
- Suitable for bridle cutting

731415	L mm	Cu mm	PLASTIC	g		
<b>2101PG-160</b>	0106486	5	160	1.5	3.0	162



## 21HDG

- ERGO Side Cutting Plier with revolutionary shank width and soft grip for highest comfort and easy storage
- A heavy duty plier for cutting up to 3.0 mm Piano wire along the edge, induction hardened at 64 HRC
- Outlives more than 50.000 cuts of hard wire
- Narrow head design for optimized accesibility in confined spaces
- Patented on/off spring function automatically opens jaws when force is released

	731415		L mm	Fe+ mm	Piano mm	g
21HDG-140	0231331	5	140	2.2	2.0	126
21HDG-160	0231355	5	160	2.5	2.3	162
21HDG-180	0231379	5	180	2.7	2.5	245
21HDG-200	0231409	5	200	3.2	3.0	275
21HDG-140IP	0231348	5	140	2.2	2.0	126
21HDG-160IP	0231362	5	160	2.5	2.3	162
21HDG-180IP	0231386	5	180	2.7	2.5	245
21HDG-200IP	0231416	5	200	3.2	3.0	275



## 21HDGC

- A chrome plated version of the standard 21HDG for increased surface resistance

	731415		L mm	Fe+ mm	Piano mm	g
21HDGC-140IP	0231423	5	140	2.2	2.0	126
21HDGC-160IP	0231430	5	160	2.5	2.3	162
21HDGC-180IP	0231447	5	180	2.7	2.5	245
21HDGC-200IP	0231454	5	200	3.2	3.0	275



## 21HDGA

- An angled version of the standard 21HDG
- Angled at 14° to enhance accessibility
- Perect for cutting nails in wood



	731415		L mm	Fe+ mm	Piano mm	g
21HDG-140A	0237654	5	140	2.2	2.0	126
21HDG-160A	0237661	5	160	2.5	2.3	162
21HDG-180A	0237678	5	180	2.7	2.5	245
21HDG-200A	0231409	5	200	3.2	3.0	275



## 21HDD

- Comfortable single component handles with narrow shank width for easy storage
- A heavy duty plier for cutting up to 3.0 mm Piano wire along the edge, induction hardened at 64 HRC
- Only vailable in black oxide finish

	731415		L mm	Fe+ mm	Piano mm	g
21HDD-140	0106387	5	140	2.2	2.0	126
21HDD-160	0106394	5	160	2.5	2.3	162
21HDD-180	0106400	5	180	2.7	2.5	245
21HDD-200	0231287	5	200	3.2	3.0	275
21HDD-140IP	0231287	5	140	2.2	2.0	126
21HDD-160IP	0231287	5	160	2.5	2.3	162
21HDD-180IP	0231300	5	180	2.7	2.5	245
21HDD-200IP	0231324	5	200	3.2	3.0	275



## 1520 G

- Power cutter with centric precision cutting edges
- Forged with cutting edges , cuts up to 3.8 mm Piano wire
- High leverage giving exceptional cutting performance with minimum effort
- The precision cutting edges are additionally induction hardened 63-64 HRC

	731415		L mm	Piano mm	g
1520 G	18266516	5	210	3.8	310



**[www.bahco.com](http://www.bahco.com)**

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