

# Professional Quality



1912-2020

**ALYCO**

Catalogue price list

**2020**

# Welcome to the new ALYCOTOOLS 2020 catalogue





### EXPERIENCE

More than 108 years in purchase of raw material, manufacture and sales of forging products and hand tools.

### PEOPLE

Work and experience focused on customer satisfaction, product and process innovation.

### COMMITMENT

With work force, suppliers, customers and social environment.



### CATALOGUE

Complete catalogue of professional tools for different markets prioritizing quality, performance and ergonomics.

### INNOVATION

Continuous innovation of products and processes, adapting to the needs of the client.

### CUSTOMER SATISFACTION

Commitment of satisfaction in information, quality of the products and fulfillment of the delivery terms.



# GRAPHIC INDEX

## TOOL SETS pages 8-19



## TOOL STORAGE pages 20-53



## PLIERS AND PINCERS pages 54-79



## SPANNERS AND WRENCHES pages 80-107



## KEYS pages 108-117



## SCREWDRIVERS AND BITS pages 118-137



## SOCKETS pages 138-165





**STRIKING TOOLS** pages 166-181



**CUTTING AND DRILLING** pages 182-205



**GARDENING** pages 206-209



**CONSTRUCTION** pages 210-229



**PLUMBING AND MEASURING** pages 230-249



**LIGHTING AND ELECTRICITY** pages 250-265



**MISCELLANEOUS TOOLS** pages 266-283



**NON-SPARKING TOOLS** pages 284-297



# NEW ITEMS 2020



Reinforced roller cabinet



6 drawer cabinet



4 drawer metal chest



Work table with 3 drawers



Magnetic support



Aluminum suitcase



Workshop set 8 modules



Nylon backpack



Nylon bag



Electrician's scissors



Nylon bag



Stripping Knife



Trolley



Insulated ratchet wrench



Reversible adjustable wrench



Slippery torque wrench



1" torque wrench



1/2" bihexagonal socket



1/2", 3/4" and 1" impact socket



3/8" insulated socket set



Ball pein hammer



Adjuster hammer



Construction hammer

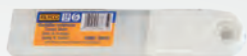


Wedge for wood



Axe





Ceramics blades



Reinforced Cutter



Cutter



Security Cutter



Kneepads



Stillson wrench



Wrench replacement mouths



Magnetic level



Rechargeable work light



Tracer



Laser level



Angular level



Pen torch



COB rechargeable work light



Rechargeable slim work light



COB rechargeable work light



LED head light



Work light with tripod



Projector SMD work light



SMD food light



High security cable reels



Out door cable extension



Magnetic Mass



Booster clamp set



Extension leads



Magnet angles



Non sparking pliers



Non sparking wrenches



Copper hammer

# QUALITY CERTIFICATES

## Validity up 08-2020



## COMMITMENT TO SERVICE



- SERVICE**
- 100% RELIABLE**
- 100% RAPIDE**



# PRICE LIST 2020

## Conditions of the price list



### MINIMUM ORDER

There is no minimum order.



### PRICES

Recommended retail price. Taxes not included.



### SHIPPING

The freight charges corresponding to the shipments will be:

Paid by Alyco for orders over:

1. For shipments to Europe: 2000 Euros.
2. For shipments to the rest of the world: 5000 Euros.



### PAYMENT

**Within 60 days** of invoice date by **direct debit or transfer.**



### VALIDITY OF THE PRICES

This price list cancels any previous edition.

Alyco reserves the right to modify the models without prior notice.

The specifications in this catalogue do not constitute a contractual commitment.

## Other sales conditions



### CHECKING OF THE SHIPMENT

For claims for product faults check that the packages are not opened when delivered.

Otherwise, advice the transport agency and state the incident and claim in **less than 24 hours to Alyco.**



### RETURN POLICY

Return shipments will be accepted in case of wrong shipments or defects due to Alyco within 30 days from date of shipment.



### WARRANTY

All items are guaranteed against materials or manufacturing defects.

This warranty exclusively covers the change or repair of the defect tools.



### DOWNLOAD OF THE PRICE FILE

You can download Excel file with code, description, price, barcode and catalog pages at **[www.alycotools.com/downloads](http://www.alycotools.com/downloads)**



### DOWNLOAD PRODUCT IMAGES

You can download the images of all our products, on the page **[www.raizferretera.com](http://www.raizferretera.com)** (request keys and instructions)



## 01 Tool sets



Roller cabinet  
with tools

9



Roller cabinet  
with tools

13



Tray set

14



Tool box with  
tools

16



Bag  
with tools

17



Too set in plastic  
case

18



Tool set in  
aluminium case

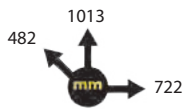
19



**7 drawer roller cabinet with assorted tools**



**Cabinet 192825**



**ANTI OVERTURN SYSTEM**



Cabinet with accessories and options



Central lock

**COMPLETE COMPOSITION**



192490 101210 101220



191096 191296 191196



119090 191480 101250



192387 192197 192290



113612

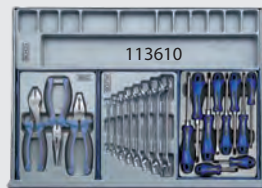
**BASIC COMPOSITION**



113612



192387 192197 101250



101210 191096 119090

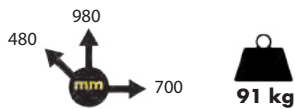
Code	Description	No. of items	€
<b>192826</b>	<b>CABINET + COMPLETE COMPOSITION</b>	253	<b>1.620,00</b>
<b>192827</b>	<b>CABINET + BASIC COMPOSITION</b>	141	<b>1.176,00</b>

Features of cabinet in page 21 / accessories and options in page 26-29

7 drawer roller cabinet with assorted tools



Cabinet 129725



ANTI OVERTURN SYSTEM

**New**



Central lock

**COMPLETE COMPOSITION**



192490 101210 101220



191096 191296 191196



119090 191480 101250



192387 192197 192290



113612

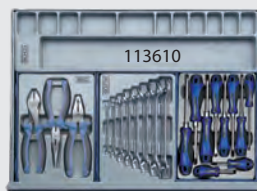
**BASIC COMPOSITION**



113612



192387 192197 101250



101210 191096 119090

Code	Description	No. of items	€
129727	CABINET + COMPLETE COMPOSITION	253	1.468,00
129724	CABINET + BASIC COMPOSITION	141	1.024,00

Features of cabinet in page. 22 / accessories and options in page. 26-29



**7 drawer roller cabinet with assorted tools**



**Cabinet 192710**



Central lock

**COMPLETE COMPOSITION**



192490 101210 101220



191096 191296 191196



119090 191480 101250



192387 192197 192290



113612

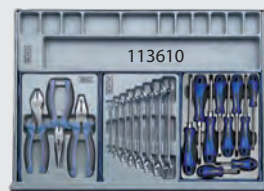
**BASIC COMPOSITION**



113612



192387 192197 101250



101210 191096 119090

Code	Description	No. of items	€
<b>192712</b>	<b>CABINET + COMPLETE COMPOSITION</b>	253	<b>1.363,00</b>
<b>192709</b>	<b>CABINET + BASIC COMPOSITION</b>	141	<b>919,00</b>

Features of cabinet in page. 23 / accessories and options in pag. 26-29

## 8 drawer cabinet with tools

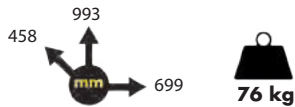
**New**



Central lock



Cabinet 129715



### COMPLETE COMPOSITION



### BASIC COMPOSITION



Code	Description	No. of items	€
<b>129716</b>	<b>CABINET + COMPLETE COMPOSITION</b>	253	<b>1.388,00</b>
<b>129714</b>	<b>CABINET + BASIC COMPOSITION</b>	141	<b>944,00</b>

Features of cabinet in page 24 / accessories and options in page 26-29

## 5 drawer cabinet with tools

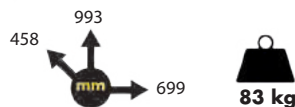
**New**



Central lock



Cabinet 129720



### BASIC COMPOSITION



Code	No. of item	€
<b>129719</b>	137	<b>908,00</b>

Features of cabinet in page 24 / accessories and options in page 26-29



**New**

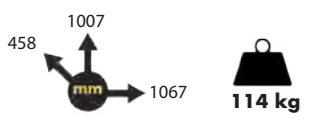
**Wide cabinet with tools**



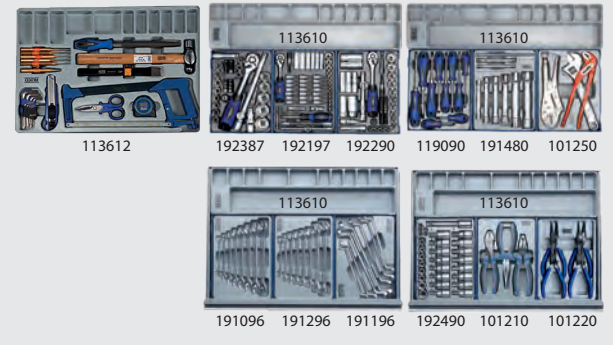
Central lock



**Cabinet 192678**



**COMPLETE COMPOSITION**



**BASIC COMPOSITION**



Code	Description	No. of items	€
<b>192679</b>	<b>CABINET + COMPLETE COMPOSITION</b>	253	<b>1.803,00</b>
<b>192680</b>	<b>CABINET + BASIC COMPOSITION</b>	141	<b>1.360,00</b>

Features of cabinet in page 22 / accessories and options in page 26-29

**Light cabinet with tools**

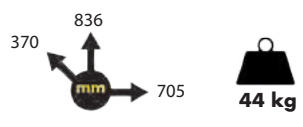


Central lock



**Cabinet 192780**

Cabinet supplied disassembled



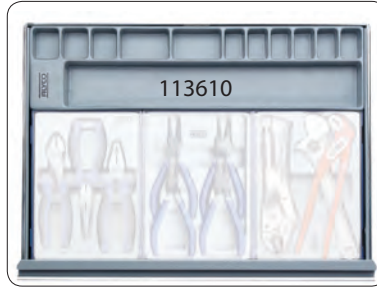
Code	No. of items	€
<b>192782</b>	139	<b>710,00</b>

Features of cabinet in page 24

## Modular system for tool storage



113612 (113611 empty tray)



199002



199009

### COMPOSICION 113612

- 1 empty tray 113611
- 1 ball pein hammer 30 mm
- 9 hex keys 1.5 to 10 mm
- 1 half-round file
- 1 flat chisel of 250 mm
- 5 pin punches 2, 3, 4, 5, 6 mm
- 1 center punch of 5 mm
- 1 tape measure of 3 m
- 1 knife 18 mm + 5 blades
- 1 pair of electrician's scissors
- 1 hacksaw

Code	Description	Dimensions mm	€
<b>113610</b>	<b>TRAY FOR CONSUMABLES</b>	560x140	<b>5,83</b>
<b>199002</b>	<b>EMPTY TRAY</b>	255x185x48	<b>6,66</b>
<b>199009</b>	<b>TOOLS MODULE</b>	255x185	<b>3,39</b>
<b>113612</b>	<b>SPECIAL TOOLS TRAY</b>	560x400x40	<b>102,45</b>
<b>113611</b>	<b>SPECIAL EMPTY TRAY</b>	560x400x40	<b>10,00</b>

## Modular plastic tray with tools



### 1/2" DR. SOCKET SET

Code	No. of Items	€
<b>192387</b>	39	<b>93,00</b>

### CONTENTS 192387

- 1 Ratchet handle of 72 teeth
- 16 Sockets: 10 to 20, 22, 24, 27, 30, 32 mm
- 2 Extension bars: 75, 250 mm
- 1 Adapter 1/2" M x 3/8" F
- 1 Socket holder 1/2"
- 1 Universal joint
- 1 Adapter for 5/16" bits
- 16 5/16" bits: - Hex.: 8, 10, 12 mm
- Slotted: 8, 10, 12 mm - PH2, PH3, PH4
- PZ3, PZ4 - T40, T45, T50, T55, T60



### 1/4" DR. SOCKET SET

Code	No. of Items	€
<b>192197</b>	53	<b>60,00</b>

### CONTENTS 192197

- 1 Ratchet handle of 72 teeth
- 13 Sockets: 4 to 14 mm
- 6 Deep sockets: 6, 7, 8, 10, 12, 13 mm
- 2 Extension bars: 50, 150 mm
- 1 Screwdriver of 150 mm
- 1 Socket holder
- 1 Flexible extension bar of 150 mm
- 1 Universal joint /1 adaptor 3/8" F x 1/4" M
- 1 Magnetic bit holder with lock ring for 1/4" bits
- 21 Insert bit sockets: - Hex.: 8, 10, 12 mm
- Slotted: 8, 10, 12 mm - PH2, PH3, PH4
- PZ3, PZ4 - T40, T45, T50, T55, T60
- 4 Hex keys: 1.27, 1.5, 2, 2.5 mm



### 3/8" DR. SOCKET SET

Code	No. of Items	€
<b>192290</b>	49	<b>80,00</b>

### CONTENTS 192290

- 1 Ratchet handle of 72 teeth
- 14 Sockets: 8-19, 21, 22 mm
- 5 Deep sockets: 8, 10, 13, 17, 19 mm
- 2 Spark plug sockets: 16, 21 mm
- 2 Extension bars: 75, 150 mm
- 1 Socket holder
- 1 Universal joint /1 adapter 3/8" M x 1/2" F
- 1 Magnetic bit holder with lock ring for 1/4" bits
- 1 Adapter for 1/4" bits
- 20 Bits - Hex: 3, 4, 5, 6, 7, 8 mm
- Slotted: 5.5, 7 mm - PH1, PH2, PH3
- PZ1, PZ2, PZ3 - T10, T15, T20, T25, T30, T40



### 1/4" + 1/2" DR. SOCKET SET

Code	No. of Items	€
<b>192490</b>	30	<b>72,00</b>

### CONTENTS 192490

- 8- 1/2" dr. female torx type socket: E10, E11, E12, E14, E16, E18, E20, E24
- 5- 1/4" dr. female torx type socket: E4, E5, E6, E7, E8
- 8- 1/2" dr. hexagonal insert bit sockets: 5, 6, 7, 8, 9, 10, 12, 14 mm
- 8- 1/2" dr. tamper torx type insert bit socket: T20, 25, 27, 30, 40, 45, 50, 55
- 1- 1/2" dr. torx type deep insert bit socket: T70



**Modular plastic cases with tools**



See contents on page 57

**PLIERS SET**

Code	No. of Items	€
<b>101210</b>	3	<b>38,90</b>



See contents on page 62

**CIRCLIP PLIERS SET**

Code	No. of Items	€
<b>101220</b>	4	<b>70,00</b>



**LOCKING PLIERS + ADJUSTABLE WRENCH SET**

Code	No. of Items	€
<b>101250</b>	3	<b>54,00</b>



See contents on page 82

**DOUBLE OPEN END SPANNERS SET**

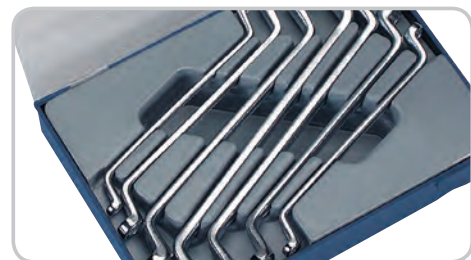
Code	No. of Items	€
<b>191096</b>	8	<b>32,90</b>



See contents on page 84

**COMBINATION SPANNERS SET**

Code	No. of Items	€
<b>191296</b>	8	<b>48,93</b>



See contents on page 86

**OFF RING SPANNERS SET**

Code	No. of Items	€
<b>191196</b>	7	<b>50,19</b>



See contents on page 96

**TUBULAR FORGED SOCKET WRENCH SET**

Code	No. of Items	€
<b>191480</b>	9	<b>107,21</b>



See contents on page 128

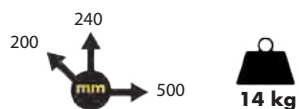
**SCREWDRIVERS SET**

Code	No. of Items	€
<b>119090</b>	10	<b>40,47</b>

## 5 tray metal tool box with 80 tools



**Toolbox 192735**



Provision for padlock



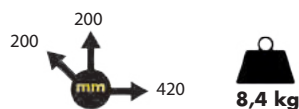
Code	No. of Items	€
<b>192736</b>	80	<b>350,00</b>

Features of box on page 40

## 3 tray metal tool box with 85 tools



**Toolbox 192731**



Provision for padlock



Code	No. of Items	€
<b>192732</b>	85	<b>199,00</b>

Features of box on page 40



**Nylon pouch with insulated tools**



**Bag 196880**

**INSULATED COMPOSITION**

1	101802 Combination pliers 180 mm	1	101821 Diagonal cutting pliers 160 mm	
5	Screwdrivers			
3	Slotted tip 119303 (3x100) 119304 (4x100) 119306 (6,5x150)	2	119311 (PH1x100) 119312 (PH2x100)	

**NON INSULATED COMPOSITION**

1	108015 Electrician's scissors	1	108030 Electrician knife
---	-------------------------------	---	--------------------------

Code	No. of Items	€
<b>101410</b>	9	<b>91,00</b>

**Nylon pouch with tools**



**Bag 196880**

**COMPOSITION**

1	101202 Combination pliers 180 mm	1	110302 Diagonal cutting pliers 160 mm	
4	Screwdrivers			
1	Slotted tip 119005 (5,5x125)	1	Cabinet tip 119024 (4x100)	
		2	119031 (PH1x100) 119029 (PH2x100)	
1	108015 Electrician's scissors	1	108030 Electrician knife	

Code	No. of Items	€
<b>101400</b>	9	<b>71,00</b>

**Nylon pouch with tools**



**Bag 196882**

**COMPOSITION**

- Scissors 108015
- Exchangeable screwdriver 119120
- Combination pliers 101202
- Light 3W 190538

Code	No. of Items	€
<b>101402</b>	5	<b>46,00</b>

## Combined tool set in plastic case with 98 tools



**Extendible  
ratchet handles  
1/2" and 1/4"**



Code	€	
<b>101460</b>	<b>303,31</b>	1

### INSULATED COMPOSITION

101802 Combination pliers 180 mm	101821 Diagonal cutting pliers 160 mm	
5 Screwdriver	2 119311 (PH1x100) 119312 (PH2x100)	
3 Slotted tip 119303 (3x100) 119304 (4x100) 119306 (6,5x150)		

#### Composition 1/2"

17 Sockets 10 to 32 mm	1 Extendible ratchet 1/2" 72 t.	2 Extension bars 125, 250 mm
1 Universal joint	1 Adapter for bits 5/16"	2 Spark plug sockets 16 and 21 mm
1 Adapter 3/8" F x 1/2" M		

#### Composition 1/4"

13 Sockets 4 to 14 mm	1 Extendible ratchet 1/4" 72 t.	1 Spinner handle 150 mm
2 Extension bars 50, 150 mm	1 Universal joint	
1 Adapter 3/8" F x 1/4" M		

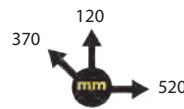
#### Composition

8 Open end spanners 6x7 to 20x22	9 193130 1.5 to 10 mm	1 109103 Locking pliers
1 108015 Electrician's scissors	1 197315 Measure 5 m Tape	25 Bits 5/16" 
1 196550 Hammer 455 gr	1 193369 Tester 1000 V	

## Combined tool set in plastic case with 98 tools



**Extendible  
ratchet handles  
1/2" and 1/4"**



Code	€	
<b>101450</b>	<b>284,78</b>	1

### NON INSULATED COMPOSITION

101202 Combination pliers 180 mm	110302 Diagonal cutting pliers 160 mm	
5 Screwdrivers	2 Slotted tip 119004 (4x80) 119006 (6,5x150)	1 Cabinet tip 119023 (3x10)
	2 119031 (PH1x100) 119032 (PH2x150)	

#### Composition 1/2"

17 Sockets 10 to 32 mm	1 Extendible ratchet 1/2" 72 t.	2 Extension bars 125, 250 mm
1 Universal joint	1 Adapter for bits 5/16"	2 Spark plug sockets 16 and 21 mm
1 Adapter 3/8" F x 1/2" M		

#### Composition 1/4"

13 Sockets 4 to 14 mm	1 Extendible ratchet 1/4" 72 t.	1 Spinner handle 150 mm
2 Extension bars 50, 150 mm	1 Universal joint	
1 Adapter 3/8" F x 1/4" M		

#### Composition

8 Open end spanners 6x7 to 20x22	9 193130 1.5 to 10 mm	1 109103 Locking pliers
1 108015 Electrician's scissors	1 197315 Measure 5 m Tape	25 Bits 5/16" 
1 196550 Hammer 455 gr	1 193369 Tester 1000 V	



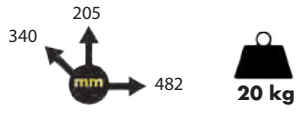
**Heavy duty aluminium case with tools**



Double lock



**Case 198100**



Case

Case + Bag

Code	Descripción	No. of items	€
<b>198101</b>	<b>CASE + COMPOSITION</b>	51	<b>330,00</b>
<b>198106</b>	<b>CASE + BAG + COMPOSITION</b>	52	<b>385,00</b>

Features of case 198100 on page 47 and bag 198154 on page 49

**Aluminium case with tools**



Double lock



**Case 198110**



Case

Case + Bag

Code	Descripción	No. of items	€
<b>198111</b>	<b>CASE + COMPOSITION</b>	30	<b>152,00</b>
<b>198116</b>	<b>CASE + BAG + COMPOSITION</b>	31	<b>207,00</b>

Features of case 198110 on page 47 and bag 198154 on page 49



## 02 Storage



**Roller cabinet**

**21**



**Magnetic tray**

**27**



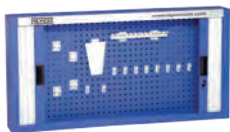
**Modular storage**

**30**



**Workbench**

**36**



**Wall board**

**38**



**Metal box**

**40**



**Metal trolley**

**42**



**Plastic box**

**44**



**Organiser**

**45**



**Aluminium case**

**46**



**Tool bag**

**48**



**Nylon bag**

**52**



**Reinforced 7 drawer metal roller cabinet**




**ANTI OVERTURN SYSTEM**  
 When there is an open drawer no other can be opened, to avoid overturning the cabinet.



Top Tray Stainless Steel

- Cabinet made of heavy-gauge steel sheet (1 mm. thick) with special antirust treatment.
- 2" wheels for bigger load and estability
- Brake on two casters. Two swivel casters.
- Locking of all drawers with central lock.
- Aluminium extrusion drawer pullers.
- Ball bearings on all slides of the drawers.

DRAWERS	Dimensions mm	Admissible weight Kg
5 drawers	570x410x75	<b>25</b>
2 drawers	570x410x155	<b>30</b>

 After moving the cabinet, step on the brake



Central lock



**400 kg**  
Maximum load



Wheels  
Ø 5" x 2"

**ACCESSORIES INCLUDED:**



Reinforced handle



Metallic tray



Metal case



Paper roll support



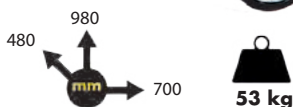
Metallic trasher



Code	€	
<b>192825</b>	<b>747,00</b>	<b>1</b>

## 7 drawer metal roller cabinet

**New**



### ANTI OVERTURN SYSTEM

When there is an open drawer no other can be opened, to avoid overturning the cabinet.



Central lock

**300 kg**

Maximum load



Wheels  
Ø 5" x 2"

- Cabinet made of heavy-gauge steel sheet (0,8 mm. thick) with special antirust treatment.
- Protective rubber mat on top and at bottom of drawers to protect surface against damage.
- Side storage space with 2 shelves.
- Metal brake on two casters. Two swivel casters.
- Locking of all drawers with central lock.
- Aluminium extrusion drawer pullers.
- Ball bearings on all slides of the drawers.



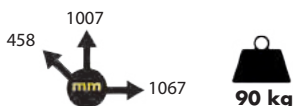
• After moving the cabinet, step on the brake

DRAWERS	Dimensions mm	Admissible weight Kg
6 drawers	570x410x75	20
1 drawers	570x410x155	30

Code	€	
<b>129725</b>	<b>595,00</b>	1

## Wide roller cabinet

**New**



Central lock

**400 kg**

Maximum load



Wheels  
Ø 5" x 2"

- Cabinet made of heavy-gauge steel sheet (0,8 mm. thick) with special antirust treatment.
- Protective rubber mat on top and at bottom of drawers to protect surface against damage.
- Side storage space with 2 shelves.
- Metal brake on two casters. Two swivel casters.
- Locking of all drawers with central lock.
- Aluminium extrusion drawer pullers.
- Ball bearings on all slides of the drawers.

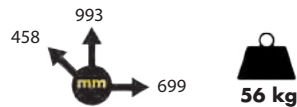


• After moving the cabinet, step on the brake  
• Never open two drawers at the same time to avoid it toppling over.

Code	€	
<b>192678</b>	<b>930,50</b>	1



**7 drawer metal roller cabinet**



Central lock



Maximum load



Wheels  
Ø 5" x 1,25"

- Cabinet made of heavy-gauge steel sheet 0,8 mm. thick) with special antirust treatment.
- Protective rubber mat on top and at bottom of drawers to protect surface against damage.
- Metal brake on two casters. Two swivel casters.
- Locking of all drawers with central lock.
- Aluminium extrusion drawer pullers.
- Ball bearings on all slides of the drawers.



- After moving the cabinet, step on the brake
- Never open two drawers at the same time to avoid it toppling over.

DRAWERS	Dimensions mm	Admissible weight Kg
5 drawers	570x410x75	<b>20</b>
2 drawers	570x410x155	<b>30</b>

Code	€	
<b>192710</b>	<b>490,00</b>	1

**7 drawer roller cabinet**



Central lock



Maximum load



Wheels  
Ø 5" x 1,25"

- Cabinet made of heavy-gauge steel sheet (0,8 mm. thick) with special antirust treatment.
- Protective rubber mat on top and at bottom of drawers to protect surface against damage.
- Metal brake on two casters. Two swivel casters.
- Locking of all drawers with central lock.
- Aluminium extrusion drawer pullers.
- Ball bearings on all slides of the drawers.



- After moving the cabinet, step on the brake
- Never open two drawers at the same time to avoid it toppling over.

DRAWERS	Dimensions mm	Admissible weight Kg
3 drawers	821x410x112	<b>30</b>
2 drawers	821x410x54	<b>30</b>
1 drawer	821x410x170	<b>35</b>

Code	€	
<b>192815</b>	<b>697,50</b>	1

## 8 drawer metal roller cabinet

**New**



Central lock

**300 kg**

Maximum load



Wheels  
Ø 5" x 1,25"



• The same characteristics than car 192710, except in number of drawers



**New**

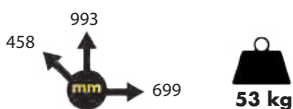
## 5 drawer metal roller cabinet



• After moving the cabinet, step on the brake  
• Never open two drawers at the same time to avoid it toppling over.

DRAWERS	Dimensions mm	Admissible weight Kg
7 drawers	570x410x75	20
1 drawer	570x410x155	30

Code	€	
129715	515,00	1



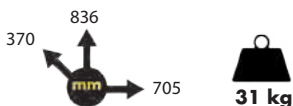
DRAWERS	Dimensions mm	Admissible weight Kg
2 drawers	570x410x75	20
1 drawers	570x410x155	30
1 lower trap	680x472x395	60

Code	€	
129720	479,00	1

## Light tool cart with top opening



Assembly Instructions



Central lock

**150 kg**

Maximum load



Wheels  
Ø 4" x 1"

- Sliding tops.
- Lock on drawers and work top.
- Drawers slide on ball bearings.
- Two fixed casters and two swivel casters.
- Side handle.

### DIMENSIONS AND ADMISSIBLE WEIGHT

	Dimensions mm	Admissible weight Kg
Top surface	700x365x170	35
2 drawers	587x325x60	10
Lower surface	700x365x85	35

Code	€	
192780	280,99	1

Delivery disassembled



**Reinforced workshop trolley**



**Assembly Instructions**

**200 kg**



Maximum load



Wheels  
Ø 4" x 1"

- Reinforced structure
- Two rotating wheels and two fixed wheels
- Reinforced side handle

Code	€	
<b>192832</b>	<b>192,60</b>	1

**Delivery disassembled**

**One-drawer light tool trolley**



Central lock

**140 kg**



Maximum load



Wheels  
Ø 4" x 1"



- Drawer with ball bearings
- Two rotating wheels and two fixed wheels
- Two swivel and two fixed wheels
- Reinforced side handle

Code	€	
<b>192727</b>	<b>197,10</b>	1

**Delivery disassembled**



**Assembly Instructions**

**Light trolley with 3 trays**

**100 kg**



Maximum load



Wheels  
Ø 4" x 1"



- Handle for easy carriage handling
- Two rotating wheels and two fixed wheels
- Two swivel and two fixed wheels

Code	€	
<b>192725</b>	<b>103,50</b>	1

**Delivery disassembled**



**Assembly Instructions**

## Drawer guides



**VALID FOR TROLLEYS**  
**129715, 129720, 192710,**  
**192678**

- Ball bearing guides
- Measures 400x45 mm
- 1 right hand guide and 1 guide left side

Code	€	
<b>190610</b>	<b>14,00</b>	1

**Price pair of guides**

## Wheels for cabinets



190620



190621

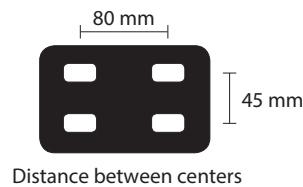


190622




190623

Code	Type	Measure "	Trolleys
190620	FIXED	Ø 4X1	192780, 192832, 192727, 192725
190621	MOBIL WITH BRAKE	Ø 4X1	192780, 192832, 192727, 192725
190622	FIXED	Ø 5X2	192825, 192725, 192678, 192710, 192815, 129715, 129720
190623	MOBIL WITH BRAKE	Ø 5X2	192825, 192725, 192678, 192710, 192815, 129715, 129720




- Metallic structure
- Polyurethane wheels with needle bearings
- 4 mounting screws included

Code	Type	€	
<b>190620</b>	<b>FIXED</b>	<b>12,00</b>	1
<b>190621</b>	<b>MOBIL</b>	<b>19,00</b>	1
<b>190622</b>	<b>FIXED</b>	<b>22,00</b>	1
<b>190623</b>	<b>MOBIL</b>	<b>31,00</b>	1

## Lock with keys



- Easily mountable metal lock
- Set of 2 keys and bowler

Code	Trolleys	€	
<b>190615</b>	192825, 129725, 192678, 192710, 192815, 129715, 129720	<b>7,00</b>	1
<b>190616</b>	Work table 129750, 129755	<b>7,00</b>	1
<b>190617</b>	Work table 192675, 192676, 192677	<b>7,00</b>	1
<b>190618</b>	Tool chestt 129705	<b>7,00</b>	1
<b>190611</b>	Trolley 192727	<b>7,00</b>	1
<b>190612</b>	192780	<b>7,00</b>	1
<b>190619</b>	Set closet 192854	<b>7,00</b>	1
<b>190614</b>	Cabinet 192831, 192851, 192852, 192856	<b>7,00</b>	1



## Pack of metal drawer dividers



192699



192604

### POSSIBILITIES OF DIVIDERS

Code	For cabinet	Items
192699	192825 / 129725	4 sheets 565x40 mm
	192710 / 129715 129720	6 sheets 403x40 mm
192604	192815	4 sheets 565x40 mm
		9 sheet s 780x40 mm

• Metal dividers of 1 mm thick sheet

Code	No. of Items	€
<b>192699</b>	10	<b>22,00</b>
<b>192604</b>	13	<b>30,00</b>

## Rectangular magnetic tray

STAINLESS STEEL

1000 gauss



- Measure 237x163 mm
- Depth of tray 28 cm.
- 2 Magnetic bases Ø 80 mm.
- PVC base to prevent scratching



Display in blister



Code	€	1
<b>121510</b>	<b>8,00</b>	1

## Round magnetic tray

STAINLESS STEEL

1000 gauss



- Plate diameter 150 mm
- Depth of tray 25 cm.
- Ø 80 mm magnet
- PVC base to prevent scratching



Code	€	1
<b>121500</b>	<b>4,50</b>	1

Display in blister

## Deep magnetic plate

800 gauss



- Plastic container
- Outside diameter 109 mm
- Plate depth 78 mm
- Ø Magnet 60 mm
- PVC base to avoid scratching

Code	€	1
<b>121502</b>	<b>4,80</b>	1

**New**

## Magnetic tray



**New**

- 310x110x120 mm metal tray
- 4 high power magnets
- Load capacity 1.20 kg

Code	€	
<b>121560</b>	<b>8,50</b>	1

## Magnetic holder for sprays and screwdrivers



**New**

- 119x300x126 mm metal tray
- 8 high power magnets
- 7 screwdriver holes
- Space for 3 sprays Ø 76 mm
- Load capacity 1.20 kg

Code	€	
<b>121566</b>	<b>12,80</b>	1

## Magnetic screwdriver holder

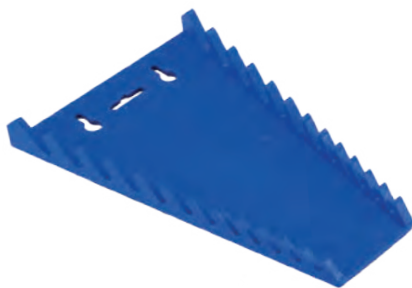


**New**

- 240x48x28 mm metal support
- 3 high power magnets
- 9 screwdriver holes

Code	€	
<b>121562</b>	<b>6,80</b>	1

## Magnetic key holder



**New**

- 229x150 (65) x24 mm metal support
- Magnet on the back
- Holes for hanging
- For use with keys from 6 to 24 mm

Code	€	
<b>121564</b>	<b>5,50</b>	1

## Magnetic paper roll holder



**New**

- Pair of metal supports
- Dimensions: 102x130x83 mm
- 0.64 kg capacity

Code	€	
<b>121568</b>	<b>9,40</b>	1

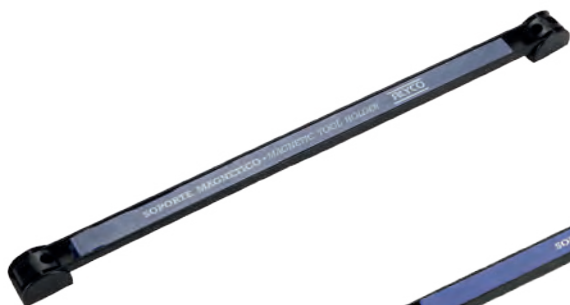


**Magnetic holder**



121518

121524



Accessory to attach magnetic holders (included 2 in 121518)t



- With hole at each end for fastening
- Screws included
- To organize, hold and exhibit all types of tools

Code	L mm	Load kg	€	
<b>121518</b>	450	13	<b>8,30</b>	1
<b>121524</b>	600	17	<b>9,90</b>	1

Display in blister

**Large magnetic hook**



- Magnetic stand with hook screwed
- Ø 64 mm
- Load capacity 11 kg

Code	€	
<b>121572</b>	<b>2,80</b>	1

Display in blister

**New**

**Set of 2 magnetic hooks**



- Magnetic stand with hook screwed
- Ø 50 mm
- Load capacity 6 kg each

Code	€	
<b>121570</b>	<b>2,50</b>	1

Display in blister with 2 hooks

**New**

**Magnetic wrist band**



- Adjustable Velcro Band
- 45x22 mm magnet
- Useful for small tools, nails, nuts, screws ...

Code	€	
<b>121535</b>	<b>2,60</b>	1

**New**

Modular storage set, 8 modules



### COMPOSITION

- 1 high cabinet 192852
- 1 high cabinet 192851
- 1 corner set 192841 or 192837
- 4 upper cabinets 192848
- 1 multi-function base cabinet 192858
- 2 base cabinets with 5 drawers 192854
- 1 base cabinet with 2 doors 192856
- 4 perforated panels 192846
- 2 work bases 192863 or 192873
- 4 connecting pillars 192865

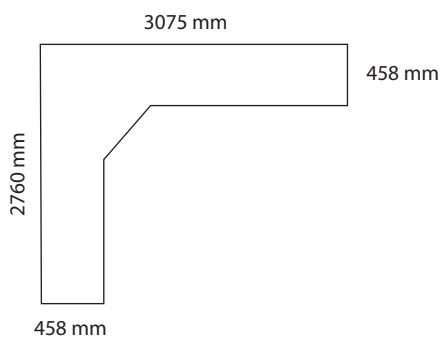


**Assembly  
Instructions**

### ACCESSORIES

- Closet shelves
- Panel hooks
- Magnetic accessories
- Drawer dividers
- Locks and keys
- Drawer guides





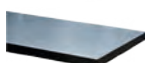
- 0.8 mm sheet thickness
- Modular system adaptable to your needs
- Quick and easy assembly
- Possibility of unlimited combinations
- Possibility of work surface in wood and stainless steel
- Components can be sold separately

**WORK BASE INCLUDED**

**Wood**



**Stainless steel**



Code	Base material	€
<b>192839</b>	<b>WOOD</b>	<b>4.616,00</b>
<b>192838</b>	<b>STAINLESS STEEL</b>	<b>4.758,00</b>

## Modular storage set, 4 modules



### COMPOSITION

- 1 high cabinet 192852
- 3 upper cabinets 192848
- 1 multi-function base cabinet 192858
- 1 base cabinet with 5 drawers 192854
- 1 base cabinet with 2 doors 192856
- 3 perforated panels 192846
- 1 work base 192862 or 192872
- 3 connecting pillars 192865
- 1 outer pillar 192864



**Assembly  
Instructions**



### ACCESSORIES

- Closet shelves
- Panel hooks
- Magnetic accessories
- Drawer dividers
- Locks and keys
- Drawer guides

- 0.8 mm sheet thickness
- Modular system adaptable to your needs
- Quick and easy assembly
- Possibility of unlimited combinations
- Possibility of work surface in wood and stainless steel
- Components can be sold separately

### WORK BASE INCLUDED

Wood



Stainless  
steel



Code	Base material	€
<b>192842</b>	<b>WOOD</b>	<b>2.395,00</b>
<b>192843</b>	<b>STAINLESS STEEL</b>	<b>2.440,00</b>



**Modular storage set 3, modules**



**COMPOSITION**

- 1 high cabinet 192852
- 2 upper cabinets 192848
- 1 base cabinet with 5 drawers 192854
- 1 base cabinet with 2 doors 192856
- 2 perforated panels 192846
- 1 work base 192863 or 192873
- 2 connecting pillars 192865
- 1 outer pillar 192864



**Assembly Instructions**



**ACCESSORIES**

- Closet shelves
- Panel hooks
- Magnetic accessories
- Drawer dividers
- Locks and keys
- Drawer guides

- 0.8 mm sheet thickness
- Modular system adaptable to your needs
- Quick and easy assembly
- Possibility of unlimited combinations
- Possibility of work surface in wood and stainless steel
- Components can be sold separately

**WORK BASE INCLUDED**

**Wood**



**Stainless steel**

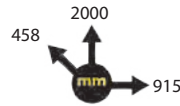


Code	Base material	€
<b>192844</b>	<b>WOOD</b>	<b>1.760,00</b>
<b>192845</b>	<b>STAINLESS STEEL</b>	<b>1.790,00</b>

## Tall cabinet with double doors



Central lock



78 kg



Assembly Instructions

- 0.8 mm steel plate
- Includes 4 metal shelves

Code	€
------	---

**192852 644,00**

**Supplied disassembled**

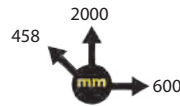
Code		€
------	--	---

**192853 SHELF 40,00**

## Tall cabinet with single door



Central lock



56 kg



Assembly Instructions

- 0.8 mm steel plate
- Includes 4 metal shelves

Code	€
------	---

**192851 445,00**

**Supplied disassembled**

Code		€
------	--	---

**192849 SHELF 35,00**

## Corner set



Central lock



Assembly Instructions

### COMPOSITION

- 1 high cabinet
- 1 base cabinet with 1 door
- 2 perforated panels
- 1 work base
- 4 pillars

- 0.8 mm steel plate
- Rear measures 800x800 mm
- Large capacity irregular cabinets

Code	Base material	€
------	---------------	---

**192841 WOOD 942,50**

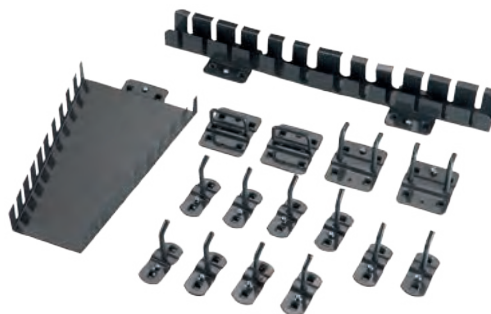
**192837 STAINLESS STEEL 998,50**

**Supplied disassembled**

## Hooks set

### CONTENTS

- 10 simple hooks
- 2 double hooks
- 2 V hooks
- 1 key holder
- 1 screwdriver holder



For 10x10 mm square panel

Code	No. of items	€
------	--------------	---

**113499 16 32,50**

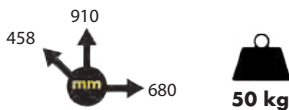
For code 192802, 192804, 192806, 192808, 192676 and modular cabinets



**5 drawer base cabinet**



Central lock



- 1 mm steel structure
- 0.8 mm steel plate
- 5 drawers with guides ball bearing

Code	€
<b>192854</b>	<b>392,50</b>

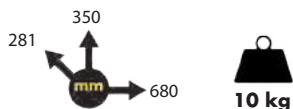
**Multifunction base cabinet**



- 1 mm steel structure
- With trapdoor for bucket trash
- With roll device of paper

Code	€
<b>192858</b>	<b>305,60</b>

**Upper cabinet**



- 1 mm steel structure
- Door with opening towards above
- Soft opening by springs Of gas

Code	€
<b>192848</b>	<b>122,70</b>

**2 doors base cabinet**



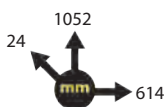
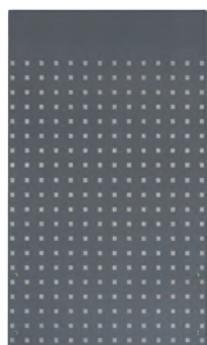
Central lock



- 1 mm steel structure
- 0.8 mm steel plate
- With 2 interior shelves

Code	€
<b>192856</b>	<b>232,50</b>

**Perforated wall panel**



- Perforated steel sheet
- Panel square 10x10 mm
- Assembled with pillars

Code	€
<b>192846</b>	<b>88,32</b>

**Pillar**



- 192865 connecting pillar between metal panels
- 192864 outer joint pillar

Code	L m	€
<b>192865</b>	1	<b>25,00</b>
<b>192864</b>	1	<b>20,00</b>

**Work base**

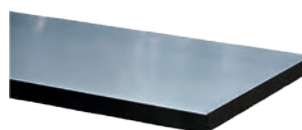
**Wood**



- 38 mm chipboard
- Special protective lacquer

Code	L m	€
<b>192863</b>	1,42	<b>159,00</b>
<b>192862</b>	2,10	<b>214,00</b>

**Stainless steel**



- 38 mm plate

Code	L m	€
<b>192873</b>	1,42	<b>185,00</b>
<b>192872</b>	2,10	<b>257,00</b>

## Workbench with two drawers



Assembly Instructions



Lock  
In 2 drawers

**500 kg**

Maximum  
load

### VERTICAL PANEL

- 1.2 mm sheet metal panel
- Worklight can be fitted. All the accessories for light installation included.
- Heavy duty square reinforcement for the back panel.
- Including 16 hooks for hanging tools on the panel

- Workbench made with 2.5 mm metal sheet
- Rubber mat protector on top of workbench included.
- Shelf underneath the bench
- Possible to anchor to floor
- Drawers with locking system
- Wrinkle paint finish with anti-rust coat

Hooks available. See page 34

### INCLUDED



Rubber mat protector



86 kg



74 kg



Assembly Instructions

DRAWERS	Dimensions mm	Admissible weight Kg
2 drawers	446x420x100	25

Code	Description	€	
192675	WORKBENCH WITHOUT PANEL	497,74	1
192676	WORKBENCH WITH PANEL	624,38	1

Delivery disassembled

## Workbench with three drawers



Assembly Instructions



Lock  
In 3 drawers

**500 kg**

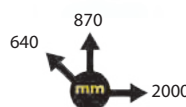
Maximum  
load

DRAWERS	Dimensions mm	Admissible weight Kg
3 drawers	430x450x145	25

- Work surface made of 2,5 mm., metal sheet
- Shelf at the bottom of the workbench.
- Possible to anchor to floor.
- Three drawers. Each drawer with its own lock.

Code	€	
192677	640,00	1

Delivery disassembled



96 kg

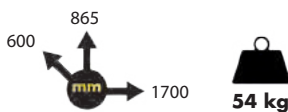


**New**

**Work table with 3 drawers and 2 gates**



**Assembly Instructions**



Central lock

**300 kg**

Maximum load

DRAWERS	Dimensions mm	Admissible weight Kg
3 drawers	444x445x175	<b>30</b>

- 0.6 mm steel plate
- 2 mm steel legs
- 2 common locks for drawers and gates
- 38 mm chipboard countertop
- Quick assembly modular structure
- Full opening of the drawers
- Drawers with guides to ball bearings
- Height adjustable feet for balancing

Code	€
<b>129755</b>	<b>580,00</b>

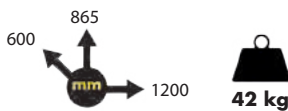
**Delivery disassembled**

**New**

**Work table with 3 drawers and 1 gate**



**Assembly Instructions**



Central lock

**300 kg**

Maximum load

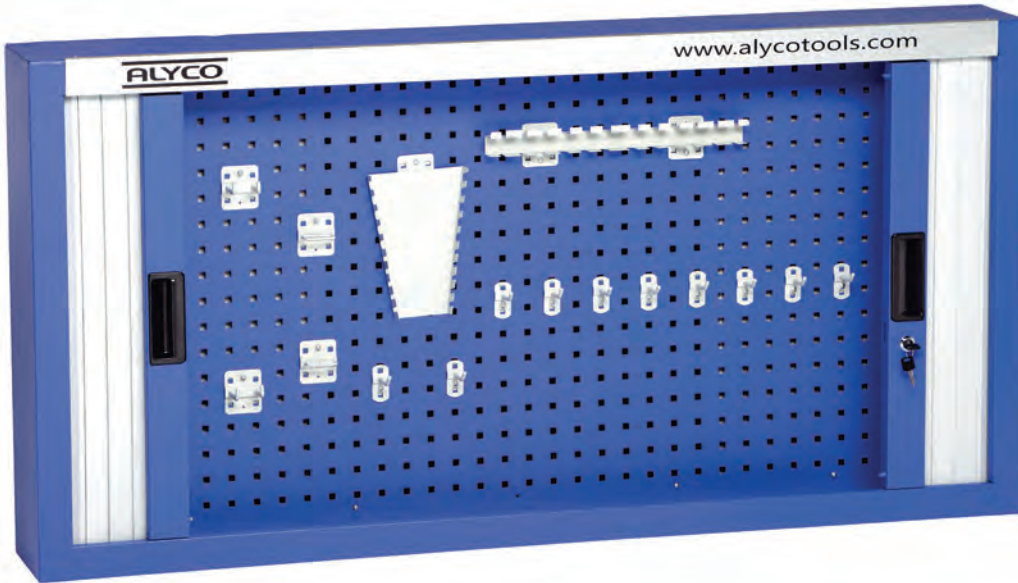
DRAWERS	Dimensions mm	Admissible weight Kg
3 cajones	444x445x175	<b>30</b>

- 0.6 mm steel plate
- 2 mm steel legs
- 1 common lock for drawers and gates
- 38 mm chipboard countertop
- Quick assembly modular structure
- Full opening of the drawers
- Drawers with guides to ball bearings
- Height adjustable feet for balancing

Code	€
<b>129750</b>	<b>480,00</b>

**Delivery disassembled**

## Shutter cabinet



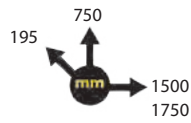
Central lock

### INCLUDES:



Pack of 16 hooks **113499**

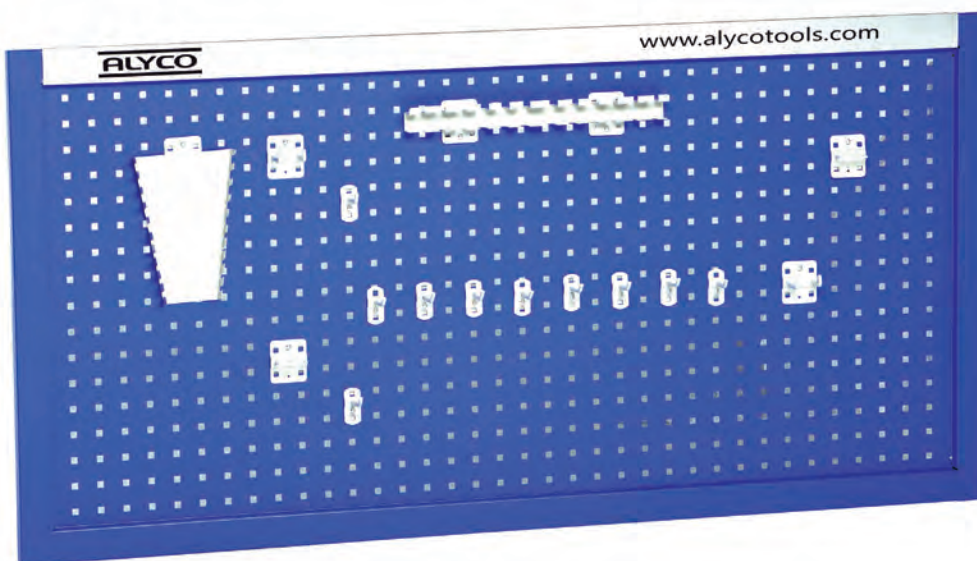
- Perforated panel of 1 mm.
- Panel holes 10x10 mm
- Lockable blind with key
- With holes in the rear part so to hang on the wall, and in the bottom to fix to work table



**38 kg**  
**44 kg**

Code	Dimensions mm	€
<b>192802</b>	1500x750x195	<b>570,00</b>
<b>192804</b>	1750x750x195	<b>645,00</b>

## Perforated panel for tools

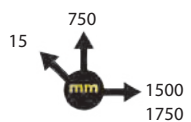


### INCLUDES:



Pack of 16 hooks **113499**

- Sheet 1 mm thick
- Holes in panel 10x10 mm
- Suitable for hanging on a wall



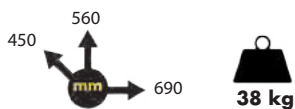
**11 kg**  
**13 kg**

Code	Dimensions mm	€
<b>192806</b>	1500x750x15	<b>182,00</b>
<b>192808</b>	1750x750x15	<b>214,00</b>



**New**

## 4 drawer tool chest



Combinable with cabinets



Central lock

**90 kg**

Maximum load

DRAWERS	Dimensions mm	Admissible weight Kg
4 drawers	670x400x48	5

- Central single locking for all compartments
- Cover with opening system with gas springs
- Rubber math protector at bottom of drawers
- Heavy duty side handles

Code	€	
<b>129705</b>	<b>320,40</b>	1

## Construction trunk



Tools not included

**192793**



Padlock ready



**192792**



- Sheet thickness: 192792 of 1 mm, 192793 of 1.2 mm.
- Wrinkle painted finish.
- Bigger metal trunk (192793) includes inner metal tray.

Code	Dimensions mm	Weight kg	€
<b>192792</b>	580 x 280 x 287	40	<b>92,50</b>
<b>192793</b>	685 x 355 x 332	50	<b>149,00</b>

## Set of construction trunks



**CONTENTS**  
192792 + 192793

Code	Dimensions mm	€
<b>192794</b>	685 x 355 x 332	<b>224,00</b>

## 5 trays metal tool box



Padlock ready

**28 kg**

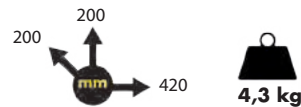
Maximum load



- Sheet thickness 0.6 mm.
- 4 trays of 500x95x50 mm
- 1 tray base of 500x200x125 mm
- Electrostatic two color painting, oven-dried
- Folding handles.

Code	€	
<b>192735</b>	<b>43,00</b>	1

## 3 trays metal tool box



Padlock ready

**18 kg**

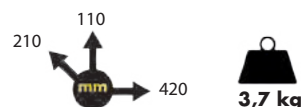
Maximum load



- Sheet thickness 0.6 mm.
- 2 trays of 420x95x50 mm
- 1 tray base of 420x200x125 mm
- Electrostatic two color painting, oven-dried
- Folding handles.

Code	€	
<b>192731</b>	<b>35,00</b>	1

## 1 tray metal tool box



Padlock ready

**8 kg**

Maximum load

- Sheet thickness 0.6 mm.
- 1 tray base of 420x210x110 mm
- Electrostatic two color painting, oven-dried
- Folding handles.

Code	€	
<b>192733</b>	<b>24,00</b>	1



**Reinforced metallic box**



183352



Padlock ready



1,5 kg

**15 kg**

Maximum load



183354



Padlock ready



2 kg

**18 kg**

Maximum load



183356



Padlock ready



3,3 kg

**22 kg**

Maximum load



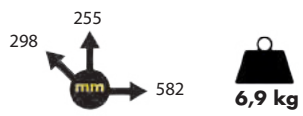
- Metal enclosure with plastic reinforcements
- 0.6 mm folded sheet
- Ergonomic mobile handle
- Metal locking lids
- Removable plastic tote tray
- Hinge with metal pin
- Shock Protectors

Code	Dimensions mm	€	
<b>183352</b>	395x180x170	<b>20,70</b>	1
<b>183354</b>	470x238x203	<b>29,66</b>	1
<b>183356</b>	582x298x255	<b>44,50</b>	1

**Set of metal boxes**



**CONTENTS**  
183352 + 183354 + 183356



6,9 kg

Code	€	
<b>183350</b>	<b>83,80</b>	1

## Reinforced modular metal trolley



Padlock ready

**50 kg**

Maximum load

Sheet thickness 0.8 mm

Ball bearing guides

Modules fixed by metal closures

5" Reinforced rubber wheels



Telescopic extensible handle in aluminum



Reinforced aluminum handle



### DIMENSIONS

1 metal box	580x280x220 mm
1 metal box	490x250x220 mm
1 lower trunk	430x250x430 mm

Code	€	Icon
<b>183310</b>	<b>169,00</b>	1

## Modular metal trolley



Padlock ready

**50 kg**

Maximum load



- Trolley comprising 3 modules
- 0.8 mm metal sheet
- Modules fixed by metal fastener lids
- Ball bearing guides
- Telescopic aluminum handle
- 5" rubber wheels

Code	€	Icon
<b>183300</b>	<b>159,00</b>	1



**Small modular plastic trolley**



Padlock ready

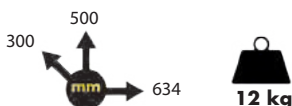
**20 kg**



Maximum load



Tools not included



**DIMENSIONS**

1 bottom case	634x300x279 mm
1 upper case	508x256x223 mm

- Trolley made up of plastic tool storage case and plastic tool box with aluminium handle
- Both cases with inner plastic trays
- Tool box fixed to the plastic trolley by metal locking lids
- Plastic tool box with aluminium handle and transparent plastic organizer on the upper part
- Extendable telescopic handle
- Rubber wheels. Big size wheels for an easy handling

Code	€	
<b>192796</b>	<b>124,76</b>	1

**Modular plastic trolley**



Padlock ready

**20 kg**



Maximum load



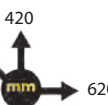
- Modular trolley made in hard plastic for higher resistance
- Loading storage module + 3 drawers + plastic case with inner tray
- Can be knocked down in three different modules
- Extendable telescopic handle
- Large sized rubber wheels



Tools not included

Code	€	
<b>192795</b>	<b>90,82</b>	1

**4 in 1 plastic storage case**

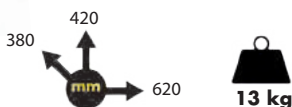


Padlock ready

**20 kg**



Maximum load



Tools not included

- Upper plastic tote tray for tools.
- Bottom plastic case for tools.
- Plastic cover with storage compartment.
- Folding handle.
- Loading storage compartment of high capacity.
- Rubber wheels for easy transport.

Code	€	
<b>192759</b>	<b>75,06</b>	1

## Plastic cases with tote trays



Tools not included

Removables trays



192821



192822



192823



192824



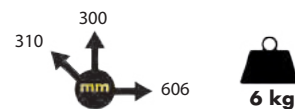
Padlock ready

Each box with:

- Inner plastic tote tray.
- Loading storage area. Two small plastic extractable cases fitted in the top of each case.
- Ergonomic plastic handle covered with non slip rubber

Code	Dimensions mm	Capacity load (kg)	€
<b>192821</b>	606x310x300	10	<b>27,40</b>
<b>192822</b>	508x250x240	8	<b>19,60</b>
<b>192823</b>	432x220x180	5	<b>12,20</b>
<b>192824</b>	355x180x140	3	<b>7,10</b>

## Pack of 4 cases



**CONTENTS**  
192821 + 192822  
192823 + 192824

Code	€	Icon
<b>192765</b>	<b>63,00</b>	1

## Pack of 3 cases



**CONTENTS**  
192822 + 192823 + 192824

Code	€	Icon
<b>192829</b>	<b>36,00</b>	1



**Reinforced plastic box**



Padlock ready

**8 kg**

Maximum load



- Ergonomic aluminum mobile handle
- Metal locking lids
- Removable plastic tote tray
- Hinge with metal pin
- Shock Protectors on corners



**6 kg**

Code	€	
<b>183370</b>	<b>29,90</b>	1

**Case for consumables**



Up to 7 boxes can be piled up

- 4 drawers with 4 compartments each
- Top compartment with plastic lid
- Plastic handle



**2,4 kg**

Code	€	
<b>183360</b>	<b>30,40</b>	6

**Double side plastic case organisers**



Consumables not included



- Double tray plastic case with multiple divisions on each tray.
- Inner lay-out of the plastic case can be modified moving the inner plastic divisions.
- With individual locking for each cover.
- Polycarbonate transparent covers.

Code	Dimensions mm	€	
<b>192766</b>	320x260x80	<b>9,88</b>	5
<b>192768</b>	380x290x80	<b>12,72</b>	5

## Plastic organisers



Special design of the cover that keeps fixed the inner cases when the cover is closed

- Ergonomic bimaterial handle.
- Double side locking of the plastic case.

Code	Compartments	€	
<b>192763</b>	8	<b>21,93</b>	5
<b>192762</b>	19	<b>16,87</b>	5
<b>192760</b>	15	<b>8,51</b>	5

Consumables not included

## 4 wheel aluminum trolley



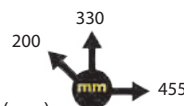
Includes 2 number locks



**15 kg**



internal measurements (mm)



Double lock

Maximum load



**5,3 kg**

Extendable handle



Trolley

Trolley + bag  
198154

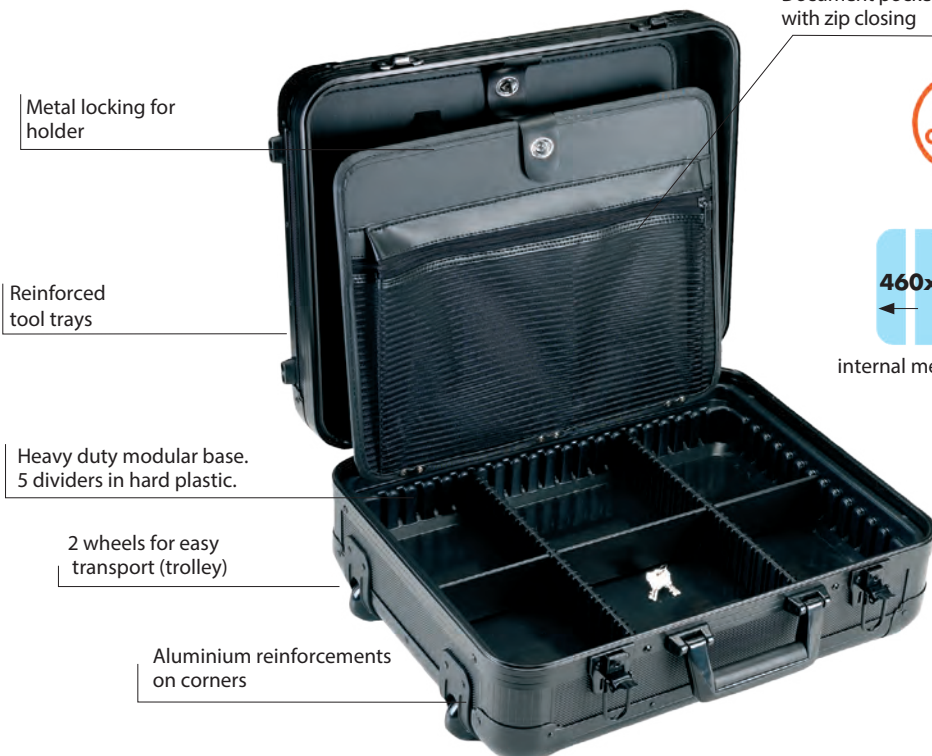
360° turning wheels with possibility of extraction

- Metal structure with aluminum panels
- 2 tool panels with elastic fasteners
- Vertical tray clamping system

Code	Description	Dimensions mm	€
<b>198121</b>	<b>CASE</b>	455x330x200	<b>140,00</b>
<b>198122</b>	<b>CASE + BAG</b>	1000x330x200	<b>196,00</b>

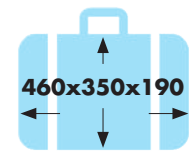
**New**

**Heavy duty aluminium case**

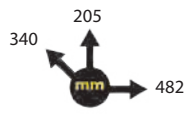


Central lock

**20 kg**  
Maximum load



internal measurements (mm)



Extendable handle



Trolley

Trolley + bag  
198154



Code	Description	Dimensions mm	€
<b>198100</b>	<b>CASE</b>	482x340x205	<b>148,00</b>
<b>198105</b>	<b>CASE + BAG</b>	800x340x205	<b>204,00</b>

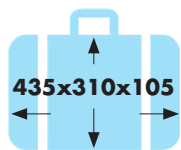
**Aluminium case with 1 tool panel**



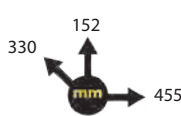
Central lock

**15 kg**  
Maximum load

Extendable handle



internal measurements (mm)



Trolley



Trolley + bag  
198154

- Panel for holding tools with straps and pockets
- Metal locking for holding the panel in vertical position
- Modular base (5 dividers)
- Extendable handle and wheels for easy transport (trolley)

Code	Description	Dimensions mm	€
<b>198110</b>	<b>CASE</b>	455x330x152	<b>69,00</b>
<b>198115</b>	<b>CASE + BAG</b>	770x330x152	<b>125,00</b>



## Nylon bag with metal handle

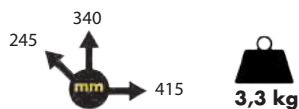
Polyester  
600D

Soft rubber grip  
metal handle



Shoulder strap with  
rubber reinforcement in the  
shoulder contact area

Outer part with different types  
of pockets



**45 kg**

Maximum  
load



Side specially designed for different  
shapes and small tools. Zip locking.



Side specially designed for big size  
tools (electrical tools, batteries, painting  
bottles, etc). Plastic covered docu-  
ment pocket. Zip locking.

Code	€	
<b>198160</b>	<b>79,00</b>	1

Tools not included

## Mobile tool bag

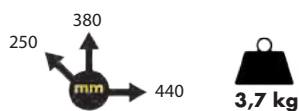
Polyester  
600D

Reinforced and padded  
nylon handle



Plastic supports  
at base to lean on ground

Sides with different sized  
pockets



**25 kg**

Maximum  
load

Bag with top zip  
lockings

Inner part with many  
different pocket sizes



Reinforced base  
for keeping opened  
during work



Extensible  
aluminum handle

Code	€	
<b>198150</b>	<b>67,00</b>	1

Tools not included

**New**

**Nylon trolley bag**

Polyester 600D

Reinforced and padded nylon handle

**20 kg**

Maximum load

Rigid top opening and wide for easy access



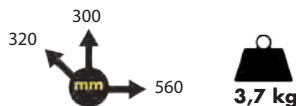
Telescopic handle



Tools not included

Padded adjustable strap for shoulder

- Made of sturdy nylon
- Rugged stitching with reinforced edge
- 6 exterior and 8 interior pockets
- Nylon zipper with easy opening
- Telescopic handle and integrated wheels
- Rigid waterproof plastic base
- Adjustable side ties for long tool transport
- External metal clip for flexometer



Code	€	
<b>198132</b>	<b>76,50</b>	1

**Nylon laptop and tools bag**

Polyester 600D

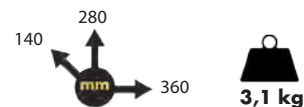
**30 kg**

Maximum load

Place for lap top 12"



Shoulder strap with rubber reinforcement in the contact area with the shoulder



Inner place for different tools

4 outer pockets

Outer part with different pockets

Code	€	
<b>198154</b>	<b>58,00</b>	1

Tools not included

## Nylon backpack with inner panel

Polyester 600D



30 kg

Maximum load

Bag with top zip lockings

Inner part with many and different pocket sizes



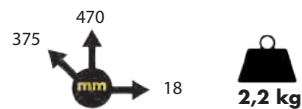
Strong panel with 56 divisions



Reflective straps

Plastic supports at base to lean on ground

Sides with different sized pockets



Code	€	
198152	69,50	1

Tools not included

## Nylon trolley

Polyester 600D



20 kg

Maximum load

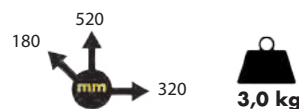


Padlock ready

Large internal pocket suitable for computers



Removable inner panel with multiple compartments



- Made of sturdy nylon
- Nylon zipper with easy opening
- Rigid waterproof plastic base

Code	€	
198135	99,00	1

Tools not included

New



**Nylon backpack**

Polyester 600D



Reinforced and padded nylon handle

Shoulder straps adjustable and padded

3 front and 2 side pockets

**15 kg**

Maximum load

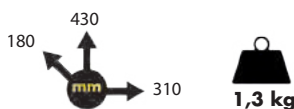
Tools not included



Compartment for computer

Compartment for documentation

10 pockets of different sizes



**New**

- Made of sturdy nylon
- Nylon zipper with easy opening
- Rigid waterproof plastic base

Code	€	
<b>198134</b>	<b>48,00</b>	1

**Nylon bag**

Polyester 600D



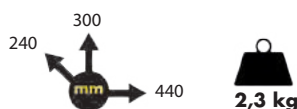
Reinforced handles with plastic closure

Adjustable padded shoulder strap

Rigid upper opening and wide for easy access



Tools not included



**New**

**20 kg**

Maximum load

- Made of sturdy nylon
- Rugged stitching with reinforced edge
- 10 exterior and 10 interior pockets
- Removable inner rigid panel for strengthen the bottom
- Nylon zipper with easy opening
- Waterproof plastic base
- External metal clip for flexometer

Code	€	
<b>198130</b>	<b>49,80</b>	1

**Nylon bag**

Polyester 600D



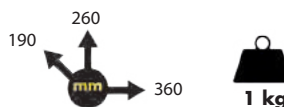
Padded reinforced handle

Adjustable strap padded shoulder

Rigid upper opening and wide for easy access



Tools not included



**New**

**15 kg**

Maximum load

- Made of sturdy nylon
- Rugged stitching with reinforced edge
- 6 exterior and 6 interior pockets
- Nylon zipper with easy opening
- Waterproof plastic base
- External metal clip for flexometer

Code	€	
<b>198125</b>	<b>28,00</b>	1

## Nylon bag

Polyester  
600D

Outside area  
with different  
types of pockets



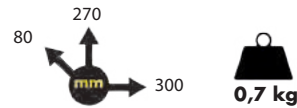
Inner pockets  
for various tools

Main closure  
with velcro

Padded shoulder strap



Possibility of adjusting to  
shoulder and waist



Code	€	
196860	30,50	1

## Nylon belt bag

Padded nylon reinforcement

Polyester  
600D

Large pocket

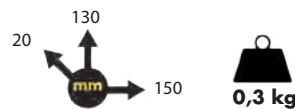


Nylon belt  
adjustable with  
click shut buckle

Padded pocket  
for delicate material



Possibility of fastening to the pocket or the belt



Code	€	
196850	9,10	1

## Nylon builders bag

Polyester  
600D

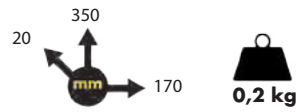


- Nylon fabric with inner reinforcements
- Adjustable nylon belt
- Click shut buckle

Code	€	
196872	22,20	1

**Nylon bag for power tool**

Polyester  
600D



- Adjustable nylon fastening strap
- Quick-release buckle for securing of the power tool

Code	€	
<b>196852</b>	<b>11,30</b>	1

**Nylon bag**



196880



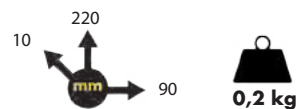
196882

- Made of nylon with internal reinforcements
- Adjustable nylon belt
- Click shut buckle

Code	Dimensions mm	€
<b>196880</b>	240x240x55	<b>15,90</b>
<b>196882</b>	170x240x55	<b>14,50</b>

**Individual nylon bag**

Polyester  
600D



Possibility of securing to pocket and belt

Code	€	
<b>196848</b>	<b>4,50</b>	1





## 03 Pliers and cutters



High leverage pliers 55



Combination pliers 56



Cutting pliers 57



Water pump pliers 58



Insulated pliers 59



Circlip pliers 62



Locking pliers 63



Mini pliers 64



Pincers 66



Bolt cutters 68



Wire cutters 69



Wire strippers 70



Crimping pliers 72



Scissors 74



Knives 76



Aviation snips 79

**Combination pliers**

DIN 5746

**High leverage**

CR-V STEEL

Cutting edges induction-hardened up to HRC 62

Bimaterial handgrips, easier handling



Polished and lacquered to prevent rust

**45% LESS EFFORT**

**CUTTING TABLE**

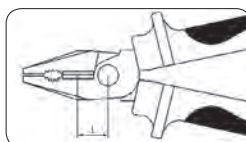
	Ø mm
	101206/ 101208/ 101209
○	<b>4/5/6</b>
◐	<b>2,8/3,5/4</b>
◑	<b>1,8/2,4/2,8</b>
●	<b>1,6/2/2,4</b>

Code	L mm	L "	€	
<b>101206</b>	180	7	<b>17,42</b>	6
<b>101208</b>	200	8	<b>22,00</b>	5
<b>101209</b>	225	9	<b>23,00</b>	5

Display with hanger

**HIGH LEVERAGE PRINCIPLE**

Lesser effort, up to 45%, both in cutting and handling operations (Holding, folding, tightening).



Less distance between rotation axis and cutting edge because of eccentric joining of the rivet.

**SHAFT-DISTANCE UNIVERSAL PLIERS**

L mm	High leverage	Standard
	<b>14</b>	<b>20</b>

**Cutting pliers**

DIN 5749

**High leverage**

CR-V STEEL



**CUTTING TABLE**

Wire	Ø mm
	110304 110305
○	<b>4</b>
◐	<b>3</b>
◑	<b>2</b>
●	<b>1,6</b>

Code	L mm	L "	€	
<b>110304</b>	160	6	<b>17,50</b>	6
<b>110305</b>	180	7	<b>21,00</b>	5

Display with hanger

**Diagonal cutting pliers**

DIN 5749

**High leverage**

CR-V STEEL



**CUTTING TABLE**

Wire	Ø mm
	101312
○	<b>5</b>
◐	<b>3,5</b>
◑	<b>2,4</b>
●	<b>2</b>

Code	L mm	L "	€	
<b>101312</b>	200	8	<b>22,00</b>	5

Display with hanger

**Long nose pliers**

DIN 5745

**High leverage**

CR-V STEEL



Code	L mm	L "	€	
<b>101303</b>	160	6	<b>17,50</b>	6
<b>101304</b>	200	8	<b>21,00</b>	5

Display with hanger

**CUTTING WIRE:** ○ Soft / ◐ Semi-hard / ◑ Hard / ● Piano wire

## Combination pliers

DIN  
5746

CR-V  
STEEL



CUTTING TABLE	
	Ø mm 101201/ 101202/ 101203
○	4/4/4
◐	2,8/3/3
◑	1,8/2/2
●	1,4/1,6/1,6

- Hardened cutting edges
- Polished and lacquered finish (rust proof)
- Bimaterial and ergonomic handgrips

Code	L mm	L "	€	
<b>101200</b>	130	5	<b>10,50</b>	6
<b>101201</b>	160	6	<b>11,50</b>	6
<b>101202</b>	180	7	<b>12,50</b>	6
<b>101203</b>	200	8	<b>13,50</b>	6

Display with hanger

## Long nose pliers

DIN  
5745

CR-V  
STEEL



Code	L mm	L "	€	
<b>101300</b>	140	5,5	<b>11,50</b>	6
<b>101301</b>	160	6	<b>11,90</b>	6
<b>101302</b>	200	8	<b>13,80</b>	6

Display with hanger

## Bent nose pliers

DIN  
5745

CR-V  
STEEL



Code	L mm	L "	€	
<b>101310</b>	200	8	<b>14,80</b>	6

Display with hanger

## Flat nose pliers

DIN  
5745

CR-V  
STEEL



Code	L mm	L "	€	
<b>102201</b>	160	6	<b>11,50</b>	6

Display with hanger

## Round nose pliers

DIN  
5745

CR-V  
STEEL



Code	L mm	L "	€	
<b>104101</b>	160	6	<b>12,50</b>	6

Display with hanger

## Wire stripping pliers

CR-V  
STEEL



- With screw to adjust to wire diameter

Code	L mm	L "	€	
<b>107101</b>	160	6	<b>17,28</b>	6

Display with hanger

CUTTING WIRE: ○ Soft / ◐ Semi-hard / ◑ Hard / ● Piano wire



**Diagonal cutting pliers**

DIN  
5749

CR-V  
STEEL



- Hardened cutting edges
- Polished and lacquered finish (rust proof)
- Bimaterial and ergonomic handgrips

**CUTTING TABLE**

Wire	Ø mm
	110302 110303
○	4
◐	3
◑	2
●	1,6

Code	L mm	L "	€	
<b>110301</b>	130	5,5	<b>11,00</b>	6
<b>110302</b>	160	6	<b>11,50</b>	6
<b>110303</b>	180	8	<b>12,50</b>	6

Display with hanger

**Heavy duty diagonal cutting pliers**

DIN  
5749

CR-V  
STEEL



**CUTTING TABLE**

Wire	Ø mm
	110310/ 110311
○	5
◐	3,5
◑	2,4
●	2

Code	L mm	L "	€	
<b>110309</b>	160	6	<b>12,50</b>	6
<b>110310</b>	180	7	<b>13,50</b>	6
<b>110311</b>	200	8	<b>15,00</b>	6

Display with hanger

**Pliers set**

**High leverage**



Dimensions of box: 255x185x48 mm

**CONTENTS** 101206 / 110305 / 101304

Code	No. of Items	€	
<b>101217</b>	3	<b>58,50</b>	1

**End cutting pliers**

DIN  
5748

CR-V  
STEEL



**CUTTING TABLE**

Wire	Ø mm
	111100 /111101
○	4/5
◐	3/3,5
◑	2/2,4
●	1,6/2

Code	L mm	L "	€	
<b>111100</b>	160	6	<b>14,00</b>	6
<b>111101</b>	200	8	<b>16,80</b>	6

Display with hanger

**Pliers set**



Dimensions of box: 255x185x48 mm

**CONTENTS** 101202 / 110303 / 101302

Code	No. of Items	€	
<b>101210</b>	3	<b>38,90</b>	1

**CUTTING WIRE:** ○ Soft / ◐ Semi-hard / ◑ Hard / ● Piano wire

## Automatic adjustment waterpump pliers

CR-V-MO  
STEEL



Quick adjustment to the size of the bolt

- Jaws with hardened teeth (60 HRC).
- Big mouth thickness (12 mm), allowing more tightening force.
- Finishing: black Phosphate surface. Polished jaws, P.V.C. covered handles.

Code	L mm	L "	Max. Capac. $\varnothing$ mm	€	
<b>115140</b>	240	9,5	42	<b>28,00</b>	6

Display with hanger

## Quick adjustment waterpump pliers

CR-V  
STEEL



- High frequency hardening of dented groove (HRC 55-60)
- Finishing: black Phosphate surface.
- Polished jaws.



Values for 115125

Code	L mm	L "	Max. Capac. $\varnothing$ mm	Depth mm	€	
<b>115115</b>	150	6	28	26	<b>21,50</b>	6
<b>115120</b>	180	7	37	32	<b>24,00</b>	6
<b>115125</b>	240	9,5	49	38	<b>26,00</b>	6
<b>115130</b>	300	12	68	47	<b>37,00</b>	5
<b>115135</b>	400	16	95	64	<b>67,00</b>	3

Display with hanger (except 115135)

## Groove joint waterpump pliers

DIN  
8976

CR-V  
STEEL



• Satin finish coated

Code	L mm	L "	Max. Capac. $\varnothing$ mm	€	
<b>111199</b>	200	8	35	<b>17,00</b>	6
<b>111200</b>	250	10	50	<b>19,50</b>	6
<b>111201</b>	300	12	50	<b>28,90</b>	6

Display with hanger

## Box joint waterpump pliers

DIN  
8976

CR-V  
STEEL



- Opening in 7 fixed positions
- Male-female joint
- Hardened jaws

Code	L mm	L "	Max. Capac. $\varnothing$ mm	€	
<b>115105</b>	250	10	36	<b>25,90</b>	6

Display with hanger

**Insulated cutting and handling pliers**

DIN 5746  
EN 60900

**High leverage**

Certification mark of compliance to the EN 60900

CR-V  
STEEL

Handgrips covered with special insulating material



**VDE Certificate**



**EN 60900 STANDARD**

Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.

CUTTING TABLE	
	Ø mm 101804/ 101805
○	4/5
◐	2,8/3,5
◑	1,8/2,4
●	1,6/2



Code	L mm	L "	€	
<b>101804</b>	180	7	<b>23,84</b>	6
<b>101805</b>	200	8	<b>26,21</b>	5

Display with hanger

**Diagonal cutting pliers**

DIN 5749  
EN 60900

**High leverage**

CR-V  
STEEL



CUTTING TABLE	
Wire	Ø mm 101823 101824
○	4
◐	3
◑	2
●	1,6



Code	L mm	L "	€	
<b>101823</b>	160	6	<b>22,26</b>	6
<b>101824</b>	180	7	<b>23,95</b>	5

Display with hanger

**Long nose pliers with side cutter**

DIN 5745  
EN 60900

**High leverage**

CR-V  
STEEL



Code	L mm	L "	€	
<b>101812</b>	160	6	<b>24,22</b>	6
<b>101813</b>	200	8	<b>26,66</b>	5

Display with hanger

**Insulated pliers set**

**High leverage**



**CONTENTS** 101804 / 101824 / 101813

Code	No. of Items	€	
<b>101862</b>	3	<b>74,91</b>	1

Dimensions of box 255x185x48 mm



## Insulated combination pliers

DIN  
5746  
EN  
60900

CR-V  
STEEL



### CUTTING TABLE

	Ø mm
	101801/ 101802/ 101803
○	4/4/4
◐	2,8/3/3
◑	1,8/2/2
●	1,4/1,6/1,6



Code	L mm	L "	€	
101801	160	6	19,73	6
101802	180	7	21,16	6
101803	200	8	23,26	5

Display with hanger

## Diagonal cutting pliers

DIN  
5749  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
101821	160	6	19,73	6
101822	180	7	21,24	5

Display with hanger

## Heavy-duty diagonal cutting pliers

DIN  
5749  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
101825	180	7	22,78	6
101826	200	8	25,52	6

Display with hanger

## Long nose pliers

DIN  
5745  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
101810	160	6	21,48	6
101811	200	8	23,64	6

Display with hanger

## Bent long nose pliers

DIN  
5745  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
101815	200	8	25,49	6

Display with hanger

**Flat nose pliers**

DIN  
5745  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
<b>101835</b>	160	6	<b>20,32</b>	6

Display with hanger

**Round nose pliers**

DIN  
5745  
EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
<b>101830</b>	160	6	<b>19,49</b>	6

Display with hanger

**Insulated wire stripping pliers**

EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
<b>101840</b>	160	6	<b>29,50</b>	6

Display with hanger

**Insulated water pump pliers**

EN  
60900

CR-V  
STEEL



Code	L mm	L "	€	
<b>101845</b>	240	9,5	<b>30,18</b>	6

Display with hanger

**Insulated wire stripper**

EN  
60900

CR-V  
STEEL



**CUTTING TABLE**

Code	Wire Ø mm
101848	<b>13,5</b>

- Special shape of cutting edges for cables
- Polished head finish
- With mechanical stop
- Bi-material and ergonomic handles



Code	L mm	L "	€	
<b>101848</b>	250	10	<b>46,50</b>	6

Display with hanger

Not suitable for cutting steel wire or copper twisted cable

**Insulated pliers set**



Dimensions of box 255x185x48 mm



**CONTENTS** 101802 / 101822 / 101811

Code	No. of Items	€	
<b>101860</b>	3	<b>67,00</b>	1

## Circlip pliers Seeger

DIN 5254

CR-V STEEL

EXTERNAL STRAIGHT NOSE



Code	Ø mm	L mm	€	
106202	10 a 25	140	15,48	6
106203	19 a 60	180	17,18	6
106204	40 a 100	220	19,58	6
106220	85 a 165	300	29,00	6

Display with hanger

DIN 5256

CR-V STEEL

INTERNAL STRAIGHT NOSE



Code	Ø mm	L mm	€	
106209	12 a 25	140	15,15	6
106210	19 a 60	180	17,26	6
106211	40 a 100	220	19,30	6
106230	85 a 165	300	29,00	6

Display with hanger

## Circlip pliers set



Dimensions of box: 255x185x48 mm

### CONTENTS

101218 106202 / 106206 / 106209 / 106212 (L 140 mm)

101220 106203 / 106207 / 106210 / 106213 (L 180 mm)

Code	No. of Items	€	
101218	4	61,46	1
101220	4	70,00	1

DIN 5254

CR-V STEEL

EXTERNAL BENT NOSE



Code	Ø mm	L mm	€	
106206	10 a 25	140	15,68	6
106207	19 a 60	180	17,70	6
106208	40 a 100	220	19,72	6
106225	85 a 165	300	29,50	6

Display with hanger

DIN 5256

CR-V STEEL

INTERNAL BENT NOSE



Code	Ø mm	L mm	€	
106212	12 a 25	140	15,15	6
106213	19 a 60	180	17,84	6
106214	40 a 100	220	20,01	6
106235	85 a 165	300	29,50	6

Display with hanger

## Circlip pliers set

L 220 MM



CONTENTS 106204 / 106208 / 106211 / 106214

Code	No. of Items	€	
101222	4	78,60	1



**Curved jaw locking pliers with wire cutter**

CR-V  
STEEL

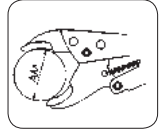
Finish: polished jaws  
and nickel-plated body

Knurled lock nut to  
adjust to required  
opening

Quick-release lever

Termination: mouths  
polished and nickel plated

Curved jaws with wire-cutter



MO: maximum opening

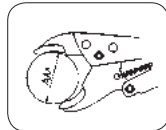
Code	L mm	L "	MO mm	€	
<b>109101</b>	135	5,5	30	<b>9,60</b>	3
<b>109102</b>	190	7,5	42	<b>13,69</b>	3
<b>109103</b>	235	9	63	<b>15,70</b>	3

Display with hanger

**Straight jaw locking pliers**

CR-V  
STEEL

MO: maximum opening



Code	L mm	L "	AM mm	€	
<b>109104</b>	190	7,5	42	<b>13,82</b>	3
<b>109105</b>	235	9	63	<b>15,84</b>	3

Display with hanger

**Chain locking pliers**

CR-V  
STEEL

Maximum capacity: Ø 160 mm



Code	L mm	L "	€	
<b>109009</b>	250	10	<b>30,00</b>	1

Display with hanger

**C clamp locking pliers**

CR-V  
STEEL



Code	L mm	L "	€	
<b>109007</b>	300	12	<b>19,81</b>	1

Display with hanger

**Welding clamp locking pliers**

CR-V  
STEEL



Code	L mm	L "	€	
<b>109015</b>	300	12	<b>18,00</b>	1

Display with hanger

## Diagonal cutting precision minipliers

CR-V  
STEEL



Diagonal cutting for a better cutting and longer life of the edge.



### ANTI STATIC HANDLES

Special material handles allowing a controlled electrical discharging of the tool. Suitable for electric appliances.

- Induction-hardened cutting edges 55-60 HRC
- Complete induction tempered
- Bimaterial handle with antislip surface for a safer use
- Double plastic-coated handgrips
- Ergonomic extra size handgrips for a more comfortable use

Code	L mm	L "	€	
<b>113175</b>	115	4,5	<b>13,10</b>	12

Display with hanger

## Combination minipliers



Code	L mm	L "	€	
<b>113185</b>	115	4,5	<b>13,10</b>	12

## End cut minipliers



Code	L mm	L "	€	
<b>113180</b>	115	4,5	<b>13,10</b>	12

Display with hanger

## Flat nose minipliers



Code	L mm	L "	€	
<b>113165</b>	130	5	<b>13,10</b>	12

Display with hanger

## Round nose minipliers



Code	L mm	L "	€	
<b>113170</b>	130	5	<b>13,10</b>	12

Display with hanger

## Round nose cutting minipliers



Code	L mm	L "	€	
<b>113155</b>	140	5,5	<b>13,10</b>	12

Display with hanger

**Long nose minipliers**



Code	L mm	L "	€	
<b>113160</b>	150	6	<b>13,10</b>	12

Display with hanger

• Smooth inner part of the mouth



**Diagonal cutting minipliers**



**21°**

Cutting angle

• Extra precise cutting angle

Code	L mm	L "	€	
<b>113192</b>	125	5	<b>13,10</b>	12

Display with hanger



**45°**

Cutting angle

Code	L mm	L "	€	
<b>113194</b>	125	5	<b>13,10</b>	12

Display with hanger

**Precision minipliers set**



Dimensions of box 255x185x48 mm

**CONTENTS** 113160 / 113175 / 113185 / 113180

Code	No. of items	€	
<b>113190</b>	4	<b>52,40</b>	1

**Precision minipliers and screwdrivers set**



Closed bag dimensions: 220x150x40 mm

**CONTENTS**

- 113160 - 113175 - 113180
- 1,5x50 - 2x50 - 2,5x50
- PH00x50 - PH0x50 - PH1x50

Code	No. of items	€	
<b>113195</b>	9	<b>56,09</b>	1

**Precision tweezers**

STAINLESS STEEL



• Anti-slip finished  
• Antimagnetic, antiacide

Code	L mm	L "	€	
<b>113142</b>	120	5	<b>5,50</b>	6

STAINLESS STEEL



Code	L mm	L "	€	
<b>113144</b>	120	5	<b>4,50</b>	6



## High leverage tower pincers

CR-V  
STEEL

CUTTING TABLE	
Steel	Ø mm
○	6
◐	4,5
●	2,5

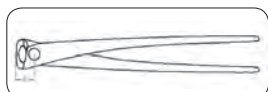


- Cutting edges hardened to HRC 58÷62
- Body entirely hardened to HRC 45
- Black finish

### HIGH LEVERAGE PRINCIPLE

Less distance between rotation axis and cutting edge.

Reduction effort up 50%



### SHAFT-DISTANCE PINCERS

L	High Leverage	Standard
mm	20,5	30

Code	L mm	L "	€	
<b>114010</b>	300	12	<b>24,00</b>	6

Display with hanger

## Tower Pincers

DIN  
9242

CR-V  
STEEL



### CUTTING TABLE

Steel	Ø mm
○	4
◐	3
●	2

- Induction-hardened side cutting edges
- Polished Head. Black finish

Code	L mm	L "	€	
<b>114005</b>	225	9	<b>10,76</b>	6
<b>114006</b>	250	10	<b>11,59</b>	6
<b>114007</b>	280	11	<b>12,55</b>	6
<b>114008</b>	300	12	<b>14,17</b>	6

Display with hanger

## Tower Pincers, plastic handles

DIN  
9242

CR-V  
STEEL



Code	L mm	L "	€	
<b>114015</b>	225	9	<b>11,49</b>	6
<b>114016</b>	250	10	<b>12,27</b>	6
<b>114017</b>	280	11	<b>13,18</b>	6
<b>114018</b>	300	12	<b>14,74</b>	6

Display with hanger

## Carpenters pincers

DIN  
9243

CR-V  
STEEL



- Entirely Hardened. Induction-hardened cutting edges.
- Black finish.
- Polished head.

Code	L mm	L "	€	
<b>114001</b>	160	6	<b>12,68</b>	6
<b>114002</b>	180	7	<b>15,12</b>	6
<b>114003</b>	200	8	<b>16,26</b>	6

Display with hanger

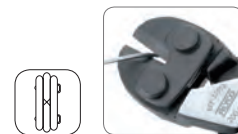
**Compound diagonal cutting pliers**

CR-V-MO  
STEEL

CUTTING TABLE	
Wire	Ø mm
○	6
◐	5
◑	4
●	3,6



- Hardened cutting edges (63 HRC).
- Joint allows a large cutting capacity with minimum force.
- Mechanical stop.
- Bi-material and ergonomic handgrips.
- Black coating finish



Code	L mm	L "	€	
<b>110320</b>	200	8	<b>32,91</b>	5

Display with hanger

**Articulated diagonal cutting pliers 35°**

CR-V-MO  
STEEL

CUTTING TABLE	
Wire	Ø mm
○	6
◐	5
◑	4
●	3,6



Special for flush cutting due to the 35° inclination of the head

- Same characteristics and cutting capacity as 110320

Code	L mm	L "	€	
<b>110322</b>	200	8	<b>37,25</b>	5

Display with hanger

**One-hand wire cutter**


CR-V  
STEEL

CUTTING TABLE	
Wire	Ø mm
◐	3
◑	2
●	1,6



**PARA CORTE DE AÇO**

- Shear cut
- With spring and mechanical stop
- PVC covered handgrips

Code	L mm	L "	€	
<b>123200</b>	180	7	<b>25,11</b>	1

Display with hanger

**Two-hand wire cutter**


CR-V  
STEEL

CUTTING TABLE	
Wire	Ø mm
◐	14
◑	12
●	10



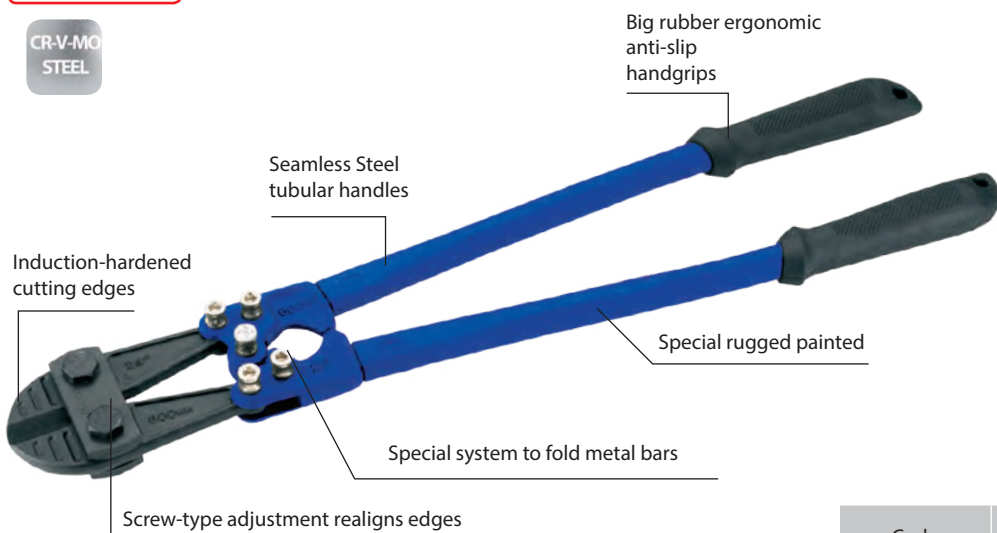
**PARA CORTE DE AÇO**

- Exchangable drop-forged blades
- Shear cut
- Injected aluminium handles
- Anti-slip rubber handgrips

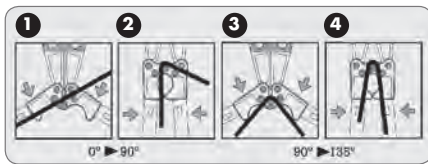
Code	L mm	L "	€	
<b>123210</b>	600	24	<b>205,92</b>	1
<b>SPARE BLADE</b>				
<b>123215</b>	for code 123210		<b>124,25</b>	1

## Bolt cutter

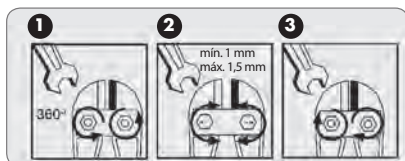
CR-V-MO  
STEEL



### ADJUSTABLE BOLT CUTTER



### INSTRUCTIONS FOR FOLDING



### CUTTING AND FOLDING TABLE

Code	Steel cutting capacity Ø mm		Folding Ø mm
	15 HRC	40 HRC	
123010	7	4	-
123031	8	5	6
123032	10	6	8
123033	13	7	9
123034	16	8	12



Code	L mm	L "	€	
<b>123010</b>	350	14	<b>40,17</b>	1
<b>123031</b>	450	18	<b>55,00</b>	1
<b>123032</b>	600	24	<b>64,52</b>	1
<b>123033</b>	750	30	<b>86,08</b>	1
<b>123034</b>	900	36	<b>106,81</b>	1

### SPARE BLADES

<b>123110</b>	for 123010	<b>26,39</b>	1
<b>123111</b>	for 123031	<b>32,67</b>	1
<b>123112</b>	for 123032	<b>40,16</b>	1
<b>123113</b>	for 123033	<b>51,20</b>	1
<b>123114</b>	for 123034	<b>58,99</b>	1

### DISPLAYER

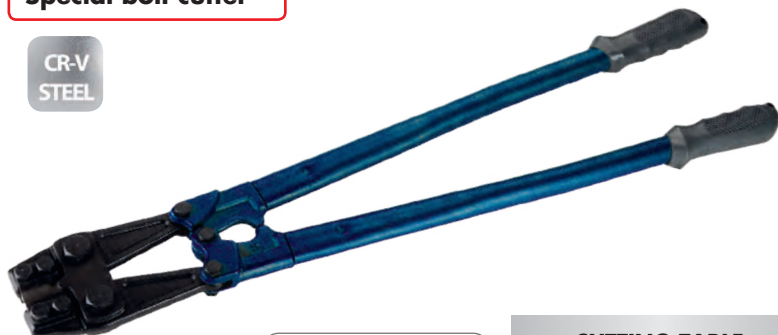
Code	No. of Items	€
<b>123120</b>	7	<b>513,24</b>

**CONTENTS** 123031 (2) / 123032 (2)  
123033 (2) / 123034 (1)

- Drop-forged steel jaws
- Hardened cutting edges 56-61 HRC
- Big rubber ergonomic anti-slip handgrip

## Special bolt cutter

CR-V  
STEEL



Spare blade with  
3 cutting edges

### CUTTING TABLE

Code	Steel 15 HRC	Steel 40 HRC
123036	<b>13</b>	<b>10</b>
123038	<b>13</b>	<b>10</b>

Code	L mm	L "	€	
<b>123036</b>	600	24	<b>68,25</b>	1
<b>123038</b>	900	36	<b>112,91</b>	1
<b>123037</b>	for 123036/123038		<b>27,85</b>	1

### SPARE BLADES



**Wire cutter**

CR-V  
STEEL

**High leverage**



CUTTING TABLE	
Code	Wire Ø mm
108052	13,5

**40% LESS EFFORT**



Not suitable for cutting steel wire or copper twisted cable

- Induction-hardened cutting edges
- Special edge shape. Japanese model.
- Mechanical stop
- Bimaterial and ergonomic handgrips

Code	L mm	L "	€	
<b>108052</b>	240	10	<b>45,00</b>	1

**Automatic cable shears**

CR-V  
STEEL



CUTTING TABLE	
Code	Wire Ø mm
108046	9,5
108048	13,5



Not suitable for cutting steel wire or copper twisted cable

- Hardened body 40÷48 HRC. Induction-hardened cutting edges 58÷63 HRC.
- Special edge shape. Clean cut without deformation or flattening of the cable

Code	L mm	L "	€	
<b>108046</b>	170	7	<b>44,99</b>	2
<b>108048</b>	230	9	<b>53,21</b>	2

**Two-hand cable shears for copper and aluminium**

CR-V  
STEEL



CUTTING TABLE	
Wire	Ø mm
Copper	18
Alum	26



Not suitable for cutting steel wire or copper twisted cable

- Cable shears for copper and aluminium cable
- With mechanical stop
- Tubular ergonomic handles with ergonomic handgrips

Code	L mm	L "	€	
<b>108055</b>	600	24	<b>159,17</b>	1
SPARE BLADE				
<b>108060</b>	for 108055		<b>142,00</b>	1

**Ratchet Cable Cutters**

CR-V  
STEEL

CUTTING TABLE	
Normal Cable	Ø mm
400 mm <sup>2</sup>	52

**MCM 750**

CUTTING TABLE	
High voltage cable	Ø mm
3KV CV 150x3C	46
6KV CV 100x3C	52



**FOR COPPER AND ALUMINUM CABLE CUTTING**

**New**

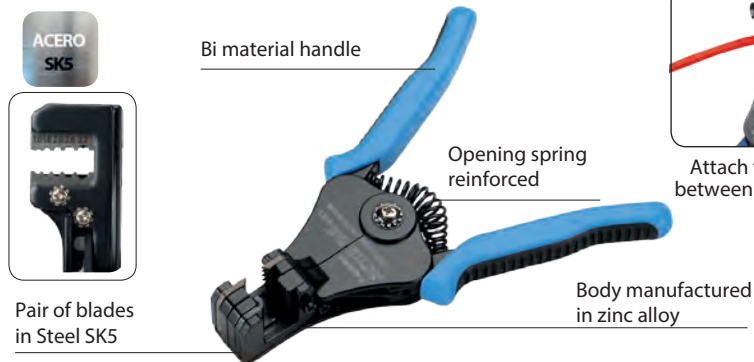


Not suitable for cutting steel wire or copper twisted cable

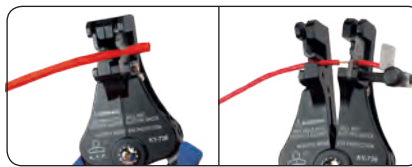
- Induction hardened cutting edge
- Clean cut without deformation and crushing
- Comfortable one-handed operation due to the ratchet effect
- With mechanical stop
- Bimaterial ergonomic handles

Code	L mm	L "	€	
<b>108057</b>	280	11	<b>248,00</b>	1

## Precision wire Stripper



### STRIPPING MOVEMENT



Attach the cable between the blades

With length stop for repetitive work

Wire Stripper	Min	Max
Ø mm	0,5	3,2
Section mm <sup>2</sup>	0,2	8
AWG	24	8

Code	L mm	L "	€	
<b>108392</b>	170	7	<b>31,40</b>	1

Display with blister

## Automatic wire stripper



Wire Stripper	Min	Max
Ø mm	0,5	2,6
Section mm <sup>2</sup>	0,2	6
AWG	24	10



Stripping length adjustable between 8 and 20 mm.



Stripping accuracy 0.2 to 6 mm<sup>2</sup>

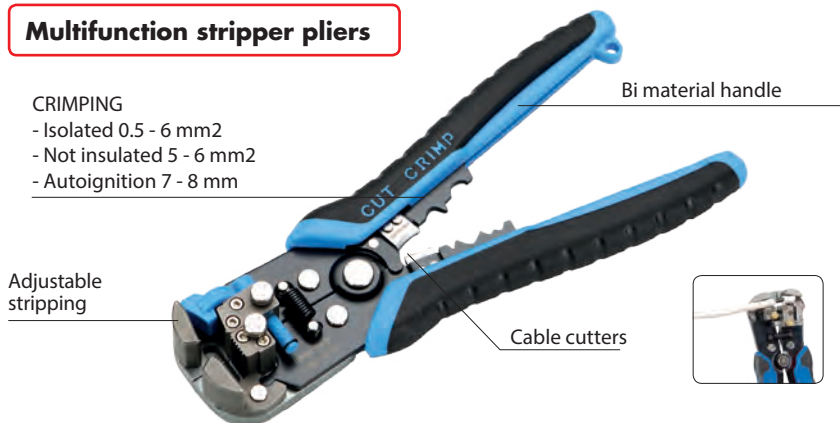


Stripper for max Ø 2 mm

Code	L mm	L "	€	
<b>108390</b>	180	7	<b>25,89</b>	1

Display with blister

## Multifunction stripper pliers



### CRIMPING

- Isolated 0.5 - 6 mm<sup>2</sup>
- Not insulated 5 - 6 mm<sup>2</sup>
- Autoignition 7 - 8 mm



Precision screw for very thin cable stripping

Wire Stripper	Min	Max
Ø mm	0,2	3,6
Section mm <sup>2</sup>	0,05	10
AWG	30	14

Code	L mm	L "	€	
<b>108370</b>	210	8	<b>26,00</b>	1

Display with blister

## Cable sheath stripper



- Outside pusher for the blade
- Screw for adjusting the thickness of the cutting

Code	L mm	Ø Stripping	€	
<b>108080</b>	190	8-28	<b>19,00</b>	1
<b>SPARE BLADE</b>				
<b>108081</b>	for 108080		<b>5,12</b>	1

Display with blister

- Positioning lever for the blade
- Adjustment of the thickness of the cutting

Code	L mm	Ø Stripping	€	
<b>108085</b>	140	8-28	<b>22,72</b>	1
<b>SPARE BLADE</b>				
<b>108086</b>	for code 108085		<b>6,30</b>	1

Display with blister

**Crimper for electronics connectors**

WITH RATCHET FUNCTION



For terminals:  
**RJ11 6P4C**  
**RJ12 6P6C**  
**RJ45 8P8C**

**4 DIFFERENT USES**



Flat cable stripper



Round cable stripper



Telephone cable cutter



Terminal crimping

- Ratchet function
- Heat treated metal body
- Bimaterial Handles

Code	L mm	€	
<b>108375</b>	200	<b>69,00</b>	1

Display with blister

**Crimper for network connectors**

PVC coated ergonomic handle

Crimper



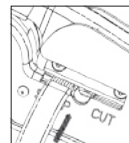
Anti-slip and ergonomic rubber base



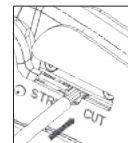
For terminals:  
**RJ11 6P4C**  
**RJ12 6P6C**  
**RJ45 8P8C**

**FUNCTIONS**

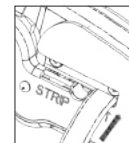
- Wire stripper
- Crimper
- Cutters



Flat cable



Round cable



Cutters

Code	L mm	€	
<b>108377</b>	140	<b>48,00</b>	1

Display with blister

**Optical fiber cable stripper**

Bi material handle

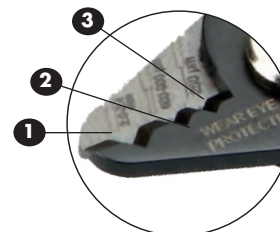


**OPTICAL FIBER**

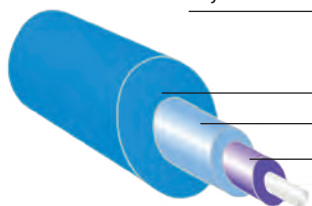


Adjustable safety stop

Automatic opening spring



Double notch in V. Each notch is used for each coating of the cable



- 1 Outer coating 2-3 mm
- 2 Inner insulation 600-900 µm
- 3 Acrylic cover 125-250 µm
- 4 Fiber optic core

Code	L mm	€	
<b>108075</b>	150	<b>22,54</b>	1

Display with blister



## Ratchet crimping pliers for insulated terminals



**FOR INSULATED TERMINALS  
0,5 - 6 mm<sup>2</sup>**



108356 head included

- Heat treated interchangeable heads
- Crimping strength adjusting mechanism
- Ratchet mechanism
- Releasing lever. Can not open tool until the setting is finished if this lever is not actuated

Code	L mm	€	
<b>108355</b>	250	<b>75,00</b>	1

Display with blister

## Ratchet crimping pliers for non-insulated terminals



**FOR NON-INSULATED TERMINALS  
0,5 - 6 mm<sup>2</sup>**



108361 head included

• Same features as 108355

Code	L mm	€	
<b>108360</b>	250	<b>63,00</b>	1

Display with blister

## Interchangeable heads for crimping pliers

Insulated terminals 0.5-6 mm <sup>2</sup>	Non-insulated terminals 0.5-6 mm <sup>2</sup>	Tubular terminals 0.5-6 mm <sup>2</sup>	Tubular terminals 6-16 mm <sup>2</sup>	Barrel open terminals 0.5-6 mm <sup>2</sup>	Coaxial connectors terminals BNC/TNC	Coaxial terminals CATV RG-59/RG-6
108356	108361	108368	108369	108364	108366	108367

Code	€	
<b>108356</b>	<b>24,88</b>	1
<b>108361</b>	<b>24,88</b>	1
<b>108364</b>	<b>24,88</b>	1
<b>108366</b>	<b>24,88</b>	1
<b>108367</b>	<b>24,88</b>	1
<b>108368</b>	<b>24,88</b>	1
<b>108369</b>	<b>24,88</b>	1

- Easy attachment to the pliers using two screws
- Valid for crimpers 108355 and 108360

## Crimper Kit



Box dimensions: 290 x 230 x 55 mm



### CONTENTS

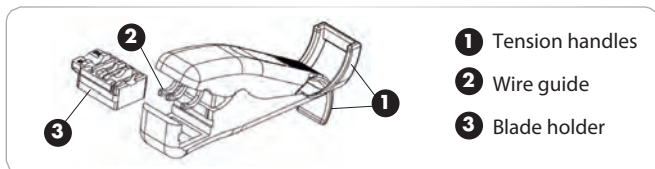
- 1 Crimper 108355
- 7 interchangeable heads  
108356 (assembled), 108361, 108364,  
108366, 108367, 108368, 108369
- 1 Hex key
- 2 Replacement screws

Code	No. of Items	€	
<b>108352</b>	11	<b>143,92</b>	1

## Coaxial wire stripper



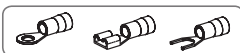
Blade holder with preset blades



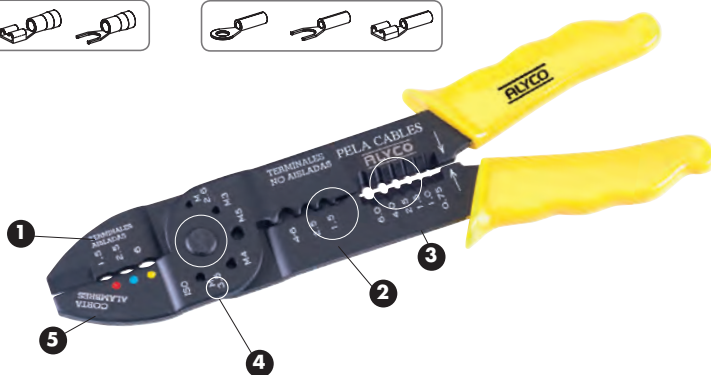
- 1 Tension handles
- 2 Wire guide
- 3 Blade holder

## Crimping pliers for insulated and non-insulated terminals

FOR INSULATED TERMINALS



FOR NON-INSULATED TERMINALS



Special design so to strip in one time (RG6 - RG59)

### USING GUIDE

1. Press both handles and insert wire
2. Keep wire pressed with one hand on the blades and with the other turn round the stripper three times

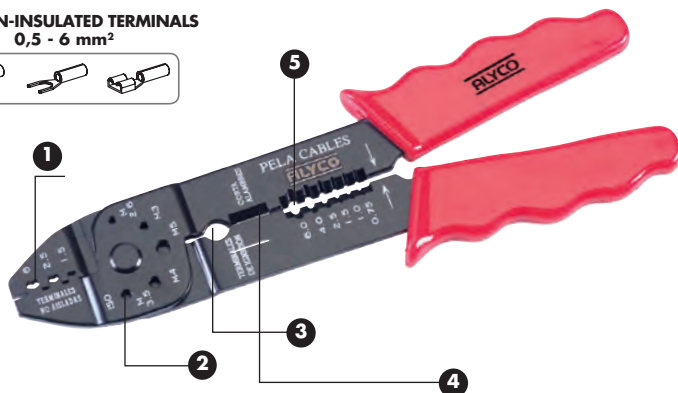
- Stripping length preadjustable
- Body made of high quality nylon

Code	L mm	€	
108380	150	17,49	1

Display with blister

## Crimping pliers for non-insulated terminals

FOR NON-INSULATED TERMINALS  
0,5 - 6 mm<sup>2</sup>



- 1 Insulated terminal crimper (0.5-6 mm<sup>2</sup>)
- 2 Non-insulated terminal crimper (0.5-6 mm<sup>2</sup>)
- 3 Wire stripper (0.5-6 mm<sup>2</sup>)
- 4 Shears without any burr of M2.5 to M5 bolts
- 5 Wire cutter

Code	L mm	€	
108002	250	12,00	4

Display with blister

- 1 Terminal crimper (0.75-6 mm<sup>2</sup>)
- 2 Shear bolts from M2.5 to M5
- 3 Crimping ignition terminals
- 4 Wire cutter
- 5 Wire stripper (0.75-6 mm<sup>2</sup>)

Code	L mm	€	
108003	250	8,50	4

Display with blister

## Crimping pliers set



Box dimensions: 375 x 275 x 55 mm



### SET COMPOSITION



crimper scissors tester terminals

### INSULATED TERMINALS



Code	No. of Items	€	
108006	147	50,82	1

## Stripping electrician's scissors

STAINLESS  
STEEL



Stripping notch

TPR handle  
(thermoplastic rubber)

Metallic structure  
all over the handle

Setter

1.5-2.5 mm<sup>2</sup> wire stripper

Tempered cutting edges  
and microdentate

### CUTTING TABLE

Wire Ø mm	Section mm <sup>2</sup>
15	70



**New**



These scissors are not insulated. Must not be used on energized electrical circuits.

**Ergonomic handgrips allowing more cutting capacity with the minimum effort**

40 MM LONG EDGE

Code	L mm	L "	€	
<b>108220</b>	160	6 1/2	<b>16,90</b>	12

Display with blister

## Electrician's scissors with sheath



Scissors fixing hole

**New**

### CONTENTS

- 1 Scissors 108220
- 1 Stripper knife 108030
- 1 Plastic sheath

Code	€	
<b>108225</b>	<b>17,90</b>	12

Display with blister

## Reinforced Electrician Kit



**New**

### CONTENTS

- 1 Scissors 108220
- 1 Stripper knife 108030
- 1 Leather sheath

- Reinforced nylon pouch
- With slotted strip at the top to attach to belt

Code	€	
<b>108235</b>	<b>29,10</b>	6

Display with blister



**Multi-purpose electrician's scissors**

STAINLESS  
STEEL



50 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

- Micro indented cutting edges (non-slip)
- Bimaterial handgrips: Robust nylon and soft rubber
- Wire stripper

Code	L mm	L "	€	
<b>108015</b>	145	5,5	<b>10,11</b>	12
DISPLAYER				
<b>108040</b>	24 scissors		<b>242,58</b>	1

**Electrician's scissors with sheath**



Scissors fixing hole

Code	Type	€	
<b>108215</b>	Scissors + sheath	<b>12,81</b>	12
<b>108210</b>	Sheath	<b>3,39</b>	12

Display with blister

**Electrician's kit with pouch**



**CONTENTS**

- 1 Scissors 108015
- 1 Stripper knife 108030
- 1 Leather sheath

- Reinforced leather pouch with rivets at seams
- With slotted strip at the top to attach to belt

Code	€	
<b>108020</b>	<b>19,59</b>	6

Display with blister

**Insulated electrician's scissors**

EN  
60900

45 MM LONG EDGE

STAINLESS  
STEEL



**EN 60900 STANDARD**

Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.

VDE certificate



1000 V

- Insulated bimaterial handgrips
- Induction-hardened cutting edges HRC 51 ÷ 53
- Wire stripper notch

Code	L mm	€	
<b>108315</b>	165	<b>22,00</b>	6

Display with blister

## Reinforced electrician's scissors

STAINLESS STEEL

60 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

- Long cutting edges. Serrated blades with notch for stripping cables.
- Automatic opening spring for easier handling

Code	L mm	€	
108035	210	16,16	6

Display with blister

## Reinforced offset scissors

100 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

- Hardened and serrated blades
- Spring for automatic opening for easier handling

Code	L mm	€	
108125	250	17,13	6

Display with blister

## Multi-purpose stainless scissors

STAINLESS STEEL



Code	L mm	€	
108330	150	13,03	6
108335	200	15,98	6
108340	250	20,78	6

Display with blister

## Stainless household scissors

STAINLESS STEEL

50 MM LONG EDGE



- Microdented edges
- Big notch for tightening
- Housing for breaking
- Bottle opener

Code	L mm	€	
108350	220	20,96	6

Display in sheath

## Stripping knife

STAINLESS STEEL

### CUTTING TABLE

Wire Ø mm	Section mm <sup>2</sup>
30	120



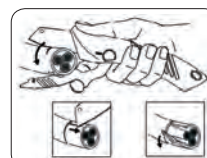
50 MM LONG EDGE



Assembly Instructions

New

### HOW TO USE



Plastic blade guard to prevent accidental cuts, support the cable when cut and use as wire stripper

Code	L mm	€	
108230	200	9,95	12

Display with blister

**Electrician's folding knife**


STAINLESS  
STEEL

65 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

- Blade 2.5 mm. thick
- Even and serrated cutting edge
- Double notch for stripping cables
- Bimaterial ergonomic handgrips

Code	L open mm	L close mm	€	
<b>108032</b>	210	120	<b>12,47</b>	12
<b>DISPENSER</b>				
<b>108034</b>	24 units		<b>299,27</b>	1

Display with blister

**Knife in nylon pouch**

STAINLESS  
STEEL

85 MM LONG EDGE



Metallic clip



Nylon pouch

- Aluminium body with metallic inner protection
- Hand contact area covered with wood. Ergonomic shape.
- Metallic clip in the back part
- Blade open position blocking system.
- In individual nylon pouch.

Code	open mm	L mm closed	€	
<b>101270</b>	205	120	<b>13,90</b>	6

Display with blister

**Aluminum handle knife**


STAINLESS  
STEEL

85 MM LONG EDGE



Metallic clip

- Stainless steel blade
- Aluminium and anti-slip plastic handle
- Blockage system of blade in open position

Code	open mm	L mm closed	€	
<b>101272</b>	190	115	<b>11,80</b>	6

Display with blister



## Electrician's knife double blade

STAINLESS  
STEEL

60 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

Code	L open mm	L close mm	€	
<b>101276</b>	210	110	<b>10,70</b>	6

Display with blister

## Electrician's knife with wooden handle

STAINLESS  
STEEL

60 MM LONG EDGE



These scissors are not insulated. Must not be used on energized electrical circuits.

Code	L open mm	L close mm	€	
<b>101274</b>	210	110	<b>8,47</b>	6

Display with blister

## Electrician's knife

STAINLESS  
STEEL

LONG EDGE 45 MM



These knives are not insulated. Must not be used on energized electrical circuits.

- Blade 2.5 mm. thick
- Cutting edge hardened to 57 - 60 HRC
- Handle made of reinforced nylon.
- With plastic protector

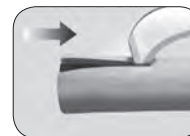
Code	L mm	€	
<b>108030</b>	155	<b>6,44</b>	12

## Electrician's stripping insulated knife

EN 60900

LONG EDGE 40 MM

CR-V  
STEEL



VDE certificate



- Bimaterial handgrip covered with insulating material
- Double cutting edge, curved and straight
- The nail does not damage the driver

Code	L mm	mm	€	
<b>108095</b>	200	40	<b>19,00</b>	6

Display with blister

## Electrician's insulated knife

EN  
60900

LONG EDGE 50 MM

CR-V  
STEEL



VDE certificate



- Bimaterial handgrip covered with insulating material

Code	L mm	mm	€	
<b>108090</b>	200	50	<b>14,00</b>	6

Display with blister

**Compound action aviation shears**

CR-V  
STEEL



CUTTING TABLE	
Sheet	Thick mm
Copper	1,5
Rolled steel	1,2
Steel HRC30	1



- Forged jaws
- Self-opening action spring
- Serrated, non-slip and hardened cutting edges
- Compound system to multiply cutting force
- Safety latch
- Bimaterial and ergonomic handgrips

Code	L mm	L "	€	
<b>108100</b>	250	10	<b>16,31</b>	6

Display with blister

**Long nose aviation shears**

CR-V  
STEEL



Code	L mm	L "	€	
<b>108105</b>	300	12	<b>17,30</b>	6

Display with blister

**Left cutting aviation shears**

CR-V  
STEEL

REINFORCED



Code	L mm	L "	€	
<b>108110</b>	250	10	<b>18,61</b>	6

Display with blister

**Right cutting aviation shears**

CR-V  
STEEL

REINFORCED



Code	L mm	L "	€	
<b>108120</b>	250	10	<b>18,61</b>	6

Display with blister

**Tinmans snips**



- Steel-forged jaws
- With mechanical stop
- Painted finish. Polished jaws.

Code	L mm	L "	€	
<b>108300</b>	250	10	<b>16,93</b>	6
<b>108302</b>	300	12	<b>23,47</b>	6

Display with blister



## 04 Spanners and Wrenches



**Double open end spanner** 81



**Combination spanner** 83



**Offset ring spanner** 85



**Flat ring spanner** 87



**Ratchet insulated wrench** 88



**Open slogging wrench** 90



**Ring slogging wrench** 91



**Offset ratchet ring wrench** 92



**Ratchet combination wrench** 93



**Combination wrench with ratchet** 94



**Tubular wrench** 96



**Angled socket wrench** 98



**Cross rim spanner** 99



**Adjustable wrench** 100



**Hook wrench** 104



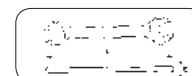
**Torque wrench** 105



**Double open end spanner**

DIN  
3110

CR-V  
STEEL



- Satin finish and polished
- Bevelled ends for a better nut fitting
- 30° offset to reach confined places

Code	mm	L mm	E mm	€	
191004	4x5	105	3,2	2,75	10
191005	6x7	122	3,2	2,85	10
191010	8x9	140	3,5	2,96	10
191015	10x11	156	4,5	3,10	10
191012	10x13	172	5,1	3,67	10
191020	12x13	172	5	3,81	10
191028	13x17	188	5,6	4,72	10
191025	14x15	188	5,5	4,05	10
191030	16x17	204	6	4,79	10
191033	17x19	220	6,5	5,19	10
191035	18x19	220	6,5	5,24	10
191038	19x22	234	7,2	6,14	5
191040	20x22	234	7,5	6,44	5
191045	21x23	247	7,5	6,65	5
191047	22x24	247	7,5	6,81	5
191050	24x26	266	8,5	7,81	5
191055	24x27	266	8,5	8,00	5
191060	25x28	285	8,5	8,89	5
191065	27x29	300	9,5	10,29	5
191070	30x32	302	9,5	12,07	5
191072	32x36	320	10	19,92	5
191073	34x36	320	10	20,91	5
191075	36x41	380	12,2	23,30	4
191076	41x46	415	14,7	34,53	2
191077	46x50	465	15,7	43,15	2



Code	"	L mm	E mm	€	
190002	1/4"x5/16"	122	3,3	2,85	1
190004	5/16"x3/8"	140	3,6	2,96	1
190006	3/8"x7/16"	156	4,6	3,10	1
190008	7/16"x1/2"	172	5,1	3,81	1
190010	1/2"x9/16"	180	5,1	4,05	1
190012	9/16"x5/8"	188	5,6	4,27	1
190014	5/8"x11/16"	204	6,1	4,79	1
190016	11/16"x3/4"	220	6,5	5,24	1
190018	3/4"x7/8"	234	7,2	5,57	1
190020	13/16"x7/8"	247	7,5	6,66	1
190022	15/16"x1"	266	8,2	7,81	1
190024	1"x1-1/8"	285	8,4	8,89	1
190026	1-1/8"x1-5/16"	302	9,1	11,07	1
190028	1-1/16"x1-1/4"	302	9,1	12,07	1
190030	1-7/16"x1-5/8"	380	12,2	23,27	1

**Double open end spanner set in plastic holder**



**CONTENTS**

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
191091	8	33,01	2

## Double open end spanner set in carton box



### CONTENTS

**191082:** 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm  
**191080:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
<b>191082</b>	6	<b>23,95</b>	2
<b>191080</b>	8	<b>32,94</b>	2

## Double open end spanner set in nylon pouch



### CONTENTS

**191081:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm  
**190040:** 1/4"x5/16" • 5/16"x3/8" • 3/8"x7/16" • 1/2"x9/16" • 9/16"x5/8" • 5/8"x11/16" • 11/16"x3/4" • 3/4"x7/8"

Code	No. of Items	€	
<b>191081</b>	8	<b>33,01</b>	2
<b>190040</b>	8	<b>34,05</b>	2



### CONTENTS

**191086:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm  
**190045:** 1/4"x5/16" • 5/16"x3/8" • 3/8"x7/16" • 1/2"x9/16" • 9/16"x5/8" • 5/8"x11/16" • 11/16"x3/4" • 3/4"x7/8" • 13/16"x7/8" • 15/16"x1" • 1"x1-1/8" • 1-1/16"x1-1/4"

Code	No. of Items	€	
<b>191086</b>	12	<b>69,01</b>	2
<b>190045</b>	12	<b>70,05</b>	2



## Double open end spanner set in plastic holder



Box dimensions: 255x185x48 mm

### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm

Code	No. of Items	€	
<b>191085</b>	12	<b>69,01</b>	2

### CONTENTS

8, 10, 11, 12, 13, 14, 17, 19 mm

Code	No. of Items	€	
<b>191096</b>	8	<b>32,90</b>	2

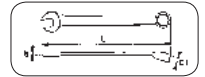
**Combination spanner**

DIN  
3113

CR-V  
STEEL



Rounded edges



• Polished head and Satin finish

Code	mm	L mm	E mm	E1 mm	€	
191203	6	110	3,6	5	3,75	10
191206	7	110	3,6	5,5	3,80	10
191209	8	120	4,1	6	3,85	10
191212	9	130	4,1	6,5	4,50	10
191215	10	140	4,6	7	4,55	10
191218	11	150	5	7	4,99	10
191221	12	160	5,1	7,5	5,26	10
191224	13	170	5,5	8	5,58	10
191227	14	180	5,8	8,5	5,76	5
191230	15	190	6	9	5,96	5
191233	16	200	6,2	9,5	6,38	5
191236	17	210	6,5	10	6,80	5
191239	18	220	6,7	10,5	7,19	5
191242	19	230	7,3	11	8,14	5
191245	20	240	7,5	11,5	8,28	5
191248	21	250	7,8	12	9,36	5
191251	22	260	8	12,5	9,50	5
191254	23	260	8	12,5	10,14	5
191257	24	280	8,5	13,5	10,58	5
191260	25	295	8,8	14	11,40	5
191263	26	295	8,8	14	13,89	5
191266	27	310	9	15	14,98	5
191269	28	340	9,5	16,5	15,94	5
191272	29	340	9,5	16,5	16,09	5
191275	30	340	9,5	16,5	16,33	5
191278	32	360	9,7	17,5	18,27	5
191279	34	380	11,5	18	20,58	2
191281	36	410	13	18,2	30,32	2
191282	41	460	15,5	20	37,66	2
191283	46	500	16,2	21	48,09	2
191284	50	540	17,2	22,6	55,85	2



Code	"	L mm	E mm	E1 mm	€	
190100	1/4"	100	3,7	4,5	3,75	1
190102	5/16"	120	4,1	5,5	3,85	1
190104	11/32"	130	4,1	6	4,50	1
190106	3/8"	140	4,6	6,5	4,55	1
190108	7/16"	150	4,7	6,5	4,99	1
190110	1/2"	170	5,5	7,5	5,58	1
190112	9/16"	180	5,6	8	5,76	1
190114	5/8"	200	5,8	9	6,38	1
190116	11/16"	210	6,3	9,5	7,19	1
190118	3/4"	230	7,1	10,4	8,14	1
190120	13/16"	250	7,5	11,4	9,36	1
190122	7/8"	260	8	11,9	9,50	1
190124	15/16"	280	8,2	12,9	10,58	1
190126	1"	295	8,7	13,4	11,40	1
190128	1-1/16"	310	8,9	14,4	14,98	1
190130	1-1/8"	340	10	15,9	15,95	1
190132	1-1/4"	360	10,8	16,9	18,27	1

**Combination spanners set in plastic holder**

**CONTENTS**

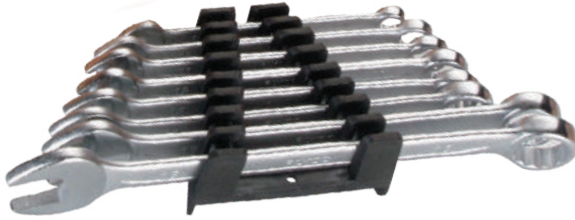
8, 10, 11, 12, 13, 14, 17, 19 mm

Code	No. of Items	€	
191291	8	48,12	2






## Combination spanner set in carton box



### CONTENS

8, 10, 11, 12, 13, 14, 17, 19 mm


Code	No. of Items	€	
<b>191280</b>	8	<b>47,90</b>	2

## Combination spanner set in nylon pouch



### CONTENTS


all sizes between 6 and 32 mm

Code	No. of Items	€	
<b>191286</b>	26	<b>235,29</b>	1



### CONTENTS

**190140:** 1/4" • 5/16" • 3/8" • 7/16" • 1/2" • 9/16" • 5/8" • 11/16"  
**190145:** 3/8" • 7/16" • 1/2" • 9/16" • 5/8" • 11/16" • 3/4" • 13/16" • 7/8" • 15/16" • 1" • 1-1/16"

Code	No. of Items	€	
<b>190140</b>	8	<b>49,90</b>	1
<b>190145</b>	12	<b>98,40</b>	1


## Combination spanner set in plastic holder



Box dimensions: 255x185x48 mm


### CONTENTS

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

Code	No. of Items	€	
<b>191285</b>	12	<b>71,35</b>	2

### CONTENTS

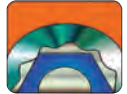
8, 10, 11, 12, 13, 14, 17, 19 mm

Code	No. of Items	€	
<b>191296</b>	8	<b>48,93</b>	2

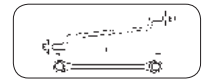
**Offset ring spanner**

**DIN**  
838

**CR-V**  
**STEEL**



Rounded edges



• Polished head and satin finish

Code	mm	L mm	E mm	E1 mm	€	
191105	6x7	170	5,5	6,2	5,41	10
191110	8x9	182	6,5	7,4	5,92	10
191115	10x11	197	8	8,5	6,32	10
191120	12x13	212	9	9,5	6,68	10
191128	13x17	245	9	11	7,25	10
191125	14x15	227	10	10,5	8,42	10
191130	16x17	245	11	11,5	8,62	10
191133	17x19	265	11,4	11,9	9,89	10
191135	18x19	265	12	12,5	9,96	10
191138	19x22	288	12,4	12,9	11,50	5
191140	20x22	287	13	13,5	11,50	5
191145	21x23	310	13	14	12,97	5
191148	22x24	310	13	14	13,32	5
191150	24x26	330	14,5	15	16,11	5
191155	24x27	330	14,5	15	16,11	5
191160	25x28	350	15	15,5	18,71	5
191165	27x29	360	16	16,5	19,86	5
191170	30x32	372	16	17	22,66	5
191172	32x36	415	16,5	17,8	35,27	2
191175	36x41	460	17,3	19,2	42,12	2
191177	46x50	526	20	22,5	68,54	2



Code	"	L mm	E mm	E1 mm	€	
190050	1/4"x5/16"	170	4,9	5,6	5,41	1
190052	5/16"x3/8"	190	6	7,4	5,92	1
190054	3/8"x7/16"	197	7,4	7,9	6,32	1
190056	7/16"x1/2"	213	8,4	8,9	6,68	1
190058	1/2"x9/16"	228	9,4	9,9	7,25	1
190060	9/16"x5/8"	246	10,4	10,9	8,10	1
190062	5/8"x11/16"	246	10,4	10,9	8,62	1
190064	11/16"x3/4"	265	11,4	11,9	9,96	1
190066	3/4"x7/8"	288	12,4	12,9	10,82	1
190068	13/16"x7/8"	288	12,4	12,9	11,49	1
190070	13/16"x15/16"	310	13,1	13,7	12,97	1
190072	15/16"x1"	330	13,7	14,3	16,11	1
190074	1"x1-1/8"	348	14,2	14,7	18,71	1
190076	1-1/16"x1-1/4"	372	15	16	19,86	1
190078	1-1/8"x1-1/4"	372	14,8	15,8	20,66	1

**Offset ring spanner set in carton box**



**CONTENTS**

**191182:** 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm  
**191180:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
191182	6	44,77	2
191180	8	61,69	2

## Offset ring spanner set in nylon pouch



### CONTENTS

**191185:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm

**190095:** 1/4"x5/16" • 5/16"x3/8" • 3/8"x7/16" • 7/16"x1/2" • 1/2"x9/16" • 9/16"x5/8" • 5/8"x11/16" • 3/4"x7/8" • 13/16"x7/8" • 15/16"x1" • 1-1/16"x1-1/4" • 1-1/8"x1-1/4"

Code	No. of Items	€	
<b>191185</b>	12	<b>132,24</b>	1
<b>190095</b>	12	<b>127,27</b>	1

### CONTENTS

**191181:** 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

**190090:** 1/4"x5/16" • 5/16"x3/8" • 3/8"x7/16" • 7/16"x1/2" • 1/2"x9/16" • 5/8"x11/16" • 3/4"x7/8" • 11/16"x3/4"

Code	No. of Items	€	
<b>191181</b>	8	<b>61,99</b>	1
<b>190090</b>	8	<b>61,02</b>	1

## Offset ring spanner set in plastic holder



### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
<b>191190</b>	8	<b>62,07</b>	2

## Offset ring spanner set in plastic box



Box dimensions: 255x185x48 mm



### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm

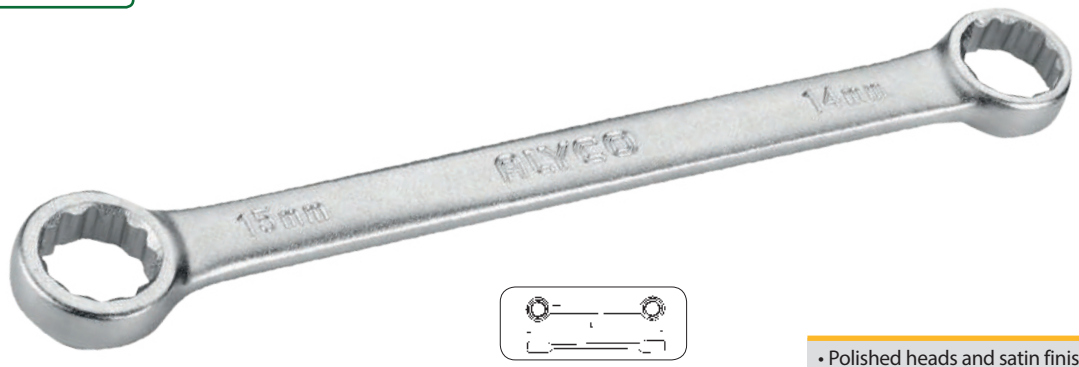
Code	No. of Items	€	
<b>191196</b>	7	<b>50,19</b>	2



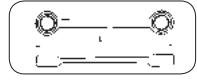
**Flat ring spanner**

**DIN**  
837

**CR-V**  
**STEEL**



Rounded edges



• Polished heads and satin finish

Code	Ø mm	L mm	€	
<b>191305</b>	6x7	120	<b>6,02</b>	10
<b>191310</b>	8x9	135	<b>6,66</b>	10
<b>191315</b>	10x11	155	<b>6,81</b>	10
<b>191320</b>	12x13	165	<b>7,39</b>	10
<b>191325</b>	14x15	180	<b>8,22</b>	10
<b>191330</b>	16x17	210	<b>9,28</b>	10
<b>191335</b>	18x19	225	<b>10,14</b>	10

Code	Ø mm	L mm	€	
<b>191340</b>	20x22	240	<b>12,03</b>	5
<b>191345</b>	21x23	255	<b>14,36</b>	5
<b>191350</b>	24x26	270	<b>15,78</b>	5
<b>191355</b>	25x28	280	<b>17,67</b>	5
<b>191357</b>	27x29	310	<b>19,13</b>	5
<b>191360</b>	30x32	330	<b>20,55</b>	5

**Flat ring spanners set in plastic holder**



**CONTENTS**  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
<b>191398</b>	8	<b>68,25</b>	2

**Flat ring spanners set in plastic case**



Box dimensions: 255x185x48 mm

**CONTENTS**  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

Code	No. of Items	€	
<b>191396</b>	8	<b>66,57</b>	2

**Flat ring spanners set in nylon pouch**



**CONTENTS**  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x26, 25x28, 30x32 mm

Code	No. of Items	€	
<b>191397</b>	12	<b>134,93</b>	1

## Insulated single open end wrench

EN 60900

CR-V STEEL



VDE certificate

### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.



Code	mm	L mm	€	
190157	7	88	12,89	1
190158	8	104	12,89	1
190159	9	104	14,15	1
190160	10	114	14,23	1
190161	11	124	14,84	1
190162	12	124	14,84	1
190163	13	154	16,33	1
190164	14	154	16,33	1

Code	mm	L mm	€	
<b>New</b> 190165	15	170	17,20	1
190166	16	170	17,90	1
190167	17	170	19,41	1
190168	18	180	19,98	1
190169	19	180	20,75	1
190171	21	202	24,06	1
190172	22	202	26,87	1
190174	24	237	29,93	1

## Insulated single open end wrench set in nylon pouch



**New**

### CONTENTS

8, 10, 13, 17, 19 mm

Code	No. of Items	€	
190180	5	83,61	1

## Insulated single open end wrench set in nylon pouch



**New**

### CONTENTS

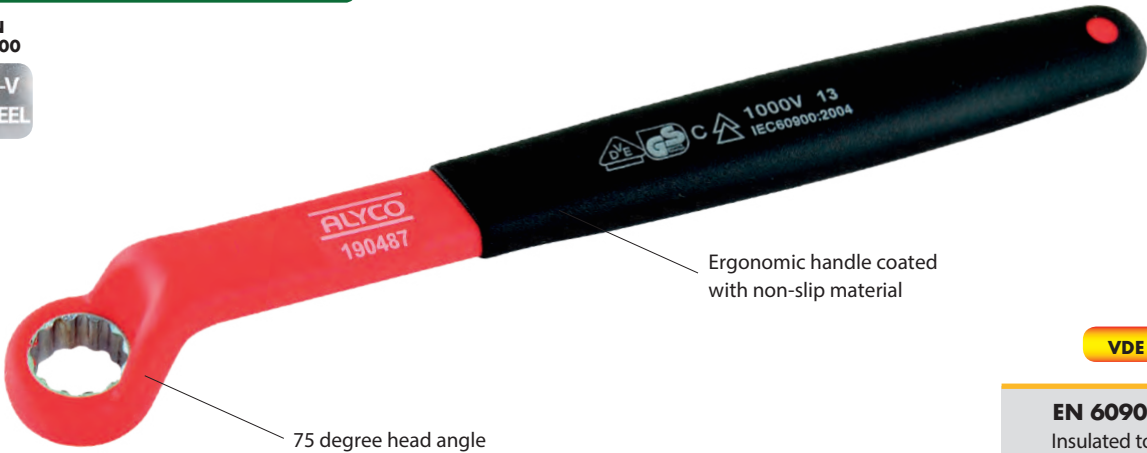
8, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm

Code	No. of Items	€	
190182	10	164,72	1

**Insulated offset ring wrench**

EN 60900  
CR-V STEEL

**New**



75 degree head angle

Ergonomic handle coated with non-slip material

**VDE certificate**

**EN 60900 STANDARD**  
Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.



Code	mm	L mm	€	
190657	7	149	18,92	1
190658	8	164	19,20	1
190659	9	164	19,20	1
190660	10	174	19,92	1
190661	11	184	20,76	1
190662	12	184	20,76	1
190663	13	205	22,64	1
190664	14	205	22,64	1

Code	mm	L mm	€	
190665	15	216	24,00	1
190666	16	221	25,20	1
190667	17	221	25,20	1
190668	18	237	29,08	1
190669	19	237	29,08	1
190671	21	257	31,96	1
190672	22	257	31,96	1
190674	24	284	38,40	1

**Insulated offset ring wrench set in nylon pouch**



**New**

**CONTENTS**  
8, 10, 13, 17, 19 mm

Code	No. of Items	€	
190675	5	116,04	1

**Insulated offset ring wrench set in nylon pouch**



**New**

**CONTENTS**  
8, 10, 11, 12, 13, 14, 15, 16, 17, 19 mm

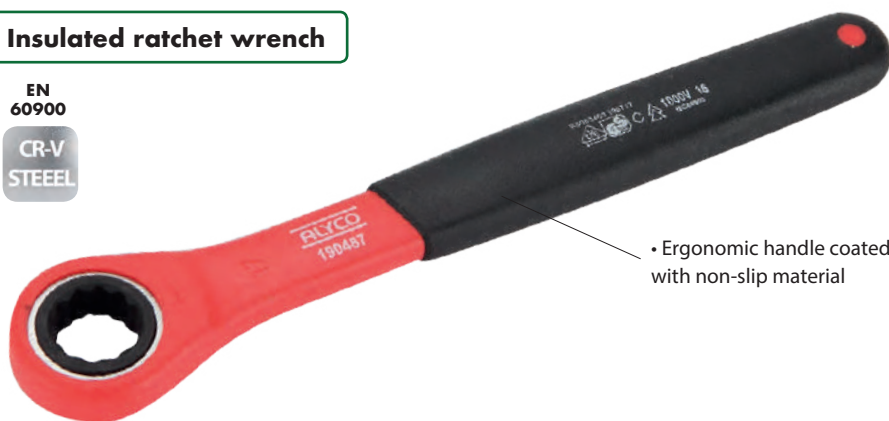
Code	No. of Items	€	
190676	10	229,40	1



## Insulated ratchet wrench

EN  
60900

CR-V  
STEEL



VDE certificate

### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.



Code	mm	L mm	€	
190477	7	151	26,10	1
190478	8	167	27,12	1
190479	9	167	27,12	1
190480	10	178	27,73	1
190481	11	189	28,83	1
190482	12	189	28,83	1
190483	13	210	30,62	1
190484	14	210	30,62	1

Code	mm	L mm	€	
190486	16	228	34,62	1
190487	17	228	34,62	1
190488	18	243	37,51	1
190489	19	243	37,51	1
190491	21	264	52,40	1
190492	22	264	52,40	1
190494	24	295	58,92	1

## Insulated ratchet wrench set in nylon pouch



New

### CONTENTS

8, 10, 13, 17, 19 mm

Code	No. of Items	€	
190495	5	157,60	1

## Black single open end spanner

DIN  
894



• Black finish

Code	mm	L mm	E mm	€	
190917	17	170	6	2,49	1
190919	19	170	6	3,20	1
190922	22	193	8	3,50	1
190924	24	213	9	4,05	1
190927	27	240	9,5	4,91	1
190930	30	253	11	5,66	1
190932	32	277	11,5	6,39	1
190934	34	290	12	7,15	1
190936	36	309	12,5	9,50	1
190941	41	346	14	13,19	1

Code	mm	L mm	E mm	€	
190946	46	380	15,5	16,00	1
190950	50	415	15,5	18,68	1
190955	55	456	16,5	32,50	1
190960	60	498	17,5	33,00	1
190965	65	520	18,5	38,00	1
190970	70	560	18,5	47,00	1
190975	75	630	20,5	51,32	1
190980	80	630	21,5	59,51	1
190985	85	680	22	72,45	1

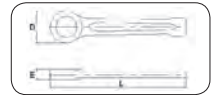
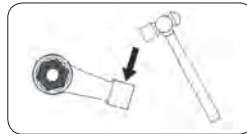
**Ring slogging wrench**

DIN  
7444



Rounded edges

How to use



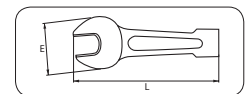
- 12-points box end with rounded corners
- Black finish

Code	mm	L mm	D mm	E mm	€	
191370	24	168	43,4	14,8	14,31	1
191371	27	180	46	16	15,83	1
191372	30	190	51,5	17	18,75	1
191373	32	190	54	17	20,16	1
191374	36	205	58,5	18,5	23,31	1
191375	38	228	64,6	20,1	28,85	1
191376	41	230	65	20	31,65	1
191377	46	240	73,5	22	34,54	1
191378	50	253	78,5	24	40,89	1
191379	55	266	85	25	51,06	1

Code	mm	L mm	D mm	E mm	€	
191381	60	280	92	26	59,79	1
191382	65	300	102	30	70,19	1
191383	70	330	110	33	91,65	1
191384	75	330	110	33	94,76	1
191385	80	340	118	34	124,78	1
191386	85	355	130	36	154,96	1
191387	90	390	142	39	175,74	1
191388	95	390	142	39	187,85	1
191389	100	420	155	43	278,67	1

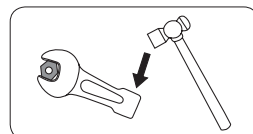
**Open ended slogging wrench**

DIN  
133



- Black finish

How to use



Code	mm	L mm	E mm	€	
190824	24	177	52,5	14,36	1
190827	27	180	56	15,86	1
190830	30	190	62	18,59	1
190832	32	190	62	20,20	1
190836	36	215	74	23,55	1
190838	38	215	74	28,72	1
190841	41	235	86	31,24	1
190846	46	255	96	34,61	1
190850	50	275	105	40,76	1
190855	55	300	115	50,88	1
190860	60	320	126	59,75	1
190865	65	343	138	69,53	1
190870	70	375	154	91,67	1
190875	75	375	154	94,66	1
190880	80	400	174	123,31	1
190885	85	400	174	155,49	1

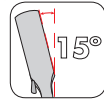
## Reversible offset ratchet ring wrench

CR-V  
STEEL

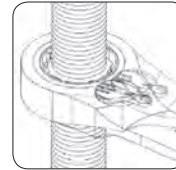
Both offset and reversible heads



Ratchet handle of 72 teeth  
5°  
72T



15° offset head



Ratcheting system that allows to work along thread bolts without removing the wrench

For adaptors see bottom of page

Code	mm	L mm	€	
<b>191600</b>	8x9	128	<b>17,87</b>	5
<b>191605</b>	10x11	150	<b>19,14</b>	5
<b>191610</b>	12x13	170	<b>20,33</b>	5
<b>191615</b>	14x15	190	<b>22,34</b>	5
<b>191620</b>	16x18	230	<b>25,56</b>	5
<b>191625</b>	17x19	230	<b>27,78</b>	5

## Reversible offset ratchet ring wrench set in plastic holder



**New**

### CONTENTS

8x9, 10x11, 12,x13, 14x15, 16x18, 17x19 mm.

Code	No. of Items	€	
<b>191627</b>	6	<b>135,28</b>	1

## Reversible offset ratchet ring wrench set in plastic case



Box dimensions: 255x185x48 mm

### CONTENTS

8x9, 10x11, 12x13, 14x15, 16x18, 17x19 mm  
3 adaptadores para vasos de 1/2" 191882, 1/4" 191880, 3/8" 191881

Code	No. of Items	€	
<b>191650</b>	9	<b>148,00</b>	1

## Adapters for sockets and insert bits



191882

191881

191880

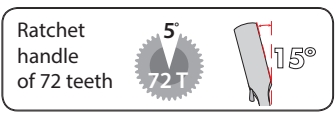
191885

Code	For sockets	With spanner	€	
<b>191880</b>	Sockets 1/4"	10	<b>4,98</b>	5
<b>191881</b>	Sockets 3/8"	13	<b>5,53</b>	5
<b>191882</b>	Sockets 1/2"	19	<b>6,46</b>	5
<b>191885</b>	Bits 1/4"	10	<b>1,88</b>	5



**Reversible offset ratchet combination wrench**

CR-V  
STEEL



For adaptors see page 82

- 15° offset head
- Ratchet handle of 72 teeth
- Satin finish. Polished heads

Code	mm	L mm	€	
191805	8	136	11,89	5
191810	9	143	11,95	5
191815	10	159	12,00	5
191820	11	168	12,34	5
191825	12	174	13,19	5
191830	13	180	14,50	5
191835	14	190	15,43	5

Code	mm	L mm	€	
191840	15	200	15,81	5
191845	16	216	16,72	5
191850	17	233	17,57	5
191855	18	239	18,88	5
191860	19	248	19,37	5
191862	21	284	22,08	5
191864	22	284	23,37	5

Code	mm	L mm	€	
New 191865	23	285	25,46	5
191866	24	324	26,17	5
New 191891	26	325	30,59	5
191868	27	359	36,74	5
New 191869	28	359	41,57	5
191870	30	425	44,88	5
191872	32	425	48,52	5

**Reversible offset ratchet combination wrench set in plastic case**



**New**

**CONTENTS**  
8, 10, 13, 17, 19 mm

Code	No. of Items	€	
191874	5	75,33	1

**Reversible offset ratchet combination wrench set in plastic holder**



Detail 191876

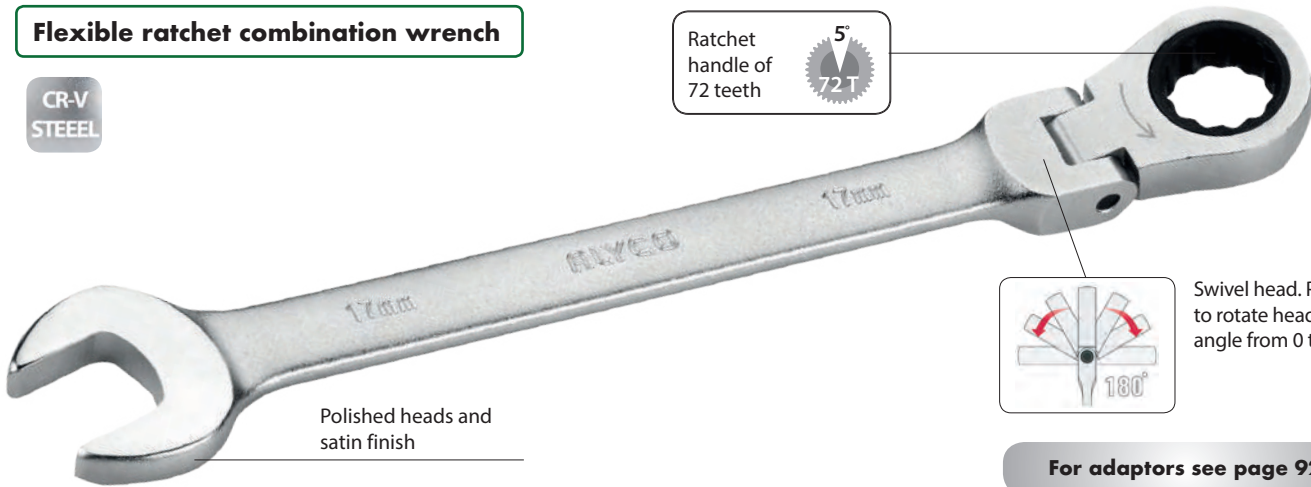
**CONTENTS**  
191876: 8, 10, 11, 12, 13, 14, 17, 19 mm  
191877: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

Code	No. of Items	€	
191876	8	116,29	1
New 191877	12	167,70	1

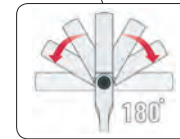
## Flexible ratchet combination wrench

CR-V  
STEEL

Ratchet handle of 72 teeth



Polished heads and satin finish



Swivel head. Possibility to rotate head to any angle from 0 to 180°

For adaptors see page 92

	Code	mm	L mm	€	
	191905	8	136	14,00	5
New	191907	9	143	14,50	5
	191910	10	159	15,44	5
	191915	11	168	15,86	5
	191920	12	174	16,50	5
	191925	13	180	17,00	5
New	191926	14	193	17,50	5
New	191927	15	200	18,00	5
New	191928	16	216	19,00	5

	Code	mm	L mm	€	
	191930	17	233	20,00	5
New	191932	18	239	21,00	5
	191935	19	248	24,90	5
New	191937	21	285	26,90	5
New	191939	22	285	26,90	5
New	191941	24	325	32,03	5
New	191943	27	359	45,71	5
New	191945	30	425	55,98	5
New	191947	32	425	55,98	5

## Flexible ratchet combination wrench set



### CONTENTS

8, 10, 13, 17, 19 mm

Code	No. of Items	€	
191950	5	91,34	1

## Flexible ratchet combination wrench set in plastic holder



191952



191951



Detail 191951

### CONTENTS

191951: 8, 10, 11, 12, 13, 14, 17, 19 mm

191952: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

Code	No. of Items	€	
191951	8	141,20	1
New 191952	12	199,20	1

**4-in-1 reversible ratchet wrench**

CR-V  
STEEL

Satin finish

Ratchet handle of 72 teeth  
5°  
72 T



Each head can be used for two different screw sizes

Code	Mouth1 mm	Mouth2 mm	L mm	€	
<b>191630</b>	8x10	12x13	160	<b>19,03</b>	2
<b>191632</b>	9x11	14x15	180	<b>22,27</b>	2
<b>191634</b>	16x17	18x19	225	<b>23,61</b>	2
<b>191636</b>	10x13	17x19	225	<b>23,61</b>	2

**4-in-1 ratchet wrench set in nylon pouch**



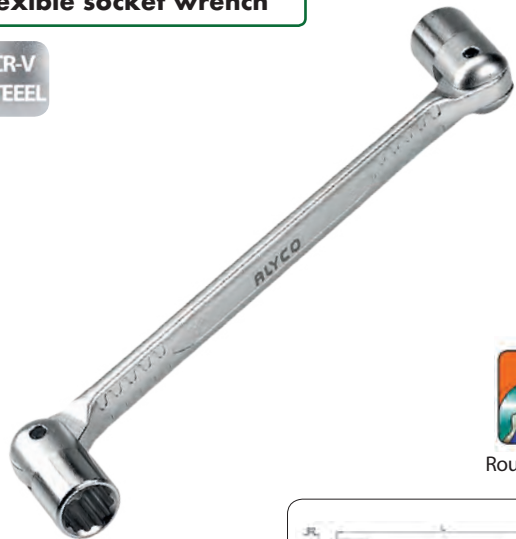
**CONTENTS**  
191630, 191632, 191634

Code	No. of Items	€	
<b>191640</b>	3	<b>65,53</b>	1

**Flexible socket wrench**

CR-V  
STEEL

- 12-point sockets
- Satin finish. Polished heads
- Socket can be tilted 180°



Rounded edges



Code	mm	L mm	D1 mm	D2 mm	€	
<b>191652</b>	6x7	182	9,5	11	<b>10,86</b>	2
<b>191654</b>	8x9	182	13	14	<b>10,86</b>	2
<b>191656</b>	10x11	198	15	16	<b>11,18</b>	2
<b>191658</b>	12x13	220	18	19	<b>13,29</b>	2
<b>191660</b>	14x15	240	20	22	<b>14,93</b>	2
<b>191662</b>	16x17	260	24	24	<b>17,09</b>	2
<b>191664</b>	18x19	275	26	26	<b>19,86</b>	2
<b>191666</b>	20x22	302	28	31	<b>25,04</b>	2
<b>191668</b>	21x23	307	29	33	<b>26,14</b>	2
<b>191670</b>	24x27	333	33	36,6	<b>28,94</b>	2
<b>191672</b>	30x32	349	39,7	41,7	<b>33,26</b>	2

**Flexible socket wrench set in nylon pouch**



**CONTENTS**  
6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm

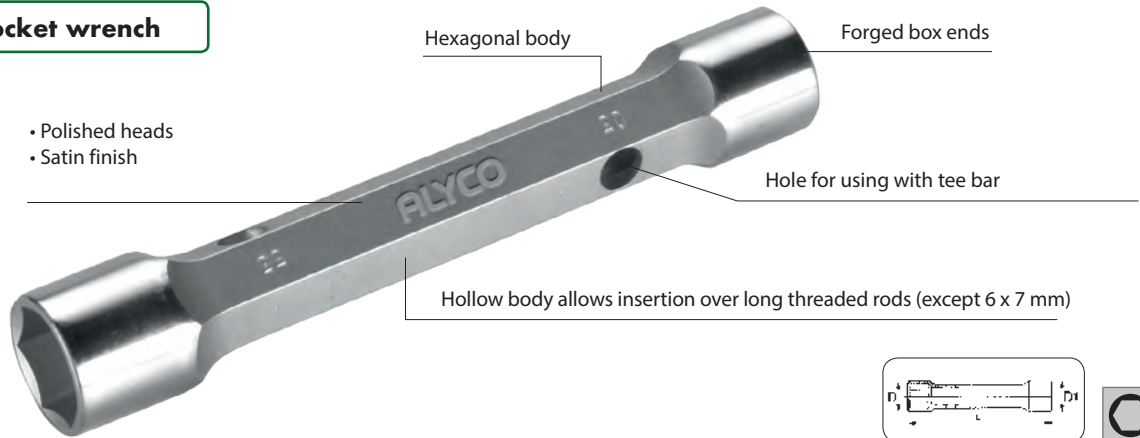
Code	No. of Items	€	
<b>191675</b>	8	<b>123,12</b>	1



## Tubular forged socket wrench

CR-V  
STEEL

- Polished heads
- Satin finish



Code	mm	L mm	D mm	D1 mm	€	
191405	6x7	105	10	11	8,85	10
191410	8x9	110	12,5	13,5	8,98	10
191415	10x11	120	15	16	9,47	10
191420	12x13	140	17,5	19	11,11	10
191425	14x15	145	20	21,5	12,35	10
191430	16x17	155	22,5	24	14,47	10
191435	18x19	165	25,5	26	17,34	10

Code	mm	L mm	D mm	D1 mm	€	
191440	20x22	175	28	30	19,79	5
191445	21x23	185	29	31	22,03	5
191450	24x26	195	32,5	36,5	23,57	5
191452	24x27	195	32,5	36,5	23,57	5
191455	25x28	205	34	37	26,44	5
191457	27x29	210	36	39	30,54	5
191460	30x32	210	40	42,5	34,70	5

Display with hanger

## Tubular forged socket wrench set in plastic holder



### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 + brooch

Code	No. of Items	€	
191485	8	84,87	1

## Tubular forged socket wrench set in plastic case



Box dimensions: 255x185x48 mm

### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 + brooch

Code	No. of Items	€	
191480	9	107,21	1

## Tubular forged socket wrench set in nylon pouch



### CONTENTS

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm + brooch

Code	No. of Items	€	
191470	9	107,04	1



### CONTENTS

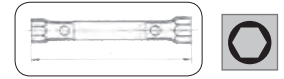
6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm + 2 pins

Code	No. of Items	€	
191475	14	220,87	1

**Tubular socket spanner**

**DIN**  
896

**CR-V**  
**STEEL**



- Tubular body and hexagonal shape of the head for using with spanners
- Satin finish
- Holes for using with tee bar

Code	mm	L mm	€	
<b>191505</b>	6x7	110	<b>2,89</b>	10
<b>191510</b>	8x9	110	<b>3,02</b>	10
<b>191515</b>	10x11	120	<b>3,48</b>	10
<b>191520</b>	12x13	140	<b>4,15</b>	10
<b>191525</b>	14x15	140	<b>4,46</b>	10
<b>191530</b>	16x17	150	<b>4,82</b>	10
<b>191535</b>	18x19	160	<b>6,08</b>	10
<b>191540</b>	20x22	170	<b>7,74</b>	5

Code	mm	L mm	€	
<b>191545</b>	21x23	170	<b>8,08</b>	5
<b>191550</b>	24x26	190	<b>10,89</b>	5
<b>191552</b>	24x27	190	<b>10,89</b>	5
<b>191555</b>	25x28	190	<b>11,80</b>	5
<b>191557</b>	27x29	195	<b>11,93</b>	5
<b>191560</b>	30x32	210	<b>12,14</b>	5
<b>191565</b>	36x41	210	<b>16,30</b>	5

**Display with hunger**

**Tubular forged socket wrench set in nylon pouch**



**CONTENTS**

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm + brooch

Code	No. of Items	€	
<b>191570</b>	9	<b>39,82</b>	1



**CONTENTS**

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 mm + 2 pins

Code	No. of Items	€	
<b>191575</b>	14	<b>82,03</b>	1

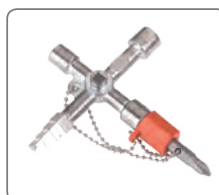
**Control cabin key**



- 5-6-8 mm
- 9 mm
- ⊕ Insert bit PH2
- △ 9 mm
- Adapt. 1/4"
- ⌚ Slotted 4,5 mm

Code	Measure mm	€	
<b>191990</b>	60	<b>13,90</b>	6

**Display with blister**



Both control cabinet keys include a plastic adapter for bits.



- 5-7-8 mm
- ◄ 4-10 mm
- ⊕ Insert bit PH2
- △ 10 mm
- Adapt. 1/4"
- ⌚ Slotted 4,5 mm

Code	Measure mm	€	
<b>191995</b>	70	<b>13,90</b>	6

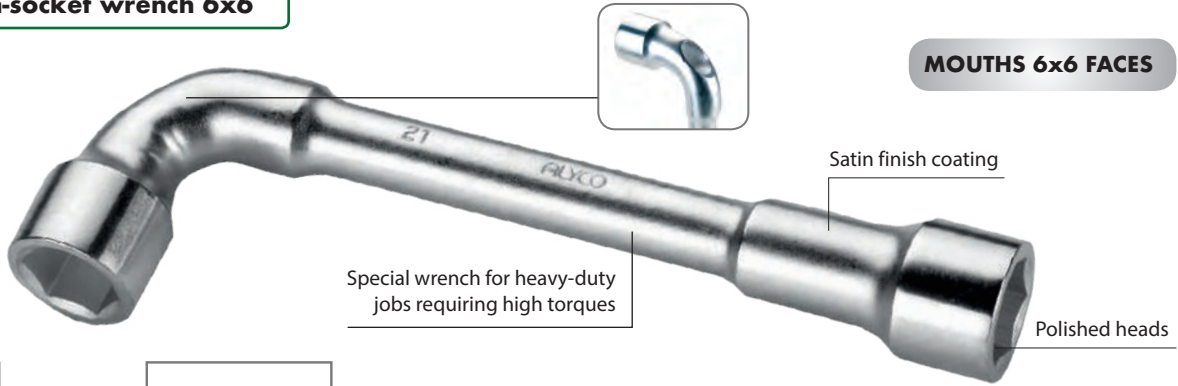
**Display with blister**

## Angled open-socket wrench 6x6

DIN  
691

CR-V  
STEEL

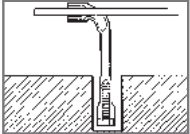
MOUTHS 6x6 FACES



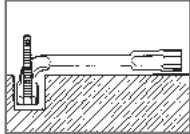
Special wrench for heavy-duty jobs requiring high torques

Satin finish coating

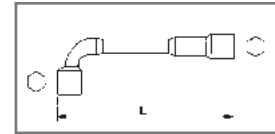
Polished heads



Allows use with nuts over threaded rods



Rods can be used for high torque tightening



Code	mm	L mm	€	
175001	6	105	7,62	5
175002	7	105	7,86	5
175003	8	115	8,69	5
175004	9	122	9,20	5
175005	10	130	9,73	5
175006	11	136	9,81	5
175007	12	145	10,48	5
175008	13	152	11,26	5
175009	14	160	11,99	5
175010	15	170	13,16	5
175011	16	178	14,38	5
175012	17	187	15,14	5
175013	18	195	16,11	5
175014	19	205	16,56	5

Code	mm	L mm	€	
175015	20	212	18,07	5
175016	21	225	20,16	5
175017	22	225	21,58	5
175018	23	240	23,28	5
175019	24	250	23,61	1
175020	25	270	24,38	1
175021	26	270	31,04	1
175022	27	280	31,78	1
175023	28	290	33,08	1
175024	29	300	36,24	1
175025	30	310	41,25	1
175026	32	330	42,62	1
175027	36	355	57,51	1

## Angled open-socket wrench set in plastic holder



### CONTENTS

10, 11, 12, 13, 17, 19 mm

Code	No. of Items	€	
175030	6	73,26	1

## Tyre lever

CR-V  
STEEL

For disassembling  
tyres



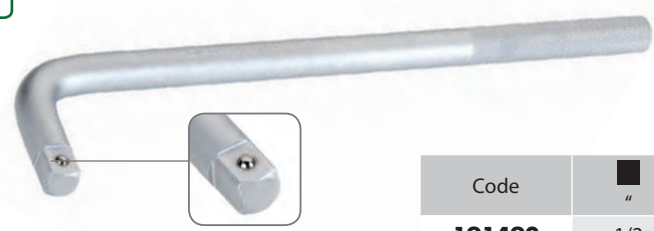
- Chrome finish
- Curved to easy disassembly

Code	L mm	A mm	€	
118050	215	16	4,50	1
118052	350	24	9,06	1
118054	500	28	16,50	1



**Offset handle**

CR-V  
STEEL

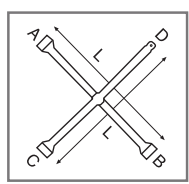


- Knurled handle
- Satin finish

Code	"	L mm	L "	Ø mm	€	
<b>191492</b>	1/2	300	12	14	<b>11,00</b>	1
<b>191494</b>	3/4	300	12	20	<b>19,56</b>	1
<b>191496</b>	3/4	450	18	20	<b>28,80</b>	1

**Cross rim spanner**

CR-V  
STEEL



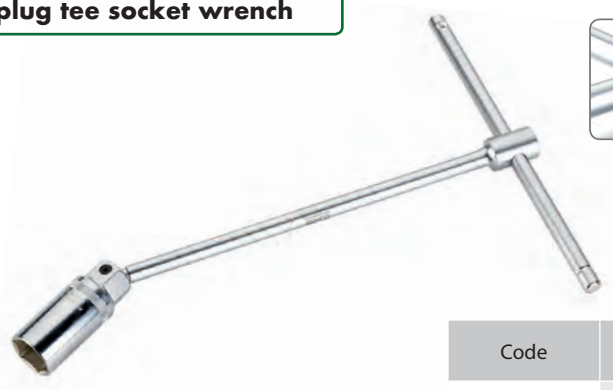
MOUTH SIZES				
Code	OA mm	OB mm	OC mm	D "
191498	17	19	22	1/2
191499	24	27	32	3/4

- Hardened at 45 ÷ 50 HRC
- Polished heads and satin finish
- Strap welded. Particularly suitable for heavy-duty jobs

Code	L mm	L "	€	
<b>191498</b>	375	15	<b>24,95</b>	1
<b>191499</b>	625	25	<b>73,87</b>	1

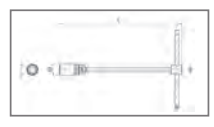
**Magnetic spark plug tee socket wrench**

CR-V  
STEEL



With 3/8" Dr. socket for use with ratchet handle

- Satin finish
- Magnetic 6-point socket
- Socket can be fixed at different angles



Code	Ø mm	L mm	S mm	D mm	€	
<b>191695</b>	16	300	200	22	<b>21,61</b>	1
<b>191697</b>	21	300	200	28	<b>22,44</b>	1

**Magnetic spark plug tee socket wrench**

DIN  
3112

CR-V  
STEEL

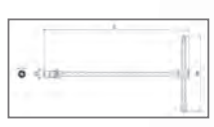


Universal joint



With 3/8" Dr. socket for use with ratchet handle

- 6 point socket
- Satin finish
- Socket can be fixed at different angles



Code	Ø mm	L mm	S mm	D mm	€	
<b>191682</b>	8	390	200	12,5	<b>19,86</b>	1
<b>191684</b>	10	500	200	15	<b>21,05</b>	1
<b>191686</b>	12	500	200	17,5	<b>21,05</b>	1
<b>191688</b>	13	500	200	18	<b>21,05</b>	1
<b>191690</b>	17	500	200	24	<b>22,06</b>	1
<b>191692</b>	19	500	200	26	<b>23,47</b>	1

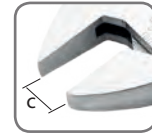
## Side opening adjustable wrench

DIN  
3117

CR-V  
STEEL



Slim jaw for optimum access to limited and confined spaces



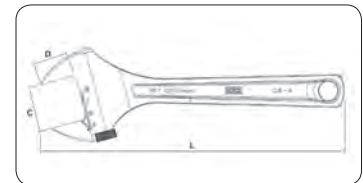
Wide jaw opening that exceeds DIN standard

Code	L mm	C mm	C (DIN) mm	D mm
172270	150	23,9	19	23
172271	200	28,6	24	26,5
172272	250	32,8	28	31
172273	300	38,1	34	39
172274	400	50	43	48
172275	500	62	52	65

Polished heads finish

Wide rounded handle

Both sides millimetered head for fast fittings



15°

15° angle wrench, aligns the wrench with the nut in a way that offers higher speed, precision and ergonomic handling



Side knurl opening system

Code	L mm	L "	€	⊞
<b>172270</b>	150	6	<b>21,43</b>	6
<b>172271</b>	200	8	<b>23,73</b>	6
<b>172272</b>	250	10	<b>29,33</b>	6
<b>172273</b>	300	12	<b>37,51</b>	6
<b>172274</b>	400	16	<b>60,80</b>	4
<b>172275</b>	500	20	<b>103,62</b>	2

Display with hanger

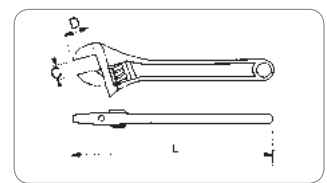
## Standard adjustable wrench

DIN  
3117

CR-V  
STEEL



Graduated head in millimetres for quick adjustments



- Jaw opening depth higher than DIN standard.
- Graduated head for presettings.
- Satin finish.

Code	L mm	L "	C mm	D mm	€	⊞
<b>172250</b>	150	6	20	18	<b>12,67</b>	6
<b>172251</b>	200	8	24	25	<b>14,69</b>	6
<b>172252</b>	250	10	29	29	<b>18,38</b>	6
<b>172253</b>	300	12	34	32	<b>23,70</b>	6
<b>172254</b>	380	15	43	44	<b>42,81</b>	2
<b>172255</b>	450	18	53	53	<b>64,66</b>	2
<b>172256</b>	600	24	70	62	<b>124,99</b>	1

Display with hanger

**New**

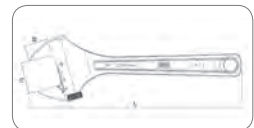
**Reversible adjustable wrench**

**DIN 3117**

**CR-V STEEL**



Opening of the mouth that exceeds 50% DIN standards



**REVERSIBLE MOUTH**

**USE WITH TUBE**

**USE WITH NUT**

Code	L mm	C mm	C (DIN) mm	D mm
172265	200	38	24	32

Code	L mm	L "	€	
<b>172265</b>	200	8	<b>24,80</b>	6

Display with blister

**Extra wide opening adjustable wrench**

**CR-V STEEL**



- 1 Extra thin head allows wrench to be used in limited and confined spaces. Torques easily exceeding DIN standards.
- 2 Deep throat, the height of jaw is higher than a general wrench in about 30%
- 3 Head angled at 15° for easier repositioning
- 4 Extra wide jaw opening. Over 55% wider than a standard wrench.

**COMPARISON OF JAW OPENING AND JAW DEPTH**

Code	C	C (DIN)	D	D (DIN)
172280	34	19	28,9	17,5
172281	38	24	32,4	22
172282	50	28	41	26
172283	60	34	55,7	29

Comparing to DIN values

Code	L mm	L "	€	
<b>172280</b>	150	6	<b>19,69</b>	6
<b>172281</b>	200	8	<b>22,60</b>	6
<b>172282</b>	250	10	<b>27,94</b>	5
<b>172283</b>	300	12	<b>35,00</b>	5

Display with blister



## Wide opening short adjustable wrench

CR-V  
STEEL

30% LIGHTER



Prevents rounding of nuts

Large opening, 50% greater than DIN

Bigger depth of mouths

### OPENING AND DEPTH OF BOCKS

Code	C	D
172286	32	30
172288	43	41

Code	L mm	L "	€	
<b>172286</b>	140	5,5	<b>18,80</b>	6
<b>172288</b>	160	6,3	<b>24,40</b>	6

Display with blister

## Ratchet adjustable wrench

DIN  
3117

CR-V  
STEEL



Ratchet function

### DOUBLE FUNCTION:

- Standard. Lever to the left
- Wrench. Lever to the right

### OPENING AND DEPTH OF BOCKS

Code	C	D
172277	29	26

Code	L mm	L "	€	
<b>172277</b>	200	8	<b>23,26</b>	3

Display with hanger

## Insulated adjustable wrench

DIN  
3117

CR-V  
STEEL



VDE certificate



- Handgrips covered with special insulating material
- Graduated head for presets
- Indelible marking

Code	L mm	L "	€	
<b>172295</b>	200	8	<b>38,05</b>	2
<b>172296</b>	250	10	<b>47,00</b>	2

**Hinged hook wrench**

CR-V  
STEEL

Each wrench valable for a range of diametres

- Forged hinged wrenches.
- Satin finish.



Code	Nº	Ø mm	L mm	€	
<b>145101</b>	0	15-35	168	<b>21,08</b>	6
<b>145102</b>	1	35-50	202	<b>22,95</b>	6
<b>145103</b>	2	50-80	280	<b>31,49</b>	6
<b>145104</b>	3	80-120	345	<b>40,81</b>	4
<b>145105</b>	4	120-180	492	<b>56,13</b>	2



**Hinged pin wrench**

CR-V  
STEEL

Each wrench valable for a range of diametres

- Forged hinged wrenches.
- Satin finish.



Code	Nº	Ø mm	L mm	D mm	€	
<b>145106</b>	0	15-35	168	3	<b>22,51</b>	6
<b>145107</b>	1	35-50	202	4	<b>24,88</b>	6
<b>145108</b>	2	50-80	280	5	<b>32,40</b>	6
<b>145109</b>	3	80-120	345	6	<b>43,49</b>	4
<b>145110</b>	4	120-180	492	8	<b>58,20</b>	2



**Spare pin for hinged pin wrenches**



Code	Nº	D mm	€	
<b>164021</b>	0	3	<b>2,70</b>	6
<b>164022</b>	1	4	<b>3,10</b>	6
<b>164023</b>	2	5	<b>3,84</b>	6
<b>164024</b>	3	6	<b>4,24</b>	6
<b>164025</b>	4	8	<b>5,21</b>	6

**Reversible offset ratchet ring spanner**



Code	Ø mm	L mm	€	
<b>191710</b>	7x8	108	<b>11,45</b>	3
<b>191720</b>	10x11	175	<b>14,45</b>	3
<b>191730</b>	12x13	175	<b>18,26</b>	3
<b>191740</b>	14x15	175	<b>18,98</b>	3
<b>191750</b>	16x18	203	<b>20,53</b>	3
<b>191760</b>	17x19	203	<b>21,11</b>	3

## Torque wrench with display

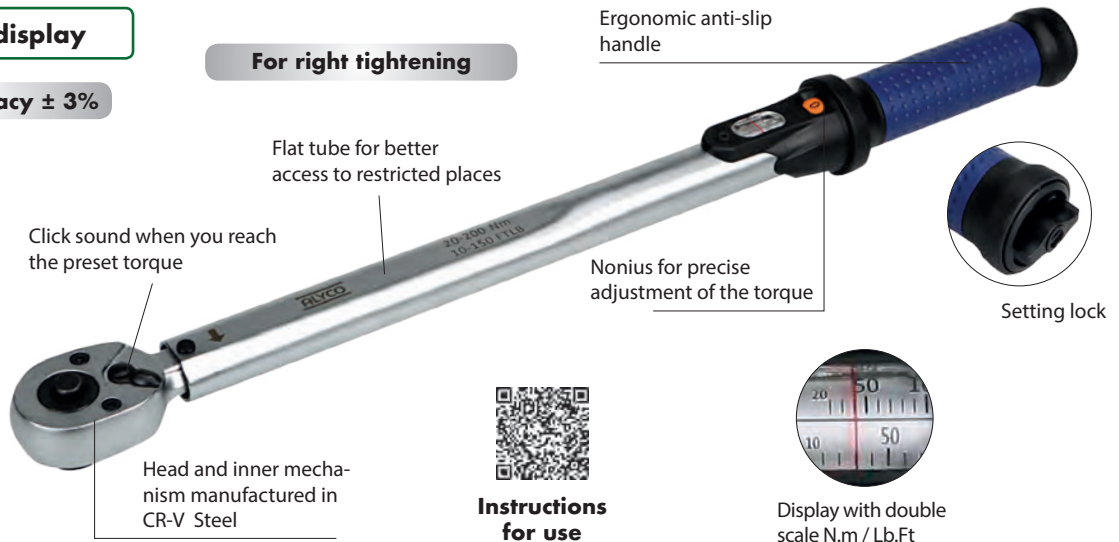
DIN 6789

Torque accuracy  $\pm 3\%$

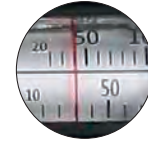
For right tightening



Individual calibration certificate



Instructions for use



Display with double scale N.m / Lb.Ft



Delivered in individual case

Code	"	Nm	Capacity Kg	Lb-ft	L mm	Graduation Nm	Rattle teeth
192920	1/4	2-25	0,2-2,5	1,5-18	300	0,1	24
192930	3/8	5-50	0,5-5	3,5-37	330	0,25	24
192898	1/2	10-100	1-10	8-75	400	0,5	32
192900	1/2	20-200	2-20	10-150	500	1,0	32
192910	1/2	60300	6-30	45-220	635	1,0	32
192940	3/4	80-400	8-40	66-290	610	2,0	24
192945	3/4	150-800	15-80	129-572	1250	2,0	24

Code	"	Capacity Nm	€	
192920	1/4	2-25	131,28	1
192930	3/8	5-50	147,75	1
192898	1/2	10-100	153,12	1
192900	1/2	20-200	163,32	1
192910	1/2	60-300	211,13	1
192940	3/4	80-400	350,10	1
192945	3/4	150-800	612,36	1

Spare parts available on page 105

### TORQUE ADJUSTMENT



## 1" Dynamometric Wrench

DIN 6789

Torque accuracy  $\pm 3\%$

New

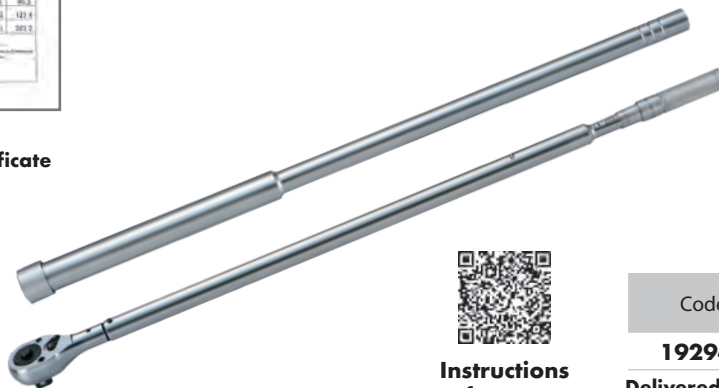


Individual calibration certificate

Ratched 24 teeth



Code	"	Nm	Capacity Kg	Lb-ft	L mm	Graduation Nm
192948	1	300-1500	30-150	258-1070	1850	10,0



Instructions for use

- Serial number and certificate of individual calibration
- Printed scale of N.m / Lb.Ft.
- Special design for quick adjustment and effortless tightening torque

Code	"	Capacity Nm	€	
192948	1	300-1500	1.352,00	1

Delivered in individual case



**Mini torque wrench**

**DIN 6789**

**Torque accuracy ± 3%**

Graduated scale N.m and Lb-F



**Individual calibration certificate**

Code	"	Rattle teeth	Capacity Nm	Kgm	L mm	Graduation Nm	€	
<b>192895</b>	1/4	64	1-6	0.1-0.6	210	0,05	<b>117,51</b>	1

**Slippery torque wrench**

**DIN 6789**

**Torque accuracy ± 4% in 194215/194220  
Torque accuracy ± 6% in 194200/194205**

**New**



**Individual calibration certificate**



Code	"	Capacity Nm	Kgm	Lb-ft	L mm	Graduation Nm	Rattle teeth
194200	1/4	1-5	0,1-0,5	0,7-3,7	260	0,05	36
194205	1/4	2-10	0,2-1	1,5-7,4	260	0,1	36
194215	1/4	5-25	0,5-2,5	3,5-18	320	0,1	36
194220	3/8	10-60	1-6	8-44	355	0,25	48

**SLIDE MECHANISM**

**IT'S NOT POSSIBLE PERFORM A OVER TIGHTEN**



**Instructions for use**

Code	"	Capacity Nm	€	
<b>194200</b>	1/4	1-5	<b>159,00</b>	1
<b>194205</b>	1/4	2-10	<b>168,00</b>	1
<b>194215</b>	1/4	5-25	<b>173,00</b>	1
<b>194220</b>	3/8	10-60	<b>208,00</b>	1

**Torque wrench repair kit**

**New**



For torque wrenches with viewfinder



For slippery torque wrenches

Code	"	For key	€	
<b>199168</b>	1/4	192920	<b>9,00</b>	1
<b>199170</b>	3/8	192930	<b>10,00</b>	1
<b>199172</b>	1/2	192898	<b>12,50</b>	1
<b>199174</b>	1/2	192900/ 192910	<b>17,50</b>	1
<b>199176</b>	3/4	192940	<b>23,50</b>	1
<b>199178</b>	3/4	192945	<b>40,00</b>	1

Code	"	For key	€	
<b>199166</b>	1/4	194200/ 194205	<b>60,00</b>	1
<b>199167</b>	1/4	194215	<b>70,00</b>	1
<b>199171</b>	3/8	194220	<b>75,00</b>	1

## Torque handle for interchangeable heads

- For heads of 9x12 and 14x18 mm
- Push-button for releasing the insert
- Ergonomic handle
- Quick and accurate adjustment of the torque

**Torque accuracy ± 3%**  
**Right-left tightening**



Printed scale  
N.m y Lb.Ft



**Individual calibration certificate**



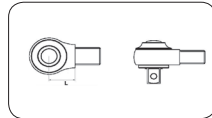
Instructions  
for use



Delivered in  
plastic case

Code	∅ mm	Capacity		Graduation Nm	€	📦
		Nm	Kgm			
<b>194100</b>	9x12	4-20	0.4-2	0,1	<b>127,25</b>	1
<b>194105</b>	9x12	20-100	2-10	0,5	<b>158,73</b>	1
<b>194110</b>	14x18	40-200	4-20	1,0	<b>162,52</b>	1
<b>194115</b>	14x18	50-350	5-35	2,0	<b>170,57</b>	1

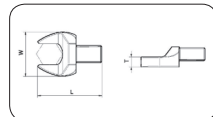
## Ratchet ended insert



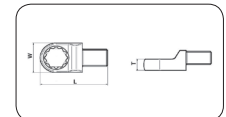
- Made of Chrome-Vanadium Steel
- Ratchet system with 72 teeth

Code	∅ mm	L mm	Head	€	📦
<b>194180</b>	9x12	46	1/4"	<b>29,94</b>	1
<b>194182</b>	9x12	60	1/2"	<b>38,50</b>	1
<b>194184</b>	14x18	70	1/2"	<b>39,63</b>	1

## Open ended insert



## Ring ended insert

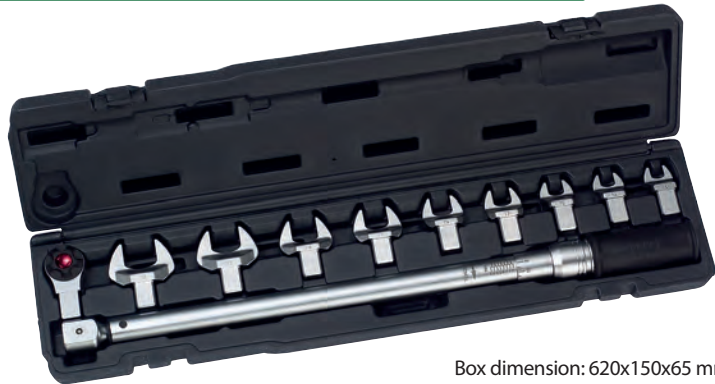


Code	∅ mm	⊘ mm	L x W x T mm	€	📦
<b>194120</b>	9x12	10	40x25x6	<b>16,85</b>	1
<b>194121</b>	9x12	11	40x25x6	<b>16,85</b>	1
<b>194122</b>	9x12	12	40x27x6	<b>16,85</b>	1
<b>194123</b>	9x12	13	40x29x6	<b>16,85</b>	1
<b>194124</b>	9x12	14	44x32x8	<b>16,85</b>	1
<b>194127</b>	9x12	17	44x38x8	<b>18,18</b>	1
<b>194129</b>	9x12	19	45x42x8	<b>18,18</b>	1
<b>194133</b>	14x18	13	58x30x7	<b>21,03</b>	1
<b>194137</b>	14x18	17	60x38x9	<b>21,03</b>	1
<b>194139</b>	14x18	19	60x41x9	<b>21,03</b>	1
<b>194142</b>	14x18	22	62x48x11	<b>23,55</b>	1
<b>194144</b>	14x18	24	64x51x11	<b>27,05</b>	1
<b>194145</b>	14x18	27	70x60x13,5	<b>30,72</b>	1
<b>194146</b>	14x18	30	71x64x13,5	<b>30,72</b>	1
<b>194147</b>	14x18	32	73x66x13,5	<b>30,72</b>	1
<b>194148</b>	14x18	36	75x68x13,5	<b>30,72</b>	1
<b>194149</b>	14x18	41	80x83x13,5	<b>30,72</b>	1

Code	∅ mm	⊘ mm	L x W x T mm	€	📦
<b>194150</b>	9x12	10	42x20x8	<b>16,28</b>	1
<b>194151</b>	9x12	11	44x21x8	<b>16,28</b>	1
<b>194152</b>	9x12	12	44x22x12,2	<b>16,28</b>	1
<b>194153</b>	9x12	13	44x22x12,2	<b>16,28</b>	1
<b>194154</b>	9x12	14	44x22x12,2	<b>17,05</b>	1
<b>194157</b>	9x12	17	48x28x13,2	<b>17,05</b>	1
<b>194159</b>	9x12	19	50x32x13,2	<b>17,05</b>	1
<b>194163</b>	14x18	13	60x30x12	<b>20,37</b>	1
<b>194167</b>	14x18	17	64x31x12,5	<b>20,37</b>	1
<b>194169</b>	14x18	19	66x31x12,5	<b>20,37</b>	1
<b>194172</b>	14x18	22	69x36x15	<b>21,68</b>	1
<b>194174</b>	14x18	24	69x38x15	<b>21,68</b>	1
<b>194175</b>	14x18	27	78x42x17,5	<b>28,70</b>	1
<b>194176</b>	14x18	30	78x45x17,5	<b>28,70</b>	1
<b>194177</b>	14x18	32	80x48x17,5	<b>28,70</b>	1
<b>194178</b>	14x18	36	83x54x19	<b>30,95</b>	1
<b>194179</b>	14x18	41	85x60x19	<b>33,28</b>	1

**New**

**Torque handle and interchangeable heads set**



Box dimension: 620x150x65 mm

**Torque accuracy ± 3%**  
**Mouths 14x18 mm**

**CONTENS**  
1 dynamometric handle 194115  
1 interchangeable ratchet head 194184  
9 interchangeable heads open 13, 14, 15, 17, 19, 22, 24, 27, 30 mm

Code	No. of items	€	
<b>192891</b>	11	<b>390,00</b>	1

**Torque screwdriver**

**DIN 6789**

**Torque accuracy ± 5%**



Instructions for use

**HEX 1/4" FEMALE**



192885

- Automatic adjustment knob
- Laser printed scale
- Anti-slip rubber ergonomic handle
- Certificate of individual calibration

**High-Torque screwdriver**

**DIN 6789**

**Torque accuracy ± 5%**



Instructions for use

**HEX 1/4" FEMALE**



192890

Code	" "	Capacity		Graduation		€	
		cNm	Nm	cNm	Nm		
<b>192885</b>	1/4	10-120	0,1-1,20	1	0,01	<b>158,43</b>	1
<b>192890</b>	1/4	100-600	1-6	10	0,1	<b>167,08</b>	1

Display in plastic case

**Angular torque gauge**



- 360° angle scale marked in 2° increments
- Scale with plastic protector so to prevent dirt
- Adjustable bolt to keep fixed the scale

Code	Female	Male	€	
<b>192897</b>	1/2"	1/2"	<b>28,22</b>	1

Display in blister

**Torque multiplier**



**Torque multiplication ratio 5:1**



Instructions for use



**Includes extension bar and reaction arm**

Code	Range in Nm	Range out Nm	Input	Output	€	
<b>192892</b>	300	1500	1/2"	3/4"	<b>677,00</b>	1
<b>192893</b>	540	2700	3/4"	1"	<b>714,06</b>	1





## 05 Keys



Multicolour  
key sets

109



Hexagonal key

110



Ball end key set

112



Folding  
hexagonal key set

113



Hexagonal  
T-handle

115



Insulated T  
handle

116



T-handle  
socket wrench

116



T-handle  
set

117

**Multicolour ball end hexagonal key set**

CR-V  
STEEL  
S2



**EXTRA-LONG TYPE**

Anti-slip coating.  
Rough contact area  
on handgrip

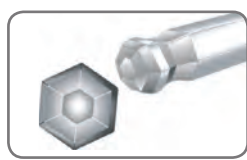
Magnetic heads



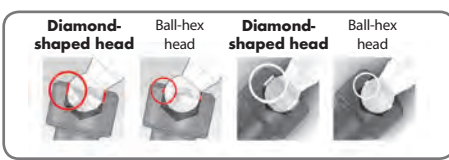
Colour code



One piece  
rubber holder



**DIAMOND SHAPED  
HEAD**



Greater contact surface with the screw because  
of special diamond-shaped profile.

**CONTENTS** 1'5, 2, 2'5, 3, 4, 5, 6, 8, 10 mm

Code	No. of Items	€	
<b>193145</b>	9	<b>21,37</b>	6

**Display with blister**

**Multicolour ball end hexagonal key**

CR-V  
STEEL  
S2



**EXTRA-LONG TYPE**



Colour code



Code	mm	L mm	€	
<b>193171</b>	1,5	92	<b>1,07</b>	10
<b>193172</b>	2	100	<b>1,30</b>	10
<b>193182</b>	2,5	115	<b>1,39</b>	10
<b>193173</b>	3	130	<b>1,44</b>	10
<b>193174</b>	4	145	<b>1,72</b>	10
<b>193175</b>	5	165	<b>2,05</b>	10
<b>193176</b>	6	186	<b>3,15</b>	10
<b>193178</b>	8	208	<b>4,48</b>	10
<b>193181</b>	10	234	<b>6,73</b>	10

**Display with blister**

**Multicolour hex key set**

CR-V  
STEEL  
S2



**EXTRA-LONG TYPE**



Colour code

Same features as 193145



**CONTENTS** 1'5, 2, 2'5, 3, 4, 5, 6, 8, 10 mm

Code	No. of Items	€	
<b>193144</b>	9	<b>17,43</b>	6

**Display with blister**

## Tamper-Proof Torx key set

CR-V  
STEEL  
S2

EXTRA-LONG TYPE



Colour code

Same features as 193145



### CONTENTS

T10, T15, T20, T25, T27, T30, T40, T45, T50

Code	No. of Items	€	
<b>193148</b>	9	<b>31,52</b>	6

Display with blister

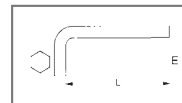
## Hexagonal key

DIN  
2936

CR-V  
STEEL



REGULAR SERIES



• Nickel coating



Code	mm	L mm	E mm	€	
<b>190450</b>	1/16	47	12	<b>0,45</b>	10
<b>190451</b>	5/64	50	16	<b>0,47</b>	10
<b>190452</b>	3/32	56	18	<b>0,52</b>	10
<b>190453</b>	1/8	63	20	<b>0,60</b>	10
<b>190454</b>	5/32	70	25	<b>0,68</b>	10
<b>190455</b>	3/16	80	28	<b>0,82</b>	10
<b>190456</b>	1/4	90	32	<b>0,96</b>	10
<b>190457</b>	5/16	100	36	<b>1,29</b>	10
<b>190458</b>	3/8	115	40	<b>1,50</b>	10

Code	mm	L mm	E mm	€	
<b>193015</b>	1.5	47	12	<b>0,45</b>	10
<b>193002</b>	2	50	16	<b>0,47</b>	10
<b>193025</b>	2,5	56	18	<b>0,52</b>	10
<b>193003</b>	3	63	20	<b>0,60</b>	10
<b>193004</b>	4	70	25	<b>0,68</b>	10
<b>193005</b>	5	80	28	<b>0,82</b>	10
<b>193006</b>	6	90	32	<b>0,96</b>	10
<b>193007</b>	7	95	34	<b>1,29</b>	10
<b>193008</b>	8	100	36	<b>1,50</b>	10
<b>193009</b>	9	105	38	<b>1,97</b>	10
<b>193010</b>	10	112	40	<b>2,02</b>	10
<b>193012</b>	12	125	45	<b>3,04</b>	5
<b>193014</b>	14	140	56	<b>4,25</b>	5
<b>193017</b>	17	160	63	<b>6,88</b>	5
<b>193019</b>	19	180	70	<b>10,32</b>	5
<b>193022</b>	22	200	80	<b>14,19</b>	5

## Hexagonal key set in plastic holder

REGULAR SERIES



• Nickel coating  
• Hinged opening of plastic support



### CONTENTS

**193070** 1'5, 2, 2'5, 3, 4, 5, 6, 8, 10 mm

**193071** 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"

Code	No. of Items	€	
<b>193070</b>	9	<b>8,18</b>	6
<b>193071</b>	9	<b>8,18</b>	1





**Hexagonal Key Set in Metal Ring**



**CONTENTS**

**193055** 2, 2.5, 3, 4, 5, 6, 8 mm

**193056** 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

Code	No. of Items	€	
<b>193055</b>	7	<b>6,27</b>	10
<b>193056</b>	9	<b>7,94</b>	10

Display in plastic bag

**Folding Hexagonal key set**



• Key unfolding system by lever



**CONTENTS** 1.5, 2, 2.5, 3, 4, 5, 6, 8 mm

Code	No. of Items	€	
<b>193082</b>	8	<b>9,50</b>	12

Display with hanger

**Hexagonal key**

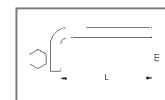
**DIN**  
2936

**EXTRA-LONG TYPE**

**CR-V**  
**STEEL**



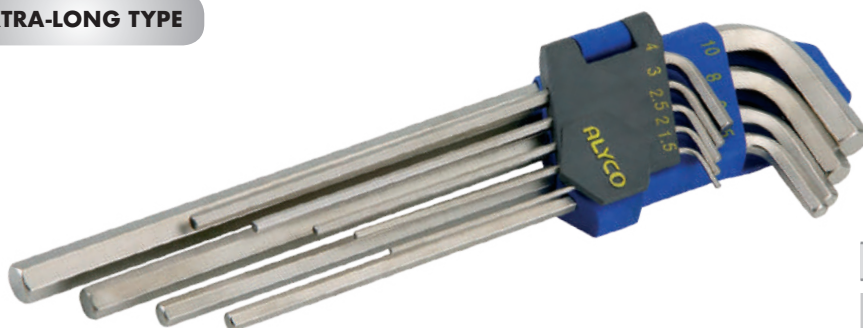
• Nickel coating



Code	mm	L mm	E mm	€	
<b>193902</b>	2	100	14	<b>0,62</b>	10
<b>193925</b>	2.5	112	18	<b>0,68</b>	10
<b>193903</b>	3	126	20	<b>0,86</b>	10
<b>193904</b>	4	142	25	<b>0,96</b>	10
<b>193905</b>	5	160	28	<b>1,40</b>	10
<b>193906</b>	6	180	32	<b>1,70</b>	10
<b>193907</b>	7	190	34	<b>2,09</b>	10
<b>193908</b>	8	200	36	<b>2,50</b>	10
<b>193910</b>	10	224	40	<b>3,80</b>	10
<b>193912</b>	12	250	45	<b>5,50</b>	5
<b>193914</b>	14	280	55	<b>8,00</b>	5

**Hexagonal key set in plastic holder**

**EXTRA-LONG TYPE**



**CONTENTS** 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm

Code	No. of Items	€	
<b>193970</b>	9	<b>11,59</b>	6

Display with blister

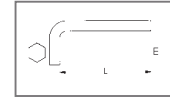
## Ball end hexagonal key

DIN  
2936

EXTRA-LONG TYPE

CR-V  
STEEL

Nickel coating



Code	mm	L mm	E mm	€	
190460	1/16	85	12	1,10	10
190461	5/64	100	14	1,15	10
190462	3/32	112	18	1,21	10
190463	1/8	126	20	1,26	10
190464	5/32	142	25	1,50	10
190465	3/16	160	28	1,78	10
190466	1/4	180	32	2,74	10
190467	5/16	200	36	3,80	10
190468	3/8	224	40	6,64	10

Code	mm	L mm	E mm	€	
193102	2	100	14	1,15	10
193125	2.5	112	18	1,21	10
193103	3	126	20	1,26	10
193104	4	142	25	1,50	10
193105	5	160	28	1,78	10
193106	6	180	32	2,74	10
193107	7	190	34	3,00	10
193108	8	200	36	3,90	10
193110	10	224	40	6,64	10
193112	12	250	45	7,14	5
193114	14	280	55	11,51	5

## Ball end hexagonal key set in plastic holder

EXTRA-LONG TYPE



Code	No. of Items	€	
193130	9	13,00	6
193131	9	13,30	1



Display with blister

## Ball end hexagonal key set in plastic holder



### CONTENTS

1'5, 2, 2'5, 3, 4, 5, 6, 8, 10 mm

Code	No. of Items	€	
193140	9	9,07	6

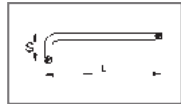
Display with blister



**Torx key**

CR-V  
STEEL



• Nickel coating



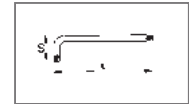
Code		L mm	S mm	€	
<b>193206</b>	T6	66	16	<b>3,23</b>	10
<b>193207</b>	T7	71	16	<b>3,23</b>	10
<b>193208</b>	T8	76	16	<b>3,23</b>	10
<b>193209</b>	T9	80	16	<b>3,27</b>	10
<b>193210</b>	T10	86	17	<b>2,69</b>	10
<b>193215</b>	T15	90	18	<b>2,75</b>	10
<b>193220</b>	T20	95	19	<b>2,79</b>	10
<b>193225</b>	T25	100	20	<b>2,82</b>	10
<b>193227</b>	T27	105	21	<b>2,84</b>	10
<b>193230</b>	T30	114	24	<b>2,88</b>	10
<b>193240</b>	T40	124	26	<b>3,08</b>	5
<b>193245</b>	T45	137	29	<b>3,21</b>	5
<b>193250</b>	T50	152	32	<b>3,50</b>	5
<b>193255</b>	T55	171	35	<b>4,75</b>	5
<b>193260</b>	T60	190	38	<b>5,81</b>	5

**Torx tampered key**

CR-V  
STEEL




• Nickel coating



Code		L mm	S mm	€	
<b>194006</b>	T6	66	16	<b>4,20</b>	10
<b>194007</b>	T7	71	16	<b>4,20</b>	10
<b>194008</b>	T8	76	16	<b>4,20</b>	10
<b>194009</b>	T9	80	16	<b>4,25</b>	10
<b>194010</b>	T10	86	17	<b>3,48</b>	10
<b>194015</b>	T15	90	18	<b>3,56</b>	10
<b>194020</b>	T20	95	19	<b>3,64</b>	10
<b>194025</b>	T25	100	20	<b>3,66</b>	10
<b>194027</b>	T27	105	21	<b>3,69</b>	10
<b>194030</b>	T30	114	24	<b>3,73</b>	10
<b>194040</b>	T40	124	26	<b>4,00</b>	5
<b>194045</b>	T45	137	29	<b>4,18</b>	5
<b>194050</b>	T50	152	32	<b>4,57</b>	5
<b>194055</b>	T55	171	35	<b>6,17</b>	5
<b>194060</b>	T60	190	38	<b>7,55</b>	5

**Torx key set in plastic holder**




<b>CONTENTS</b>			
T10, T15, T20, T25, T27, T30, T40, T45, T50			
Code	No. of Items	€	
<b>193270</b>	9	<b>10,00</b>	6

Display with blister

**Torx tampered key set in plastic holder**



<b>CONTENTS</b>			
T10, T15, T20, T25, T27, T30, T40, T45, T50			
Code	No. of Items	€	
<b>193290</b>	9	<b>12,00</b>	6

Display with blister



## Torx tampered key set in plastic holder

EXTRA-LONG TYPE



**CONTENTS** T10, T15, T20, T25, T27, T30, T40, T45, T50

Code	No. of Items	€	
<b>193292</b>	9	<b>17,00</b>	6

Display with blister

## Torx key set in plastic holder



**CONTENTS**  
T10, T15, T20, T25, T27, T30, T40

Code	No. of Items	€	
<b>193060</b>	7	<b>9,33</b>	10

Display with blister

## Tamper-Proof Torx key set in plastic holder



**CONTENTS**  
T10, T15, T20, T25, T27, T30, T40

Code	No. of Items	€	
<b>193061</b>	7	<b>12,11</b>	10

Display with blister

## Folding Torx key set



**CONTENTS**  
T6, T7, T8, T9, T10, T15, T20, T25

Code	No. of Items	€	
<b>193281</b>	8	<b>10,00</b>	6

Display with blister

## Folding Tamper-Proof Torx key set



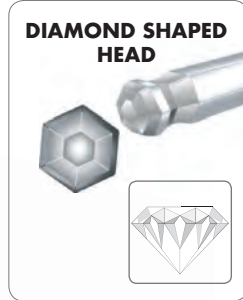
**CONTENTS**  
T9, T10, T15, T20, T25, T27, T30, T40

Code	No. of Items	€	
<b>193283</b>	8	<b>14,00</b>	6

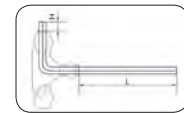
Display with blister

**Hexagonal T Handle**

CR-V  
STEEL



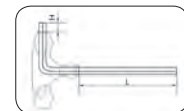
- Large ergonomic handle for high tightening torques
- With hole for hanging
- Satin finish coating



Code	mm	H x L mm	€	
<b>195261</b>	1,5	12x100	<b>3,29</b>	6
<b>195262</b>	2	12x100	<b>3,29</b>	6
<b>195271</b>	2,5	12x100	<b>3,35</b>	6
<b>195263</b>	3	15x100	<b>3,39</b>	6
<b>195264</b>	4	15x100	<b>4,06</b>	6
<b>195265</b>	5	15x150	<b>4,40</b>	6
<b>195266</b>	6	15x150	<b>4,69</b>	6
<b>195268</b>	8	20x200	<b>6,57</b>	6
<b>195270</b>	10	20x200	<b>7,59</b>	6

**Torx tampered T handle**

CR-V  
STEEL



Code	mm	H x L mm	€	
<b>195309</b>	T9	15x100	<b>4,46</b>	6
<b>195310</b>	T10	15x100	<b>4,46</b>	6
<b>195315</b>	T15	15x100	<b>4,57</b>	6
<b>195320</b>	T20	15x100	<b>4,61</b>	6
<b>195325</b>	T25	15x100	<b>5,47</b>	6
<b>195327</b>	T27	15x150	<b>5,62</b>	6
<b>195330</b>	T30	15x150	<b>5,95</b>	6
<b>195340</b>	T40	20x200	<b>6,35</b>	6
<b>195350</b>	T50	20x200	<b>10,25</b>	6

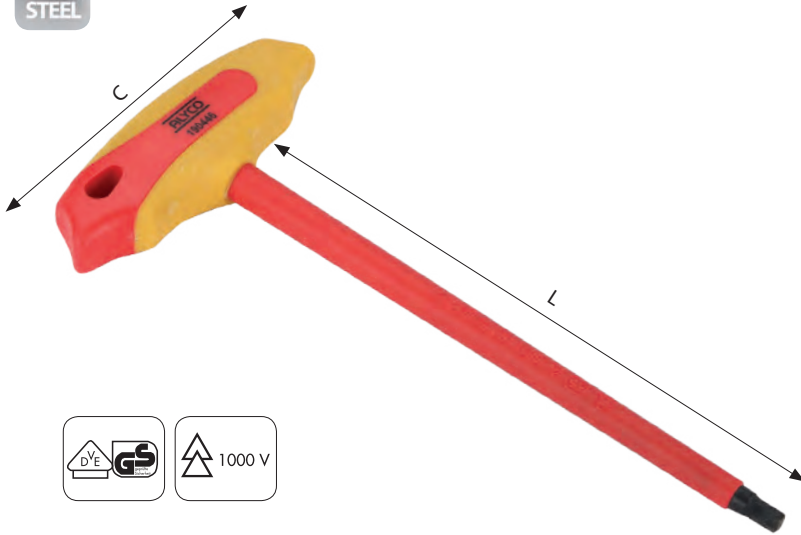
**Hexagonal T handle set**



Code	No. of Items	€	
<b>195274</b>	8	<b>36,00</b>	1

## Insulated hexagon T handle

CR-V  
STEEL

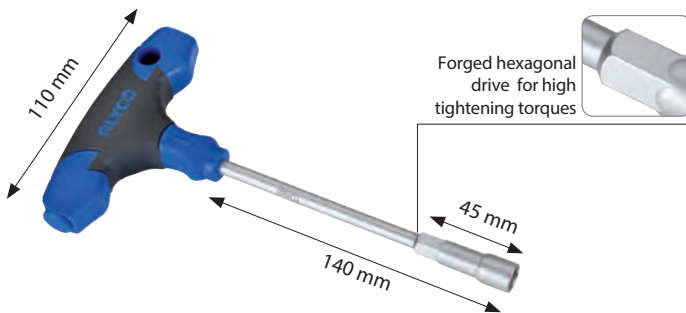


### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC or up to 1500 V in DC.

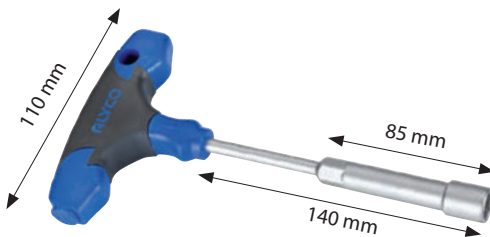
Code	mm	L x C mm	€	
190442	2,5	100x80	8,06	6
190443	3	100x80	8,55	6
190444	4	125x100	10,77	6
190445	5	150x100	11,24	6
190446	6	175x120	13,16	6
190448	8	200x120	15,92	6

## T handle socket wrench

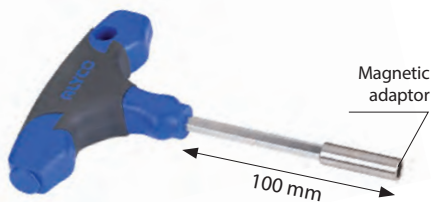


Forged hexagonal drive for high tightening torques

## T handle with deep socket wrench



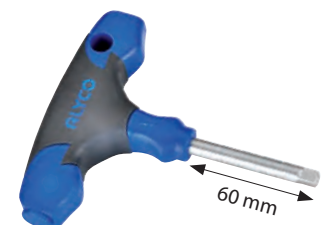
## T handle with magnetic adaptor



Code	€	
195245	7,68	6



Code	€	
195250	8,63	6



Code	€	
195240	6,26	12

Code	mm	€	
195205	5	7,12	6
195255	5,5	7,12	6
195206	6	7,12	6
195207	7	7,12	6
195208	8	7,37	6
195209	9	7,37	6
195210	10	8,22	6
195211	11	8,22	6
195212	12	9,09	6
195213	13	9,09	6
195214	14	9,71	6

Code	mm	€	
195227	7	8,19	6
195228	8	8,47	6
195230	10	9,47	6
195232	12	10,46	6
195233	13	10,46	6



**T handle set with blades**

CR-V-MO  
STEEL



- Blade 125 mm long
- Ergonomic handle

**CONTENTS**

- 1 T handle
- 10 Double end blades: 3'0 / 4'0 mm
- 5'5 / 6'5 mm 3'0 / 4'0 mm 5,0 / 6,0 mm
- PH1 / PH2 PZ1 / PZ2 PH3 / PZ3
- T10 / T15 T20 / T25 T30 / T40

Code	No. of Items	€	
<b>195284</b>	11	<b>21,95</b>	1

**T handle set in nylon bag**

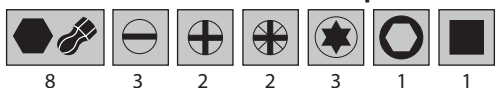


**CONTENTS**

- 8 Hexagonal T handle 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 1 T handle magnetic adaptor
- 10 Bits 4,5, 6 mm PH1, PH2 PZ1, PZ2
- 1 1/4" socket holder

Code	No. of Items	€	
<b>195282</b>	20	<b>54,26</b>	2

**Includes 20 different tips**

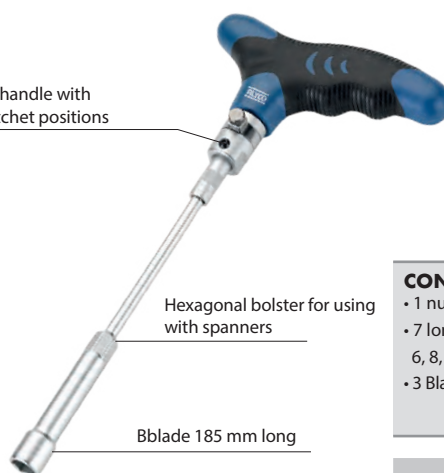


**13 in 1 nutdriver screwdriver set**

CR-V  
STEEL



Tee-handle with  
3 ratchet positions



Hexagonal bolster for using  
with spanners

Bblade 185 mm long



**CONTENTS**

- 1 nutdriver with ratchet
- 7 long 1/4" sockets:  
6, 8, 10, 11, 12, 13, 14 mm
- 3 Blades with double tip: PH1/PH2/PH3
- 4'5/5'5/6'5

Code	No. of Items	€	
<b>193470</b>	11	<b>54,34</b>	1



## 06 Screwdrivers and bits



Insert bit 119



Magnetic bit holder 122



Bit set 123



Go through screwdriver 125



Screwdriver 126



Screwdrivers set 128



Bit holding driver 130



Precision screwdriver 132



Insulated screwdriver 134



Insulated precision screwdriver 136

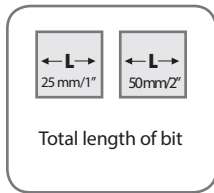


Polimeter 137



Tester 137

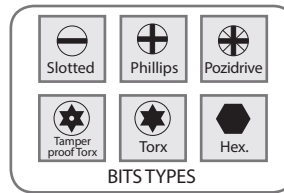
## BITS FEATURES



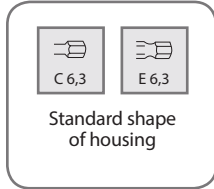
Total length of bit



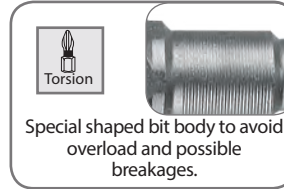
Titanium coating  
(high resistance to wear).



All 1/4" bits are supplied in plastic dispensers with lid



Standard shape of housing



### 1/4" bit 25 mm long

**DIN**  
3128



Code	⊕	€	📦
<b>193536</b>	PH1	<b>8,10</b>	1
<b>193537</b>	PH2	<b>8,10</b>	1
<b>193538</b>	PH3	<b>8,10</b>	1

10 unit package sale unit

**DIN**  
3128



Code	⊕	€	📦
<b>193546</b>	PH1	<b>21,00</b>	1
<b>193547</b>	PH2	<b>21,00</b>	1
<b>193548</b>	PH3	<b>21,00</b>	1

10 unit package sale unit



Code	⊕	€	📦
<b>193556</b>	PZ1	<b>8,10</b>	1
<b>193557</b>	PZ2	<b>8,10</b>	1
<b>193558</b>	PZ3	<b>8,10</b>	1

10 unit package sale unit



Code	⊕	€	📦
<b>193566</b>	PZ1	<b>21,00</b>	1
<b>193567</b>	PZ2	<b>21,00</b>	1
<b>193568</b>	PZ3	<b>21,00</b>	1

10 unit package sale unit

**DIN**  
3127



\* Torsion bits

Code	⬡	€	📦
<b>193570</b>	1,5*	<b>9,20</b>	1
<b>193572</b>	2*	<b>9,20</b>	1
<b>193571</b>	2,5*	<b>9,20</b>	1
<b>193573</b>	3*	<b>9,20</b>	1
<b>193574</b>	4*	<b>9,20</b>	1
<b>193575</b>	5*	<b>9,20</b>	1
<b>193576</b>	6	<b>9,20</b>	1
<b>193578</b>	8	<b>11,80</b>	1
<b>193580</b>	10	<b>13,40</b>	1

10 unit package sale unit

THE BITS ARE SOLD ONLY IN FULL PACKING



## 1/4" bit 25 mm long



\*Torsion bits

Code	★	€	☞
193581	T10*	9,40	1
193582	T15*	9,40	1
193583	T20*	9,40	1
193584	T25*	9,40	1
193585	T27*	9,40	1
193586	T30*	9,40	1
193587	T40	5,00	1**
193588	T45	5,95	1**
193589	T50	6,20	1**
193603	T55	6,35	1**

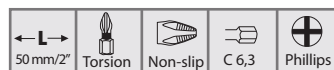
10 unit package sale unit  
\*\* Package of 5 units

DIN  
3127



## 1/4" bit 50 mm long

DIN  
3128



Code	⊕	€	☞
193636	PH1	19,80	1
193637	PH2	19,80	1
193638	PH3	19,80	1

10 unit package sale unit

DIN  
3128



Code	⊕	€	☞
193656	PZ1	19,80	1
193657	PZ2	19,80	1
193658	PZ3	19,80	1

10 unit package sale unit



Code	★	€	☞
193590	T10	10,50	1
193591	T15	10,50	1
193592	T20	10,50	1
193593	T25	10,50	1
193594	T27	10,50	1
193595	T30	10,50	1
193596	T40	5,25	1**
193597	T45	5,80	1**
193598	T50	6,15	1**
193599	T55	6,35	1**

10 unit package sale unit  
\*\* Package of 5 units

Code	mm	€	☞
193503	0,6 x 4,5	10,00	1
193506	0,8 x 5,5	10,00	1
193511	1 x 5,5	10,00	1
193516	1,2 x 6,5	10,00	1
193521	1,6 x 8	10,00	1

10 unit package sale unit

DIN  
3128



Code	⊕	€	☞
193646	PH1	31,20	1
193647	PH2	31,20	1
193648	PH3	31,20	1

10 unit package sale unit

DIN  
3128



Code	⊕	€	☞
193666	PZ1	31,20	1
193667	PZ2	31,20	1
193668	PZ3	31,20	1

10 unit package sale unit

## 1/4" bit 50 mm long

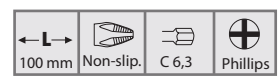
DIN 3127



Code	mm	€	
193601	0,6 x 4,5	25,10	1
193606	0,8 x 5,5	25,10	1
193611	1 x 5,5	25,10	1
193616	1,2 x 6,5	25,10	1
193621	1,6 x 8	25,10	1

10 unit package sale unit

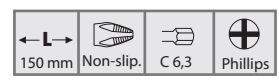
## 1/4" bit 100 mm long



Code		€	
193964	PH1	19,65	1
193965	PH2	23,58	1

193964 Sales unit container of 5 units  
193965 Unit of sale container of 6 units

## 1/4" bit 150 mm long



Code		€	
193967	PH1	25,15	1
193968	PH2	25,15	1

5 unit package sale unit

## 5/16" bit 30 mm long



SLOTTED



PHILLIPS



POZIDRIVE



HEXAGONAL



TORX TAMP



XZN

SLOTTED			
Code	mm	€	
193935	5,5	8,15	1
193936	6,5	8,15	1
193938	8	8,15	1
193940	10	10,45	1
193942	12	14,65	1

5 unit package sale unit

PHILLIPS			
Code		€	
193961	PH1	8,15	1
193962	PH2	8,15	1
193963	PH3	8,15	1

5 unit package sale unit

POZIDRIVE			
Code		€	
193971	PZ1	8,15	1
193972	PZ2	8,15	1
193973	PZ3	8,15	1

5 unit package sale unit

HEXAGONAL			
Code	mm	€	
193944	4	8,15	1
193945	5	8,15	1
193946	6	8,15	1
193948	8	8,15	1
193950	10	10,45	1
193952	12	14,65	1
193954	14	21,40	1

5 unit package sale unit



TORX TAMPERED			
Code		€	
193990	T20	10,45	1
193991	T25	10,45	1
193992	T27	10,45	1
193993	T30	10,45	1
193994	T40	10,45	1
193995	T45	10,45	1
193996	T50	10,45	1

5 unit package sale unit


XZN			
Code		€	
193980	M4	13,10	1
193981	M5	13,10	1
193982	M6	13,10	1
193983	M8	13,10	1
193984	M10	16,65	1
193985	M12	24,00	1

5 unit package sale unit



## 3/8" bit 30 mm long


L: 30 mm

Code	★	€	
186123	T20	20,90	1
186125	T25	20,90	1
186130	T30	20,90	1
186140	T40	20,90	1
186145	T45	20,90	1
186150	T50	20,90	1
186155	T55	20,90	1
186160	T60	24,50	1

10 unit package sale unit

L: 30 mm

Code	mm	€	
186104	4	16,30	1
186105	5	16,30	1
186106	6	16,30	1
186107	7	16,30	1
186108	8	16,30	1
186110	10	20,90	1
186112	12	24,50	1

10 unit package sale unit






L: 30 mm


Code	mm	€	
186165	M5	26,20	1
186166	M6	26,20	1
186168	M8	26,20	1
186170	M10	33,30	1
186172	M12	48,50	1

10 unit package sale unit

## 3/8" bit 75 mm long

L: 75 mm

Code	★	€	
186124	T20	28,50	1
186126	T25	28,50	1
186131	T30	28,50	1
186141	T40	28,50	1
186146	T45	28,50	1
186151	T50	28,50	1
186156	T55	28,50	1
186161	T60	33,10	1



10 unit package sale unit





L: 75 mm

Code	mm	€	
186114	4	28,50	1
186115	5	28,50	1
186116	6	28,50	1
186117	7	28,50	1
186118	8	28,50	1
186120	10	28,50	1
186122	12	33,10	1

10 unit package sale unit

L: 75 mm

Code	mm	€	
186175	M5	28,50	1
186176	M6	28,50	1
186178	M8	28,50	1
186180	M10	28,50	1
186182	M12	33,10	1

10 unit package sale unit


## 1/4" magnetic bit holder




## 1/4" Magnetic bit holder set




THE BITS ARE SOLD ONLY IN FULL PACKING



Code	mm	€	
194805	5,5	3,12	6
194806	6	3,12	6
194807	7	3,12	6
194808	8	3,12	6
194809	9	3,12	6
194810	10	3,44	6
194811	11	3,44	6
194812	12	3,44	6
194813	13	3,65	6

Display with hunger

CONTENTS 5'5, 6, 7, 8, 9, 10, 11, 12, 13 mm

Code	No. of Items	€	
194815	9	27,00	6

Display with blister



**1/4", 3/8" and 1/2" socket holder**



Code	Size	L mm	€	QTY
<b>193751</b>	1/4"	50	<b>4,00</b>	10
<b>193752</b>	3/8"	50	<b>4,80</b>	10
<b>193753</b>	1/2"	60	<b>5,20</b>	6

**Magnetic bit holder with quick release**



**1/4" sockets adapter**



**1/4" bits set**

CR-V  
STEEL



Colour code

**Magnetic bit holder**



Code	L mm	€	QTY
<b>193740</b>	50	<b>4,50</b>	6
<b>193742</b>	100	<b>6,00</b>	6
<b>193744</b>	150	<b>8,00</b>	6

Display packed with hanger

Not magnetized

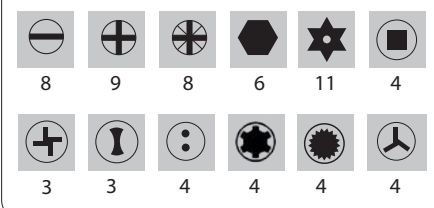
Code	L mm	€	QTY
<b>193750</b>	60	<b>8,00</b>	6

Display packed with hanger

**New**

Code	L mm	€	QTY
<b>193754</b>	30	<b>1,50</b>	10

**Includes 12 different shapes of bits**



**CONTENTS**

- 59 Bits 1/4" 25 mm:
  - PZ1(2), PZ2(2), PZ3(2)
  - PH1(2), PH2(2), PH3(2)
  - T10, T15(2), T20(2), T25(2), T27, T30
  - 4(2), 5(2), 6(2), mm
  - 4(2), 5(2), 6(2), mm
  - 0, 1, 2, 3
  - 6, 8, 10
  - 1, 2, 3
  - 4, 6, 8, 10
  - 4, 5, 6, 7
- 9 bits 1/4" 75 mm
  - PZ1, PZ2
  - PH1, PH2, PH3
  - T20, T25
  - 4, 6 mm
- 1 quick magnetic adapter
- 1 magnetic adapter
- 1 Y cup driver

Code	No. of Items	€	QTY
<b>193730</b>	71	<b>30,24</b>	3

Display with blister

## 1/4" bits set

CR-V  
STEEL



Includes 6 different shapes of bits



Colour code

### CONTENTS

- 30 Bits 1/4"
- PH1, PH2 (2), PH3
- PZ1, PZ2 (2), PZ3
- 3, 4, 5, 6 mm
- 3, 4, 5, 6 mm
- T10, T15, T20, T25, T27, T30, T40
- T10, T15, T20, T25, T27, T30, T40
- 1 Quick Magnetic Adapter
- 1 Magnetic Adapter 1/4"

Code	No. of Items	€	
<b>193725</b>	32	<b>16,40</b>	6

Display with blister

## 3/8" bits set

CR-V  
STEEL

SPECIAL  
AUTOMOTION



Includes 3 different shapes of bits



### CONTENTS

- 20 Bits 3/8" 30 mm:
  - Hex 4, 5, 6, 7, 8, 10, 12 mm
  - Xzn M5, M6, M8, M10, M12
  - Torx T20, T25, T30, T40, T45, T50, T55, T60
- 1 Adap. 3/8" H for bits 3/8"
- 20 Bits 3/8" 75 mm:
  - Hex 4, 5, 6, 7, 8, 10, 12 mm
  - Xzn M5, M6, M8, M10, M12
  - Torx T20, T25, T30, T40, T45, T50, T55, T60
- 1 Adap. 1/2" H for bits 3/8"

Code	No. of Items	€	
<b>186100</b>	42	<b>34,00</b>	1

## Screwdriver set including ratchet handle and bits



Includes 5 different shapes of bits



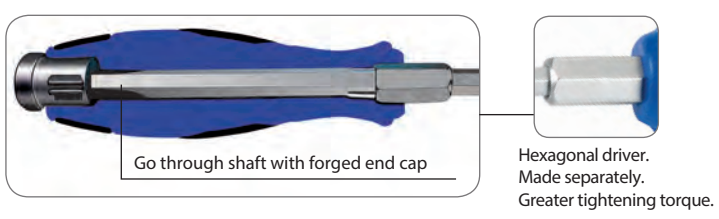
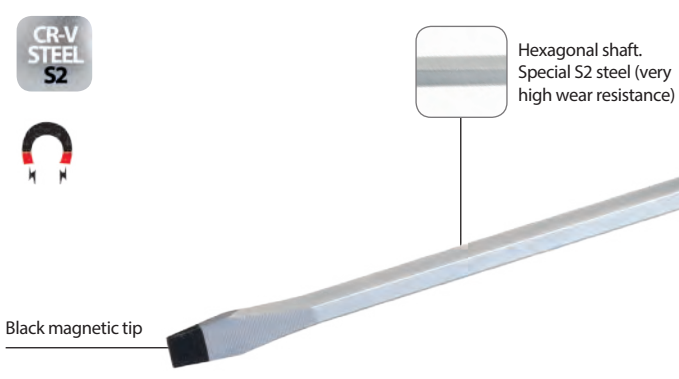
Including magnetic adapter of 100 mm for attaching the screwdriver handle

### CONTENTS

- 48 Bits 1/4" 25 mm:
  - 3(1), 4(2), 5(2), 6(2), 7(1) mm
  - PH0(2), PH1(2), PH2(2), PH3(2)
  - PZ0(2), PZ1(2), PZ2(2), PZ3(2)
  - T8, T10, T15, T20, T25, T27, T30, T40
  - T8, T10, T15, T20, T25, T27, T30, T40
  - 1'5, 2, 2'5, 3, 4, 5, 5'5, 6 mm
- 1 Magnetic bit driver 100 mm
- 1 Quick magnetic adaptor 60 mm
- 1 Socket holder 1/4" 50 mm
- 1 1/4" bit adaptor
- 32 bits 1/4" 50 mm
  - 3, 4, 5, 6(4), 7 mm
  - PH1, PH2(2), PH3
  - PZ1, PZ2(2), PZ3
  - T10, T15(2), T20(2), T25(2), T27, T30, T40
  - 2'5, 3, 4, 5, 5'5, 6 mm
- 1 Hook bit of 1/4"
- 1 Ratchet screwdriver handle
- 10 1/4" sockets: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm

Code	No. of Items	€	
<b>119150</b>	96	<b>55,93</b>	1

**Go-through screwdriver**



SLOTTED TIP					
Code	Ø mm	Ø mm	mm	€	
<b>119205</b>	5,5	1,0	125	<b>6,44</b>	12
<b>119206</b>	6,5	1,2	150	<b>7,14</b>	12
<b>119208</b>	8,0	1,2	150	<b>8,55</b>	12

Display with hanger

**Phillips tip**



Code	+	mm	€	
<b>119231</b>	PH1	100	<b>5,72</b>	12
<b>119232</b>	PH2	150	<b>6,88</b>	12

Display with hanger

**Pozidrive tip**



Code	+	mm	€	
<b>119241</b>	PZ1	100	<b>6,30</b>	12
<b>119242</b>	PZ2	150	<b>7,56</b>	12

Display with hanger

**Go-through screwdriver set**



**New**

CONTENTS	
• Striking Cap • Hexagonal driver • Hexagonal shaft	
Go through	<ul style="list-style-type: none"> <li>5,5 x 100 mm / 6,5 x 125 mm Slotted tip</li> <li>PH1 x 80 mm / PH2 x 100 mm</li> <li>PZ1 x 80 mm / PZ2 x 100 mm</li> </ul>
	<ul style="list-style-type: none"> <li>3 x 75 mm* / 4 x 80 mm (Cabinet tip)*</li> </ul>
*No end cap, hexagonal driver or hexagonal shaft. With cylindrical shaft.	

Code	No. of Items	€	
<b>119200</b>	8	<b>46,36</b>	1



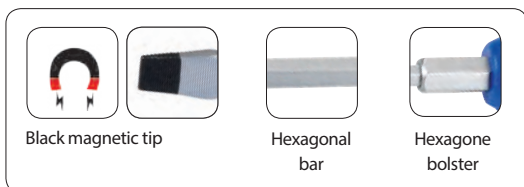
## Slotted tip screwdriver

DIN 5265

CR-V STEEL S2



- Satin chrome finish
- Extra big handle for a better ergonomomy
- Upper end with type symbol



Black magnetic tip

Hexagonal bar

Hexagone bolster

Code	mm	mm	mm	€	
<b>119004</b>	4,0*	0,8	80	<b>3,43</b>	12
<b>119005</b>	5,5	1,0	125	<b>4,36</b>	12
<b>New 119007</b>	6,5	1,2	100	<b>5,40</b>	12
<b>119006</b>	6,5	1,2	150	<b>5,80</b>	12
<b>119008</b>	8,0	1,2	150	<b>6,91</b>	12
<b>119010</b>	10,0*	1,6	200	<b>8,42</b>	12

\* Screwdriver with cylindrical blade and without hexagon bolster

## Slotted electricians tip screwdriver

DIN 5265

CR-V STEEL S2



With cylindrical blade without hexagon bolster

Code	mm	mm	mm	€	
<b>119022</b>	2,5	0,4	75	<b>2,75</b>	12
<b>119023</b>	3,0	0,5	100	<b>2,81</b>	12
<b>119024</b>	4,0	0,8	100	<b>3,45</b>	12
<b>119025</b>	5,0	0,8	150	<b>4,59</b>	12

## Phillips tip screwdriver

DIN 5262

CR-V STEEL S2



Code	+	mm	€	
<b>119030</b>	PH0*	75	<b>3,04</b>	12
<b>119031</b>	PH1	100	<b>4,14</b>	12
<b>119029</b>	PH2	100	<b>4,92</b>	12
<b>119032</b>	PH2	150	<b>5,17</b>	12
<b>119033</b>	PH3	150	<b>7,91</b>	12

\* Screwdriver with cylindrical blade and without hexagon bolster

## Pozidrive tip screwdriver

DIN 5262

CR-V STEEL S2



Code	+	mm	€	
<b>119040</b>	PZ0*	75	<b>3,70</b>	12
<b>119041</b>	PZ1	100	<b>4,50</b>	12
<b>119042</b>	PZ2	150	<b>5,59</b>	12
<b>119043</b>	PZ3	150	<b>8,28</b>	12

\* Screwdriver with cylindrical blade and without hexagon bolster

## Torx tapered screwdriver

CR-V STEEL S2



Code	T	mm	€	
<b>119091</b>	T10	80	<b>4,53</b>	12
<b>119092</b>	T15	80	<b>4,66</b>	12
<b>119093</b>	T20	100	<b>4,66</b>	12
<b>119094</b>	T25	100	<b>4,97</b>	12
<b>119095</b>	T27	100	<b>5,05</b>	12
<b>119096</b>	T30	100	<b>5,81</b>	12
<b>119097</b>	T40	125	<b>6,74</b>	12
<b>119098</b>	T45	125	<b>7,73</b>	12

**Cabinet tip Stubby type screwdriver**

DIN 5265

CR-V STEEL S2



Code	Ø mm	mm	mm	€	
<b>119012</b>	5,5	1,0	38	<b>4,17</b>	12
<b>119014</b>	6,5	1,2	38	<b>5,46</b>	12

**Cabinet tip Stubby type screwdriver**

DIN 5262

CR-V STEEL S2



Code	+	mm	€	
<b>119035</b>	PH1	38	<b>3,93</b>	12
<b>119036</b>	PH2	38	<b>4,97</b>	12

**Cabinet tip Extra long screwdriver**

DIN 5265

CR-V STEEL S2



Code	Ø mm	mm	mm	€	
<b>119016</b>	4,0	0,8	250	<b>5,14</b>	12
<b>119018</b>	6,0	1,0	300	<b>7,44</b>	12

**Cabinet tip Extra long screwdriver**

DIN 5262

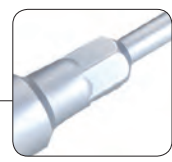
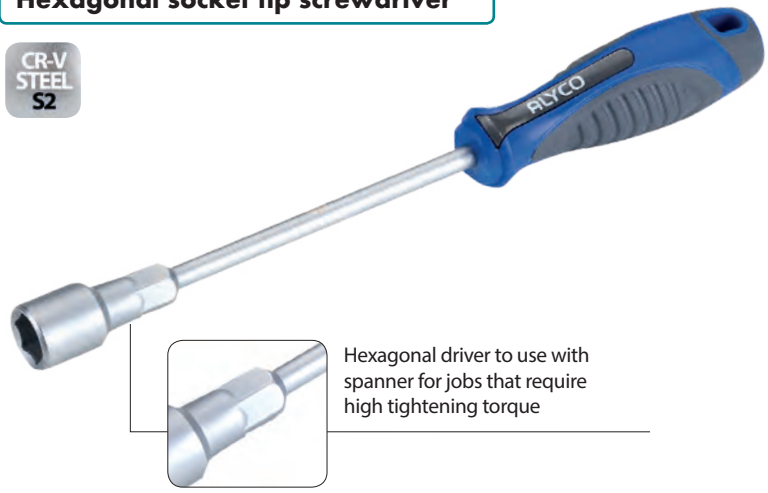
CR-V STEEL S2



Code	+	mm	€	
<b>119038</b>	PH1	250	<b>5,66</b>	12
<b>119039</b>	PH2	300	<b>7,00</b>	12

**Hexagonal socket tip screwdriver**

CR-V STEEL S2



Hexagonal driver to use with spanner for jobs that require high tightening torque



Code	mm	mm	€	
<b>119074</b>	5	150	<b>5,86</b>	12
<b>119075</b>	5,5	150	<b>5,86</b>	12
<b>119076</b>	6	150	<b>5,86</b>	12
<b>119077</b>	7	150	<b>6,00</b>	12
<b>119078</b>	8	150	<b>6,00</b>	12
<b>119079</b>	9	150	<b>6,72</b>	12
<b>119080</b>	10	150	<b>6,72</b>	12
<b>119081</b>	11	150	<b>7,49</b>	12
<b>119082</b>	12	150	<b>7,49</b>	12
<b>119083</b>	13	150	<b>7,79</b>	12
<b>119084</b>	14	150	<b>7,79</b>	12

**Magnetizer demagnetizer**



To magnetize insert the shaft of the screwdriver inside the hole of the magnetizer



To demagnetize keep the tip of the screwdriver near the side slots until it is completely demagnetized



• Magnetize small tools to extract all kinds of screws and nuts easily

Code	Dimensions mm	€	
<b>121530</b>	52x50x28	<b>1,70</b>	6

Display with blister

## Screwdriver sets




### CONTENTS 119050 - 119049

- ⊖ 3x100 mm\* / 4x100 mm (Slotted)\*
- ⊖ 5'5x125mm\*\*/ 6'5x150 mm (Cabinet)\*\*
- ⊕ PH0x75mm\* / PH1x100 mm\*\*

\* With cylindrical shaft. No hexagonal driver.

\*\* With cylindrical shaft and hexagonal driver.

Code	No. of Items	€	
<b>119050</b>	6	<b>23,00</b>	1

## Screwdriver sets




### CONTENTS 119050 - 119049

- ⊖ 3x100 mm\* / 4x100 mm (Slotted)\*
- ⊖ 5'5x125mm\*\*/ 6'5x150 mm (Cabinet)\*\*
- ⊕ PH0x75mm\* / PH1x100 mm\*\*

\* With cylindrical shaft. No hexagonal driver.

\*\* With cylindrical shaft and hexagonal driver.

Code	No. of Items	€	
<b>119049</b>	6	<b>22,80</b>	1

## Screwdriver sets




### CONTENTS 119055

- ⊖ 3x100 mm ((Cabinet tip)\*)
- ⊖ 4x80 mm\* / 6'5x150 mm\*\* / 8x150 mm\*\* (Slotted tips)\*\*
- ⊕ PH1x100 mm\*\* / PH2x150 mm\*\*
- ⊕ PZ1x100 mm\*\* / PZ2x150 mm\*\*

\* With cylindrical shaft. No hexagonal driver.

\*\* With cylindrical shaft and hexagonal driver.

Code	No. of Items	€	
<b>119055</b>	8	<b>38,09</b>	1

## Screwdriver set in plastic box



Box dimensions: 255x185x48 mm




### CONTENTS

- ⊖ 3x100 mm\* / 4x100 mm (Cabinet tip)\*
- ⊖ 5'5x100 mm\*\*/ 6'5x125 mm\*\* / 6'5x38 mm\*
- ⊕ PH1x100 mm\*\* / PH2x100 mm\*\* / PH2x38 mm\*
- ⊕ PZ1x100 mm\*\* / PZ2x100 mm\*\*

\* With cylindrical shaft. No hexagonal driver.

\*\* With cylindrical shaft and hexagonal driver.

Code	No. of Items	€	
<b>119090</b>	10	<b>40,47</b>	1




**Slotted tip screwdriver set**



**Slotted** 

**CONTENTS**  
 3x100mm\* (B. recta), 4x80\*, 5,5x125\*\*, 6,5x150\*\*, 8x150\*\*  
 \* With cylindrical shaft. No hexagonal driver.  
 \*\* With cylindrical shaft and hexagonal driver.


Code	No. of Items	€	
<b>119057</b>	5	<b>23,60</b>	1

**Phillips tip screwdriver set**



**Phillips** 


**CONTENTS**  
 PH0x75\*, PH1x100\*\*, PH2x150\*\*, PH3x150\*\*, PH4x200mm\*\*  
 \* With cylindrical shaft. No hexagonal driver.  
 \*\* With cylindrical shaft and hexagonal driver.


Code	No. of Items	€	
<b>119058</b>	5	<b>27,00</b>	1

**Torx Tapered screwdriver set**



**Torx tapered** 


**CONTENTS**  
 T10x80, T15x80, T20x100, T25x100, T30x100, T40x125


Code	No. of Items	€	
<b>119099</b>	6	<b>34,00</b>	6

**Socket tip screwdriver set**












**CONTENTS**  
 6, 8, 10, 11, 12, 13 x 150 mm

Code	No. of Items	€	
<b>119085</b>	6	<b>41,35</b>	1

**Screwdriver set in nylon bag**













**Includes 22 types of tip**


			
5	3	2	4
			
6	1	1	



**CONTENTS**

-  3x100\* / 4x100 mm\* (Cabinet tip)
-  5.5x125\*\* / 6.5x150 mm\*\* / 6.5x38 mm\* (Slotted tip)
-  PH1x100\*\*/ PH2x150 mm\*\*  PH2x38 mm\*
-  PZ1x100\*\*, PZ2x150 mm\*\*
-  1 1/4" socket holder  1 Magnetic adaptor with handle
-  10 Bits in plastic holder
-  4 3, 4, 5, 6 mm  6 T10, T15, T20, T25, T30, T40

\* With cylindrical shaft. No hexagonal driver.  
 \*\* With cylindrical shaft and hexagonal driver.

Code	No. of Items	€	
<b>119060</b>	22	<b>52,86</b>	1

## Ratchet screwdriver and bits set



**RATCHET MECHANISM**  
 - To the right  
 - To the left  
 - Blocked



**CONTENTS**

- 1 Ratchet screwdriver handle
- 1 1/4" socket holder
- 1 magnetic bit driver 100 mm
- 8 box keys of 1/4": 6, 7, 8, 9, 10, 11, 12, 13 mm
- 10 bits:
  - ⊖ 4, 5, 6 mm
  - ⊕ T10, T15, T20
  - ⊕ PH1, PH2
  - ⊕ PZ1, PZ2

Code	No. of Items	€	
<b>119115</b>	21	<b>25,00</b>	1

Display with blister

## Magnetic bit driver set



**CONTENTS**

- 1 1/4" magnetic bit driver with handle 119100
- 1 1/4" socket holder
- 10 Bits:
  - ⊖ 4, 5, 6 mm
  - ⊕ T10, T15, T20
  - ⊕ PH1, PH2
  - ⊕ PZ1, PZ2

Code	No. of Items	€	
<b>119110</b>	12	<b>11,00</b>	6

Display with blister

## Magnetic bit driver



Code			€	
<b>119100</b>	1/4"	100	<b>6,50</b>	12

## Quick magnetic adaptor



Code			€	
<b>119107</b>	1/4"	40	<b>7,20</b>	12

## 1/4" Socket holder



Code	mm	mm	€	
<b>119105</b>	1/4"	60	<b>6,00</b>	12

## 1/4" flexible magnetic bit driver



Code	mm	mm	€	
<b>119102</b>	1/4"	190	<b>9,58</b>	12

## Reversible blade screwdriver



Code	mm	+	mm	€	
<b>119120</b>	6	PH2	125	<b>5,31</b>	12
<b>119125</b>	6	PH2	175	<b>5,79</b>	12
<b>119130</b>	6	PH2	63	<b>5,00</b>	12

## Screwdriver blade set



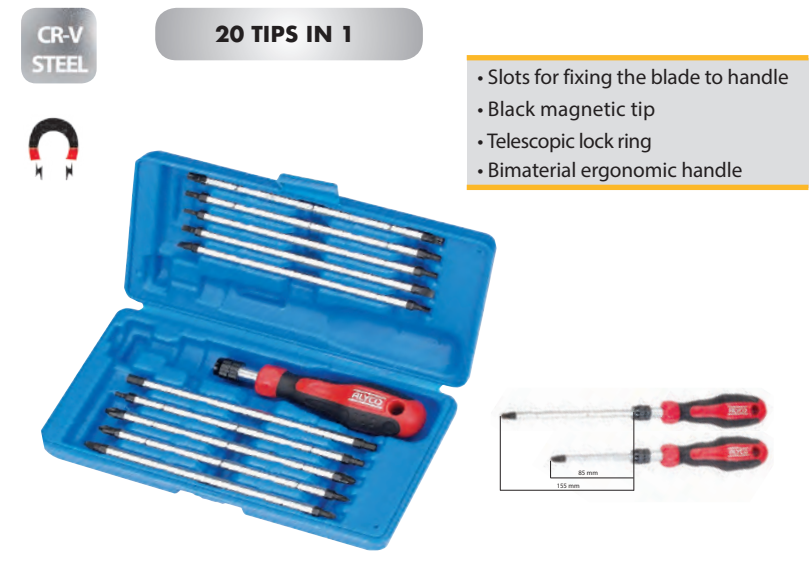
- Bimaterial ergonomic handle
- Slots for fixing the blade to handle (double position)

**CONTENTS**

- 1 Ratchet screwdriver handle
- 10 Blades with double tip: 1- 3'0 / 4'0 mm
- 1- 5'5 / 6'5 mm 1- 3'0 / 4'0 mm 1- 5'0 / 6'0 mm
- 1- PH1 / PH2 1- PZ1 / PZ2 1- PH3 / PZ3
- 1- T10 / T15 1- T20 / T25 1- T30 / T40

Code	No. of Items	€	
<b>119117</b>	11	<b>26,00</b>	1

## 20 in 1 screwdriver set



**20 TIPS IN 1**

- Slots for fixing the blade to handle
- Black magnetic tip
- Telescopic lock ring
- Bimaterial ergonomic handle

**Possibility of double position lengths for blade:**  
 - Normal with 85 mm long blade  
 - Extended with 155 mm long blade

**CONTENTS**

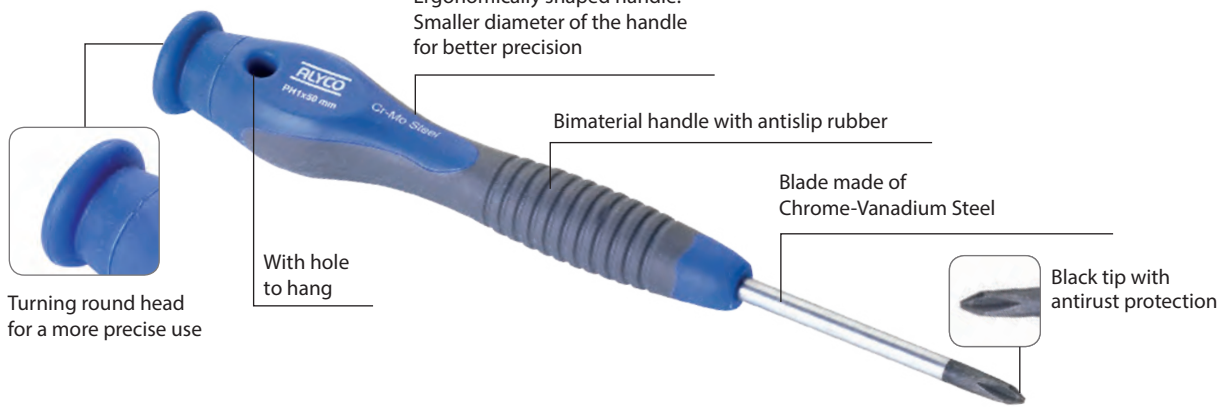
- 1 bimaterial handle
- 10 Blades with double tip: 1- 4.0 / 5.5 mm
- 1- 4'5 / 6'5 mm 1- 3'0 / 4'0 mm 1- 5'0 / 6'0 mm
- 1- PH1 / PH2 1- PZ1 / PZ2 1- PH3 / PZ3
- 1- T10 / T15 1- T20 / T25 1- T30 / T40

Code	No. of Items	€	
<b>193455</b>	11	<b>43,40</b>	1



## Phillips tip precision screwdriver

CR-V  
STEEL



**For uses in jewelry, electronics, computers, electric household appliances...**

Code	⊕	mm	€	
<b>119529</b>	PH00	50	<b>3,07</b>	12
<b>119530</b>	PH0	50	<b>3,07</b>	12
<b>119531</b>	PH1	50	<b>3,07</b>	12

## Cabinet tip precision screwdriver

CR-V  
STEEL



Code	⊖	mm	€	
<b>119501</b>	1,0	50	<b>3,07</b>	12
<b>119515</b>	1,5	50	<b>3,07</b>	12
<b>119502</b>	2,0	50	<b>3,07</b>	12
<b>119525</b>	2,5	50	<b>3,07</b>	12
<b>119503</b>	3,0	50	<b>3,07</b>	12

## Torx tapered tip precision screwdriver

CR-V  
STEEL



Code	⊛	mm	€	
<b>119535</b>	T5	50	<b>3,19</b>	12
<b>119536</b>	T6	50	<b>3,19</b>	12
<b>119537</b>	T7	50	<b>3,19</b>	12
<b>119538</b>	T8	50	<b>3,19</b>	12
<b>119539</b>	T10	50	<b>3,19</b>	12
<b>119540</b>	T15	50	<b>3,19</b>	12

## Precision screwdriver set



### CONTENTS

- ⊖ 1'5x50, 2'0x50, 3'0x50 mm
- ⊕ PH00x50, PH0x50, PH1x50 mm

Code	No. of Items	€	
<b>193465</b>	6	<b>18,00</b>	1

**30 Precision Screwdrivers in 1 set**



Colour code



Extension with 3 indents

**30 BITS IN 1**



**CONTENTS**

- 1 precision screwdriver handle
- 1 magnetic bit driver 110 mm
- Bits:
  - ⊖ 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0
  - ⊕ PH000, PH00, PH0, PH1 ⊕ PZ0, PZ1
  - ⬡ 0.7, 0.9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0
  - ⊛ T4, T5, T6, T7, T8, T9, T10, T15, T20

Code	No. of Items	€	
<b>193467</b>	32	<b>22,00</b>	1

**Screwdriver displayer**



**CONTENTS**

- **Go through:**
    - ⊖ 8x1.2x150 (12) (Cabinet tip)
  - **Regular:**
    - ⊖ 5.5x1x125 (12)\*, 6.5x1.2x150 (12)\*, 8x1.2x150 (12)\* (Slotted tip)
    - ⊖ 3x0.5x100 (12), 4x0.8x100 (12) (Cabinet tip)
    - ⊕ PH1x100 (12)\*, PH2x150 (12)\*
    - ⊛ PZ1x100 (12)\*, PZ2x150 (12)\*
    - ⊛ T10x80, T15x80, T20x100
  - 1/4" magnetic bit driver (12)
  - Exchangeable screwdriver ⊕ PH2- ⊖ 6x125mm (12) (119120)
- \* With hexagonal driver and hexagonal shaft

Code	No. of Items	€	
<b>119051</b>	180	<b>982,05</b>	1

**Double screwdriver displayer**



**CONTENTS**

- **Go through:**
    - ⊖ 6'5x1'2x150 (12), 8'0x1'2x150 (12) (Plana)
    - ⊕ PH1x100(12), PH2x150(12)
    - ⊛ PZ1x100(12), PZ2x150(12)
  - **Regular:**
    - ⊖ 4x0'8x80 (12), 5'5x1x125 (12)\*, 6'5x1'2x150 (12)\*, 8x1'2x150 (12)\* (Plana)
    - ⊖ 2'5x0'4x75 (12), 3x0'5x100 (12), 4x0'8x100 (12), 5x0'8x150 (12) (Recta)
    - ⊕ PH0x75 (12), PH1x100 (12)\*, PH2x150 (12)\*, PH3x150 (12)\*
    - ⊛ PZ0x75 (12), PZ1x100 (12)\*, PZ2x150 (12)\*
    - ⊛ T10x80 (12), T15x80 (12), T20x100 (12)
  - **Stubby type:**
    - ⊖ 6'5x1'2x38 (12) (Plana) ⊕ PH2x38 (12)
  - **Extra long:**
    - ⊖ 6x1x300 (12) (Plana) ⊕ PH2x300 (12)
  - Exchangeable screwdriver ⊕ PH2 ⊖ 6x175 (12) (119125)
  - Exchangeable screwdriver ⊕ PH2 ⊖ 6x63 (12) (119130)
- \* With hexagonal driver and hexagonal shaft

Code	No. of Items	€	
<b>119052</b>	360	<b>1.946,26</b>	1

## Slotted tip insulated screwdriver

DIN 5265

CR-V STEEL

VDE Certificate

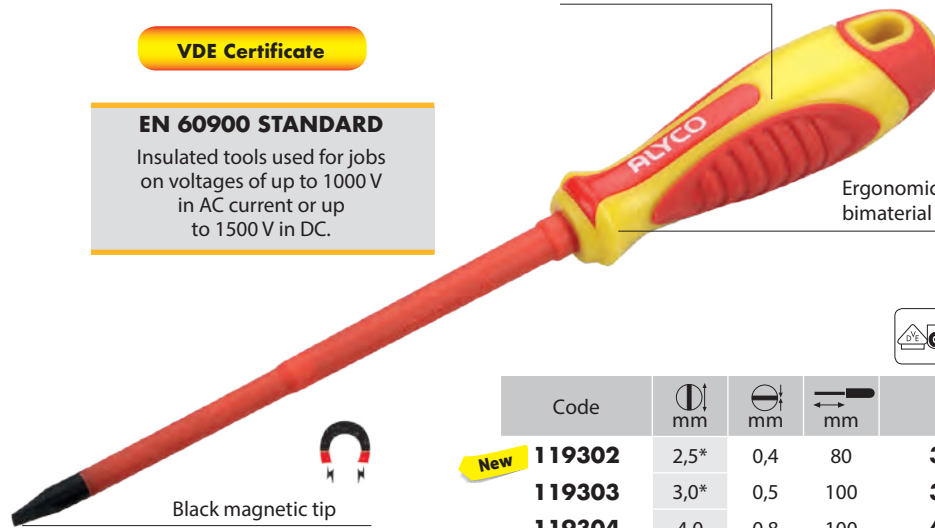
### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC current or up to 1500 V in DC.

### RECESSED BLADE



Better access in restricted spaces



Code	mm	mm	mm	€	
<b>New 119302</b>	2,5*	0,4	80	<b>3,15</b>	12
<b>119303</b>	3,0*	0,5	100	<b>3,35</b>	12
<b>119304</b>	4,0	0,8	100	<b>4,05</b>	12
<b>119305</b>	5,5	1,0	125	<b>5,48</b>	12
<b>119306</b>	6,5	1,2	150	<b>6,91</b>	12
<b>119308</b>	8,0	1,2	175	<b>9,08</b>	12

\* Measurement without recessed blade

## Phillips tip insulated screwdriver

DIN 5262

### RECESSED BLADE

CR-V STEEL

VDE Certificate



Code	+	mm	€	
<b>119310</b>	PH0*	75	<b>3,65</b>	12
<b>119311</b>	PH1	100	<b>4,53</b>	12
<b>119312</b>	PH2	100	<b>5,48</b>	12

\* Measurement without recessed blade

## Pozidrive tip insulated screwdriver

DIN 5262

### RECESSED BLADE

CR-V STEEL

VDE Certificate



Code	+	mm	€	
<b>119321</b>	PZ1	100	<b>5,04</b>	12
<b>119322</b>	PZ2	100	<b>6,09</b>	12

## Insulated socket tip screwdriver

CR-V STEEL

VDE Certificate



Code	mm	mm	€	
<b>119345</b>	5	125	<b>6,97</b>	10
<b>119344</b>	5,5	125	<b>6,97</b>	10
<b>119346</b>	6	125	<b>6,97</b>	10
<b>119347</b>	7	125	<b>7,12</b>	10
<b>119348</b>	8	125	<b>7,12</b>	10
<b>119349</b>	9	125	<b>7,54</b>	10
<b>119350</b>	10	125	<b>7,54</b>	10
<b>119351</b>	11	125	<b>8,36</b>	10
<b>119352</b>	12	125	<b>8,36</b>	10
<b>119353</b>	13	125	<b>8,60</b>	10



**New**

**Insulated screwdriver set in carton box**



**RECESSED BLADE**

**VDE Certificate**



**CONTENTS**  
 ⊖ 3x100\*, 4x100, 5'5x125, 6'5x150 mm  
 ⊕ PH0x75, PH1x100, PH2x100 mm  
 ⊖ Tester 3x140 mm  
 \* Not recessed blade

Code	No. of Items	€	
<b>119341</b>	8	<b>31,00</b>	1

**Insulated screwdriver set in plastic box**



Box dimensions: 255x185x48 mm



**RECESSED BLADE**

**VDE Certificate**



**CONTENTS**  
 ⊖ 3x100\*, 4x100, 5'5x100 mm  
 ⊕ PH1x100, PH2x100 mm  
 ⊕ PZ1x100, PZ2x100 mm  
 ⊖ Tester 3x140 mm  
 \* Not recessed blade

Code	No. of Items	€	
<b>119335</b>	8	<b>35,77</b>	1

**Insulated screwdriver set in carton box**

**RECESSED BLADE**



**VDE Certificate**



**CONTENTS**  
 ⊖ 3x100\*, 4x100, 5'5x125, 6'5x150 mm  
 ⊕ PH1x100, PH2x100 mm  
 \* Not recessed blade

Code	No. of Items	€	
<b>119330</b>	6	<b>30,35</b>	1

**Insulated screwdriver set in plastic blister**

**RECESSED BLADE**



**VDE Certificate**



**CONTENTS**  
 ⊖ 3x100\*, 4x100, 5'5x125, 6'5x150 mm  
 ⊕ PH1x100, PH2x100 mm  
 \* Not recessed blade

Code	No. of Items	€	
<b>119331</b>	6	<b>29,07</b>	1

## Phillips tip precision screwdriver

CR-V  
STEEL



### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC current or up to 1500 V in DC.

VDE Certificate



Code	Tip	Length mm	€	Items
<b>119365</b>	PH00	50	<b>3,50</b>	12
<b>119366</b>	PH0	50	<b>3,50</b>	12
<b>119367</b>	PH1	50	<b>3,50</b>	12

## Cabinet tip precision screwdriver

CR-V  
STEEL



VDE Certificate



Code	Tip	Length mm	€	Items
<b>119361</b>	1,5	50	<b>3,50</b>	12
<b>119362</b>	2,0	50	<b>3,50</b>	12
<b>119363</b>	2,5	50	<b>3,50</b>	12
<b>119364</b>	3,0	50	<b>3,50</b>	12

## Torx tip precision screwdriver

CR-V  
STEEL



VDE Certificate



Code	Tip	Length mm	€	Items
<b>119368</b>	T5	50	<b>3,50</b>	12
<b>119369</b>	T6	50	<b>3,50</b>	12
<b>119370</b>	T7	50	<b>3,50</b>	12
<b>119371</b>	T8	50	<b>3,50</b>	12
<b>119372</b>	T10	50	<b>3,50</b>	12
<b>119373</b>	T15	50	<b>3,50</b>	12

## Precision screwdriver set



VDE Certificate



### CONTENTS

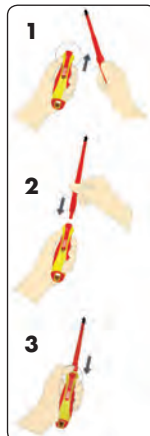
⊖ 1'5x50, 2'0x50, 3'0x50 mm  
⊕ PH00x50, PH0x50, PH1x50 mm

Code	No. of Items	€	Items
<b>119375</b>	6	<b>20,30</b>	1

**Insulated interchangeable screwdrivers set**



**RECESSED BLADE**



**VDE Certificate**



**CONTENTS**

- ⊖ 3x75\*, 4x100, 5'5x125, 6,5x150 mm
  - ⊕ PH0x75\*, PH1x100, PH2x100 mm
  - ⊕ PZ1x100, PZ2x100 mm
  - ⊖ Tester 3x140 mm
- \* Not recessed blade

Code	No. of Items	€	
<b>119332</b>	11	<b>37,20</b>	3

**Multimeter**



**INCLUDES:**



2 x AA

**FUNCTIONS:**

- Tension
- Intensity
- Resistance
- Diode
- Continuity

- Big screen LCD
- Roulette wheel for a easy selection
- Ergonomic design

Code	€	
<b>119339</b>	<b>25,40</b>	1

Display in case with hanger

**Tester 8 in 1**



L: 190 mm

**VOLTAGE TESTABLE** **6, 12, 24, 50, 110, 220 and 380 V** **6 V**

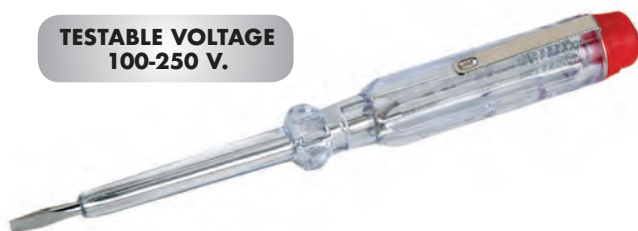
Code	€	
<b>119338</b>	<b>24,00</b>	1

Display with blister

**Tester**



**TESTABLE VOLTAGE 100-250 V.**



Code	mm	mm	€	
<b>193369</b>	3	140	<b>2,50</b>	24

**Tester 3 in 1**



L: 190 mm

**VOLTAGE TESTABLE** **110, 220 and 380 V** **150, 380 and 500 V**

Code	€	
<b>119336</b>	<b>10,20</b>	1

Display with blister





## 07 Sockets



**1/4"**  
sq. dr. socket

**139**



**3/8"**  
sq. dr. socket

**144**



**1/2"**  
sq. dr. socket

**146**



**Automotive**  
socket

**152**



**Insulated**  
socket

**154**



**3/4"**  
sq. dr. socket

**157**



**1"**  
sq. dr. socket

**158**



**Impact**  
socket

**159**

## 1/4" sq. dr. socket set

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 365x240x85 mm

### CONTENTS

1	Offset ratchet handle 192139	1	Flexible extension bar 150 mm	1	Socket holder 1/4"
13	Sockets 4 to 14 mm	2	Extension bars 50, 150 mm	1	Spinner handle 150 mm
6	Deep sockets 6, 7, 8, 10, 12, 13 mm	1	Universal joint	4	Hex keys 1.25, 1.5, 2, 2.5 mm
5	Torx sockets E-4, E-5, E-6, E-7, E-8	1	Coupler 1/4" M x 3/8" F	1	Magnetic bit holder 1/4"
21	Insert bit sockets				
6	3, 4, 5, 6, 7, 8 mm	3	4, 5.5, 7 mm	3	PH1, PH2, PH3
		3		3	PZ1, PZ2, PZ3
		6		6	T10, T15, T20, T25, T30, T40



Code	No. of Items	€	
<b>192187</b>	58	<b>63,20</b>	1

## 1/4" sq. dr. Socket set - inches

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 365x240x85 mm



### CONTENTS

1	Offset ratchet handle 192139	1	Flexible extension bar 150 mm	1	Magnetic bit holder 1/4"
11	Sockets 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"	2	Extension bars 50, 150 mm	1	Socket holder 1/4"
6	Deep sockets 1/4", 9/32", 5/16", 3/8", 7/16", 1/2"	1	Universal joint	1	Spinner handle 150 mm
5	Torx sockets E-4, E-5, E-6, E-7, E-8	1	Coupler 3/8" F x 1/4" M	4	Hex keys 1.25, 1.5, 2, 2.5 mm
21	Insert bit sockets				
6	3, 4, 5, 6, 7, 8 mm	3	4, 5.5, 7 mm	3	PH1, PH2, PH3
		3		3	PZ1, PZ2, PZ3
		6		6	T10, T15, T20, T25, T30, T40



Code	No. of Items	€	
<b>190295</b>	56	<b>70,36</b>	1

## 1/4" sq. dr. socket set

CR-V  
STEEL

Extending  
ratchet  
handle



Handy case



Box dimensions: 160x110x40 mm



### CONTENTS

1	Offset ratchet handle 192139	1	Bit holder 1/4"	1	Magnetic bit holder 1/4"
10	Sockets 4 to 13 mm	1	Extension bar 75 mm		
15	Insert bit sockets				
3	5, 6, 8 mm	3	4, 5.5, 6.5 mm	3	PH1, PH2, PH3
		3		3	PZ1, PZ2, PZ3
		6		6	T15, T20, T25



Code	No. of Items	€	
<b>192195</b>	29	<b>44,00</b>	6

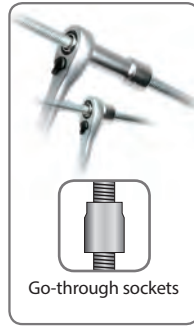


## 1/4" sq. dr. go-through socket set

CR-V  
STEEL



Box dimensions: 335x175x50 mm



### CONTENTS

Go-through contents	8	Go-through sockets 10 to 19 mm	1	Go-through extension bar 75 mm	
	1	1/4" ratchet adapter for go-through sockets			
1/4" sockets	13	Sockets 4 to 14 mm	1	Extension bar 50 mm	
	1	Bit holder 1/4"	1	Go-through ratchet handle 1/4"	
5/16" bits	20	Bits		1	Handle with ratchet mechanism
		4 3, 4, 5, 6, 6, mm	3 4, 5, 5, 7 mm	3 PH1, PH2, PH3	3 PZ1, PZ2, PZ3



Code	No. of Items	€	
<b>192182</b>	47	<b>70,87</b>	5

## 1/4" sq. dr. extendable ratchet handle

CR-V  
STEEL

Extending ratchet handle



- With reversor lever and quick release mechanism
- Length can be adjusted to 6 different lengths between 150 and 200 mm



Code	L mm	€	
<b>192139</b>	150/200	<b>23,67</b>	5

Display with hanger

## 1/4" sq. dr. metal ratchet handle

CR-V  
STEEL



- With reversor and quick release mechanism



Code	L mm	€	
<b>192138</b>	153	<b>18,00</b>	5

Display with hanger

## 1/4" sq. dr. Stubby ratchet handle

CR-V  
STEEL



- With reversor and quick release mechanism



Code	L mm	€	
<b>192136</b>	112	<b>14,91</b>	5

Display with hanger

## 1/4" sq. dr. Dual ratchet

CR-V  
STEEL



- 1 For using with 1/4" dr. sockets
- 2 For using with 1/4" bits.

- With reverse lever



Code	L mm	€	
<b>192133</b>	112	<b>15,84</b>	5

Display with hanger

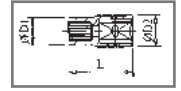


## 1/4" sq. dr. socket

DIN  
3124

CR-V  
STEEL

• Satin finish



Code	mm	L mm	D1 mm	D2 mm	€	
192101	4	25	6,8	11,9	1,74	10
192102	4,5	25	7,1	11,9	1,74	10
192103	5	25	8	11,9	1,74	10
192104	5,5	25	8,3	11,9	1,74	10
192105	6	25	9,3	11,9	1,74	10
192106	7	25	10,5	11,9	1,74	10
192107	8	25	11,9	11,9	1,74	10
192108	9	25	12,9	12,9	1,74	10
192109	10	25	13,9	13,9	1,88	10
192110	11	25	15,8	15,8	1,88	10
192111	12	25	16,8	16,8	1,98	10
192112	13	25	17,8	17,8	2,59	10
192113	14	25	17,5	17,8	2,73	10

Code	mm	L mm	D1 mm	D2 mm	€	
190250	5/32"	21	6,9	11,9	1,74	1
190252	3/16"	21	7,5	11,9	1,74	1
190254	7/32"	21	8,1	11,9	1,74	1
190256	1/4"	21	9,9	11,9	1,74	1
190258	9/32"	21	11,9	11,9	1,74	1
190260	5/16"	21	11,9	11,9	1,74	1
190262	11/32"	21	12,9	12,9	1,74	1
190264	3/8"	21	13,9	13,9	1,88	1
190266	7/16"	21	16,2	16,2	1,88	1
190268	1/2"	21	18,9	18,9	1,92	1
190270	9/16"	21	19,9	19,9	2,59	1

## 1/4" sq. dr. socket in plastic rack



### CONTENTS

Sockets of 4, 4'5, 5, 5'5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm

Code	No. of Items	€	
192119	13	19,60	1

## 1/4" sq. dr. deep socket

DIN  
3124

CR-V  
STEEL

LONG SERIES

• Satin finish



Code	mm	L mm	D1 mm	D2 mm	€	
192120	6	50	9,3	11,9	3,44	10
192121	7	50	10,5	11,9	3,44	10
192122	8	50	11,9	11,9	3,44	10
192124	10	50	14,5	14,5	3,44	10
192126	12	50	16,8	16,8	3,65	10
192127	13	50	17,8	17,8	3,92	10

Code	mm	L mm	D1 mm	D2 mm	€	
190280	1/4"	50	10,3	11,9	3,44	1
190282	9/32"	50	10,6	11,9	3,44	1
190284	5/16"	50	11,9	11,9	3,44	1
190286	3/8"	50	14,7	14,7	3,44	1
190288	7/16"	50	16,5	16,5	3,65	1
190290	1/2"	50	17,9	17,9	3,92	1

## 1/4" sq. dr. torx socket (E-type)

CR-V  
STEEL

• Satin finish



Code		L mm	€	
192114	E4	27	2,21	10
192115	E5	27	2,21	10
192116	E6	27	2,21	10
192117	E7	27	2,21	10
192118	E8	27	2,21	10

## 1/4" sq. dr. insert bit socket



Code	Ø mm	mm	€	
192014	4	0,8	2,84	10
192015	5,5	1	2,84	10
192016	6,5	1,2	2,84	10
192018	8	1,2	2,84	10

Code	mm	€	
192003	3	2,84	10
192004	4	2,84	10
192005	5	2,84	10
192006	6	2,84	10
192008	8	2,84	10

Code		€	
192040	T6	3,12	10
192041	T7	3,12	10
192042	T8	3,12	10
192043	T9	3,12	10
192044	T10	3,12	10
192045	T15	3,12	10
192046	T20	3,12	10
192047	T25	3,12	10
192039	T27	3,12	10 <span style="background-color: yellow;">New</span>
192048	T30	3,12	10
192049	T40	3,12	10

CR-V  
STEEL

LENGTH  
37 MM

Code		€	
192021	PH1	2,84	10
192022	PH2	2,84	10
192023	PH3	2,84	10

Code		€	
192031	PZ1	2,84	10
192032	PZ2	2,84	10
192033	PZ3	2,84	10

Code		€	
192064	M4	2,84	10
192065	M5	2,84	10
192066	M6	2,84	10
192068	M8	2,84	10

Code		€	
192051	T6	4,10	10
192052	T7	4,10	10
192053	T8	4,10	10
192054	T9	4,10	10
192055	T10	4,10	10
192056	T15	4,10	10
192057	T20	4,10	10
192058	T25	4,10	10
192059	T30	4,10	10
192060	T40	4,10	10

## 1/4" sq. dr. insert bit socket set on metal rack



### CONTENTS

- 3, 4, 5, 6, 8 mm
- ⊕ PH1, PH2, PH3
- 0'8x4, 1x5'5, 1'2x6'5, 1'2x8 mm

Code	No. of Items	€	
192050	12	28,70	1

## 1/4" sq. dr. socket displayer



### CONTENTS

- 120** 1/4" sockets (10 units each size)  
192101, 192102, 192103, 192104, 192105, 192106, 192107, 192108, 192109, 192110, 192111, 192112
- 130** 1/4" Dr. insert bit sockets (10 units each size)  
192021, 192022, 192003, 192004, 192005, 192006, 192008, 192014, 192015, 192016, 192122, 192124, 192127

Code	No. of Items	€	
192100	250	615,00	1

## Accessories for 1/4" sockets

CR-V  
STEEL

• Satin finish

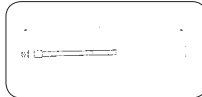


### 1/4" sq. dr. spinner handle

DIN  
3122



### 1/4" sq. dr. flexible spinner handle

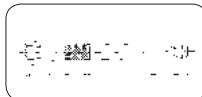


### 1/4" sq. dr. extension bar

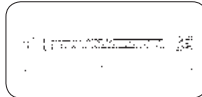
DIN  
3123



With external hexagon

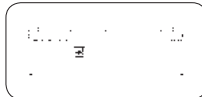


### 1/4" sq. dr. flexible extension bar



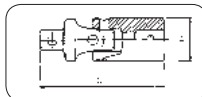
### 1/4" sq. dr. sliding T handle

DIN  
3123



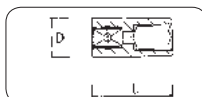
### 1/4" sq. dr. universal joint

DIN  
3123



### 1/4" sq. dr. bit holder for 1/4" bits

DIN  
3121



### 1/4" F x 3/8" M coupler

DIN  
3123



Code	L mm	€	
<b>192145</b>	150	<b>6,43</b>	6

Code	L mm	€	
<b>192155</b>	200	<b>11,98</b>	6

Only for clockwise tightening. With external hexagon

Code	L mm	€	
<b>192160</b>	50	<b>4,06</b>	6
<b>192161</b>	75	<b>5,80</b>	6
<b>192162</b>	100	<b>6,16</b>	6
<b>192163</b>	150	<b>7,21</b>	6

Code	L mm	€	
<b>192150</b>	150	<b>9,57</b>	6

Only for clockwise tightening. With external hexagon

Code	L mm	€	
<b>192164</b>	100	<b>6,46</b>	6

Code	L mm	D mm	€	
<b>192165</b>	40	14	<b>9,00</b>	10

Code	L mm	D mm	€	
<b>192170</b>	25	12	<b>3,00</b>	10

Spring locking of bits

Code	Female	Male	€	
<b>192605</b>	1/4"	3/8"	<b>3,20</b>	10



## 3/8" sq. dr. socket set

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 365x240x85 mm

### CONTENTS

1	Offset ratchet handle 192244	2	Extension bars 75, 125 mm	1	Socket holder 3/8"
14	Sockets 8 to 22 mm	1	Universal joint	1	Bit holder for 1/4" bits
6	Deep sockets 8, 10, 12, 13, 17, 19 mm	1	Coupler 3/8" M x 1/2" F		
2	Spark plug sockets 16, 21 mm	1	Magnetic bit holder 1/4"		
24	Bits 1/4"				

WITH ADAPTERS FOR  
POWER TOOL  
AND PNEUMATIC

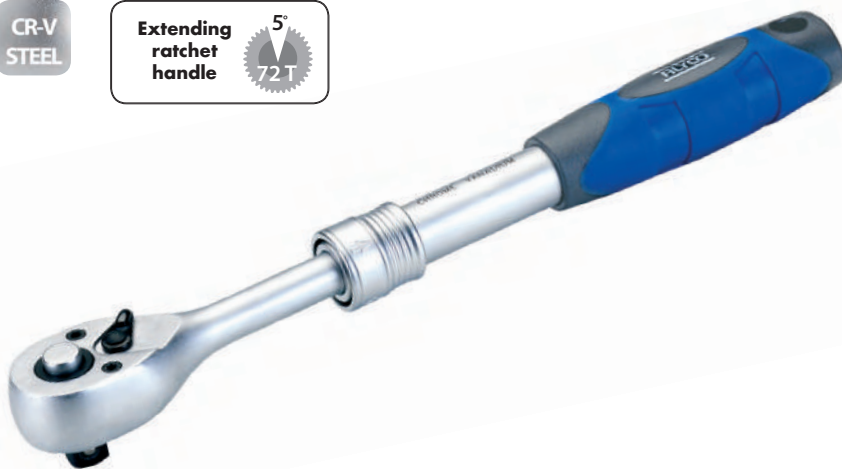


Code	No. of Items	€	
192287	54	92,50	1

## 3/8" sq. dr. extendable ratchet handle

CR-V  
STEEL

Extending  
ratchet  
handle



- Reversible and quick release ratchet handle
- Bimaterial ergonomic handle
- Length can be adjusted to 6 different lengths between 215 and 315 mm



Code	L mm	€	
192244	215/315	29,00	5

Display with hanger

## 3/8" sq. dr. metal ratchet handle

CR-V  
STEEL



- Quick release and reversor



Code	L mm	€	
192243	202	23,00	5

Display with hanger

## 3/8" sq. dr. stubby ratchet handle

CR-V  
STEEL



Code	L mm	€	
192246	140	18,68	5

Display with hanger

## 3/8" sq. dr. socket

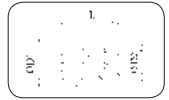
CR-V  
STEEL

DIN  
3124

REGULAR TYPE



Satin finish



Code	mm	L mm	D1 mm	D2 mm	€	
192208	8	28	11,8	16,8	2,30	10
192209	9	28	13,2	16,8	2,36	10
192210	10	28	14,5	16,8	2,46	10
192211	11	28	15,7	16,8	2,52	10
192212	12	28	16,8	16	2,54	10
192213	13	28	17,8	16,5	2,60	10
192214	14	28	19,6	17	2,78	10
192215	15	28	20,8	18	2,88	10
192216	16	30	21,8	19	3,02	10
192217	17	30	23,4	20	3,19	10
192218	18	30	24,6	21	3,26	10
192219	19	30	25,8	23	3,38	10
192221	21	32	27,8	25	3,52	10
192222	22	32	29,6	26	3,62	10



DEEP TYPE



Code	mm	L mm	D1 mm	D2 mm	€	
192228	8	63	11,8	16,9	3,91	10
192230	10	63	14,5	16,9	3,92	10
192232	12	63	16,9	16	4,07	10
192233	13	63	17,9	16,5	4,15	10
192237	17	63	23,4	20	4,97	10
192239	19	63	25,8	23	5,24	10

## 3/8" sockets in plastic rack



CONTENTS

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 mm



Code	No. of Items	€	
192225	11	23,10	1

## 3/8" extension bar



With external hexagon

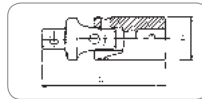


Code	L mm	€	
192250	75*	9,37	6
192255	75	6,68	6
192260	150	8,27	6

\* Wobble extension bar (rounded drive of 3/8")

## 3/8" universal joint

DIN  
3123



Code	L mm	D mm	€	
192265	54	16	11,00	6

## 3/8" coupler

DIN  
3123



Code	Female	Male	€	
192610	3/8"	1/4"	4,50	10
192615	3/8"	1/2"	5,90	10

• With hole for extension bars

## 3/8" spark plug socket



Code	mm	€	
192275	16	6,44	6
192276	21	8,95	6

## 3/8" bit holder

DIN  
3123



For ratchet 3/8"  
For tips 1/4"



For ratchet 3/8"  
For tips 3/8"



Code	for bits	€	
192270	1/4"	5,00	6
186185	3/8"	5,72	6

## 1/2" - 1/4" - 3/8" sq. dr. socket set

CR-V  
STEEL

Extending ratchet handle 1/2" and 3/8"



BOX WITH METAL CLOSURES AND HINGES



Box dimensions: 440x370x110 mm

### CONTENTS 1/2"

- 17 Sockets 10 to 32 mm
- 5 Deep sockets 14, 15, 17, 19, 22 mm
- 3 Torx sockets E20, E22, E24
- 1 Universal joint
- 2 Spark plug sockets 16, 21 mm
- 1 Offset ratchet handle 192344
- 1 Bit holder 5/16"
- 2 Extension bars 125, 250 mm

### CONTENTS 3/8"

- 10 Sockets 10 to 19 mm
- 6 Deep sockets 10, 11, 12, 13, 14, 15 mm
- 5 Torx sockets E10, E12, E14, E16, E18
- 1 Universal joint
- 1 Spark plug sockets 16 mm
- 1 Offset ratchet handle
- 1 Bit holder 1/4"
- 2 Extension bars 75, 150 mm
- 10 Insert bit sockets
  - 5 6, 7, 8, 9, 10 mm
  - 5 T45, T47, T50, T55, T60

### CONTENTS 1/4"

- 13 Sockets 4 to 14 mm
- 7 Deep sockets 4, 5, 6, 7, 8, 9, 10 mm
- 5 Torx sockets E4, E5, E6, E7, E8
- 30 Insert bit sockets
  - 5 3, 4, 5, 6, 7 mm
  - 6 3, 4, 4.5, 5, 5.5, 6, 6.5, 7 mm
  - 4 PH0, PH1, PH2, PH3
  - 4 PZ0, PZ1, PZ2, PZ3
  - 9 T8, T9, T10, T15, T20, T25, T27, T30, T40
- 21 Bits 5/16"
  - 7 4, 5, 6, 7, 8, 10, 12 mm
  - 2 PH2, PH3
  - 7 T20, T25, T30, T40, T45, T50, T55
  - 5 M5, M6, M8, M10, M12
- 5 Hexagonal keys 1.25, 1.5, 2, 2.5, 3 mm



Code	No. of Items	€	
<b>192386</b>	155	<b>255,35</b>	2

## 1/4" y 1/2" sq. dr. socket set

CR-V  
STEEL

Extending ratchet handle 1/4" and 1/2"



BOX WITH METAL CLOSURES AND HINGES



Box dimensions: 365x240x85 mm

### CONTENTS 1/2"

- 13 Sockets 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32 mm
- 1 Offset ratchet handle 192344
- 2 Extension bars 125, 250 mm
- 1 Bit holder 5/16"
- 1 Coupler 3/8" F x 1/2" M
- 1 Socket holder 1/2"

### CONTENTS 1/4"

- 12 Sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1 Offset ratchet handle 192139
- 12 Insert bit sockets
  - 2 4, 5 mm
  - 2 PH1, PH2
  - 5 T15, T20, T25, T27, T30
  - 3 4, 5, 6 mm
- 12 Bits 5/16"
  - 2 7, 8 mm
  - 2 PH3, PH4
  - 5 T40, T45, T50, T55, T60
  - 3 8, 10, 12 mm
- 5 Hexagonal keys 1'25, 1'5, 2, 2'5, 3 mm



Code	No. of Items	€	
<b>192389</b>	66	<b>126,86</b>	1



## 1/2" sq. dr. socket set

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 365x240x85 mm

WITH ADAPTERS FOR  
POWER AND  
PNEUMATIC TOOLS

### CONTENTS

- 1 Offset ratchet handle 192344
- 16 Sockets 10 to 32 mm
- 2 Extension bars 125, 250 mm
- 24 Bits 5/16"
- 6 4, 5, 6, 8, 10, 12 mm
- 4 5.5, 7, 8, 10 mm
- 4 PH1, PH2, PH3, PH4
- 4 PZ1, PZ2, PZ3, PZ4
- 6 T30, T40, T45, T50, T55, T60
- 1 Universal joint
- 1 Coupler 3/8" F x 1/2" M
- 1 Magnetic bit holder 5/16"
- 1 Socket holder 1/2"
- 1 Bit holder 5/16"



Code	No. of Items	€	
<b>192384</b>	48	<b>104,78</b>	1

## 1/2" sq. dr. socket set - inches

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 365x240x85 mm



WITH ADAPTERS FOR  
POWER AND  
PNEUMATIC TOOLS

### CONTENTS

- 1 Offset ratchet handle 192344
- 15 Sockets 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4"
- 24 Bits 5/16"
- 6 4, 5, 6, 8, 10, 12 mm
- 4 5.5, 7, 8, 10 mm
- 4 PH1, PH2, PH3, PH4
- 4 PZ1, PZ2, PZ3, PZ4
- 5 T30, T40, T45, T50, T55, T60
- 1 Universal joint
- 1 Coupler 3/8" F x 1/2" M
- 1 Magnetic bit holder 5/16"
- 2 Extension bar 125, 250 mm
- 1 Socket holder 1/2"
- 1 Bit holder 5/16"



Code	No. of Items	€	
<b>190240</b>	47	<b>104,78</b>	1

## 1/2" sq. dr. socket set

CR-V  
STEEL

Extending  
ratchet  
handle



Box dimensions: 330x160x60 mm

BOX WITH METAL  
CLOSURES AND HINGES

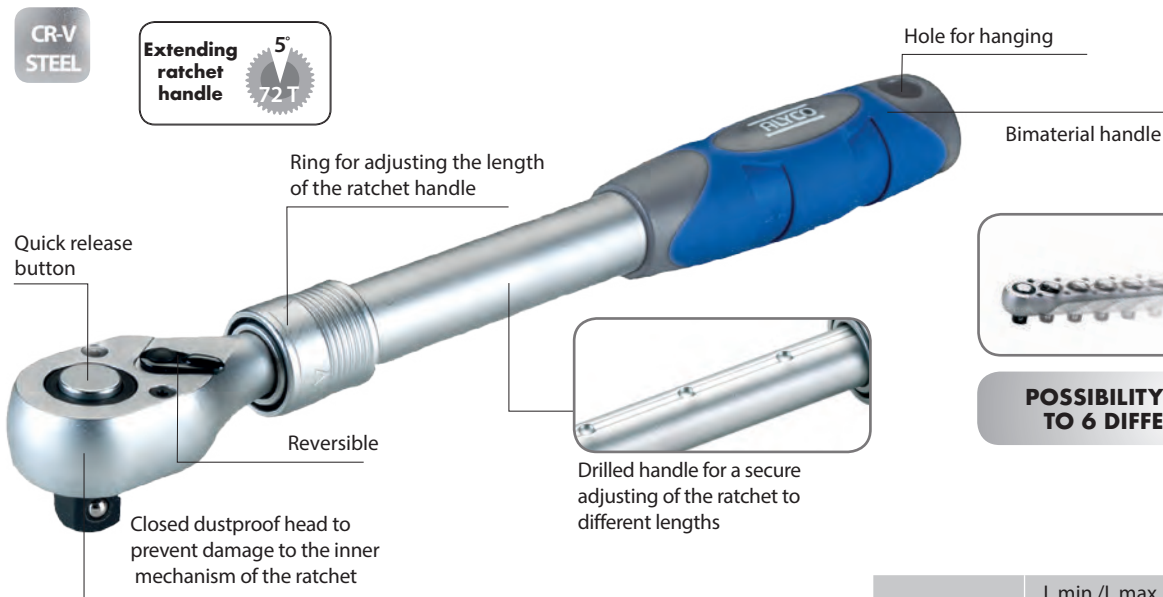
### CONTENTS

- 10 Sockets 10 to 19 mm
- 1 Extension bar 125 mm
- 25 Bits 5/16"
- 7 4, 5, 6, 7, 8, 10, 12 mm
- 3 5.5, 6.5, 8 mm
- 3 PH1, PH2, PH3
- 3 PZ1, PZ2, PZ3
- 9 T10, T15, T20, T25, T30, T40, T45, T50, T55
- 1 Bit holder 5/16"
- 1 Offset ratchet handle 192344



Code	No. of Items	€	
<b>192383</b>	38	<b>68,93</b>	1

## 1/2" sq. dr. extendable ratchet handle



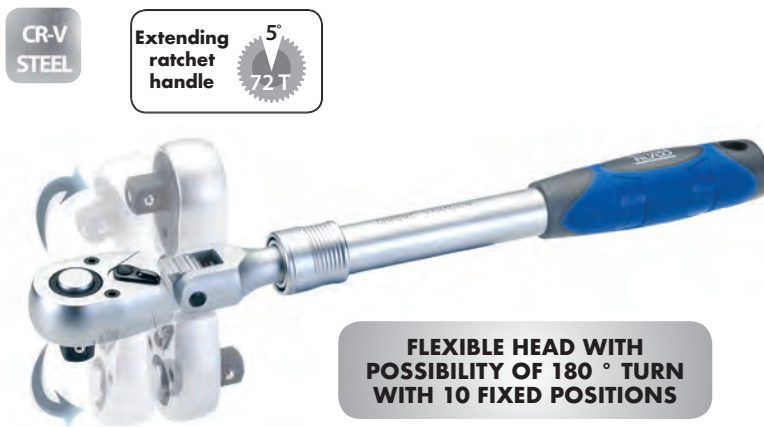
**POSSIBILITY TO SET RATCHET TO 6 DIFFERENT LENGTHS**



Code	L min./L max mm	€	
<b>192344</b>	302/442	<b>41,31</b>	3

Display with hanger

## 1/2" sq. dr. flexible extendable ratchet handle



**POSSIBILITY TO SET RATCHET TO 6 DIFFERENT LENGTHS**

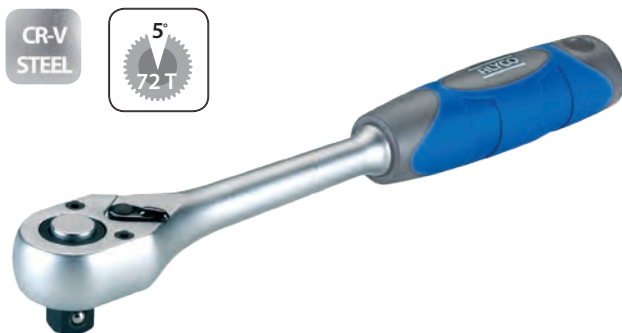
Same characteristics as the ratchet 192344



Code	L min./L max mm	€	
<b>192347</b>	302/442	<b>46,66</b>	3

Display with hanger

## 1/2" sq. dr. metal ratchet handle



• With reversor and quick release



Code	L mm	€	
<b>192343</b>	270	<b>28,00</b>	3

Display with hanger

## 1/2" stubby ratchet handle



• With reversor and quick release



Code	L mm	€	
<b>192348</b>	174	<b>22,13</b>	3

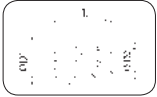
Display with hanger

## 1/2" sq. dr. socket

DIN  
3124



CR-V  
STEEL



• Satin finish

Code	Ø mm	L mm	€		Code	Ø mm	L mm	€	
192308	8	38	2,38	10	192320	20	38	4,08	10
192310	10	38	2,76	10	192321	21	38	4,08	10
192311	11	38	2,81	10	192322	22	38	4,32	10
192312	12	38	2,96	10	192323	23	40	4,43	10
192313	13	38	3,08	10	192324	24	42	4,66	10
192314	14	38	3,35	10	192325	25	42	4,76	10
192315	15	38	3,40	10	192326	26	42	4,91	10
192316	16	38	3,44	10	192327	27	43	5,07	10
192317	17	38	3,57	10	192328	28	46	5,15	5
192318	18	38	3,57	10	192329	29	46	5,25	5
192319	19	38	3,68	10	192330	30	46	5,66	5
					192332	32	46	5,77	5



Code	Ø	L mm	€		Code	Ø	L mm	€	
190202	3/8"	38	2,76	1	190216	13/16"	38	4,08	1
190204	7/16"	38	2,81	1	190218	7/8"	38	4,32	1
190206	1/2"	38	2,96	1	190220	15/16"	38	4,43	1
190208	9/16"	38	3,35	1	190222	1"	41	4,66	1
190210	5/8"	38	3,43	1	190224	1-1/16"	42	5,08	1
190212	11/16"	38	3,57	1	190226	1-1/8"	42	5,27	1
190214	3/4"	38	3,68	1	190228	1-3/16"	44	5,66	1
					190230	1-1/4"	44	5,77	1

## 1/2" sq. dr. deep socket

DIN  
3124



CR-V  
STEEL

DEEP TYPE



Code	Ø mm	L mm	€		Code	Ø mm	L mm	€	
New 190498	8	77	7,15	5	192511	20	77	8,48	5
192501	10	77	7,26	5	192512	21	77	8,48	5
192502	11	77	7,36	5	192513	22	77	9,45	5
192503	12	77	7,36	5	New 190523	23	77	9,60	5
192504	13	77	7,51	5	192514	24	77	9,86	5
192505	14	77	8,28	5	New 190525	25	77	10,00	5
192506	15	77	8,28	5	New 190526	26	77	10,30	5
192507	16	77	8,28	5	192515	27	77	10,51	3
192508	17	77	8,28	5	New 190528	28	77	11,20	3
192509	18	77	8,28	5	New 190529	29	77	11,80	3
192510	19	77	8,28	5	192516	30	77	12,05	3
					192517	32	77	13,05	3

## 1/2" sq. dr. bihexagonal socket

DIN  
3124



CR-V  
STEEL



Code	Ø mm	L mm	€		Code	Ø mm	L mm	€	
New 190408	8	38	2,75	10	190420	20	38	4,08	10
190410	10	38	2,77	10	190421	21	38	4,08	10
190411	11	38	2,81	10	190422	22	38	4,32	10
190412	12	38	2,96	10	190423	23	40	4,43	10
190413	13	38	3,07	10	190424	24	42	4,66	10
190414	14	38	3,35	10	New 190425	25	42	4,80	10
190415	15	38	3,40	10	New 190426	26	43	4,95	10
190416	16	38	3,44	10	190427	27	43	5,06	10
190417	17	38	3,57	10	New 190428	28	43	5,25	5
190418	18	38	3,57	10	New 190429	29	46	5,50	5
190419	19	38	3,68	10	190430	30	46	5,66	5
					190432	32	46	5,77	5



## 1/2" sq. dr. bihexagonal socket

DIN 3124



CR-V STEEL

**New**



DEEP TYPE



Code	Ø mm	L mm	€	
190678	8	77	7,15	5
190680	10	77	7,26	5
190681	11	77	7,36	5
190682	12	77	7,36	5
190683	13	77	7,51	5
190684	14	77	8,28	5
190685	15	77	8,28	5
190686	16	77	8,28	5
190687	17	77	8,28	5
190688	18	77	8,28	5
190689	19	77	8,28	5

Code	Ø mm	L mm	€	
190690	20	77	8,48	5
190691	21	77	8,48	5
190692	22	77	9,45	5
190693	23	77	9,60	5
190694	24	77	9,86	5
190695	25	77	10,00	5
190696	26	77	10,30	5
190697	27	77	10,51	5
190698	28	77	11,20	5
190699	29	77	11,80	5
190700	30	77	12,05	5
190702	32	77	13,05	5

## 1/2" sq. dr. Torx socket (E-type)

CR-V STEEL



• Satin finish

Code		L mm	€	
192294	E10	38	4,11	4
192295	E12	38	4,11	4
192296	E14	38	4,11	4
192297	E16	38	4,26	4
192298	E18	38	4,26	4
192299	E20	38	4,58	4
192300	E24	38	5,06	4

## 1/2" sq. dr. Sockets in plastic rack



REGULAR TYPE



DEEP TYPE

192518 (6 points)  
190703 (12 points)



### CONTENTS

- 192333 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 192334 17, 19, 20, 21, 22, 24, 27, 30, 32 mm

Code	No. of Items	€	
192333	10	26,60	1
192334	9	30,10	1

### CONTENTS

10, 11, 13, 14, 15, 16, 17, 19, 21, 22 mm

Code	No. of Items	€	
192518	10	65,10	1
190703	10	65,10	1

### CONTENTS

10, 11, 13, 14, 15, 16, 17, 19, 21, 22 mm

Code	No. of Items	€	
190433	10	28,80	1

## 1/2" sq. dr. socket displayer



Displayer length: 770 mm

### CONTENTS

- 150** 1/2" dr. sockets (10 units of each size)  
192310, 192311, 192312, 192313, 192314, 192315, 192316,  
192317, 192318, 192319, 192320, 192321, 192322, 192323,  
192324
- 40** 1/2" dr. sockets (5 units of each size)  
192327, 192330, 192332,  
192501, 192504, 192508, 192510, 192514 (long)
- 1 socket displayer
- 23 metal dividers

Code	No. of Items	€	
192305	190	895,00	1

## Accessories for 1/2" sockets

CR-V  
STEEL

• Chromed satin finish

1/2"

### 1/2" hinged handle



The joint can be wivelled to different angles between 0° and 180°

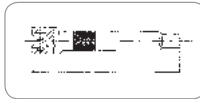
Code	L mm	€	
<b>192362</b>	385	<b>23,00</b>	1

### 1/2" extension bar

DIN  
3123



With external hexagon



Code	L mm	€	
<b>192352</b>	75	<b>5,10</b>	6
<b>192355</b>	125	<b>5,94</b>	6
<b>192356</b>	150	<b>6,62</b>	6
<b>192358</b>	250	<b>9,78</b>	6

### 1/2" locking extension bar



#### INSTRUCTIONS FOR USE



Retract the knurled ring for unlocking. Socket can be removed.



When the knurled ring is down the extension bar is locked. Socket cannot be removed.

Code	L mm	€	
<b>192359</b>	125	<b>9,21</b>	5

This system allows a security holding between socket and extension bar.

### 1/2" sliding T handle

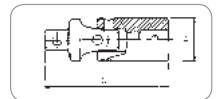
DIN  
3122



Code	L mm	€	
<b>192360</b>	250	<b>12,28</b>	6

### 1/2" universal joint

DIN  
3123



Code	L mm	€	
<b>192365</b>	73,5	<b>10,00</b>	6

### 1/2" coupler

DIN  
3123



Code	Female	Male	€	
<b>192620</b>	1/2" *	3/8"	<b>6,00</b>	10
<b>192625</b>	1/2"	3/4"	<b>9,50</b>	10

With hole for using as T-handle

### 1/2" bit holder

DIN  
3121



For 1/2" ratchet  
For 5/16"



For 1/2" ratchet  
For 3/8"

Code	for bits	€	
<b>192363</b>	5/16"	<b>5,00</b>	4
<b>186187</b>	3/8"	<b>4,00</b>	6

## 1/2" sq. dr. hexagonal insert bit socket

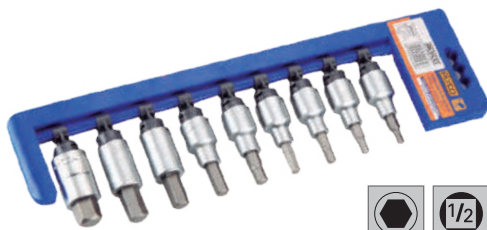
DIN 3121

CR-V STEEL



Code	mm	L mm	€	
192405	5	55	6,13	10
192406	6	55	6,13	10
192407	7	55	6,24	10
192408	8	55	6,30	10
192409	9	55	6,34	10
192410	10	55	6,37	10
192412	12	55	6,57	10
192414	14	55	7,30	10
192417	17	55	9,37	10

## 1/2" socket set



### CONTENTS

5, 6, 7, 8, 9, 10, 12, 14, 17 mm

Code	L mm	€	
192470	9	50,00	1

## 1/2" Torx insert bit socket

DIN 3121

CR-V STEEL



Code		L mm	€	
190720	T20	55	7,17	10
190725	T25	55	7,19	10
190727	T27	55	7,25	10
190730	T30	55	7,28	10
190740	T40	55	7,31	10
190745	T45	55	7,42	10
190750	T50	55	7,88	10
190755	T55	55	7,91	10
190760	T60	55	8,07	10

## 1/2" Torx tapered insert bit socket

DIN 3121

CR-V STEEL



Code		L mm	€	
192420	T20	55	7,17	10
192425	T25	55	7,19	10
192427	T27	55	7,25	10
192430	T30	55	7,28	10
192440	T40	55	7,31	10
192445	T45	55	7,42	10
192450	T50	55	7,88	10
192455	T55	55	7,91	10
192460	T60	55	8,07	10

## 1/2" insert bit socket set



### CONTENTS

T20, T25, T27, T30, T40, T45, T50, T55, T60

Code	L mm	€	
192480	9	54,00	1

## 1/2" Torx insert bit socket set



### CONTENTS

T20, T25, T27, T30, T40, T45, T50, T55, T60

Code	L mm	€	
190765	9	54,00	1



## 1/2" insert bit socket, XZN

DIN  
3120



CR-V  
STEEL



Code		L mm	€	
<b>192481</b>	M6	55	<b>8,05</b>	10
<b>192482</b>	M8	55	<b>8,21</b>	10
<b>192483</b>	M10	55	<b>8,47</b>	10
<b>192484</b>	M12	55	<b>9,04</b>	10
<b>192485</b>	M14	55	<b>9,37</b>	10
<b>192486</b>	M16	55	<b>10,46</b>	10

## 1/2" insert bit socket, RIBE

DIN  
3120



CR-V  
STEEL



Code		L mm	€	
<b>190767</b>	M7	55	<b>6,24</b>	10
<b>190770</b>	M10	55	<b>6,30</b>	10
<b>190774</b>	M14	55	<b>6,34</b>	10
<b>190776</b>	M16	55	<b>9,37</b>	10

## 1/2" insert bit socket, Hex long

DIN  
3121



CR-V  
STEEL



Code		L mm	€	
<b>190705</b>	5	100	<b>6,13</b>	10
<b>190706</b>	6	100	<b>6,13</b>	10
<b>190707</b>	7	100	<b>6,24</b>	10
<b>190708</b>	8	100	<b>6,30</b>	10
<b>190710</b>	10	100	<b>6,34</b>	10
<b>190712</b>	12	100	<b>9,37</b>	10

## 1/2" insert bit socket, Torx long

DIN  
3121



CR-V  
STEEL



Code		L mm	€	
<b>190741</b>	T40	100	<b>6,13</b>	10
<b>190746</b>	T45	100	<b>6,24</b>	10
<b>190751</b>	T50	100	<b>6,30</b>	10
<b>190756</b>	T55	100	<b>6,34</b>	10
<b>190761</b>	T70	100	<b>9,37</b>	10

## 1/2" insert bit socket, XZN long

DIN  
3121



CR-V  
STEEL



Code		L mm	€	
<b>192475</b>	M6	100	<b>6,24</b>	10
<b>192476</b>	M8	100	<b>6,30</b>	10
<b>192477</b>	M10	100	<b>6,34</b>	10
<b>192478</b>	M12	100	<b>9,37</b>	10

## 1/2" insert bit socket, RIBE long

DIN  
3121



CR-V  
STEEL



Code		L mm	€	
<b>190768</b>	M7	100	<b>8,05</b>	10
<b>190771</b>	M10	100	<b>8,21</b>	10
<b>190775</b>	M14	100	<b>8,47</b>	10
<b>190777</b>	M16	100	<b>10,46</b>	10

## 1/4" insulated socket set

CR-V  
STEEL



### VDE Certificate

#### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC current or up to 1500 V in DC.



#### CONTENTS

- 10 1/4" insulated sockets 5 to 14 mm.
- 2 Insulated extension bars 100, 150 mm
- 4 1/4" insulated socket hex tip 3 to 6 mm.
- 1 Insulated T handle 125 mm
- 1 Insulated ratchet handle

Code	No. of Items	€	
190302	18	239,00	1

## Insulated 1/4" sq. dr. ratchet handle



### VDE Certificate



- Handle and body covered with insulating material
- Reversible and quick release ratchet handle
- Bimaterial ergonomic handle



Code	L mm	€	
190390	150	49,00	1

## Insulated 1/4" sq. dr. socket



### VDE Certificate



Code	mm	L mm	€	
190365	5	40	4,98	1
190366	6	40	4,98	1
190367	7	40	4,98	1
190368	8	40	4,98	1
190369	9	40	4,98	1
190370	10	40	4,98	1
190371	11	40	5,08	1
190372	12	40	5,12	1
190373	13	40	5,19	1
190374	14	40	5,21	1

Code	mm	L mm	€	
190383	3	55	6,01	1
190384	4	55	6,01	1
190385	5	55	6,01	1
190386	6	55	6,01	1

## Insulated extension bar



190392



190391

### VDE Certificate



Code	Type	L mm	€	
190392	EXTENSION	100	16,83	1
190393	EXTENSION	150	18,89	1
190391	T HANDLE	125	29,20	1

## Insulated 1/2" socket set

CR-V  
STEEL



## VDE Certificate

### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC current or up to 1500 V in DC.



### CONTENTS

<b>11</b>	1/2" insulated sockets 10 to 32 mm.	<b>2</b>	Insulated extension bars 125, 250 mm	<b>1</b>	Insulated ratchet handle
<b>5</b>	1/2" insulated sockets hex tip 4 to 10 mm.	<b>1</b>	Insulated T handle		

Code	No. of Items	€	
<b>190300</b>	20	<b>365,00</b>	1

## Insulated 1/2" sq. dr. ratchet handle



## VDE Certificate



- Handle and body covered with insulating material
- Reversible and quick release ratchet handle
- Bimaterial ergonomic handle

Code	L mm	€	
<b>190305</b>	250	<b>75,00</b>	1

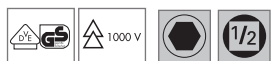
## Insulated 1/2" sq. dr. socket



## VDE Certificate



	Code	mm	L mm	€			Code	mm	L mm	€	
<b>New</b>	<b>190308</b>	8	55	<b>7,41</b>	3	<b>New</b>	<b>190318</b>	18	57	<b>7,80</b>	3
	<b>190310</b>	10	55	<b>7,41</b>	3	<b>New</b>	<b>190319</b>	19	57	<b>7,95</b>	3
	<b>190311</b>	11	55	<b>7,41</b>	3	<b>New</b>	<b>190320</b>	20	57	<b>8,50</b>	3
	<b>190312</b>	12	55	<b>7,41</b>	3	<b>New</b>	<b>190321</b>	21	57	<b>8,50</b>	3
	<b>190313</b>	13	55	<b>7,41</b>	3		<b>190322</b>	22	57	<b>8,77</b>	3
	<b>190314</b>	14	55	<b>7,41</b>	3		<b>190324</b>	24	57	<b>9,40</b>	3
<b>New</b>	<b>190315</b>	15	55	<b>7,75</b>	3		<b>190327</b>	27	59	<b>11,79</b>	2
<b>New</b>	<b>190316</b>	16	55	<b>7,75</b>	3	<b>New</b>	<b>190330</b>	30	59	<b>12,90</b>	2
	<b>190317</b>	17	55	<b>7,75</b>	3		<b>190332</b>	32	59	<b>13,71</b>	2



## Insulated extension bar and T handle

## VDE Certificate



190342



190340

Code	Type	L mm	€	
<b>190342</b>	<b>EXTENSION</b>	125	<b>34,00</b>	1
<b>190345</b>	<b>EXTENSION</b>	250	<b>38,00</b>	1
<b>190340</b>	<b>T HANDLE</b>	250	<b>46,00</b>	1



## Insulated 3/8" socket set

CR-V  
STEEL



VDE Certificate

New

### EN 60900 STANDARD

Insulated tools used for jobs on voltages of up to 1000 V in AC current or up to 1500 V in DC.



#### CONTENTS

8	Insulated sockets 3/8" 8, 10, 12, 13, 14, 17, 19 y 22	2	Insulated extension bars 167, 267 mm
4	3/8" insulated socket hex tip 4, 5, 6 y 8	1	Insulated T handle ø 200 mm
		1	Insulated ratchet handle

Code	No. of Items	€	
190304	16	280,00	1

## Impact screwdriver set

CR-V  
STEEL



Box Dimensions: 330x160x60 mm

#### INCLUDE:



- Handle made of antislip rubber
- Chrome plated finish
- Metallic end for striking



#### CONTENTS

1	Reinforced impact driver 1/2" dr.	1	Coupler 1/2" M x 5/16" M	1	Bit holder 5/16" F x 3/8" F
18	Impact bits 5/16" H x 36 mm	4	4, 5, 6, 8 mm	4	6, 8, 10, 12 mm
		4	PH1, PH2, PH3, PH4	6	PZ1, PZ2, PZ3, PZ4

Code	No. of Items	€	
192650	21	45,89	1

## Impact screwdriver set with adaptors

CR-V  
STEEL



- Phosphated finish

#### INCLUDES:



#### CONTENTS

- 1 1/2" heavy duty impact driver
- 1 Adapter of 1/2" M x 5/16" M
- 1 bit holder of 5/16" F x 3/8" F

Code	No. of Items	€	
192652	3	22,42	1

## Hexagonal coupler



## Tip adapter



Code	■	●	€	
192648	3/8"	5/16"	1,50	6

Code	○	□	€	
192649	5/16"	1/2"	1,34	6

## 3/4" sq. dr. socket set

CR-V  
STEEL



Box Dimensions: 540x180x80 mm



• Phosphated finish



### CONTENTS

- 1 Ratchet handle with removable handle
- 1 1" dr. sliding Tee bar 400 mm
- 14 Sockets  
19, 21, 22, 24, 27, 30, 32, 33, 34, 36, 38, 41, 46, 50 mm
- 2 Extension bars  
200, 400 mm

Code	No. of Items	€	
<b>192580</b>	18	<b>310,00</b>	1

## 3/4" sq. dr. ratchet handle

DIN  
3122



CR-V  
STEEL



### REMOVABLE HANDLE

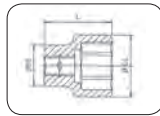
- With reversor and quick release
- Rough finish metallic handle
- Satin finish coating

Code	L mm	€	
<b>192555</b>	495	<b>83,30</b>	1

## 3/4" bihexagonal socket

DIN  
3124

CR-V  
STEEL



• Satin finish

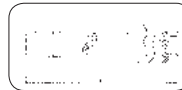


Code	mm	L mm	D1 mm	D2 mm	€	
<b>192519</b>	19	50	29	33	<b>8,59</b>	1
<b>192521</b>	21	50	31	33	<b>8,59</b>	1
<b>192522</b>	22	50	32	36	<b>8,59</b>	1
<b>192524</b>	24	51	34	36	<b>9,10</b>	1

Code	mm	L mm	D1 mm	D2 mm	€	
<b>192527</b>	27	52	38	36	<b>9,46</b>	1
<b>192530</b>	30	54	42	38	<b>10,57</b>	1
<b>192532</b>	32	56	44	38	<b>10,87</b>	1
<b>192533</b>	33	56	46	38	<b>12,04</b>	1
<b>192534</b>	34	56	47	38	<b>12,04</b>	1
<b>192536</b>	36	58	50	42	<b>12,33</b>	1
<b>192538</b>	38	60	52	45	<b>13,72</b>	1
<b>192541</b>	41	64	56	45	<b>14,97</b>	1
<b>192546</b>	46	68	62	48	<b>17,72</b>	1
<b>192550</b>	50	72	68	48	<b>20,32</b>	1

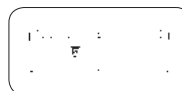
## 3/4" extension bar

DIN  
3123



Code	L mm	€	
<b>192565</b>	100	<b>12,99</b>	1
<b>192570</b>	200	<b>18,16</b>	1
<b>192575</b>	400	<b>29,50</b>	1

DIN  
3122



Code	L mm	€	
<b>192560</b>	450	<b>28,03</b>	1

## 3/4" T handle

DIN  
3123



Code	Female	Male	€	
<b>192630</b>	3/4"	1/2"	<b>12,00</b>	1
<b>192632</b>	3/4"	1"	<b>16,66</b>	1

## 1" sq. dr. socket set

CR-V  
STEEL



Box Dimensions: 650x210x110 mm

• Satin finish



### CONTENTS

- 1 Ratchet handle with removable handle
- 1 1" dr. sliding Tee bar 560 mm
- 2 Extension bars 200, 400 mm
- 10 Sockets 36, 41, 46, 50, 55, 60, 65, 70, 75, 80 mm

Code	No. of Items	€	
<b>194820</b>	14	<b>742,76</b>	1

## 1" sq. dr. ratchet handle

DIN  
3122



CR-V  
STEEL



REMOVABLE HANDLE

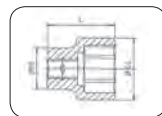


Code	L mm	€	
<b>194885</b>	660	<b>172,60</b>	1

## 1" sq. dr. bihexagonal socket

DIN  
3124

CR-V  
STEEL



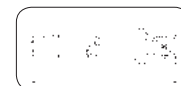
• Chrome-plated finish



Code	mm	L mm	D1 mm	D2 mm	€	
<b>194836</b>	36	65	52	45	<b>20,25</b>	1
<b>194841</b>	41	70	57	45	<b>24,55</b>	1
<b>194846</b>	46	75	65	50	<b>29,06</b>	1
<b>194850</b>	50	75	70	55	<b>33,33</b>	1
<b>194855</b>	55	80	76	57	<b>38,06</b>	1
<b>194860</b>	60	85	85	57	<b>46,31</b>	1
<b>194865</b>	65	87	87	57	<b>55,34</b>	1
<b>194870</b>	70	94	94	68	<b>62,35</b>	1
<b>194875</b>	75	98	100	68	<b>69,84</b>	1
<b>194880</b>	80	102	105	68	<b>79,98</b>	1

## 1" extension bar

DIN  
3123



Code	L mm	€	
<b>194886</b>	200	<b>44,34</b>	1
<b>194887</b>	400	<b>45,26</b>	1

## 1" T handle

DIN  
3122



Code	L mm	€	
<b>194888</b>	560	<b>56,98</b>	1

## 1" coupler

DIN  
3123



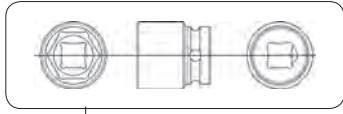
Code	Female	Male	€	
<b>194890</b>	1"	3/4"	<b>26,61</b>	1



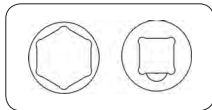
## Impact sockets

CR-MO  
STEEL

6 Concentricity

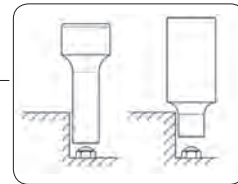


5 Special profile



- 1 Made of high grade chrome alloy steel.
- 2 Proper heat treated.
- 3 Made to DIN standard.
- 4 Black finish.
- 5 Special small round corner design to reduce the inner stress and prevent damage the corner of hex nuts.
- 6 Both ends on a concentric line to reduce the vibration.
- 7 Slim and longer cut-down shank design.

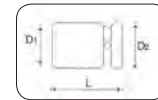
7 Compact shaped



## 1/2" sq. dr. impact socket

DIN  
3129

CR-MO  
STEEL



Code	mm	L mm	D1 mm	D2 mm	€	
198208	8	38	15	25	5,11	1
198209	9	38	16	25	5,11	1
198210	10	38	17,5	25	5,11	1
198211	11	38	18,5	25	5,11	1
198212	12	38	20	25	5,11	1
198213	13	38	21,2	25	5,11	1
198214	14	38	22,5	25	5,11	1
198215	15	38	23,7	30	5,70	1
198216	16	38	25	30	5,70	1

Code	mm	L mm	D1 mm	D2 mm	€	
198217	17	38	26,2	30	5,70	1
198218	18	38	27,5	30	5,87	1
198219	19	38	28,7	30	5,87	1
198220	20	38	30	30	6,25	1
198221	21	39	31,2	30	6,51	1
198222	22	39	32,5	30	6,74	1
198223	23	41	33,7	30	6,74	1
198224	24	41	35	30	7,33	1
New 198225	25	44	35	30	7,50	1
New 198226	26	45	37,5	30	7,50	1
198227	27	44	38,7	30	7,59	1
New 198228	28	50	40	30	8,50	1
New 198229	29	50	40	30	9,00	1
198230	30	50	42,5	30	9,31	1
198232	32	50	45	30	9,99	1

## 1/2" impact sockets, plastic rack



### CONTENTS

10, 11, 13, 14, 15, 16, 17, 19, 21, 22 mm

Code	No. of Items	€	
198233	10	56,65	1

## 1/2" sq. dr. deep impact socket

DIN  
3129

CR-MO  
STEEL



DEEP TYPE



Code	mm	L mm	D1 mm	D2 mm	€	
<b>New</b> 198239	8	80	15	25	<b>8,83</b>	1
198240	10	80	17	25	<b>8,83</b>	1
198249	11	80	18,5	25	<b>8,83</b>	1
198250	12	80	20	25	<b>8,83</b>	1
198241	13	80	21	25	<b>8,83</b>	1
198251	14	80	22,5	30	<b>9,00</b>	1
198252	15	80	23,5	30	<b>9,00</b>	1
198253	16	80	25	30	<b>9,00</b>	1
198242	17	80	26,2	30	<b>9,48</b>	1

Code	mm	L mm	D1 mm	D2 mm	€	
<b>198254</b>	18	80	26,5	30	<b>9,48</b>	1
<b>198243</b>	19	80	28,5	30	<b>9,48</b>	1
<b>198255</b>	20	80	30	30	<b>10,00</b>	1
<b>198256</b>	21	80	31	30	<b>10,00</b>	1
<b>198244</b>	22	80	32	30	<b>10,54</b>	1
<b>New</b> 198257	23	80	34	30	<b>11,00</b>	1
<b>198245</b>	24	80	34	30	<b>11,45</b>	1
<b>New</b> 198266	25	80	34	30	<b>12,00</b>	1
<b>New</b> 198267	26	80	36	30	<b>12,50</b>	1
<b>198246</b>	27	80	39	30	<b>13,10</b>	1
<b>New</b> 198268	28	80	40	30	<b>14,00</b>	1
<b>New</b> 198269	29	80	40	30	<b>14,50</b>	1
<b>198247</b>	30	80	42,5	30	<b>14,96</b>	1
<b>198248</b>	32	80	51	30	<b>18,14</b>	1

## 1/2 " deep impact socket set



### CONTENTS

10, 11, 13, 14, 15, 16, 17, 19, 21, 22 mm

Code	No. of Items	€	
<b>198258</b>	10	<b>89,00</b>	1

## 1/2" sq. dr. type E impact socket

DIN  
3129

CR-MO  
STEEL



TORX FEMALE



Code		L mm	€	
<b>198200</b>	E10	38	<b>5,89</b>	10
<b>198201</b>	E12	38	<b>5,89</b>	10
<b>198202</b>	E14	38	<b>5,89</b>	10
<b>198203</b>	E16	38	<b>5,89</b>	10
<b>198204</b>	E18	38	<b>5,89</b>	10
<b>198205</b>	E20	38	<b>6,07</b>	10
<b>198206</b>	E24	38	<b>6,80</b>	10

## 1/2" impact socket for wheels

CR-MO  
STEEL



• Exterior plastic coating to avoid damaging the tyre



Code	mm	L mm	Ø mm	€	
<b>198902</b>	17	85	30	<b>8,64</b>	1
<b>198904</b>	19	85	30	<b>8,64</b>	1
<b>198906</b>	21	85	30	<b>8,64</b>	1

## 1/2" impact socket set

CR-MO  
STEEL



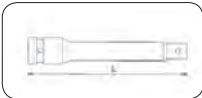
**CONTENTS** 17, 19, 21 mm

Code	No. of Items	€	
<b>198900</b>	3	<b>27,92</b>	1

Box Dimensions: 143x121x49 mm

## 1/2" impact extension bar

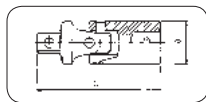
DIN  
3121



Code	L mm	€	
<b>198260</b>	75	<b>8,24</b>	1
<b>198262</b>	125	<b>10,04</b>	1
<b>198265</b>	250	<b>14,34</b>	1

## 3/4" impact universal joint

DIN  
3121



Code	L mm	€	
<b>198270</b>	67	<b>15,00</b>	1

## 3/4" impact coupler

DIN  
3121



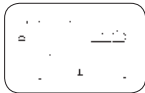
Code	Female	Male	L mm	€	
<b>198275</b>	1/2"	3/4"	49	<b>8,00</b>	1



## 1/2" impact socket, hexagonal bit

DIN 3129

CR-MO STEEL

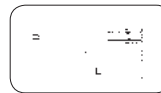


Code	mm	L mm	D mm	€	
198285	5	78	25	11,34	1
198286	6	78	25	11,42	1
198288	8	78	25	11,52	1
198290	10	78	25	11,89	1
198292	12	78	25	11,99	1
198294	14	78	30	12,27	1
198297	17	78	30	12,66	1
198299	19	78	30	13,49	1

## 1/2" impact socket, Torx bit

DIN 3129

CR-MO STEEL



Code		L mm	D mm	€	
198302	T25	78	25	11,52	1
198304	T27	78	25	11,52	1
198306	T30	78	25	11,52	1
198308	T40	78	25	11,63	1
198310	T45	78	25	11,63	1
198312	T50	78	25	11,63	1
198314	T55	78	25	12,04	1
198316	T60	78	25	12,04	1

## 1/2" impact socket set, hexagonal bit



### CONTENTS

5, 6, 8, 10, 12, 14, 17, 19 mm

Code	No. of Items	€	
198300	8	90,00	1

## 1/2" impact socket set, torx bit



### CONTENTS

T25, T27, T30, T40, T45, T50, T55, T60

Code	No. of Items	€	
198301	8	93,53	1

## 1/2" impact socket XZN bit

DIN 3129

CR-MO STEEL



Code		L mm	Ø mm	€	
198180	M6	78	25	10,66	1
198181	M8	78	25	10,95	1
198182	M10	78	25	11,50	1
198183	M12	78	25	11,50	1
198184	M14	78	25	11,80	1
198185	M16	78	25	12,08	1

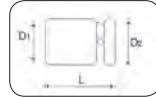
## 3/4" sq. dr. impact socket

DIN  
3129

CR-MO  
STEEL



REGULAR TYPE



DIN  
3124

CR-MO  
STEEL



DEEP TYPE

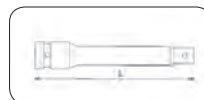


Code	mm	L mm	D1 mm	D2 mm	€	
198317	17	51	30	44	11,54	1
198319	19	51	32,5	44	11,54	1
198321	21	51	35	44	11,75	1
198322	22	51	36	44	11,96	1
198324	24	51	38,5	44	11,96	1
198327	27	53	42,5	44	11,96	1
198330	30	53	46	44	12,17	1
198332	32	57	48,5	44	12,69	1
198334	34	57	51	44	14,80	1
198336	36	57	53,5	44	15,18	1
198338	38	57	56	44	16,01	1
198341	41	58	60	44	18,23	1
198346	46	62	66	44	21,88	1
198350	50	68	71	44	26,54	1
198355	55	72	77,5	54	40,92	1
198360	60	72	83,5	54	40,92	1

Code	mm	L mm	D1 mm	D2 mm	€	
198370	17	100	30	44	19,04	1
198371	19	100	33	44	19,04	1
198372	21	100	35	44	19,25	1
198373	22	100	36	44	19,25	1
198374	24	100	38	44	19,46	1
198375	27	100	42	44	19,46	1
198376	30	100	46	44	19,85	1
198377	32	100	48	44	20,25	1
198378	34	100	51	44	22,69	1
198379	36	100	53	44	22,90	1
198380	41	100	59	44	26,95	1
New 198381	46	100	66	44	30,30	1
New 198383	50	100	71	44	36,00	1
New 198385	55	100	77,5	44	53,50	1
New 198387	60	100	83,5	44	58,00	1

## 3/4" impact extension bar

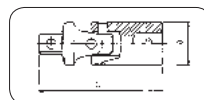
DIN  
3121



Code	L mm	€	
198382	175	25,93	1
198384	250	31,81	1
198386	325	36,63	1

## 3/4" impact universal joint

DIN  
3121



Code	L mm	€	
198390	110	50,56	1

## 3/4" impact coupler

DIN  
3121



Code	Female	Male	L mm	€	
198392	3/4"	1/2"	56	16,62	1
198395	3/4"	1"	68	17,82	1

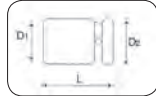
## 1"sq. dr. impact socket

DIN  
3129

CR-MO  
STEEL



REGULAR TYPE



DIN  
3129

CR-MO  
STEEL



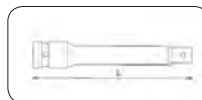
DEEP TYPE



Code	Ø mm	L mm	D1 mm	D2 mm	€		Code	Ø mm	L mm	D1 mm	D2 mm	€	
198424	24	57	41	54	20,34	1	198475	24	108	41	54	32,01	1
198427	27	57	45	54	21,16	1	198476	27	108	45	54	33,31	1
198430	30	60	49	54	21,75	1	198477	30	108	48	54	33,31	1
198432	32	60	51	54	21,75	1	198478	32	108	51	54	33,31	1
198434	34	64	54	54	21,75	1	198479	34	108	54	54	33,31	1
198436	36	65	57	54	22,16	1	198480	36	108	56	54	39,07	1
198438	38	66	59	54	23,36	1	198481	38	108	59	54	39,07	1
198441	41	68	63	54	25,81	1	198482	41	108	62	54	43,53	1
198446	46	73	69	54	31,90	1	198483	46	108	68	54	47,23	1
198450	50	70	74	54	36,74	1	New 198484	50	108	74	54	52,50	1
198455	55	75	81	54	43,43	1	New 198485	55	108	80	54	77,50	1
198460	60	80	86	54	53,77	1	New 198486	60	108	86,5	54	85,80	1
198465	65	92	92,5	54	62,35	1	New 198487	65	108	92,5	54	98,00	1
198470	70	96	99	54	71,37	1	New 198488	70	108	99	54	118,00	1

## 3/4" impact extension bar

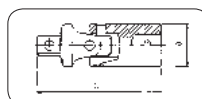
DIN  
3121



Code	L mm	€	
198490	175	40,24	1
198492	325	55,00	1

## 3/4" impact universal joint

DIN  
3121



Code	L mm	€	
198495	132	65,36	1

## 3/4" impact coupler

DIN  
3121



Code	Female	Male	L mm	€	
198497	1"	3/4"	65	26,24	1



## 1 - 1/2" sq. dr. impact socket

DIN  
3129

CR-MO  
STEEL

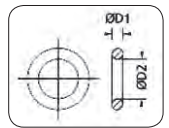


Code	mm	L mm	Ø mm	€	
<b>198946</b>	46	84	86	<b>127,22</b>	1
<b>198950</b>	50	87	86	<b>127,22</b>	1
<b>198955</b>	55	90	86	<b>135,00</b>	1
<b>198960</b>	60	92	94	<b>149,00</b>	1
<b>198965</b>	65	95	97	<b>154,00</b>	1
<b>198970</b>	70	100	105	<b>185,00</b>	1

Code	mm	L mm	Ø mm	€	
<b>198975</b>	75	103	110	<b>187,00</b>	1
<b>198980</b>	80	110	116	<b>197,00</b>	1
<b>198981</b>	85	118	125	<b>205,00</b>	1
<b>198982</b>	90	118	130	<b>229,00</b>	1
<b>198983</b>	95	118	137	<b>235,00</b>	1
<b>198984</b>	100	125	144	<b>279,00</b>	1

## Safety ring for impact sockets

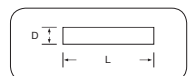
DIN  
3129



Code	■	Use	D1 mm	D2 mm	€	
		Accessories Sockets				
<b>198276</b>	1/2"	✓ ≤ 14	4	19	<b>2,02</b>	5
<b>198277</b>	1/2"	≥ 14	4	24	<b>2,02</b>	5
<b>198396</b>	3/4"	✓ ≤ 50	5	36	<b>2,02</b>	5
<b>198397</b>	3/4"	≥ 55	5	46	<b>2,02</b>	5
<b>198498</b>	1"	✓ ≤ 70	7	45	<b>2,02</b>	5

## Safety pin for impact sockets

DIN  
3129



Code	■	Use	L mm	D mm	€	
		Accessories Sockets				
<b>198278</b>	1/2"	✓ ≤ 14	20	3	<b>1,39</b>	5
<b>198279</b>	1/2"	≥ 14	25	3	<b>1,47</b>	5
<b>198398</b>	3/4"	✓ ≤ 50	35	4	<b>1,52</b>	5
<b>198399</b>	3/4"	≥ 55	45	4	<b>1,63</b>	5
<b>198499</b>	1"	✓ ≤ 70	45	6	<b>1,77</b>	5



## 08 Striking tools



Industrial hammer 167



Stonning hammer 169



Construction hammer 170



Sledge hammer 171



Axe 172



Mason's hammer 173



Nylon head hammer 174



Cooper hammer 174



Dead blow hammer 175



Punch 176



Mason's chisel 178

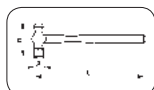


Flat chisel 180

**Ball pein hammer, graphite handle**



- Handle head fixation reinforced with resin
- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Ergonomic graphite handle
- With hole to hang



**Graphite-glass fibre comparison**

- **LIGHTER.** Approximately 20% less weight.
- **STRONGER.** Resistance to impacts 30% greater.
- **ANTI-VIBRATION.** Absorbs the vibration of the impact more effectively, and transmits less to the arm. More ergonomic.

Code	gr	A mm	L mm	€	
<b>196652</b>	455	30	355	<b>15,42</b>	6
<b>196654</b>	560	32	380	<b>16,83</b>	6
<b>196657</b>	680	34	405	<b>18,37</b>	6
<b>196663</b>	910	38	405	<b>21,56</b>	6
<b>196664</b>	1360	40	405	<b>32,35</b>	6
SPARE HANDLE					
<b>196653</b>	for 196652, 196654			<b>6,00</b>	6
<b>196658</b>	for 196657, 196663, 196664			<b>7,00</b>	6

**Ball pein hammer, fiberglass handle**

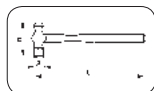
**New**



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with resin
- Ergonomic fiberglass handle

Code	gr	A mm	L mm	€	
<b>186318</b>	360	28	345	<b>9,50</b>	6
<b>186320</b>	455	30	345	<b>11,50</b>	6
<b>186324</b>	680	34	345	<b>13,50</b>	6
<b>186326</b>	910	38	345	<b>16,00</b>	6
<b>186327</b>	1360	38	345	<b>18,80</b>	6
SPARE HANDLE					
<b>186319</b>	for 186318			<b>4,50</b>	6
<b>186321</b>	for 186320, 186324, 186326			<b>5,10</b>	6
<b>186329</b>	for 186327			<b>6,00</b>	6

**Ball pein hammer, hickory handle**



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with r
- Hickory handle

Code	gr	A mm	L mm	€	
<b>196548</b>	360	28	345	<b>10,00</b>	6
<b>196550</b>	455	30	355	<b>12,00</b>	6
<b>196554</b>	520	32	380	<b>12,70</b>	6
<b>196555</b>	680	34	405	<b>14,50</b>	6
<b>196560</b>	910	38	405	<b>17,50</b>	6
<b>196562</b>	1360	40	405	<b>22,00</b>	6
SPARE HANDLE					
<b>196551</b>	for 196548, 196550, 196554			<b>5,50</b>	6
<b>196556</b>	for 196555, 196560			<b>6,00</b>	6
<b>196563</b>	for 196562			<b>6,40</b>	6



## French joiner's hammer, graphite handle



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with r
- Ergonomically shaped graphite handle

## French joiner's hammer, fiberglass handle



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with r
- Ergonomically shaped graphite handle

## French joiner's hammer, hickory handle



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with r
- Hickory handle

## Adjuster hammer, fiberglass handle



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Handle head fixation reinforced with r
- Ergonomically shaped graphite handle

Code	gr	A mm	L mm	€	
<b>196612</b>	80	16	310	<b>12,58</b>	6
<b>196617</b>	135	20	310	<b>13,46</b>	6
<b>196622</b>	180	22	310	<b>14,43</b>	6
<b>196628</b>	320	25	310	<b>15,51</b>	6
<b>196632</b>	420	30	310	<b>15,95</b>	6

### SPARE HANDLE

<b>196613</b>	for 196612, 196617	<b>7,00</b>	6
<b>196629</b>	for 196622, 196628, 196632	<b>7,50</b>	6

**New**

Code	gr	A mm	L mm	€	
<b>186308</b>	135	20	280	<b>8,20</b>	6
<b>186310</b>	180	22	280	<b>9,10</b>	6
<b>186312</b>	320	25	310	<b>10,10</b>	6
<b>186314</b>	420	30	340	<b>11,20</b>	6

### SPARE HANDLE

<b>186309</b>	for 186308, 186310	<b>3,50</b>	6
<b>186313</b>	for 186312	<b>4,10</b>	6
<b>186315</b>	for 186314	<b>4,30</b>	6

Code	gr	A mm	L mm	€	
<b>196510</b>	100	18	280	<b>6,89</b>	6
<b>196515</b>	135	20	280	<b>7,12</b>	6
<b>196520</b>	180	22	280	<b>7,75</b>	6
<b>196523</b>	320	25	280	<b>8,03</b>	6
<b>196524</b>	420	30	280	<b>9,57</b>	6

### SPARE HANDLE

<b>196511</b>	for 196510	<b>3,17</b>	6
<b>196516</b>	for 196515, 196520	<b>3,25</b>	6
<b>196522</b>	for 196523	<b>3,39</b>	6
<b>196527</b>	for 196524	<b>3,71</b>	6

Code	gr	A mm	L mm	€	
<b>186328</b>	300	22	310	<b>9,90</b>	6
<b>186330</b>	500	26	340	<b>10,90</b>	4

### SPARE HANDLE

<b>186313</b>	for 186328	<b>4,10</b>	6
<b>186315</b>	for 186330	<b>4,30</b>	6

**Club hammer, graphite handle**



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Conic adjustment of the head

Code	kg	L mm	€	
<b>196605</b>	1	290	<b>18,50</b>	4
<b>196608</b>	1,25	290	<b>22,00</b>	4
SPARE HANDLE				
<b>196606</b>	for 196605, 196608		<b>9,00</b>	6

**New**

**Club hammer, fiberglass handle**



- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Conic adjustment of the head
- Ergonomically shaped fiberglass handle

Code	kg	L mm	€	
<b>196600</b>	1	280	<b>12,80</b>	6
<b>196602</b>	1,5	280	<b>14,50</b>	6
SPARE HANDLE				
<b>196601</b>	for 196600, 196602		<b>4,50</b>	6

**Club hammer, Hickory handle**



**New**

- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Conic adjustment of the head

Code	kg	L mm	€	
<b>196500</b>	1	260	<b>10,50</b>	6
<b>196502</b>	1,4	280	<b>12,50</b>	4
SPARE HANDLE				
<b>196501</b>	for 196500		<b>2,70</b>	6
<b>196518</b>	for 196502		<b>3,10</b>	6

**Club hammer, fiberglass handle**



**New**

- Handle head fixation reinforced with resin

Code	kg	L mm	€	
<b>186200</b>	1	280	<b>12,00</b>	6
<b>186202</b>	1,5	280	<b>13,50</b>	6
<b>186204</b>	2	280	<b>14,90</b>	6
SPARE HANDLE				
<b>196601</b>	for 186200, for 186202, 186204,		<b>4,50</b>	6

**Club hammer, Hickory handle**



**New**

- Handle head fixation by metal wedge and resin

Code	kg	L mm	€	
<b>186300</b>	1	260	<b>10,75</b>	6
<b>186302</b>	1,5	280	<b>12,50</b>	6
<b>186304</b>	2	280	<b>13,90</b>	6
SPARE HANDLE				
<b>196501</b>	for 186300,		<b>2,70</b>	6
<b>196518</b>	for 186302, 186304		<b>3,10</b>	6

Claw hammer, fiberglass handle



Claw hammer, wooden handle



American curved nail hammer, fiberglass handle



Construction hammer, fiberglass handle



Construction hammer, wooden handle



**New**

- Head made of forged Carbon Steel
- Striking surface heat treated (harder)
- Conic adjustment of the head

Code	gr	L mm	€	
<b>196665</b>	400	330	<b>11,79</b>	6
<b>196670</b>	600	330	<b>13,14</b>	6
SPARE HANDLE				
<b>196666</b>	for 196665,196670		<b>4,00</b>	6

Code	gr	L mm	€	
<b>196565</b>	400	330	<b>9,72</b>	6
<b>196570</b>	600	330	<b>10,99</b>	6
<b>196575</b>	800	390	<b>12,47</b>	6
SPARE HANDLE				
<b>196566</b>	for 196565,196570		<b>2,50</b>	6
<b>196576</b>	for 196575		<b>3,16</b>	6

**New**

- Resin handle fixing

Code	gr	L mm	€	
<b>186340</b>	450	345	<b>9,50</b>	6
<b>186342</b>	560	345	<b>10,90</b>	6
SPARE HANDLE				
<b>186321</b>	for 186340,186342		<b>5,10</b>	6

**New**

- Magnetic head. Conic joint

Code	gr	L mm	€	
<b>196690</b>	700	500	<b>20,00</b>	6
SPARE HANDLE				
<b>196691</b>	for 196690		<b>5,50</b>	6

Code	gr	L mm	€	
<b>196580</b>	500	500	<b>12,50</b>	6
<b>196590</b>	700	500	<b>13,30</b>	6
SPARE HANDLE				
<b>196581</b>	for 196580, 196590		<b>3,00</b>	6



**New**

**Sledge hammer, fiberglass handle**



- Head made of forged Carbon Steel
- Temperate work surface (high hardness)

Code	kg	L mm	€	
<b>196625</b>	3	900	<b>39,45</b>	4
<b>196627</b>	4	900	<b>43,79</b>	2
<b>196630</b>	5	900	<b>48,19</b>	2
SPARE HANDLE				
<b>196631</b>	196625,196627,196630		<b>14,21</b>	6

**Sledge hammer, wooden handle**



- Head made of forged Carbon Steel
- Temperate work surface (high hardness)

Code	kg	L mm	€	
<b>196525</b>	3	900	<b>26,61</b>	4
<b>196530</b>	5	900	<b>34,85</b>	2
SPARE HANDLE				
<b>196531</b>	for 196525, 196530		<b>8,18</b>	6

**New**

**Felling axe, fiberglass handle**



- Regrindable cutting edge. Polished finish.
- Conic adjustment

Code	Weight kg	L mm	€	
<b>196633</b>	3,5	900	<b>52,00</b>	4
SPARE HANDLE				
<b>196631</b>	for 196633		<b>14,21</b>	6

**Construction hammer, wooden handle**

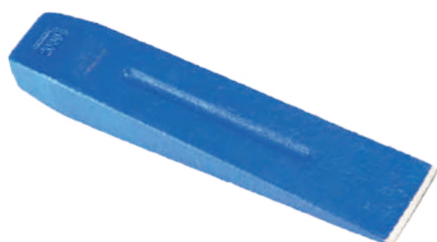


- Conic joint

Code	kg	L mm	€	
<b>196503</b>	1	250	<b>12,70</b>	6
SPARE HANDLE				
<b>196504</b>	for 196503		<b>2,50</b>	6

**New**

**Metal wedge for wood**



250x50x36 mm  
2 kg

- One piece forged body
- Polished cutting edge
- Designed for a good wood penetration

Code	€	
<b>198680</b>	<b>14,00</b>	6

## Pick Axe



Attachable handles 198676 / 198776

- Cr-V steel. Forged body
- Polished tips. Oval handle housing

	Code	Weight gr	L mm	€	
<b>New</b>	<b>198668</b>	2	550	<b>15,50</b>	6
	<b>198670</b>	2,5	580	<b>17,00</b>	6
	<b>198675</b>	3	580	<b>19,50</b>	6

Supplied without handle

## Pick handle



- Ergonomic handles
- Conic adjustment to head

	Code	Type	Ø x L mm	€	
<b>New</b>	<b>198676</b>	Wooden	38 x 900	<b>8,60</b>	6
	<b>198776</b>	Fibre	38 x 900	<b>17,00</b>	6

## Axe, fiberglass handle



- Regrindable cutting edge
- Conic adjustment to head
- Plastic edge protection

**New**

	Code	Weight gr	L mm	€	
	<b>186348</b>	400	280	<b>12,50</b>	6
	<b>186350</b>	600	380	<b>14,20</b>	6
	<b>186352</b>	800	480	<b>16,80</b>	6
	<b>186354</b>	1000	680	<b>20,50</b>	4
	<b>186356</b>	1250	900	<b>31,20</b>	4

## Axe, wooden handle



- Regrindable cutting edge. Polished finish.
- Conic adjustment

	Code	Weight gr	L mm	€	
	<b>198620</b>	500	450	<b>18,50</b>	6
	<b>198625</b>	700	450	<b>20,50</b>	6
	<b>198630</b>	1000	680	<b>28,00</b>	4
	<b>198632</b>	1200	680	<b>30,50</b>	4

## Welder's hammer



**SPECIAL WELDERS**

- Peak tips and vertical ax
- Metal tubular handle
- Ergonomic rubber grip

	Code	Weight gr	L mm	€	
	<b>198748</b>	400	300	<b>8,60</b>	6

**Mason´s hammer, fiberglass handle**



**New**

Code	Weight gr	L mm	€	
<b>196695</b>	700	330	<b>19,00</b>	6
<b>SPARE HANDLE</b>				
<b>196666</b>	for 196695		<b>4,00</b>	6

**Mason´s hammer, wooden handle**



Code	Weight gr	L mm	€	
<b>196595</b>	700	330	<b>15,00</b>	6
<b>SPARE HANDLE</b>				
<b>196566</b>	for 196595		<b>2,50</b>	6

**Pick-axe, fiberglass handle**



**New**

Code	Weight gr	L mm	€	
<b>198750</b>	550	330	<b>16,00</b>	6
<b>198755</b>	650	330	<b>17,00</b>	6
<b>SPARE HANDLE</b>				
<b>196666</b>	for 198750, 198755		<b>4,00</b>	6

**Pick-axe, wooden handle**



Code	Weight gr	L mm	€	
<b>198650</b>	550	330	<b>13,00</b>	6
<b>198655</b>	650	330	<b>14,50</b>	6
<b>SPARE HANDLE</b>				
<b>196566</b>	for 198650, 198655		<b>2,50</b>	6

**Pick-Axe, fiberglass handle**



**New**

Code	Weight gr	L mm	€	
<b>198758</b>	400	330	<b>15,00</b>	6
<b>198760</b>	650	330	<b>16,00</b>	6
<b>SPARE HANDLE</b>				
<b>196666</b>	for 198758, 198760		<b>4,00</b>	6

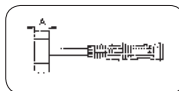
**Pick-Axe, wooden handle**



Code	Weight gr	L mm	€	
<b>198658</b>	400	330	<b>12,50</b>	6
<b>198660</b>	650	330	<b>13,50</b>	6
<b>SPARE HANDLE</b>				
<b>196566</b>	for 198658, 198660		<b>2,50</b>	6



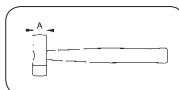
## Nylon head hammer



- Body made of iron and black finish
- Pressure-inserted heads in metal body
- Handle ergonomically shaped at gripping area

Code	A Ø mm	Weight gr	€	
<b>196805</b>	28	300	<b>16,45</b>	6
<b>196810</b>	34	600	<b>20,58</b>	6
<b>196815</b>	44	1100	<b>28,33</b>	6

## Nylon head hammer, wooden handle



- Wooden handle securely locked in hammer body with metal pin
- High-quality varnished wooden handle

Code	A Ø mm	Weight gr	€	
<b>196705</b>	28	300	<b>11,40</b>	6
<b>196710</b>	34	550	<b>13,68</b>	6
<b>196715</b>	44	1050	<b>20,58</b>	6
<b>196720</b>	54	1100	<b>37,99</b>	6

## Spare nylon head



### FITTING INSTRUCTIONS:

The nylon heads are fitted by inserting them in the hammer body and using force to tap them fully into their housing.

Code	Ø mm	€	
<b>196701</b>	28	<b>2,07</b>	10
<b>196702</b>	34	<b>2,49</b>	10
<b>196703</b>	44	<b>3,32</b>	10
<b>196704</b>	54	<b>6,00</b>	10

## Dead blow nylon head hammer



- Iron body, Zinc coated
- Treated replaceable nylon heads

Code	A Ø mm	Weight gr	€	
<b>196725</b>	35	500	<b>25,00</b>	6
<b>196730</b>	50	1100	<b>36,00</b>	6
SPARE HEADS				
<b>196727</b>	for code 196725		<b>2,58</b>	10
<b>196732</b>	for code 196730		<b>3,79</b>	10

## Non-sparking copper sledge hammer



- Head in copper alloy (non-sparking).
- High quality varnished wooden handle.
- Handle fixed with conic adjustment

Code	Weight gr	Measure mm	€	
<b>196760</b>	500	25x80x300	<b>53,00</b>	1
<b>196762</b>	1000	32x100x300	<b>79,00</b>	1
<b>196764</b>	1500	38x120x360	<b>105,00</b>	1
<b>196766</b>	2000	40x135x400	<b>129,00</b>	1
<b>196768</b>	4000	64x140x900	<b>255,00</b>	1

Used in iron and steel industry, mining, petrochemical industry and places with risk of deflagration

**Black rubber mallet, fiberglass handle**



Code	Weight gr	L mm	€	
<b>196781</b>	455	340	<b>9,00</b>	6
<b>196784</b>	685	360	<b>9,50</b>	6

**White rubber mallet, fiberglass handle**



Code	Weight gr	L mm	€	
<b>196787</b>	455	340	<b>10,45</b>	6

**Black rubber mallet, wooden handle**



• Hard rubber head.

Code	Weight gr	L mm	€	
<b>196780</b>	455	310	<b>4,00</b>	6
<b>196782</b>	685	336	<b>5,50</b>	6
<b>196783</b>	910	360	<b>6,50</b>	6

**White rubber mallet, wooden handle**



• Does not leave a mark after striking.

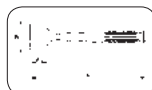
Code	Weight gr	L mm	€	
<b>196785</b>	455	310	<b>8,00</b>	6
<b>196786</b>	685	350	<b>9,00</b>	6

**Black and white rubber mallet**



Code	Weight gr	L mm	€	
<b>196788</b>	685	350	<b>10,00</b>	6

**Dead blow hammer. Monobloc**



• Polyurethane encapsulated steel body  
• Monobloc shape.

Code	Weight gr	A Ø mm	L mm	€	
<b>196789</b>	455	42	300	<b>13,15</b>	6
<b>196790</b>	690	50	325	<b>17,33</b>	6
<b>196792</b>	920	56,5	337	<b>19,48</b>	6

## Pin punch with hand guard

CR-V  
STEEL

Striking point  
hardness 40 HRC

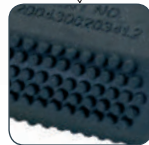
Ergonomically shaped  
Non-slip rubber handgrip



Work surface  
55 HRC

Hand protecting  
guard and  
inner body made  
of hard plastic

Black finish



Areas where pressure is  
exercised are rough to  
prevent slipping during  
work

Code	D1 mm	D2 mm	L mm	€	
<b>140062</b>	2	10	165	<b>6,00</b>	6
<b>140063</b>	3	10	175	<b>7,00</b>	6
<b>140064</b>	4	10	185	<b>7,80</b>	6
<b>140065</b>	5	10	200	<b>7,80</b>	6
<b>140066</b>	6	10	200	<b>7,80</b>	6
<b>140068</b>	8	10	200	<b>8,00</b>	6

Display with hanger

## Center punch with hand guard

CR-V  
STEEL



Code	D1 mm	D2 mm	L mm	€	
<b>140054</b>	4	10	175	<b>5,69</b>	6
<b>140056</b>	6	10	175	<b>6,12</b>	6

Display with hanger

## Pin punches with hand guard set



CONTENTS 2, 3, 4, 5, 6, 8 mm

Code	€	€	
<b>140070</b>	6	<b>46,53</b>	1

## Pin punch

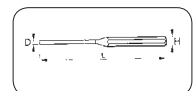
CR-V  
STEEL

REGULAR TYPE

LONG TYPE



• Hexagonal body



Code	D Ø mm	H mm	L mm	€	
<b>140020</b>	2	10	150	<b>4,38</b>	10
<b>140021</b>	3	10	150	<b>4,38</b>	10
<b>140022</b>	4	10	150	<b>4,67</b>	10
<b>140023</b>	5	10	150	<b>4,67</b>	10
<b>140024</b>	6	10	150	<b>4,67</b>	10
<b>140025</b>	7	12	150	<b>5,03</b>	10
<b>140026</b>	8	12	150	<b>5,03</b>	10

Code	D Ø mm	H mm	L mm	€	
<b>140034</b>	4	10	180	<b>5,52</b>	10
<b>140036</b>	6	10	180	<b>5,52</b>	10

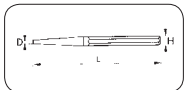


**Drift punch**

CR-V  
STEEL



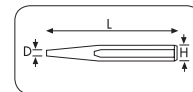
• Hexagonal body



Code	D Ø mm	H mm	L mm	€	
<b>140012</b>	2	10	120	<b>3,71</b>	10
<b>140013</b>	3	10	120	<b>3,71</b>	10
<b>140014</b>	4	10	120	<b>3,78</b>	10
<b>140015</b>	5	10	120	<b>4,06</b>	10
<b>140016</b>	6	10	120	<b>4,06</b>	10

**Center punch**

CR-V  
STEEL



Code	D Ø mm	H mm	L mm	€	
<b>138004</b>	3	10	100	<b>3,78</b>	10
<b>138005</b>	4	10	120	<b>4,05</b>	10
<b>138006</b>	5	12	120	<b>4,23</b>	10
<b>138007</b>	6	12	120	<b>4,66</b>	10
<b>138008</b>	8	12	120	<b>4,79</b>	10

**Automatic punch**



- Body made of steel
- Tip made of HSS steel
- Plastic head
- Adjustable power

Code	L mm	€	
<b>138021</b>	135	<b>12,00</b>	6

Display with blister

**Pin punch set in metal case**



**CONTENTS**  
2, 3, 4, 5, 6, 8 mm

Code	No. of Items	€	
<b>140029</b>	6	<b>28,00</b>	1

**Drift and center punch set in metal case**



**CONTENTS**  
• 5 Drift punches of 2, 3, 4, 5, 6 mm • 1 Center punch of 4 mm

Code	No. of Items	€	
<b>140019</b>	6	<b>23,00</b>	1

**Combined Punch + Chisel set in metal case**

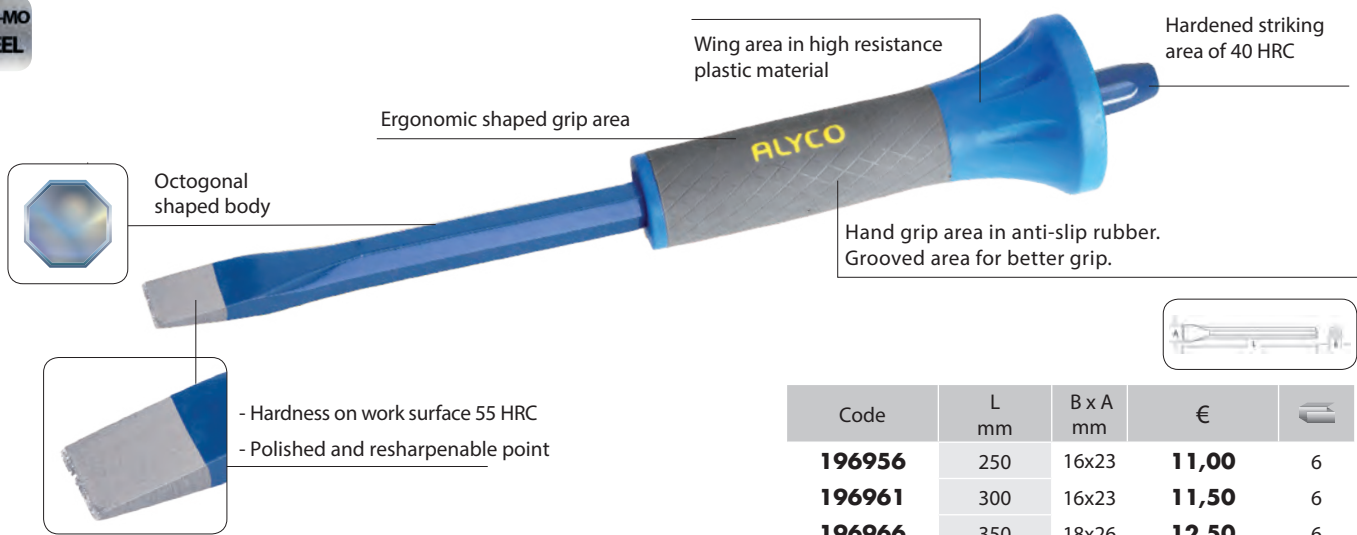


**CONTENTS**  
• 1 Chisel 12x10x150 mm • 1 Cross chisel 4x10x130  
• 1 Center punch of 5 mm • 1 Pin punch 5 mm  
• 2 Drift punches of 3 and 4 mm

Code	No. of Items	€	
<b>140050</b>	6	<b>29,50</b>	1

## Mason's chisel with hand guard

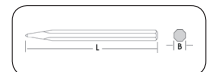
CR-SI-MO  
STEEL



Code	L mm	B x A mm	€	
<b>196956</b>	250	16x23	<b>11,00</b>	6
<b>196961</b>	300	16x23	<b>11,50</b>	6
<b>196966</b>	350	18x26	<b>12,50</b>	6
<b>196971</b>	400	18x26	<b>14,50</b>	6

## Point chisel with hand guard

CR-SI-MO  
STEEL



Code	L mm	B x A mm	€	
<b>196911</b>	250	16x23	<b>10,50</b>	6
<b>196916</b>	300	16x23	<b>12,00</b>	6
<b>196921</b>	350	18x26	<b>14,00</b>	6
<b>196926</b>	400	18x26	<b>16,00</b>	6

## Bimaterial hand guard



- 196975 for chisels of diameter 16 mm
- 196977 for chisels of diameter 18 mm

Code	L mm	Ø exterior	€	
<b>196975</b>	150	26	<b>4,62</b>	6
<b>196977</b>	150	32	<b>4,62</b>	6

## Heavy duty Mason's chisel

CR-SI-MO  
STEEL



## Heavy duty octagonal body



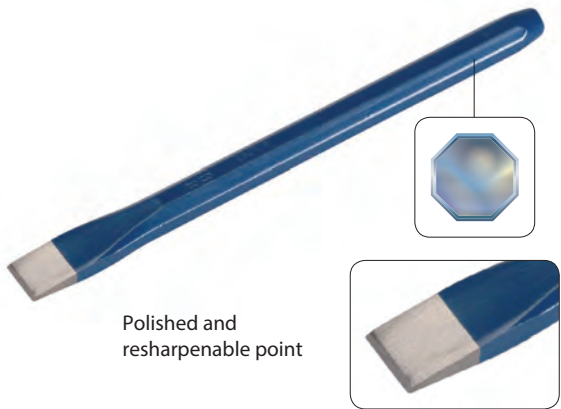
Code	L mm	BxA mm	€	
<b>196952</b>	200	18x20	<b>9,00</b>	6
<b>196957</b>	250	20x23	<b>11,50</b>	6
<b>196962</b>	300	20x23	<b>12,80</b>	6

Display with hanger



**Mason's chisel**

CR-SI-MO  
STEEL

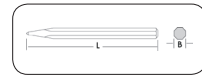


Polished and resharpenable point

- Octagonal shaped body
- Hardness on work surface 55 HRC

Code	L mm	B x A mm	€	
<b>196950</b>	200	16x23	<b>5,90</b>	6
<b>196955</b>	250	16x23	<b>6,10</b>	6
<b>196960</b>	300	16x23	<b>7,00</b>	6
<b>196965</b>	350	18x26	<b>9,00</b>	6
<b>196970</b>	400	18x26	<b>10,00</b>	6

Display with hanger



**Point chisel**

CR-SI-MO  
STEEL



Polished and resharpenable point

- Octagonal shaped body
- Hardness on work surface 55 HRC

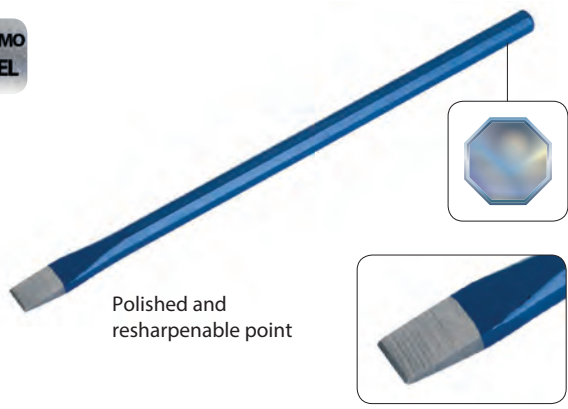
Code	L mm	B x A mm	€	
<b>196905</b>	200	14x20	<b>5,23</b>	6
<b>196910</b>	250	16x23	<b>5,91</b>	6
<b>196915</b>	300	16x23	<b>6,53</b>	6
<b>196920</b>	350	18x26	<b>8,50</b>	6
<b>196925</b>	400	18x26	<b>9,20</b>	6

Display with hanger



**Electrician's chisel**

CR-SI-MO  
STEEL

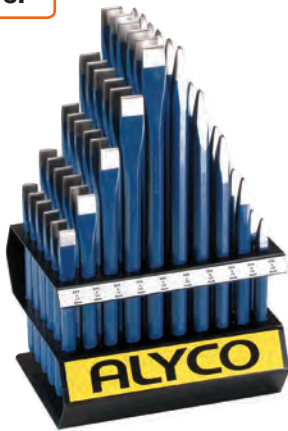


Polished and resharpenable point

- Octagonal shaped body
- Hardness on work surface 55 HRC

Code	L mm	B x A mm	€	
<b>196930</b>	200	10x12	<b>5,00</b>	6
<b>196935</b>	250	10x12	<b>5,50</b>	6
<b>196940</b>	300	10x12	<b>6,00</b>	6

**Mason's and point chisels displayer**



**CONTENTS**

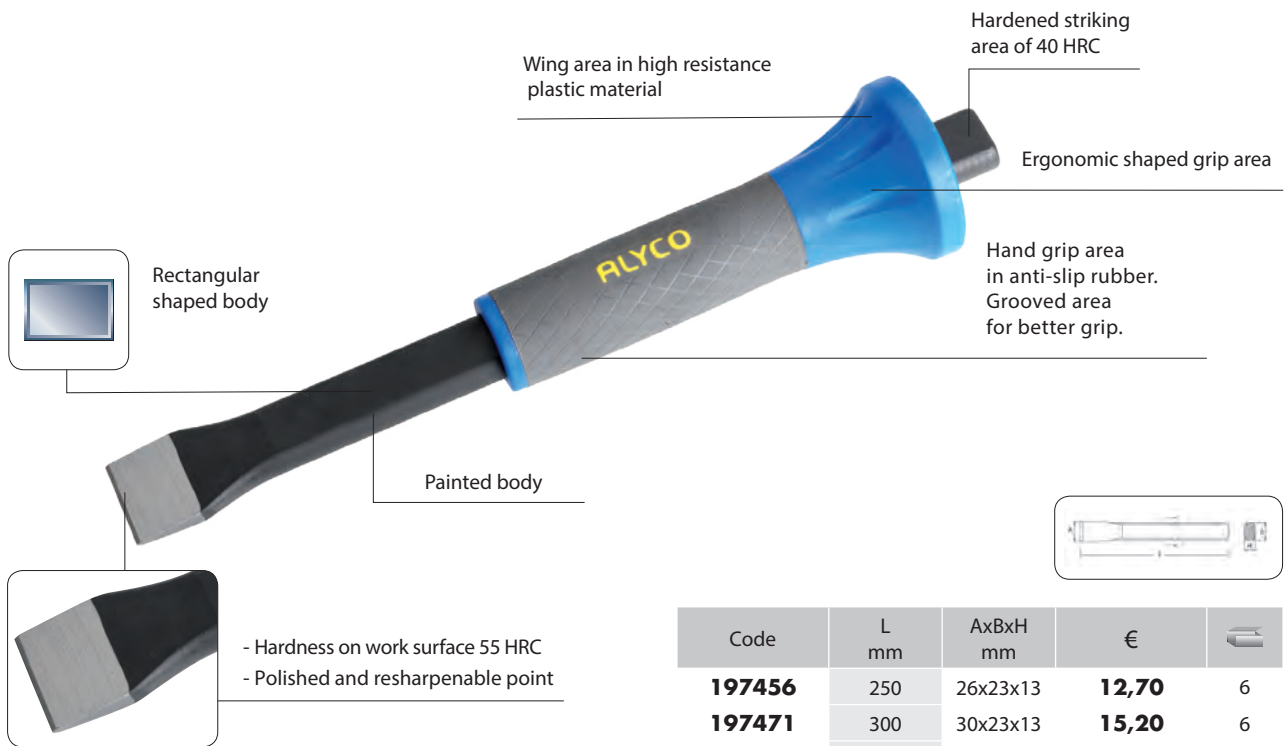
6 200 x 14 mm mason's chisels	6 200 x 14 mm point chisels
6 250 x 16 mm mason's chisels	6 250 x 16 mm point chisels
6 300 x 16 mm mason's chisels	6 300 x 16 mm point chisels
6 350 x 18 mm mason's chisels	6 350 x 18 mm point chisels
6 400 x 18 mm mason's chisels	6 400 x 18 mm point chisels

Code	No. of Items	€	
<b>196979</b>	60	<b>440,00</b>	1



## Flat chisel with hand guard

CR-SI-MO  
STEEL



Code	L mm	AxBxH mm	€	
<b>197456</b>	250	26x23x13	<b>12,70</b>	6
<b>197471</b>	300	30x23x13	<b>15,20</b>	6
<b>197473</b>	350	30x23x13	<b>16,00</b>	6
<b>197475</b>	400	30x23x13	<b>17,50</b>	6

## Flat chisel

CR-SI-MO  
STEEL



Code	L mm	AxBxH mm	€	
<b>197450</b>	200	24x23x13	<b>10,00</b>	6
<b>197455</b>	250	26x23x13	<b>10,50</b>	6
<b>197470</b>	300	30x23x13	<b>12,00</b>	6
<b>197472</b>	350	30x23x13	<b>13,00</b>	6
<b>197474</b>	400	30x23x13	<b>16,50</b>	6

## Brick bolster

CR-SI-MO  
STEEL



- Resharpenable polished tips
- Painted presentation

Code	L mm	AxBxH mm	€	
<b>197460</b>	250	50x23x13	<b>15,00</b>	6
<b>197465</b>	250	70x23x13	<b>17,50</b>	6

## Brick bolster with hand guard



Code	L mm	AxBxH mm	€	
<b>197461</b>	250	50x23x13	<b>18,30</b>	6
<b>197466</b>	250	70x23x13	<b>20,70</b>	6

**Flat chisel**

CR-SI-MO  
STEEL



- Resharpenable polished tips
- Painted presentation



Code	L mm	BxH mm	€	
<b>197480</b>	240	25x7	<b>10,00</b>	6

**Cross chisel with hand guard**



Code	L mm	BxH mm	€	
<b>197481</b>	240	25x7	<b>12,30</b>	6

**Cross chisel**

CR-SI-MO  
STEEL



- Resharpenable polished tips
- Painted presentation



Code	L mm	BxH mm	€	
<b>197001</b>	200	23x13	<b>9,90</b>	6
<b>197003</b>	250	23x13	<b>11,50</b>	6

**Bimaterial hand guard**



For flat chisels, mason's chisels and cross chisels

Code	L mm	For	€	
<b>196994</b>	150	-	<b>4,00</b>	6
<b>196989</b>	130	197480	<b>3,71</b>	6

**Chisels and punches displayer**



**CONTENTS**

- 6 flat chisels of 200 mm
- 6 flat chisels of 300 mm
- 6 drift punches of 6 mm
- 6 pin punches of 3 mm
- 6 pin punches of 5 mm
- 6 center punches of 4 mm
- 6 flat chisels of 250 mm
- 6 drift punches of 3 mm
- 6 pin punches of 2 mm
- 6 pin punches of 4 mm
- 6 pin punches of 6 mm

Code	No. of Items	€	
<b>196995</b>	66	<b>465,00</b>	1



## 09 Cutting and drilling



**Heavy duty Hacksaw** 183



**Handsaw** 184



**Saw** 185



**Cutter** 186



**Aluminum foldable cutter** 188



**Wood chisel** 189



**File** 190



**Files set** 193



**Metal brush** 194



**Hand brush** 197



**Hole saw blade** 198



**Drill** 200



**Tap and die set** 201



**Masonry drill** 202



**Wood and plastic drill** 204



**Auger bit** 205



**Heavy duty hacksaw**



Including hacksaw blade for wood and plastic of 6 tpi

**MAX TENSION OF THE BLADE: 2000 Kg /cm<sup>2</sup>**

- Hacksaw frame made of aluminium alloy
- Fastening and adjusting lever
- Handle covered in antislip material (rubber)
- Option of fastening the blade for 45° or 90° angle
- Housing for storing blades

Code	L total mm	€	
<b>144093</b>	400	<b>19,77</b>	6

**Aluminium hacksaw**



**BIMETALIC BLADE 300 MM LONG**

- Aluminium alloy body
- Fastening and adjusting the blade tension by wing nut
- Option of fastening the blade at 45° or 90°
- Option of setting with the blade projecting to use as a keyhole saw
- Hacksaw blade store

Code	L total mm	€	
<b>144004</b>	400	<b>13,00</b>	6

**Mini hacksaw**



**INCLUDES:**  
**+1**  
**Blade 24 Tpi**

- Hacksaw frame made of Aluminium alloy material.
- With wheel for locking the blade.
- Hacksaw blade length can be adjusted.
- Blade made of Carbon Steel.

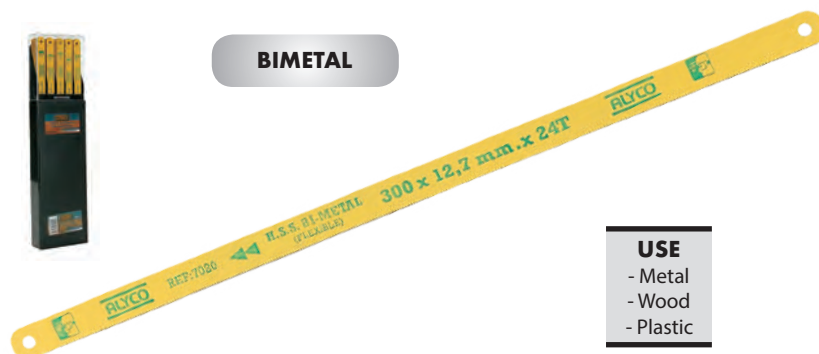
Code	L mm	€	
<b>144000</b>	230	<b>7,50</b>	12

**Display with blister**

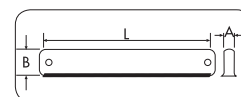
**Bimetal hacksaw blade**



**BIMETAL**



**USE**  
- Metal  
- Wood  
- Plastic



**300x13x0,65 mm**

- Frame manufactured in highly flexible steel alloy
- HSS edge welded to the steel alloy body
- Completely tempered between 63-67 HRC for great strength

Code	Nº dientes	€	
<b>197260</b>	24	<b>1,82</b>	100

**Display in 100 units box**

## Junior hacksaw

BLADE 150 MM LONG



INCLUDES:



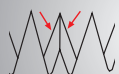
- Steel body
- Bimaterial handle in strong plastic ABS and anti-slip rubber TPR
- Bimetal hacksaw blade of Carbon 24 tpi

Code	L total mm	€	
<b>144035</b>	225	<b>7,50</b>	6
<b>SPARE BLADE</b>			
<b>144036</b>		<b>0,56</b>	10

Display in blister with 10 units

## Handsaw

### STANDARD TEETH



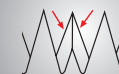
- Two cutting surfaces.
- Forward and reverse cut



Code	L "	L mm	€	
<b>144055</b>	16	400	<b>10,00</b>	6
<b>144065</b>	18	450	<b>11,00</b>	6
<b>144075</b>	22	550	<b>13,00</b>	6

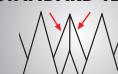
## Backsaw

### STANDARD TEETH



## Dovetail saw

### STANDARD TEETH



Code	L "	L mm	€	
<b>144086</b>	10	250	<b>7,27</b>	10

Code	L "	L mm	€	
<b>144088</b>	12	300	<b>9,00</b>	10

## Backsaw for PVC



### USE:

- Plastic
- Plasterboard
- Wooden coverings
- Wooden plywood

- Blade made of steel
- Induction hardened teeth
- Pointed blade for easy use in plaster
- Heavy duty bimaterial handle

Code	L "	L mm	€	
<b>144087</b>	10	250	<b>9,39</b>	6

**Handsaw + Mitre box pack**



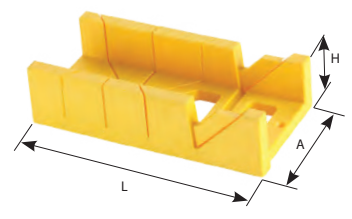
144088



144045

Code	€	
<b>144046</b>	<b>15,83</b>	1

**Mitre plastic box**



• Manufactured in ABS hard plastic

Code	L mm	A mm	H mm	€	
<b>144040</b>	300	80	60	<b>5,54</b>	1
<b>144045</b>	300	140	60	<b>7,49</b>	1

**Saw blade**



**160 MM LONG BLADE**

Code	L "	L mm	€	
<b>144098</b>	12	300	<b>8,50</b>	6

**Compass saw**



**325 MM LONG BLADE**

Code	L "	L mm	€	
<b>144099</b>	18,5	470	<b>9,50</b>	6

**Bowsaw**



Code	L blade "	L blade mm	€	
<b>144020</b>	21	525	<b>8,50</b>	6
<b>144025</b>	24	600	<b>9,50</b>	6
<b>144030</b>	30	750	<b>11,00</b>	6

**Bowsaw blade. Standard teeth**

**FOR DRY WOOD**



• Bowsaw blade made of Carbon steel



Code	L "	L mm	€	
<b>144021</b>	21	525	<b>1,90</b>	10
<b>144026</b>	24	600	<b>2,20</b>	10
<b>144031</b>	30	750	<b>2,30</b>	10

**Bowsaw blade. American teeth**

**FOR GREEN WOOD**



Code	L "	L mm	€	
<b>144022</b>	21	525	<b>1,80</b>	10
<b>144027</b>	24	600	<b>2,00</b>	10
<b>144032</b>	30	750	<b>2,20</b>	10

## CHARACTERISTICS OF THE BLADES

### CERAMICS



LIFETIME

**x40**

ANTI  
CORROSIÓN



FEEDING



RECOMMENDED FOR:

Acid environments, salt water,  
corrosion and presence of food

Abrasion resistant, does  
not react with  
food and prevents odors

### STEEL SK2H



PRECISION  
CUTTING

**x5**

LIFETIME

**x3**

### STEEL SK2



PRECISION  
CUTTING

**x1,3**

LIFETIME

**x2**

Comparison in service life and precision cutting with SK5 steel blades

Code	Dispenser	Blade	Material	Dimension	No. of blades container	For cutter	€	
186640			SK2H	60 mm	10	186650 • 186660	<b>2,45</b>	10
186642			SK2	60 mm	10	186650 • 186660	<b>1,36</b>	10
186645			SK2H	49 mm	10	186650 • 186660	<b>3,22</b>	10
186612			SK2H	9 mm	10	186609 • 186610	<b>2,34</b>	10
186632			SK2H	18 mm	10	186618 • 186619 186615 • 186616	<b>2,72</b>	10
186630			SK2	18 mm	10	186618 • 186619 186615 • 186616	<b>1,40</b>	10
186635			CERAMIC	18 mm	10	186618 • 186619 186615 • 186616	<b>16,90</b>	10
186626			SK2H	25 mm	10	186625	<b>4,43</b>	10

10 unit package sale unit

### 18mm reinforced cutter



STEEL SK2H

18 mm

Knife with metal slides



Snap-off blades with  
8 usable cutting edges

Ergonomic handle

Autolock fix button

Reinforced aluminum  
handle



160x90x20 mm  
120 gr

**SUITABLE BLADES:**  
186632/186630/186635  
see above

Code	€	
<b>186615</b>	<b>5,55</b>	10

Display with blister

New

### 18 mm safety cutter



STEEL SK2H

18 mm

Metal guides  
0.8 mm stainless steel



The blade retracts if it is  
not pressed, avoiding  
accidental cuts



Snap-off blades with  
8 usable cutting edges

Handle with antislip  
design

Button to hold the blade

Autolock fix button



190x45x22 mm  
85 gr

**SUITABLE BLADES:**  
186632/186630/186635  
see above

Code	€	
<b>186616</b>	<b>4,75</b>	10

Display with blister

New




**New**

**18mm cutter with locking button**

**18 mm**  
STEEL SK2H

**SUITABLE BLADES:**  
186630 / 186632 / 186635  
See page 186

  
160x45x20 mm  
65 gr



- Metal guide in stainless steel. 0.8 mm
- ABS plastic handle coated with rigid and non-slip TPR rubber
- Warehouse for two blades


Code	€	
<b>186618</b>	<b>3,34</b>	10

**Display with blister**

**18mm cutter with safety screw**

**18 mm**  
STEEL SK2H

**SUITABLE BLADES:**  
186630 / 186632 / 186635  
See page 186

  
160x45x20 mm  
65 gr



- Metal guide in stainless steel. 0.8 mm
- ABS plastic handle coated with rigid and non-slip TPR rubber
- Warehouse for two blades

Code	€	
<b>186619</b>	<b>3,43</b>	10


**Display with blister**

**New**


**18mm cutter + dispenser + nylon bag**

**18 mm**  
STEEL SK2H




  
190x70x50 mm  
180 gr



  
**+10**

- CONTENTS**
- 18 mm knife 195618
  - 10 blade dispenser 186632
  - Nylon pouch

Code	No. of items	€	
<b>186622</b>	3	<b>10,50</b>	6

**Display with blister**

**New**

**25 mm cutter with safety screw**

**25 mm**  
STEEL SK2H

**SUITABL BLADES:**  
186626  
See page 186

  
175x40x35 mm  
125 gr



- Metal guide in stainless steel. 1 mm
- ABS plastic handle coated with rigid and non-slip TPR rubber
- Warehouse for two blades


Code	€	
<b>186625</b>	<b>4,60</b>	10

**Display with blister**

**New**

### 9 mm cutter



  
145x20x15 mm  
20 gr



#### SUITABLE BLADES:

186612  
See page 186

**New**


- Metal guide in stainless steel. 0.8 mm
- ABS plastic handle coated with rigid and non-slip TPR rubber

Code	€	
<b>186609</b>	<b>2,20</b>	10

**Display with blister**

### 9 mm extra fine cutter



  
150x13x13 mm  
18 gr



#### SUITABLE BLADES:

186612  
See page 186

**New**

- Metal guide in stainless steel. 0.8 mm
- ABS plastic handle coated with rigid and non-slip TPR rubber

Code	€	
<b>186610</b>	<b>2,25</b>	10

**Display with blister**

### Aluminium foldable cutter




#### SUITABLE BLADES:

186640 / 186642 / 186645  
See page 186

**New**

- SK2H Steel blade with plastic protector
- Stainless steel body
- Roulette for quick blade change
- Ergonomic anodized aluminium handle
- Metal clip on the back to hang

Code	L mm		€	
	closed	open		
<b>186660</b>	110	160	<b>12,00</b>	6


**Display with blister**

### Safety cutter



The blade retracts if it is not pressed, avoiding accidental cuts

**VERY LIGHT**

  
155x40x26 mm  
75 gr



#### SUITABLE BLADES:

186640 / 186642 / 186645  
See page 186

**New**

- Metal guide in stainless steel. 0.8 mm
- ABS plastic handle

Code	€	
<b>186650</b>	<b>4,00</b>	10

**Display with blister**

**Wood chisel, bimaterial handle**

CARBON  
STEEL



Code	A mm	€	
125001	6	9,84	6
125002	8	9,85	6
125003	10	10,28	6
125004	12	10,33	6
125005	14	10,35	6
125035	16	10,54	6
125007	18	11,74	6
125008	20	12,03	6
125009	22	13,27	6
125010	25	14,61	6
125011	30	15,00	6
125036	32	15,50	6
125012	35	16,00	6
125037	38	16,50	6

Display with hanger

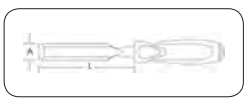
**Wood chise, wooden handle**

CARBON  
STEEL



Code	A mm	€	
125013	6	9,96	6
125014	8	10,00	6
125015	10	10,84	6
125016	12	11,06	6
125017	14	11,67	6
125038	16	11,97	6
125019	18	12,67	6
125020	20	12,91	6
125021	22	14,38	6
125022	25	15,35	6
125023	30	16,69	6
125039	32	17,32	6
125024	35	18,00	6
125040	38	18,48	6

Display with hanger



- Polished blade surface
- Metal reinforcement for striking
- Display with blade guard
- Handle with ergonomic shape


**Wood chisels set**



125050




125060

CONTENTS 3 chisels: 12, 20, 25 mm			
Code	No. of items	€	
125050	3	38,00	1
125060	3	40,00	1

**100 mm wide reinforced scraper**

INCLUDES:  
**+10**  
Blades



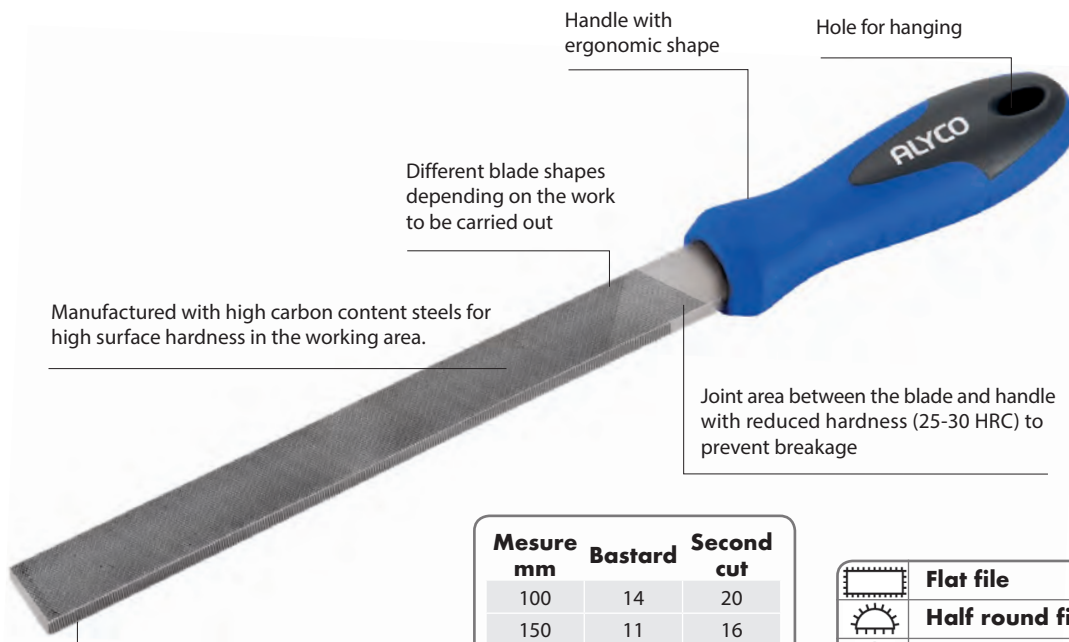
Code	L mm	€	
195580	300	11,00	6

Display with blister

SPARE BLADES			
Code		€	
195582		1,75	10

Display with blister of 10 units

## Files



Tempered work area between 60-65 HRC

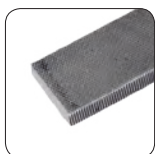
Mesure mm	Bastard	Second cut
100	14	20
150	11	16
200	10	14
250	9	12
300	8	11

No. of teeth per 10 mm

	Flat file
	Half round file
	Round file
	Square file
	Triangular file

## Flat file

CARBON STEEL



SECOND CUT					
Code	L "	L mm	No. of teeth	€	
<b>197499</b>	4	100	20	<b>4,29</b>	6
<b>197500</b>	6	150	16	<b>5,09</b>	6
<b>197502</b>	8	200	14	<b>7,46</b>	6
<b>197504</b>	10	250	12	<b>10,02</b>	6
<b>197505</b>	12	300	11	<b>12,65</b>	6
<b>197506</b>	14	350	10	<b>13,40</b>	6

BASTARD CUT					
Code	L "	L mm	No. of teeth	€	
<b>197702</b>	8	200	10	<b>6,95</b>	6
<b>197704</b>	10	250	9	<b>9,33</b>	6
<b>197705</b>	12	300	8	<b>11,77</b>	6

Display with hunger

## Half round file

CARBON STEEL



SECOND CUT					
Code	L "	L mm	No. of teeth	€	
<b>197509</b>	4	100	20	<b>4,59</b>	6
<b>197510</b>	6	150	16	<b>5,39</b>	6
<b>197512</b>	8	200	14	<b>8,08</b>	6
<b>197514</b>	10	250	12	<b>11,25</b>	6
<b>197515</b>	12	300	11	<b>13,42</b>	6
<b>197516</b>	14	350	10	<b>14,62</b>	6

BASTARD CUT					
Code	L "	L mm	No. of teeth	€	
<b>197710</b>	8	200	10	<b>7,52</b>	6
<b>197712</b>	10	250	9	<b>10,47</b>	6
<b>197714</b>	12	300	8	<b>12,48</b>	6

Display with hunger



**Round file**

CARBON  
STEEL



SECOND CUT					
Code	L "	L mm	No. of teeth	€	
<b>197518</b>	4	100	20	<b>4,00</b>	6
<b>197519</b>	6	150	16	<b>4,58</b>	6
<b>197520</b>	8	200	14	<b>6,50</b>	6
<b>197521</b>	10	250	12	<b>8,91</b>	6

BASTARD CUT					
Code	L "	L mm	No. of teeth	€	
<b>197720</b>	8	200	10	<b>6,02</b>	6
<b>197721</b>	10	250	9	<b>8,29</b>	6

Display with blister

**Square file**

CARBON  
STEEL



SECOND CUT					
Code	L "	L mm	No. of teeth	€	
<b>197524</b>	6	150	16	<b>5,00</b>	6
<b>197525</b>	8	200	14	<b>6,52</b>	6
<b>197526</b>	10	250	12	<b>8,97</b>	6

BASTARD CUT					
Code	L "	L mm	No. of teeth	€	
<b>197725</b>	8	200	10	<b>5,84</b>	6

Display with blister

**Chainsaw file**



**Specially designed for sharpening chain saws**

**Triangular file**

CARBON  
STEEL



SECOND CUT					
Code	L "	L mm	No. of teeth	€	
<b>197528</b>	4	100	20	<b>3,82</b>	6
<b>197529</b>	6	150	16	<b>5,00</b>	6
<b>197530</b>	8	200	14	<b>6,90</b>	6
<b>197531</b>	10	250	12	<b>9,16</b>	6

BASTARD CUT					
Code	L "	L mm	No. of teeth	€	
<b>197730</b>	8	200	10	<b>6,22</b>	6

Display with blister

Code	L mm	Ø mm	€	
<b>197601</b>	150	3,5	<b>2,50</b>	6
<b>197603</b>	200	4,5	<b>2,70</b>	6
<b>197605</b>	200	5,5	<b>2,85</b>	6

Display with blister






## Files set, nylon pouch




### SECOND CUT 200 MM



#### CONTENTS

-  • 1 flat file of 200 mm (197502)
-  • 1 half round file of 200 mm (197512)
-  • 1 round file (197520)
-  • 1 square file (197525)
-  • 1 triangular file (197530)






Code	No. of items	€	
<b>197550</b>	5	<b>35,44</b>	1




### SECOND CUT 150 MM



#### CONTENTS

-  • 1 flat file of 150 mm (197500)
-  • 1 half round file of 150 mm (197510)
-  • 1 round file 150 mm (197519)
-  • 1 square file 150 mm (197524)
-  • 1 triangular file 150 mm (197529)

Code	No. of items	€	
<b>197552</b>	5	<b>24,68</b>	1






## Files set, nylon pouch




### BASTARD L 200 MM



#### CONTENTS

-  • 1 flat file of 200 mm (197702)
-  • 1 half round file of 200 mm (197710)
-  • 1 round file 200 mm (197720)
-  • 1 square file 200 mm (197725)
-  • 1 triangular file 200 mm (197730)

Code	No. of items	€	
<b>197554</b>	5	<b>37,00</b>	1







## Needle files set




### Ø 3 MM L 100 MM

- Steel alloy of HRC62
- Length of blade 100 mm

#### CONTENTS

-  • 1 flat file of 100 mm
-  • 1 half round file of 100 mm
-  • 1 round file 100 mm
-  • 1 square file 100 mm
-  • 1 triangular file 100 mm
-  • 1 file plane tip of 100 mm

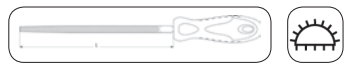
Code	No. of items	€	
<b>197495</b>	6	<b>10,70</b>	1

**Half round rasp for woodworking**

CARBON STEEL



- Working area tempered between 60 - 65 HRC
- Special teeth for wood working
- Handle with ergonomic shape

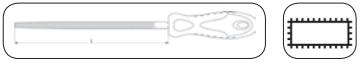


Code	L "	L mm	€	
<b>197539</b>	6	150	<b>4,97</b>	6
<b>197540</b>	8	200	<b>7,80</b>	6
<b>197541</b>	10	250	<b>10,33</b>	6

Display with hanger

**Flat rasp for woodworking**

CARBON STEEL



Code	L "	L mm	€	
<b>197534</b>	6	150	<b>5,00</b>	6
<b>197535</b>	8	200	<b>7,15</b>	6
<b>197536</b>	10	250	<b>9,75</b>	6

Display with hanger

**Round rasp for woodworking**

CARBON STEEL



Code	L "	L mm	€	
<b>197544</b>	6	150	<b>4,20</b>	6
<b>197545</b>	8	200	<b>6,14</b>	6
<b>197546</b>	10	250	<b>8,52</b>	6

Display with hanger

**Rasps for woodworking set**

L 200 MM



- CONTENTS**
- 1 200 mm flat rasp (197535)
  - 1 200 mm half round rasp (197540)
  - 1 200 mm round rasp (197545)

Code	No. of items	€	
<b>197549</b>	3	<b>21,10</b>	1

**Mini rasps set, in plastic case**

Ø 3 MM  
L 100 MM



- CONTENTS**
- 1 flat minifile 100 mm long
  - 1 half round minifile 100 mm long
  - 1 round minifile 100 mm long
  - 1 square minifile 100 mm long
  - 1 triangular minifile 100 mm long
  - 1 flat tip minifile 100 mm long

Code	No. of items	€	
<b>197497</b>	6	<b>13,32</b>	1

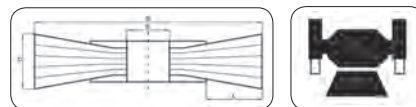
## Crimped wire circular brush



For cleaning rust from forged and cast parts. Removal of all types of oxides, paint and burrs.



Each brush supplied with different central bushes diametres: Ø 12, 16, 20, 22, 25 and 32 mm



Code	Ø D mm	Raws	Width (C)	L mm	E mm	Max.RPM	€	
<b>197602</b>	150	5	20	30	32	6500	<b>14,44</b>	1
<b>197604</b>	175	5	20	45	32	6000	<b>15,94</b>	1
<b>197606</b>	200	5	20	55	32	4500	<b>18,12</b>	1

Display in individual case

## Crimped wire circular brush



For cleaning rust from forged and cast parts. Removal of all types of oxides, paint and burrs.



Fastening of cup brush with an M14 threaded socket



Code	Ø D mm	Width C	L mm	Max. RPM	€	
<b>197650</b>	115	20	30	8500	<b>9,50</b>	1
<b>197652</b>	115	20	30	8500	<b>18,00</b>	1

Display in individual case

## Crimped wire cup brush for angle grinders



Specially designed for use with a angle grinder



Fastening of cup brush with an M14 threaded socket



Code	Ø D mm	L mm	Máx. RPM	€	
<b>197610</b>	75	20	12500	<b>9,00</b>	1
<b>197614</b>	100	25	8500	<b>13,50</b>	1
<b>197612</b>	125	25	6500	<b>16,00</b>	1

Display in individual case



**Twist knot wire cup brush**



Fastening of cup brush with an M14 threaded socket



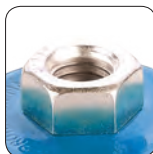
**Specially suitable for work on wide surfaces that requires a high material cutting capacity**



Code	Ø D mm	L mm	Max. RPM	€	
<b>197622</b>	100	25	8500	<b>16,71</b>	1
<b>197624</b>	125	25	6500	<b>20,77</b>	1

Display in individual case

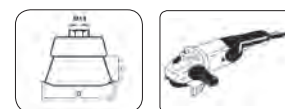
**Twist knot cup brush for angle grinders**



Fastening of cup brush with an M14 threaded socket



**Specially designed for use with a angle grinder**



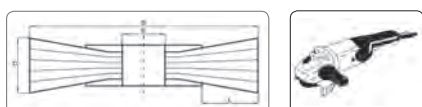
Code	Ø D mm	L mm	Máx. RPM	€	
<b>197620</b>	75	25	12500	<b>10,00</b>	1

Display in individual case

**Rotary soft brush**



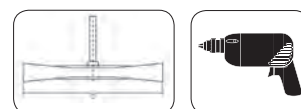
**Used to lift paint**



Code	Ø D mm	Width C	L mm	E mm	€	
<b>197651</b>	100	15	35	12	<b>10,00</b>	6

Display with blister

**Rotary soft brush with shank**



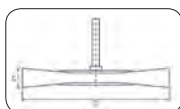
Code	Ø D mm	€	
<b>197656</b>	75	<b>6,01</b>	6

Display with blister

## Crimped wire rotary brush with shank



Cleaning and removal of paint, rust and small burrs



Code	Ø D mm	Width C	Max. RPM	€	
<b>197630</b>	50	6	4500	<b>2,30</b>	6
<b>197632</b>	75	6	4500	<b>3,02</b>	6
<b>197635</b>	100	6	4500	<b>3,80</b>	6

Display with blister

## Crimped wire cup brush with shank



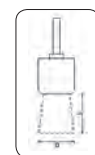
Code	Ø D mm	L mm	Máx. RPM	€	
<b>197640</b>	50	20	4500	<b>2,46</b>	6
<b>197642</b>	75	20	4500	<b>3,25</b>	6

Display with blister

## Crimped wire flat trim brush with shank



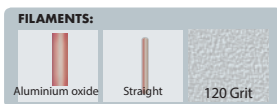
Particularly suitable for work in confined spaces



Code	Ø D mm	L mm	Máx. RPM	€	
<b>197645</b>	24	25	4500	<b>3,54</b>	6

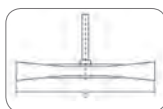
Display with blister

## Nylon abrasive wheel brush with shank



Nylon filaments with abrasive grit

For use in DIY works



Code	Ø D mm	Máx. RPM	€	
<b>197655</b>	75	4500	<b>6,85</b>	6
<b>197658</b>	100	4500	<b>8,07</b>	6

Display with blister

## Nylon abrasive cup brush with shank

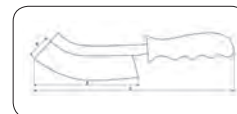


Code	Ø D mm	L mm	Máx. RPM	€	
<b>197660</b>	50	20	4500	<b>7,00</b>	6
<b>197662</b>	75	20	4500	<b>7,91</b>	6

Display with blister

**Heavy duty wire brush**

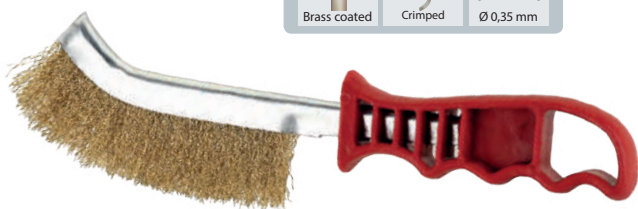
**25% MORE DENSITY OF WIRES**



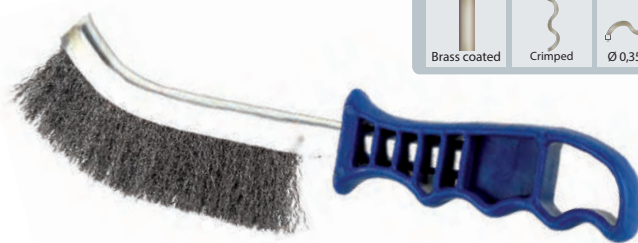
**Brushes for light tasks. Particularly suitable for brushing in confined spaces**

Code	L mm	A mm	S mm	€	
<b>197556</b>	225	28	125	<b>2,40</b>	24

**Wire brush**



**Wire brush for stainless steel**



Particularly suitable for brushing stainless Steel

Code	L mm	A mm	S mm	€	
<b>197555</b>	225	28	125	<b>1,91</b>	24

Code	L mm	A mm	S mm	€	
<b>197558</b>	225	28	125	<b>4,30</b>	24

**Brass coated steel minibrush**



**Stainless steel minibrush**



Particularly suitable for brushing stainless Steel

Code	L mm	€	
<b>197561</b>	150	<b>2,50</b>	24

Code	L mm	€	
<b>197562</b>	150	<b>2,60</b>	24

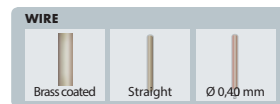
**Scratch wire brushes with wooden handle**



Brushes for cleaning of paint-work, oxides and small burrs etc.

Code	L mm	A mm	S mm	€	
<b>197560</b>	300	28	135	<b>2,21</b>	12

**Hand foundry brush**



For heavy brushing tasks

Code	L mm	A mm	€	
<b>197565</b>	200	34	<b>3,80</b>	12



## Bimetal hole saw

**BIMETAL**



Very suitable for cutting steel, hardwood, plywood and plastics in general

Maximum cutting depth of 38 mm



Solid cap for reducing the vibrations during cutting work



4/6 variable pitch teeth with positive cutting angle

Side openings for removal of cut material

### TECHNICAL DIRECTIONS:

A user guide is included in each box with the max. RPMs depending on the material to be cut and the hole saw diameter.

- High speed steel teeth. Tempered between 63-65 HRC
- Body of hole saws made of alloy steel of high flexibility
- Teeth welded to the body

Code	Ø mm	€		Code	Ø mm	€		Code	Ø mm	€	
197014	14	8,24	1	197041	41	11,76	1	197076	76	18,13	1
197016	16	8,24	1	197043	43	12,03	1	197079	79	18,87	1
197017	17	8,24	1	197044	44	12,47	1	197083	83	19,78	1
197019	19	8,24	1	197046	46	12,78	1	197086	86	20,08	1
197020	20	8,24	1	197048	48	12,78	1	197089	89	20,86	1
197021	21	8,53	1	197051	51	13,17	1	197092	92	22,77	1
197022	22	8,53	1	197052	52	13,26	1	197095	95	24,53	1
197024	24	8,92	1	197054	54	13,49	1	197098	98	25,54	1
197025	25	8,92	1	197056	56	13,69	1	197102	102	26,97	1
197027	27	9,60	1	197057	57	13,87	1	197105	105	28,40	1
197029	29	9,60	1	197059	59	14,25	1	197108	108	34,83	1
197030	30	10,34	1	197060	60	14,62	1	197111	111	37,48	1
197032	32	10,34	1	197064	64	15,29	1	197114	114	42,17	1
197033	33	10,34	1	197065	65	15,64	1	197121	121	48,30	1
197035	35	11,05	1	197067	67	16,02	1	197127	127	51,61	1
197037	37	11,19	1	197068	68	16,34	1	197140	140	61,15	1
197038	38	11,36	1	197070	70	16,72	1	197152	152	65,24	1
197040	40	11,76	1	197073	73	17,45	1				

## Arbor for hole saws

FOR HOLE SAWS  
Ø 14-30 MM



- Arbors made of alloy steel of high elasticity
- Pilot drill made of high speed steel (HSS)

Code	Hexag.	€	
197210	3/8"	10,00	1

FOR HOLE SAWS  
Ø 32-152 MM



Code	Hexag.	€	
197200	7/16"	16,00	1



**SDS plus arbor for hole saws**

**FOR HOLE SAWS  
Ø 32-152 MM**



SDS-Plus shank

Code	€	
<b>197212</b>	<b>19,00</b>	1

**Electrician's hole saw set**



**CONTENTS**

- 6 Bimetal hole saws: 22, 29, 35, 44, 51, 64 mm
- 2 Arbours for hole saws: 7/16" (32-152), 3/8" (14-30)
- 1 Hex key for arbors

Code	No. of items	€	
<b>197160</b>	9	<b>85,00</b>	1

**Plumber & electrician's hole saw set**



**CONTENTS**

- 9 Bimetal hole saws: 19, 22, 29, 35, 38, 44, 51, 57, 64 mm
- 2 Arbours for hole saws: 7/16" (32-152), 3/8" (14-30)
- 1 Hex key for arbors

Code	No. of items	€	
<b>197170</b>	12	<b>105,00</b>	1

**Spare pilot drill for arbors**



Code	L mm	€	
<b>197215</b>	1/4"x81	<b>3,77</b>	10
<b>197220</b>	1/4"x102	<b>3,92</b>	10

**Hole saw arbor extension bar**



Code	L mm	€	
<b>197250</b>	300	<b>15,04</b>	1

**Hole saw adapter**



• Adapter for use with hole saws from 32 mm onwards with 3/8" arbor

Code	€	
<b>197230</b>	<b>5,41</b>	10

**Hole saw spring**

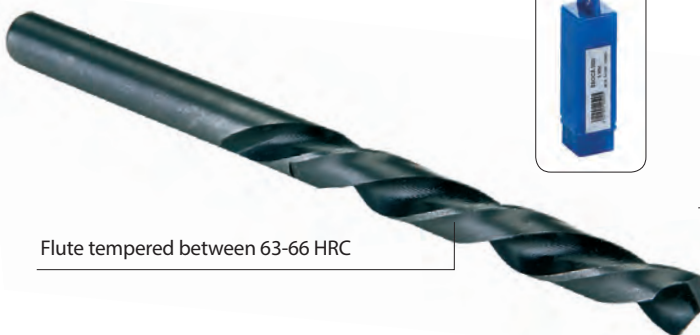


Code	€	
<b>197240</b>	<b>0,94</b>	10

## HSS twist drill for metal

DIN  
338

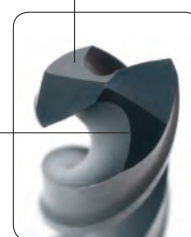
HSS  
STEEL



Flute tempered between 63-66 HRC



135° angle  
point



Split point sharpening

Code	Ø mm	€		Code	Ø mm	€		Code	Ø mm	€	
120100	1	0,40	10	120525	5,25	0,90	10	120925	9,25	2,60	10
120125	1,25	0,42	10	120550	5,50	0,90	10	120950	9,50	3,00	10
120150	1,50	0,42	10	120575	5,75	0,90	10	120975	9,75	3,00	10
120175	1,75	0,42	10	120600	6	1,20	10	121000	10	3,40	10
120200	2	0,42	10	120625	6,25	1,20	10	121025	10,25	3,40	5
120225	2,25	0,42	10	120650	6,50	1,30	10	121050	10,50	3,70	5
120250	2,50	0,42	10	120675	6,75	1,30	10	121075	10,75	4,00	5
120275	2,75	0,42	10	120700	7	1,50	10	121100	11	4,20	5
120300	3	0,50	10	120725	7,25	1,50	10	121125	11,25	4,20	5
120325	3,25	0,50	10	120750	7,50	1,50	10	121150	11,50	4,20	5
120350	3,50	0,70	10	120775	7,75	1,50	10	121175	11,75	4,20	5
120375	3,75	0,70	10	120800	8	2,00	10	121200	12	5,50	5
120400	4	0,75	10	120825	8,25	2,00	10	121225	12,25	5,50	5
120425	4,25	0,75	10	120850	8,50	2,00	10	121250	12,50	5,50	5
120450	4,50	0,75	10	120875	8,75	2,00	10	121275	12,75	5,50	5
120475	4,75	0,80	10	120900	9	2,60	10	121300	13	6,00	5
120500	5	0,90	10								

## HSS twist drill set in plastic case



**CONTENTS** 1-10 x 0,5 mm  
1, 1'5, 2, 2'5, 3, 3'5, 4, 4'5, 5, 5'5, 6, 6'5, 7, 7'5, 8,  
8'5, 9, 9'5, 10 mm

Code	No. of items	€	
121320	19	34,04	1



**CONTENTS** 1-13 x 0,5 mm  
1, 1'5, 2, 2'5, 3, 3'5, 4, 4'5, 5, 5'5, 6, 6'5, 7, 7'5, 8,  
8'5, 9, 9'5, 10, 10'5, 11, 11'5, 12, 12'5, 13 mm

Code	No. of items	€	
121330	25	69,88	1

**HSS twist drill set**



**CONTENTS** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 mm

Code	No. of items	€	
<b>121310</b>	10	<b>20,00</b>	1



**CONTENTS** 1-10 x 0,5 mm  
1, 1'5, 2, 2'5, 3, 3'5, 4, 4'5, 5, 5'5, 6, 6'5, 7, 7'5, 8, 8'5, 9, 9'5, 10 mm

Code	No. of items	€	
<b>121335</b>	19	<b>31,44</b>	1

**Tap and die set**



**CONTENTS**  
• 21 Taps HSS: M3, M4, M5, M6, M8, M10, M12 (x3)  
• 7 Dies HSS: M3, M4, M5, M6, M8, M10, M12  
• 1 Die holder  
• 1 Tap wrench  
• 1 Counter sink bit

Code	No. of items	€	
<b>121350</b>	31	<b>180,00</b>	1

**Tap wrench**



Code	For metric	L mm	€	
<b>122347</b>	M3 - M12	210	<b>9,90</b>	1

Display with blister

**Die holder**



Code	Ø mm	L mm	€	
<b>122342</b>	25,4	210	<b>7,10</b>	1

Display with blister

**T-type tap wrench**

CARBON STEEL



• Satin finish coating

Code	For metric	L mm	€	
<b>122340</b>	M3 - M8	85	<b>21,35</b>	1
<b>122345</b>	M5 - M12	100	<b>24,88</b>	1

Display with hanger

## Concrete drill, straight shank




### MAIN USES:

- Concrete
- Brick
- Stone
- Tile
- Marble
- Granite
- Slate
- etc.

- Shank made of carbon Steel tempered
- Milled flute
- Tip made of Tungsten carbide, for a high cutting performance and longer life.
- High resistance to wear and torsion stress



Do not use for metal drilling

Code	Ø mm	L mm	€	
122003	3	70	1,47	10
122004	4	75	1,56	10
122005	5	85	1,66	10
122006	6	100	2,10	10
122036	6	200	3,20	5
122046	6	400	6,24	1
122007	7	100	2,18	10
122008	8	120	3,00	10
122038	8	200	3,67	5
122048	8	400	6,58	1
122009	9	120	3,02	5
122010	10	120	3,25	10
122040	10	200	5,26	5
122050	10	400	8,97	1
122011	11	150	4,64	5
122012	12	150	5,00	5
122052	12	400	11,36	1
122013	13	150	6,49	5
122014	14	150	6,97	5
122054	14	400	13,64	1
122015	15	150	8,45	1
122016	16	150	8,65	1
122056	16	400	16,83	1
122018	18	160	10,89	1
122058	18	400	19,24	1
122020	20	160	12,73	1
122060	20	400	22,65	1
122022	22	160	15,44	1
122062	22	400	26,36	1

Display with hanger

## Concrete drill, SDS plus shank




### MAIN USES:

- Concrete
- Brick
- Stone
- Tile
- Marble
- Granite
- Slate
- etc.

- Made of alloy steel tempered between 42-50 HRC
- Flute with 4 slots for a better removal of cut material provides higher drilling speed
- Tip made of Tungsten carbide for a high cutting performance
- Sand blasted finish and anti-rust oil treatment
- Drill can be used for hammering jobs



Do not use for metal drilling

Code	Ø mm	L mm	€	
122104	4	110	3,97	5
122105	5	110	3,97	5
122106	6	110	3,97	5
122126	6	210	6,74	1
122146	6	260	10,23	1
122107	7	110	5,07	5
122108	8	110	5,07	5
122128	8	210	6,43	1
122148	8	260	9,30	1
122109	9	110	5,29	5
122110	10	110	5,56	5
122130	10	210	7,87	1
122150	10	260	9,94	1
122111	11	160	7,23	1
122112	12	160	7,28	1
122132	12	210	8,83	1
122152	12	260	10,65	1
122113	13	160	11,51	1
122114	14	160	11,77	1
122134	14	210	12,96	1
122154	14	260	14,70	1
122115	15	160	13,25	1
122116	16	160	13,36	1
122136	16	210	16,23	1
122156	16	260	18,01	1
122117	17	210	21,80	1
122118	18	210	21,87	1
122119	19	210	23,73	1
122120	20	210	23,99	1

Display with hanger



## Concrete drill set in plastic case



CONTENTS			
5x110, 6x110, 8x110, 10x110 mm			
Code	No. of items	€	
<b>122170</b>	4	<b>20,00</b>	1



CONTENTS			
5x110, 6x110, 8x110, 8x160, 10x160, 12x160 mm			
Code	No. of items	€	
<b>122180</b>	6	<b>32,93</b>	1

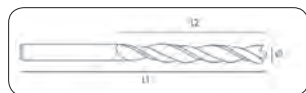


CONTENTS			
4x75, 5x85, 6x100, 8x120, 10x120 mm			
Code	No. of items	€	
<b>122070</b>	5	<b>12,00</b>	1



CONTENTS			
3x70, 4x75, 5x85, 6x100, 7x100, 8x120, 9x120, 10x120 mm			
Code	No. of items	€	
<b>122080</b>	8	<b>18,50</b>	1

## Wood and plastic drill



Code	Ø mm	€	
<b>136001</b>	3	<b>2,29</b>	12
<b>136002</b>	4	<b>2,32</b>	12
<b>136003</b>	5	<b>2,48</b>	12
<b>136004</b>	6	<b>2,49</b>	12
<b>136005</b>	7	<b>2,75</b>	12
<b>136006</b>	8	<b>2,80</b>	12
<b>136007</b>	9	<b>3,49</b>	12
<b>136008</b>	10	<b>3,68</b>	12
<b>136009</b>	11	<b>4,30</b>	12
<b>136010</b>	12	<b>5,31</b>	12
<b>136011</b>	13	<b>5,93</b>	12
<b>136012</b>	14	<b>7,41</b>	12
<b>136013</b>	15	<b>9,46</b>	12
<b>136014</b>	16	<b>11,36</b>	12

## Wood and plastic drill set in plastic case



CONTENTS			
4, 5, 6, 8, 10 mm			
Code	No. of items	€	
<b>136205</b>	5	<b>11,71</b>	1

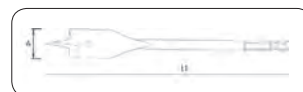


CONTENTS			
3, 4, 5, 6, 7, 8, 9, 10 mm			
Code	No. of items	€	
<b>136208</b>	8	<b>14,00</b>	1

## Flat wood bit



Quick holding system (with slotted shank)



Code	Ø mm	€		Code	Ø mm	€		Code	Ø mm	€	
135011	6	3,33	12	135004	19	4,85	12	135008	30	6,22	12
135012	8	4,36	12	135016	20	5,13	12	135009	32	6,28	12
135001	10	4,62	12	135005	22	5,22	12	135019	34	6,60	12
135002	12	4,64	12	135017	24	5,25	12	135010	35	6,72	12
135013	14	4,80	12	135006	25	5,28	12	135020	36	6,73	12
135003	16	4,81	12	135018	26	5,30	12	135021	38	6,94	12
135014	17	4,82	12	135007	28	6,18	12	135022	40	6,95	12
135015	18	4,83	12								

Display with hanger

## Flat wood bit set in nylon pouch



135070



135080

### CONTENTS

**135070** 10, 12, 16, 19, 22, 25 mm  
**135080** 8, 10, 12, 14, 16, 19, 20, 22, 25, 30, 32, 35, 38 mm + extension bar + hex key

Code	No. of items	€	
135070	6	24,76	1
135080	15	53,26	1

Display with blister

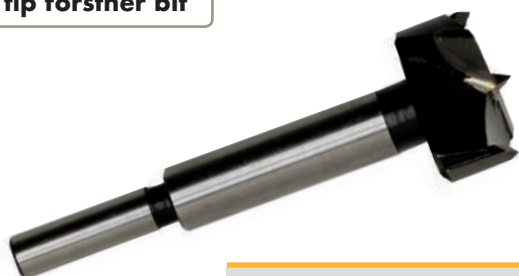
• Total length of bit with extension bar 450 mm

Code	L mm	€	
135051	300	11,91	6

## Flat wood bits extension bar



## Carbide tip forstner bit



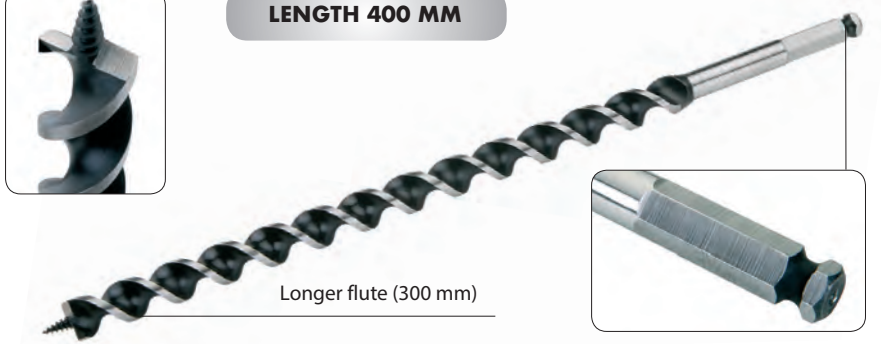
• Welded tungsten carbide tipped forstner bit

Code	Ø mm	L mm	€	
138010	15	90	8,34	6
138011	20	90	11,85	6
138001	26	90	13,76	6
138002	30	90	15,29	6
138003	35	90	16,93	6
138012	40	90	20,53	6
138013	45	90	23,37	6
138014	50	90	25,35	6

**Screw auger bits with hex shank**



**LENGTH 400 MM**



Longer flute (300 mm)



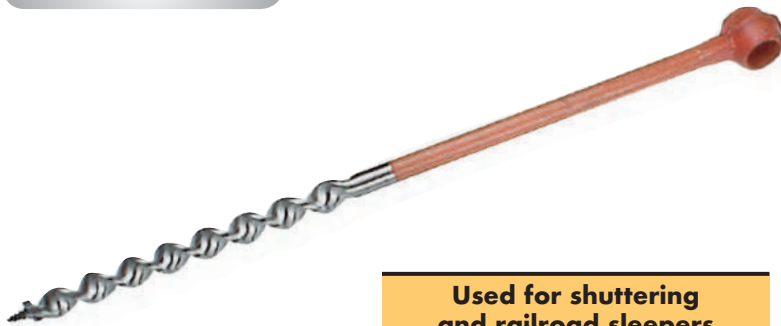
NEW HOLDING SYSTEM:  
 - Hex shank of 1/2"  
 - Quick holding slot for pneumatic and electrical appliances

- Double slot flute for a higher cutting capacity
- Screw auger bit with double cutting edge
- Tip with thread guide
- Ground cutting edges

Code	Ø mm	€	
<b>131110</b>	10	<b>19,28</b>	6
<b>131112</b>	12	<b>19,86</b>	6
<b>131114</b>	14	<b>21,00</b>	6
<b>131116</b>	16	<b>23,29</b>	6
<b>131117</b>	17	<b>24,29</b>	6
<b>131118</b>	18	<b>25,55</b>	6
<b>131120</b>	20	<b>26,27</b>	6

**Screw auger bit with eye**

**LENGTH 400 MM  
DOUBLE CUTTING EDGE**



**Used for shuttering and railroad sleepers**

Code	Ø mm	€	
<b>131002</b>	8	<b>18,97</b>	6
<b>131004</b>	10	<b>20,05</b>	6
<b>131006</b>	12	<b>20,64</b>	6
<b>131008</b>	14	<b>21,83</b>	6
<b>131010</b>	16	<b>25,00</b>	6
<b>131011</b>	17	<b>27,50</b>	6
<b>131012</b>	18	<b>28,50</b>	6
<b>131014</b>	20	<b>31,00</b>	6
<b>131016</b>	22	<b>34,00</b>	6
<b>131018</b>	24	<b>35,00</b>	6
<b>131020</b>	26	<b>36,00</b>	6
<b>131022</b>	28	<b>39,00</b>	6
<b>131024</b>	30	<b>40,00</b>	6

**Screw auger bit with half-round shank**

**DOUBLE CUTTING EDGE**



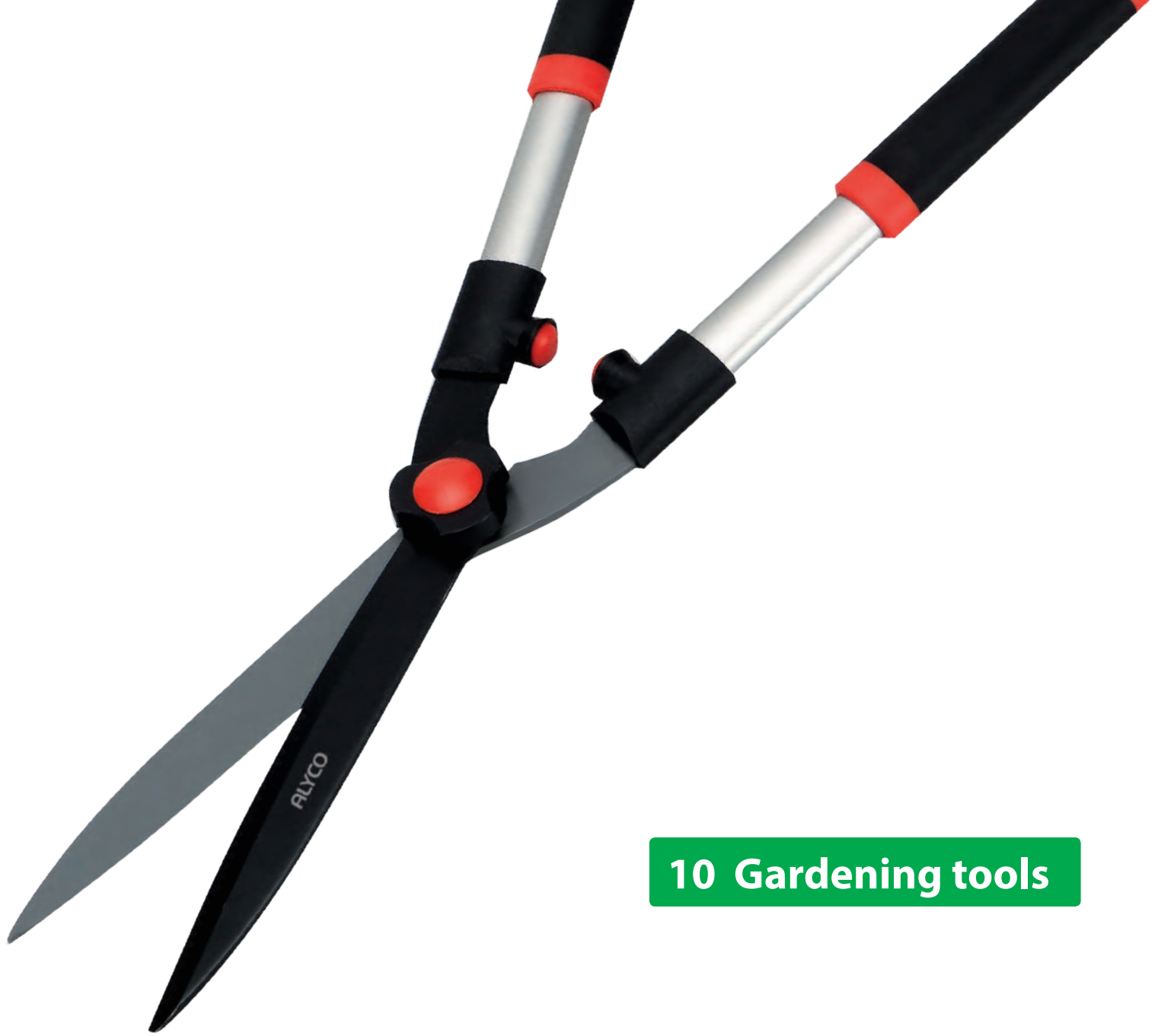
**Used for shuttering and railroad sleepers**

Code	Ø mm	L mm	€	
<b>131031</b>	16	285	<b>28,11</b>	10
<b>131032</b>	17	285	<b>30,19</b>	10
<b>131033</b>	18	285	<b>31,37</b>	10
<b>132009</b>	17	224	<b>28,12</b>	10

**Hand drill**



Code	Ø mm	€	
<b>151001</b>	0-13	<b>48,83</b>	1



## 10 Gardening tools



Pruning shears

207



Gathering shears

208



Hedge shears

209



Pruning saw

210



### Rotating handle pruning shears

SK5  
STEEL



25 mm  
Cutting capacity



Reduces fatigue

Code	L mm	L "	€	
<b>108420</b>	220	9	<b>26,20</b>	10

Display with blister Blade, counter blade and spring spare parts available

### Aluminum handle pruning shears

SK5  
STEEL



25 mm  
Cutting capacity



- Forged Aluminum Body
- Automatic opening spring
- Ergonomic non-slip handles
- Safety lock

Code	L mm	L "	€	
<b>108415</b>	220	9	<b>16,40</b>	10

Display with blister Blade, counter blade and spring spare parts available

### Steel handles pruning shears

SK5  
STEEL



22 mm  
Cutting capacity



- Handles made of Steel
- Automatic opening spring
- Ergonomic non-slip handles
- Safety lock

Code	L mm	L "	€	
<b>108425</b>	220	9	<b>13,20</b>	10

Display with blister

## Forged pruning shears

SK5  
STEEL



**FORGED  
SHEARS**



**16 mm**  
Cutting  
Capacity  
108400



**20 mm**  
Cutting  
Capacity  
108405



- Tempered cutting edges
- Easy and clean by-pass cutting
- Automatic opening spring
- With safety lock

Code	L mm	L "	€	
<b>108400</b>	180	7	<b>7,20</b>	6
<b>108405</b>	220	8,5	<b>8,82</b>	6

Display with blister

## Gathering shears

SK5  
STEEL



**14 mm**  
Cutting  
Capacity



- Black coated cutting blades
- Automatic opening spring
- Ergonomic ABS plastic handles
- Safety lock

Code	L mm	L "	€	
<b>108410</b>	180	7	<b>5,80</b>	10

Display with blister

## Sharpener



Sharpening



Oiling



- Tungsten carbide edge
- Plastic body
- For sharpening all kinds of scissors and knives

Code	L mm	€	
<b>108492</b>	200	<b>9,80</b>	10

Display with blister

## Coarse sharpener



Sharpening



Oiling



**SPECIAL  
FOR SMOOTHING**

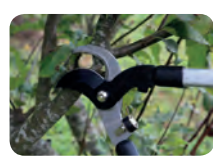


- Tungsten carbide edge
- Plastic body
- For sharpening all kinds of scissors and knives

Code	L mm	€	
<b>108490</b>	120	<b>9,40</b>	10

Display with blister

**Lopping shears**

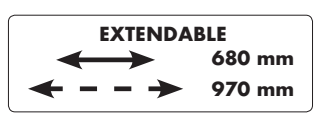


**35 mm**  
Cutting Capacity



Code	L mm	L "	€	
<b>108520</b>	680	27	<b>24,20</b>	1

**Extendable handles lopping shears**



**35 mm**  
Cutting Capacity



**Spare parts of blade, counter blade, handles and rubber bumpers available**

Same features as 108520

Code	L mm	L "	€	
<b>108525</b>	680-970	27-39	<b>28,70</b>	1

**Spare parts of blade, counter blade, handles and rubber bumpers available**

**Compound action lopping shears**



**45 mm**  
Cutting Capacity



- Ergonomic non-slip handles
- Teflon upper blade. Aluminium lower blade

Code	L mm	L "	€	
<b>108530</b>	820	33	<b>29,30</b>	1

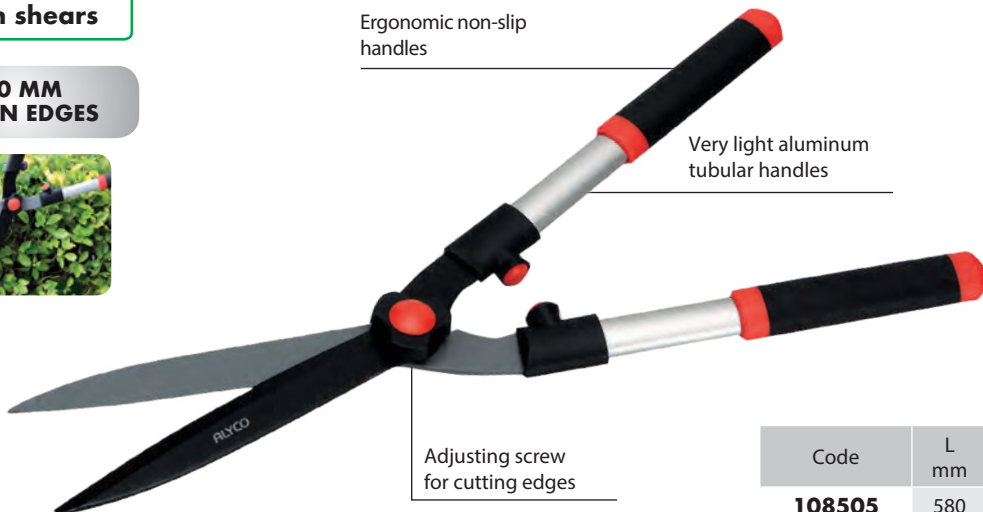
## Garden shears

210 MM  
TEFLON EDGES



Ergonomic non-slip handles

Very light aluminum tubular handles



Adjusting screw for cutting edges



Buffer stops

Code	L mm	L "	€	
<b>108505</b>	580	23	<b>22,30</b>	1

## Telescopic garden shears

EXTENDABLE

660 mm  
860 mm



Folded 660 mm long



Handle extension with locking system

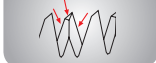
Same features as 108505

Code	L mm	L "	€	
<b>108510</b>	660-860	26-34	<b>27,36</b>	1

## Pruning saw

BLADE 330 MM LONG

TRIANGULAR TEETH



• Plastic belt shaft included

Code	L mm	L "	€	
<b>144092</b>	480	19	<b>12,00</b>	12

## Folding pruning saw

BLADE 180 MM LONG



• Folding saw with safety lock  
• Ergonomic bi-material handle

Code	L open mm	L close mm	€	
<b>144097</b>	400	240	<b>9,00</b>	6



**Hand trowel**



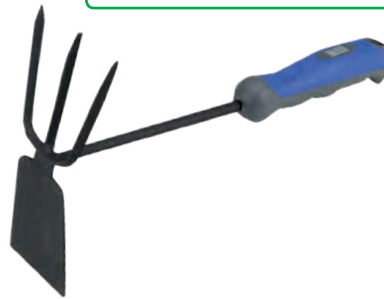
Code	Dimensions mm	€	
<b>108550</b>	350 x 80	<b>4,40</b>	12

**Hand cultivator**



Code	Dimensions mm	€	
<b>108555</b>	325 x 80	<b>5,00</b>	12

**Garden fork and trowel**



Code	Dimensions mm	€	
<b>108560</b>	325 x 80 x 75	<b>4,40</b>	12

**Steel lawn rake**



• Made of carbon steel

Code	No. Tines	Dimensions mm	€	
<b>198518</b>	22	425 x 400	<b>4,37</b>	6

Supplied without handle

**Plastic lawn rake**



• Made of PVC

Code	No. Tines	Dimensions mm	€	
<b>198520</b>	22	480 x 430	<b>6,00</b>	6

Supplied without handle

**Rake handles**

Image	Code	For Code	Type	L mm	Ø mm	€	
	<b>198519</b>	198518	Recto	1200	24	<b>3,75</b>	6
	<b>198521</b>	198520	Recto	1200	24	<b>4,00</b>	6

**Nylon bag for shears**



Possibility of adjustment to pocket or belt

Code	Dimensions mm	€	
<b>196848</b>	220 X 90	<b>4,50</b>	1



## 11 Construction



Shovel 213



Aluminium shovel 214



Plastic shovel 214



Hoe 215



Rake 216



Plumb bob 217



Forged trowel 218



Trowel 221



Float 222



Scraper 224



Wrecking bar 225



Scaffold ratchetwrench 225



Clamp 226



Plastic clamp 227



Plastic spring clamp 227



Leather pouch 228

**Round point shovel, wooden T-handle**



198604 Straight handle

See handles on page 215

Code	Dimensions mm	L mm	€	
<b>198600</b>	280x340	1000	<b>14,00</b>	6
<b>198604</b>	280x340	1200	<b>15,00</b>	6 <b>New</b>

**Round point shove, metal ring handle**



Metal ring handle

See handles on page 215

Code	Dimensions mm	L mm	€	
<b>198610</b>	280x340	1000	<b>15,00</b>	6

**Square shove, wooden T-handle**



T-handle

See handles on page 215

Code	Dimensions mm	L mm	€	
<b>198605</b>	280x340	1000	<b>14,10</b>	6

**Square shovel, metal ring handle**



Metal ring handle

See handles on page 215

Code	Dimensions mm	L mm	€	
<b>198615</b>	280x340	1000	<b>15,10</b>	6

**Round point shovel, fiberglass handle**

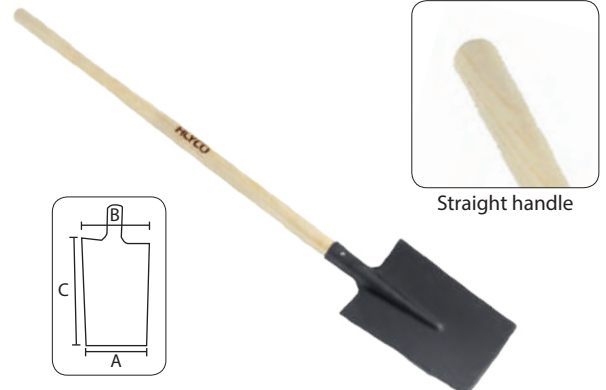


Ring handle

See handles on page 215

Code	Dimensions mm	L mm	€	
<b>198613</b>	280x340	1000	<b>20,00</b>	6

**Square shovel, wooden handle**



Straight handle

Code	Dimensions mm	L mm	€	
<b>198603</b>	158x192x255	1220	<b>12,00</b>	6

**Shovels: Shipping lot 6 units or multiples**

## Mini round point shovel



Metal ring handle

**25 % SHORTER**

Code	Dimensions mm	L mm	€	
<b>198614</b>	150x210	750	<b>9,00</b>	6

## Aluminium shovels



Ring handle

**Used for snow, foods...etc**

- Blade made of aluminium.
- Ring handle made of hard plastic.

Code	Dimensions mm	L mm	€	
<b>198617</b>	245x300	1000	<b>19,00</b>	6



Ring handle

- Blade made in aluminium.
- Ring handle made of hard plastic.

Code	Dimensions mm	L mm	€	
<b>198619</b>	360x415	1200	<b>27,00</b>	6

## Aluminium shovel with fiberglass handle



Ring handle

**ANTI CORROSION**    **FOOD INDUSTRY**



- Blade made of aluminium
- Ring handle made of fiberglass

Code	Dimensions mm	L mm	€	
<b>198621</b>	360x415	1020	<b>32,00</b>	6

## Plastic shovel



Ring handle

**ANTI CORROSION**    **FOOD INDUSTRY**



- Blade made of aluminium
- Ring handle made of fiberglass

Code	Dimensions mm	L mm	€	
<b>198622</b>	460x360	1250	<b>21,00</b>	6

**Shovels: Shipping lot 6 units or multiples**



**Handle for shovels**

Image	Code	For code	Type	L mm	€	
	<b>198601</b>	198600 / 198605	Crutch	700	<b>8,00</b>	6
	<b>198611</b>	198610 / 198615 198617	Ring	700	<b>9,00</b>	6
	<b>198602</b>	198600 / 198605	Crutch	815	<b>10,00</b>	6
	<b>198612</b>	198610 / 198615 198617 / 198613 198621	Ring	735	<b>13,00</b>	6

**Half round hoe**



Attachable handles: 198501/198503

Code	Dimensions mm	€	
<b>198500</b>	260x160	<b>12,00</b>	12

**Rectangular hoe**



Attachable handles: 198501/198503

Code	Dimensions mm	€	
<b>198502</b>	310x138	<b>12,10</b>	12

• Welded hoe

**5 teeth forged rake**



Attachable handles: 198506/ 198507

Code	Dimensions mm	€	
<b>198505</b>	200x160	<b>17,26</b>	6

**Heavy duty scraper**



Attachable handles: 198529 (page. 216)

Code	Dimensions mm	€	
<b>198530</b>	300x150	<b>7,90</b>	6

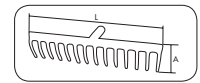
**Handle for hoe and rake**



198501 / 198503 for hoes 198500 and 198502 and legon 198530  
198506 / 198507 for rake 198505 and 198508 for hoes

Code	Tipo	Ø mm	L mm	€	
<b>198501</b>	<b>WOOD</b>	37	1200	<b>7,00</b>	6
<b>198506</b>	<b>WOOD</b>	40	1000	<b>7,20</b>	6
<b>New 198508</b>	<b>WOOD</b>	38	1000	<b>8,50</b>	6
<b>198503</b>	<b>GLASS FIBER</b>	37	1200	<b>16,50</b>	6
<b>198507</b>	<b>GLASS FIBER</b>	40	1000	<b>15,00</b>	6

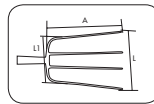
## Rake



Attachable handle: 198510, at bottom of page

Code	No. teeth	A x L mm	€	
<b>198512</b>	12	100 x 410	<b>7,39</b>	6
<b>198514</b>	14	100 x 470	<b>7,80</b>	6
<b>198516</b>	16	100 x 530	<b>8,22</b>	6

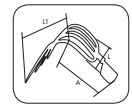
## Garden fork



Attachable handle: 198527/ 198529, at bottom of page

Code	No. teeth	A x L x L1 mm	€	
<b>198524</b>	4	327x215x190	<b>10,97</b>	6
<b>198525</b>	5	337x217x195	<b>14,79</b>	6
<b>198526</b>	6	350x245x225	<b>16,60</b>	6

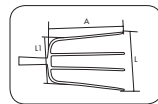
## Bended garden fork



Attachable handle: 198539, at bottom of page

Code	No. teeth	A x L x L1 mm	€	
<b>198534</b>	4	200x205x210	<b>9,66</b>	6
<b>198535</b>	5	200x220x220	<b>13,36</b>	6

## Straight fork



Attachable handle: 198558, at bottom of page

Code	No. teeth	A x L mm	€	
<b>198544</b>	4	280x175	<b>12,89</b>	6

## Straight fork for construction



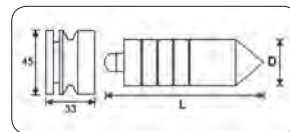
Attachable handle: 198558, at bottom of page

Code	No. teeth	A x L mm	€	
<b>198550</b>	9	360x240	<b>19,56</b>	6

## Wooden handle for rakes and forks

€	Code	For code	Type	L mm	Ø mm	€	
	<b>198510</b>	198512/198514/198516	Straight	1200	28	<b>5,01</b>	6
	<b>198527</b>	198524/198525/198526	Ring	960	37	<b>8,50</b>	6
	<b>198529</b>	198524/198525 198526/198530	Straight	1200	37	<b>6,91</b>	6
	<b>198539</b>	198534/198535	Straight	1200	37	<b>6,91</b>	6
	<b>198558</b>	198544/198550	Ring	960	37	<b>9,00</b>	6

**Magnetic plumb bob**

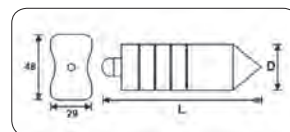


- Plumb bob manufactured in steel.
- Zinc coated finish to prevent rust.
- Plastic dolly with magnet
- 5 metre knotted nylon line

Code	Weight gr	L mm	Ø mm	€	
<b>197942</b>	500	104	33	<b>13,20</b>	5
<b>197944</b>	750	134	33	<b>15,00</b>	5
<b>197946</b>	1000	162	33	<b>16,50</b>	5

Display with blister

**Wooden plumb bob**



- Plumb bob manufactured in steel.
- Zinc coated finish to prevent rust.
- Wooden dolly
- 5 metre knotted nylon line

Code	Weight gr	L mm	Ø mm	€	
<b>197932</b>	500	104	33	<b>7,20</b>	5
<b>197934</b>	750	134	33	<b>9,25</b>	5
<b>197936</b>	1000	162	33	<b>12,10</b>	5

Display with blister

**Magnetic angle**



- Angle with powerful magnets
- 10 metre Ø 1.2 mm knotted line
- Angle with rubber handle

**CONTENTS**

- Pair of angles
- 10 metres of line

Code	€	
<b>197938</b>	<b>15,00</b>	6

Display with blister

## One piece forged trowel

**BLADE AND TANG FORGED IN ONE PIECE**

- Lacquered blade to prevent rust
- Conically ground blade for good flexibility.
- Blade ground on both sides.
- Tempered blade and tang

## Bucket trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195900</b>	180x115	<b>12,56</b>	6
<b>195905</b>	190x118	<b>13,13</b>	6



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195901</b>	180x115	<b>13,48</b>	6
<b>195906</b>	190x118	<b>14,09</b>	6

## Gauging trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195910</b>	190x104	<b>10,90</b>	6
<b>195915</b>	215x116	<b>11,43</b>	6



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195911</b>	190x104	<b>12,21</b>	6
<b>195916</b>	215x116	<b>12,67</b>	6

## Catalano pattern trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195920</b>	150x115	<b>12,34</b>	6
<b>195925</b>	160x120	<b>12,92</b>	6



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195921</b>	150x115	<b>13,63</b>	6
<b>195926</b>	160x120	<b>14,16</b>	6

## Seville pattern trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195930</b>	190x115	<b>13,20</b>	6



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195931</b>	190x115	<b>14,37</b>	6



**Welded trowel**

**BLADE AND TANG  
WELDED JOINT**

- Lacquered blade to prevent rust
- Conically ground blade for good flexibility.
- Blade ground on both sides.
- Tempered blade and tang

**Bucket trowel**



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195700</b>	180x115x87	<b>6,21</b>	12
<b>195705</b>	190x118x90	<b>6,71</b>	12



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195701</b>	180x115x87	<b>7,48</b>	12
<b>195706</b>	190x118x90	<b>7,86</b>	12

**Gauging trowel**



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195708</b>	140x80	<b>4,41</b>	12
<b>195710</b>	178x98	<b>5,38</b>	12
<b>195715</b>	200x110	<b>5,63</b>	12
<b>195717</b>	220x125	<b>6,00</b>	12



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195709</b>	140x80	<b>5,75</b>	12
<b>195711</b>	178x98	<b>6,81</b>	12
<b>195716</b>	200x110	<b>7,08</b>	12
<b>195718</b>	220x125	<b>7,44</b>	12

**Catalano pattern trowel**



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195720</b>	155x115	<b>6,19</b>	12
<b>195725</b>	170x120	<b>6,32</b>	12
<b>195723</b>	180x125	<b>6,54</b>	12



BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195721</b>	155x115	<b>7,05</b>	12
<b>195726</b>	170x120	<b>7,18</b>	12
<b>195724</b>	180x125	<b>7,44</b>	12

## Seville pattern trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195730</b>	190x115x90	<b>6,49</b>	12

BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195731</b>	190x115x90	<b>7,50</b>	12



## Pointed mini trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195740</b>	130x75	<b>4,52</b>	12

BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195741</b>	130x75	<b>5,93</b>	12



## Rounded tip mini trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195750</b>	125x70	<b>4,41</b>	12

BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195751</b>	125x70	<b>5,85</b>	12



## Olive leaf mini-trowel



WOODEN HANDLE			
Code	Dimensions mm	€	
<b>195760</b>	130x70	<b>4,22</b>	12

BIMATERIAL HANDLE			
Code	Dimensions mm	€	
<b>195761</b>	130x70	<b>5,62</b>	12



## Trowel for board, wooden handle



Code	L mm	C mm	€	
<b>195804</b>	180	8	<b>2,50</b>	12
<b>195806</b>	180	10	<b>2,60</b>	12

**Plastering trowe, bimaterial handle**

STAINLESS  
STEEL



Smooth base without screws

Code	Dimensions mm	€	
<b>195772</b>	280x215	<b>11,12</b>	10

**Plastering trowel**

STAINLESS  
STEEL

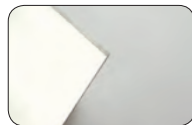


Smooth base without screws

Code	Dimensions mm	€	
<b>195770</b>	300x150	<b>10,76</b>	6

**Rectangular plastering trowel sharp edge**

STAINLESS  
STEEL



Sharp edges



Smooth base

Code	Dimensions mm	€	
<b>195768</b>	300x150	<b>11,96</b>	6

**Plastering trapezoidal trowel**

STAINLESS  
STEEL



Smooth base

Code	Dimensions mm	€	
<b>195780</b>	300x140-150	<b>10,76</b>	6

**Serrated plastering trowel**

STAINLESS  
STEEL



Code	Dimensions mm	pitch	€	
<b>195785</b>	280x120	6x6	<b>11,07</b>	6
<b>195786</b>	280x120	8x8	<b>11,65</b>	6
<b>195787</b>	280x120	10x10	<b>12,22</b>	6

**Half moon plastering trowel**

STAINLESS  
STEEL




Code	Dimensions mm	€	
<b>195774</b>	300x150	<b>10,76</b>	6

## Long plastering trowel

STAINLESS  
STEEL





Code	Dimensions mm	€	
<b>195775</b>	500x130	<b>14,03</b>	6

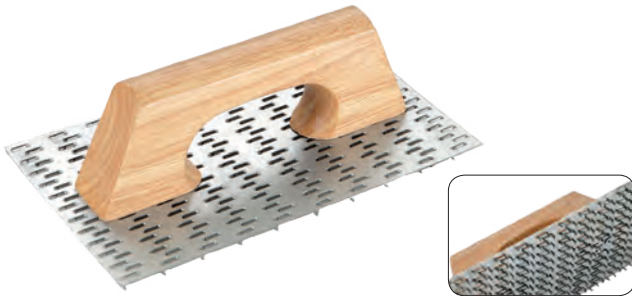
## Serrated long plastering trowel


STAINLESS  
STEEL



Code	Dimensions mm	 pitch	€	
<b>195776</b>	500x130	8x8	<b>15,28</b>	6


## Plastering trowel monolayer



Code	Dimensions mm	€	
<b>195762</b>	250x140	<b>13,67</b>	6

## Aluminium trowel




Code	Dimensions mm	€	
<b>195764</b>	450x80	<b>22,50</b>	1

## Plastic rectangular float




• Base made of polystyrene

Code	Dimensions mm	€	
<b>195790</b>	270x180	<b>3,50</b>	6

## Plastic pointed-tipped float



• Base made of polystyrene

Code	Dimensions mm	€	
<b>195792</b>	270x180	<b>3,55</b>	6


## Float for joints



## Special for work on joints



• Handle made of polyurethane  
• Base with aluminium reinforcement

Code	Dimensions mm	€	
<b>195800</b>	240x100	<b>8,00</b>	6



## Soft rubber sponge face float



- 20 mm thick base
- Handle and base made of polyurethane

Code	Dimensions mm	€	
<b>195795</b>	280x140	<b>8,30</b>	6

## Soft rubber sponge face float high density



Code	Dimensions mm	€	
<b>195796</b>	280x140	<b>8,40</b>	6

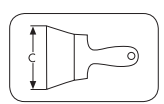
## Soft rubber sponge face float low density



Code	Dimensions mm	€	
<b>195788</b>	240x140	<b>6,50</b>	6

## Filler knife, tricomponent handle

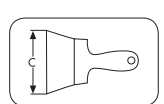
STAINLESS STEEL



Code	C mm	€	
<b>196306</b>	120	<b>6,01</b>	6
<b>196311</b>	140	<b>6,20</b>	6
<b>196316</b>	160	<b>6,62</b>	6
<b>196318</b>	180	<b>7,22</b>	6
<b>196321</b>	200	<b>8,69</b>	6

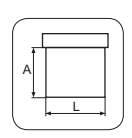
## Filler knife

STAINLESS STEEL



Code	C mm	€	
<b>196305</b>	120	<b>3,72</b>	12
<b>196310</b>	140	<b>4,18</b>	12
<b>196315</b>	160	<b>4,96</b>	12
<b>196320</b>	200	<b>5,79</b>	12

## Car repair scraper kit



**CONTENTS**  
 1 Scraper of L: 50 A: 90  
 1 Scraper of L: 75 A: 90  
 1 Scraper of L: 100 A: 90  
 1 Scraper of L: 120 A: 95

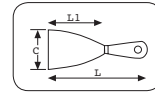
Code	No. of items	€	
<b>196322</b>	4	<b>3,80</b>	10

## Stainless steel scraper

STAINLESS  
STEEL



Metal reinforcement for striking

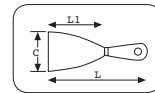


- Conically ground blade for better tip flexibility
- Handle core made of high strength plastic
- Handle covered in rubber antislip material

Code	C mm	L mm	€	
<b>196399</b>	30	210	<b>3,77</b>	12
<b>196401</b>	40	220	<b>3,82</b>	12
<b>196403</b>	50	220	<b>4,00</b>	12
<b>196406</b>	60	220	<b>4,19</b>	12
<b>196411</b>	80	220	<b>4,86</b>	12
<b>196416</b>	100	220	<b>5,36</b>	12
<b>196421</b>	120	230	<b>6,16</b>	12
<b>196423</b>	150	230	<b>7,39</b>	12

## Scraper with wooden handle

CARBON  
STEEL



Code	C mm	L mm	€	
<b>196325</b>	25	180	<b>2,53</b>	12
<b>196340</b>	40	190	<b>2,63</b>	12
<b>196350</b>	50	195	<b>2,73</b>	12
<b>196360</b>	60	205	<b>2,78</b>	12
<b>196375</b>	75	215	<b>3,05</b>	12
<b>196385</b>	85	220	<b>3,30</b>	12
<b>196390</b>	100	225	<b>3,55</b>	12
<b>196395</b>	120	230	<b>3,77</b>	12

## Scraper with bimaterial handle

CARBON  
STEEL



- Conically ground blade for better tip flexibility
- Inner part in heavy duty plastic
- Soft rubber in hand contact area

Code	C mm	L mm	€	
<b>196430</b>	30	210	<b>3,22</b>	12
<b>196440</b>	40	210	<b>3,35</b>	12
<b>196450</b>	50	210	<b>3,54</b>	12
<b>196460</b>	60	210	<b>3,74</b>	12
<b>196480</b>	80	210	<b>4,12</b>	12
<b>196490</b>	100	220	<b>4,57</b>	12
<b>196495</b>	120	220	<b>5,41</b>	12
<b>196496</b>	150	235	<b>5,98</b>	12

## Scrapers displayer

**CONTENTS** 196401 (12), 196406(12),  
196411 (12), 196416 (12), 196421 (12)

### STAINLESS STEEL SCRAPERS DISPLAYER

Code	No. of items	€	
<b>196422</b>	60	<b>290,00</b>	1



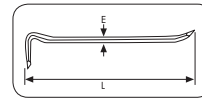
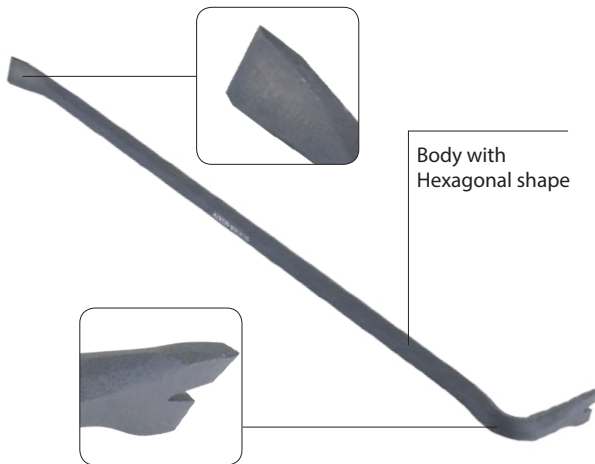
**CONTENTS** 196440 (12), 196460(12),  
196480 (12), 196490 (12), 196495 (12)

### BIMATERIAL HANDLE SCRAPERS DISPLAYER

Code	No. of items	€	
<b>196499</b>	60	<b>248,00</b>	1

**Wrecking bar**

CARBON STEEL



- Induction hardened tips
- Painted finish.

Code	L mm	L "	E mm	€	
<b>118001</b>	500	20	20	<b>11,33</b>	10
<b>118002</b>	600	24	20	<b>14,97</b>	10
<b>118003</b>	700	28	20	<b>17,02</b>	10
<b>118004</b>	800	32	22	<b>18,23</b>	5
<b>118005</b>	900	36	22	<b>23,50</b>	5
<b>118006</b>	1000	40	22	<b>25,50</b>	5
<b>118007</b>	1200	48	22	<b>29,50</b>	5

**Light wrecking bar**

CARBON STEEL



- Chrome-plated finishing coated
- Induction hardened tips

Code	L mm	L "	€	
<b>118010</b>	300	12	<b>10,18</b>	10

**Mason's pin**

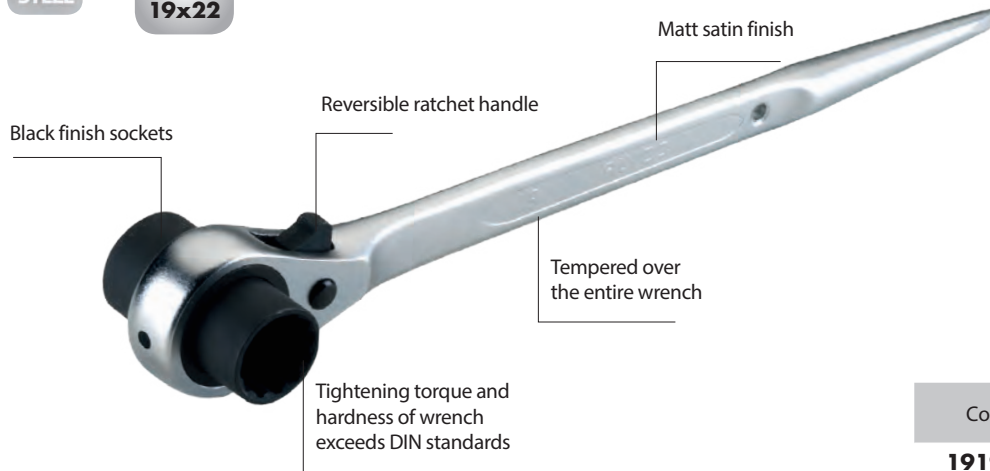


Code	L mm	E mm	€	
<b>196942</b>	250	10	<b>4,32</b>	12
<b>196945</b>	300	10	<b>4,56</b>	12

**Reversible scaffold ratchet wrench**

CR-V STEEL

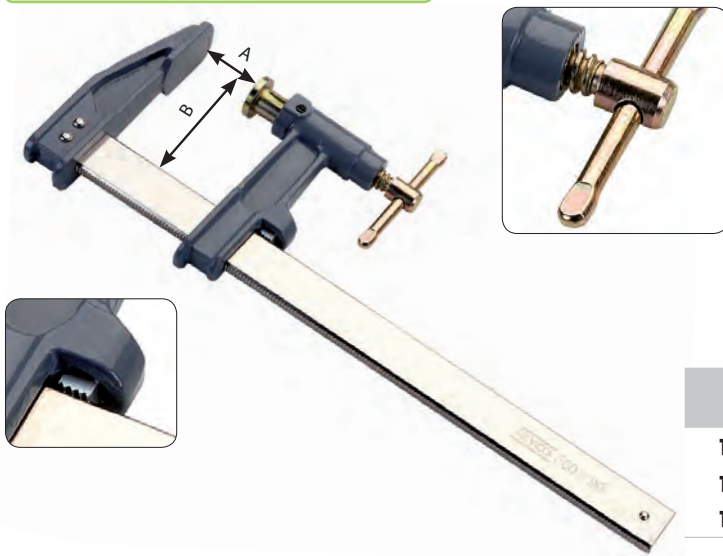
19x22



**Special for scaffold assembling and disassembling**

Code	mm	€	
<b>191900</b>	19x22	<b>43,00</b>	2

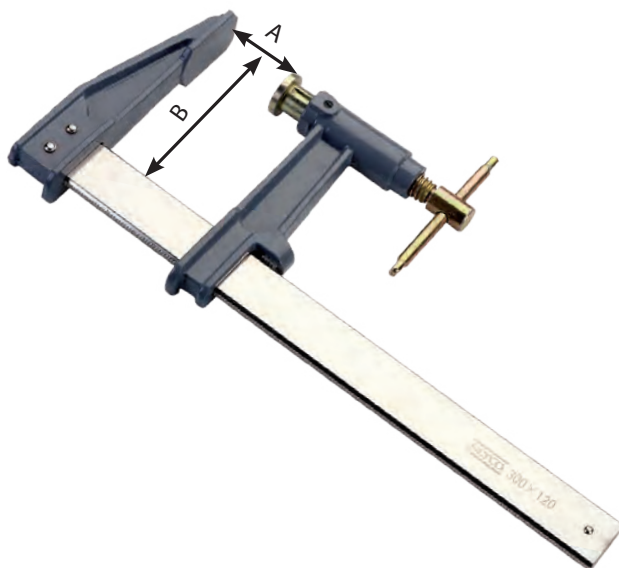
## T handle screw clamp (90 mm)



- Painted nodular cast iron jaws
- Bar and jaw fastening reinforced with double steel rivet for safety
- Calibrated steel bar with teeth on both sides
- Tempered brake with teeth
- One piece spindle and pad
- Trapezoidal double thread spindle for high torques

Code	A mm	B mm	Tire mm	Force Kg	€	
<b>197800</b>	200	90	28x8	400	<b>14,84</b>	6
<b>197805</b>	300	90	28x8	400	<b>15,85</b>	6
<b>197810</b>	400	90	28x8	400	<b>18,43</b>	6

## T handle screw clamp (120-150 mm)



- Painted nodular cast iron jaws
- Bar and jaw fastening reinforced with double steel rivet for safety
- Calibrated steel bar with teeth on both sides
- Tempered brake with teeth
- One piece spindle and pad
- Trapezoidal double thread spindle for high torques

Code	A mm	B mm	Tire mm	Force Kg	€	
<b>197850</b>	300	120	35x8	500	<b>18,20</b>	6
<b>197855</b>	400	120	35x8	500	<b>20,88</b>	6
<b>197860</b>	600	120	35x8	500	<b>23,24</b>	4
<b>197865</b>	800	120	35x8	500	<b>26,07</b>	4
<b>197870</b>	1000	120	35x8	500	<b>28,34</b>	2
<b>197872</b>	1200	120	35x8	500	<b>31,49</b>	2
<b>197873</b>	1400	120	35x8	500	<b>37,89</b>	2
<b>197875</b>	400	150	40x10	700	<b>27,76</b>	2
<b>197877</b>	600	150	40x10	700	<b>31,34</b>	2
<b>197880</b>	800	150	40x10	700	<b>35,98</b>	2
<b>197882</b>	1000	150	40x10	700	<b>39,03</b>	2

## Screw clamp with bimaterial handle



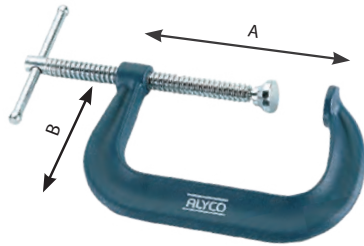
- Calibrated steel bar with teeth on both sides.
- Nodular cast iron painted jaws
- Bimaterial and ergonomic plastic handle
- Trapezoidal thread screw
- Jaws with plastic protectors

Code	A mm	B mm	Tire mm	Force Kg	€	
<b>197900</b>	100	50	5x15	170	<b>5,01</b>	6
<b>197905</b>	150	50	5x15	170	<b>5,24</b>	6
<b>197910</b>	200	80	6x22	270	<b>8,88</b>	6
<b>197915</b>	300	80	6x22	270	<b>9,60</b>	6
<b>197920</b>	400	100	7x22	400	<b>11,91</b>	6



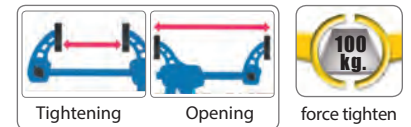
## Forged "C" screw clamp

FORGED  
STEEL



Code	A mm	B mm	Force Kg	€	
<b>197950</b>	50	55	1600	<b>16,43</b>	4
<b>197955</b>	75	55	1600	<b>20,87</b>	4
<b>197960</b>	100	55	1600	<b>26,13</b>	4
<b>197965</b>	150	55	3000	<b>42,17</b>	4

## Quick plastic clamp



- Quick release lever. Ratchet action trigger.
- Jaws reinforced with soft rubber protectors.
- Ergonomic design. Bimaterial handles.

Code	Tightening mm / "	Opening mm	€	
<b>198050</b>	150 / 6	350	<b>14,31</b>	6
<b>198052</b>	300 / 12	500	<b>14,97</b>	6
<b>198054</b>	450 / 18	640	<b>16,92</b>	6

## Plastic clamps with ratchet system



- Ratchet made in zinc alloy.
- Special design of jaws to tighten irregular shape pieces.
- Long and thin jaws to get to confined places.

Code	L mm	Tightening force kg.	€	
<b>198070</b>	135	13	<b>2,89</b>	12
<b>198072</b>	190	30	<b>4,89</b>	12
<b>198074</b>	250	43	<b>7,13</b>	12

## Plastic spring clamps



- Inner spring to get easier and quicker opening
- Protected jaws so not to damage pieces and to allow tightening of irregular shapes.

Code	L mm / "	Opening max. mm	Force Kg	€	
<b>197970</b>	75 / 3	35	3,8	<b>0,91</b>	12
<b>197972</b>	100 / 4	40	9,2	<b>1,31</b>	12
<b>197975</b>	150 / 6	62	13	<b>2,10</b>	12
<b>197976</b>	225 / 9	82	22	<b>2,80</b>	12

## Metal spring clamps



- Inner spring to get easier and quicker opening jaws and handles covered with PVC

Code	L mm / "	Opening max. mm	Force Kg	€	
<b>197982</b>	50 / 2	17	10	<b>1,00</b>	6
<b>197985</b>	100 / 4	22	10	<b>2,06</b>	6
<b>197986</b>	150 / 6	45	15	<b>3,57</b>	6
<b>197987</b>	225 / 9	75	20	<b>5,35</b>	6

**Double nylon pouch with belt**



- Manufactured with reinforced seams
- Adjustable belt with click shut buckle

Code	AxB mm	€	
<b>196870</b>	660x260	<b>15,00</b>	1

**Display in bag with hanger**

**Individual nylon pouch with belt**



- Manufactured with reinforced seams
- Adjustable belt with click shut buckle

Code	AxB mm	€	
<b>196875</b>	260x260	<b>9,50</b>	1

**Display in bag with hanger**

**Double leather pouch with belt**



- Made in high quality strong leather
- Reinforced seams and metal rivets over the entire bag
- Adjustable nylon belt
- Metal clip for tape measure
- Large-sized pocket for nails
- 2 loops for hammers


Code	AxB mm	€	
<b>196890</b>	660x210	<b>27,00</b>	1

**Display in bag with hanger**

**Individual leather pouch with belt**



- Made in high quality strong leather
- Reinforced seams and metal rivets over the entire bag
- Adjustable nylon belt
- Metal clip for tape measure
- Large-sized pocket for nails

Code	AxB mm	€	
<b>196894</b>	230x210	<b>19,00</b>	1

**Display in bag with hanger**

**Individual leather pouch**



- Made in high quality strong leather
- Reinforced seams and metal rivets over the entire bag
- Large sized pocket for nails
- 2 loops for hammers

Code	AxB mm	€	
<b>196895</b>	260x290	<b>18,80</b>	1

**Display in bag with hanger**

**Tape measure holder**



- Slots suitable for belts
- Suitable for 3 and 5 meter steel tape measures.
- Reinforced with metal rivets.

Code	Type	AxB mm	€	
<b>196898</b>	Leather	110x160	<b>4,42</b>	6
<b>196899</b>	Nylon	110x160	<b>6,00</b>	6

Display in bag with hanger

**Hammer loop**



- Slots suitable for belts
- Metal ring for holding the hammer
- Metal ring reinforced with metal rivets

Code	Type	AxB mm	€	
<b>196896</b>	Leather	200x120	<b>2,70</b>	6
<b>196886</b>	Nylon	200x120	<b>3,82</b>	6

Display in bag with hanger

**Belt**



196885

196897

- High quality leather belt with metal buckle. (196885)
- Adjustable nylon belt with metal buckle. (196897)

Code	Type	AxB mm	€	
<b>196885</b>	Leather	1240	<b>12,50</b>	6
<b>196897</b>	Nylon	1240	<b>2,99</b>	6

Display in bag with hanger

**Knee pad**



**ANTIQUIDS  
ANTIPUNCTURES**

**New**

- Made of Oxford Nylon
- 20mm padding in EVA and PVC
- Superflexible neoprene straps
- Reinforced seams

Code	Size mm	€	
<b>198142</b>	230x190	<b>19,00</b>	1

**Knee pad**



**New**

- Made of Oxford Nylon
- 10mm padding in EVA
- Superflexible neoprene straps
- Reinforced seams

Code	Size mm	€	
<b>198140</b>	200x170	<b>17,00</b>	1



## 12 Plumbing and measuring



Pipe wrench 231



Chain wrench 233



Oil filter wrench 233



PVC pipe cutter 234



Pipe cutter 235



Iron pipe cutter 236



Level 238



Torpedo level 240



Measuring tape 242



Long measuring tape 243



Measuring wheel 244



Chalk line reel 245



Square 246



Calliper 247



Carbide scribe 248

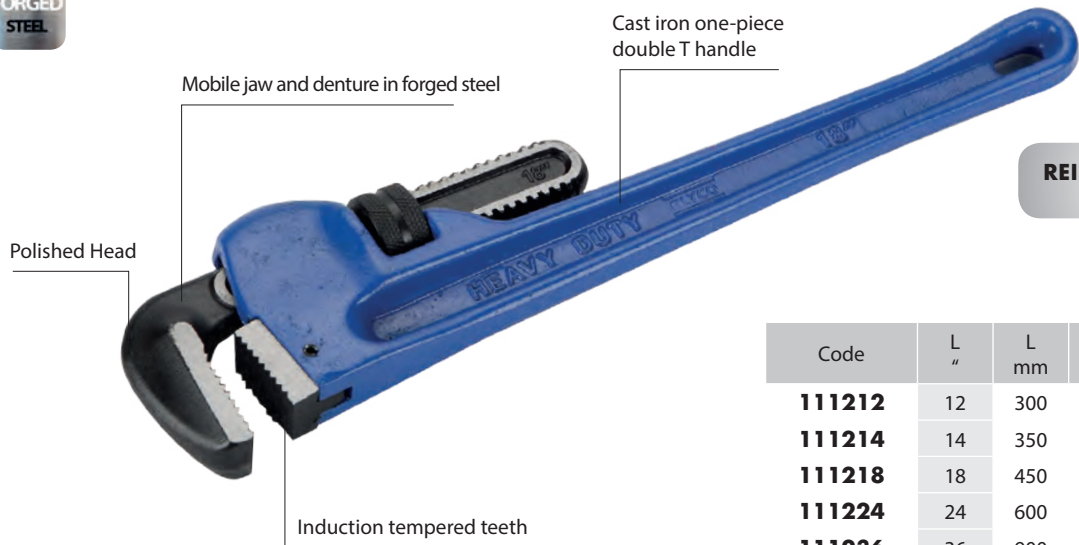


Marker 248



**Reinforced Stillson wrench**

**FORGED  
STEEL**



**REINFORCED MODEL  
LIGHTER**

Code	L "	L mm	⌀ max "	€	
<b>111212</b>	12	300	1-1/4"	<b>15,89</b>	1
<b>111214</b>	14	350	1-1/2"	<b>19,18</b>	1
<b>111218</b>	18	450	2"	<b>26,05</b>	1
<b>111224</b>	24	600	2-1/2"	<b>44,73</b>	1
<b>111236</b>	36	900	3-1/2"	<b>86,58</b>	1

**Drop-forged Stillson pipe wrench**

**FORGED  
STEEL**



- Mobile jaw hardened to 45 HRC
- Very heavy duty tool with teeth hardened to 60 HRC
- Painted finish handle

Code	L "	L mm	⌀ max "	€	
<b>111308</b>	8	200	3/4"	<b>10,82</b>	1
<b>111310</b>	10	250	1"	<b>13,28</b>	1
<b>111312</b>	12	300	1-1/4"	<b>15,42</b>	1
<b>111314</b>	14	350	1-1/2"	<b>18,62</b>	1
<b>111318</b>	18	450	2"	<b>23,00</b>	1
<b>111324</b>	24	600	2-1/2"	<b>39,00</b>	1
<b>111336</b>	36	900	3-1/2"	<b>79,00</b>	1

**Light Aluminium alloy Stillson pipe wrench**

**ALUMINIUM**



- Special profile of the handle that gives resistance and lightness to the wrench
- Tempered 45 HRC head, polished
- Induction tempered teeth at 60 HRC
- Presentation of body and handle painted

Code	L "	L mm	⌀ max "	€	
<b>111410</b>	10	250	1-1/2"	<b>15,38</b>	1
<b>111412</b>	12	300	1-3/4"	<b>20,28</b>	1
<b>111414</b>	14	350	2"	<b>24,83</b>	1
<b>111418</b>	18	450	2-1/2"	<b>33,85</b>	1
<b>111424</b>	24	600	3"	<b>57,99</b>	1
<b>111436</b>	36	900	4"	<b>112,21</b>	1

## Transversal adjustment aluminum Stillson wrench



**New**

- Head hardened to 45 HRC
- Very heavy duty tool with teeth hardened to 60 HRC
- Body finish painted

Code	L "	L mm	⌀ max "	€	
<b>111415</b>	14	350	2	<b>32,00</b>	1
<b>111419</b>	18	450	2-1/2	<b>45,00</b>	1
<b>111425</b>	24	600	3	<b>74,00</b>	1

## Replacement mouth for Stillson wrench



**New**

## Replacement nut for Stillson wrench



**New**

Code	L "	For code	€	
<b>199181</b>	8	111308	<b>5,04</b>	1
<b>199184</b>	10	111310	<b>6,20</b>	1
<b>199187</b>	12	111312	<b>9,20</b>	1
<b>199190</b>	14	111314	<b>11,80</b>	1
<b>199193</b>	18	111318	<b>16,10</b>	1
<b>199196</b>	24	111324	<b>24,60</b>	1
<b>199199</b>	36	111336	<b>53,00</b>	1

Code	L "	For code	€	
<b>199180</b>	8	111308	<b>1,50</b>	1
<b>199183</b>	10	111310	<b>1,80</b>	1
<b>199186</b>	12	111312	<b>2,50</b>	1
<b>199189</b>	14	111314	<b>3,30</b>	1
<b>199192</b>	18	111318	<b>4,40</b>	1
<b>199195</b>	24	111324	<b>6,80</b>	1
<b>199198</b>	36	111336	<b>14,50</b>	1

## Swedish type pipe wrench

**FORGED  
STEEL**



- Head hardened to 45 HRC
- Very heavy duty tool with teeth hardened to 60 HRC
- Body finish painted

Code	L mm	Max.cap. ⌀ mm / "	€	
<b>111375</b>	320	25/1	<b>19,66</b>	1
<b>111380</b>	425	40/1-1/2	<b>26,78</b>	1
<b>111385</b>	550	50/2	<b>41,76</b>	1
<b>111390</b>	630	75/3	<b>63,01</b>	1

## Straight angle pipe wrench

**FORGED  
STEEL**



- Head hardened to 45 HRC
- Very heavy duty tool with teeth hardened to 60 HRC
- Body finish painted

Code	L mm	Max.cap. ⌀ mm / "	€	
<b>111355</b>	320	25/1	<b>18,42</b>	1
<b>111360</b>	425	40/1-1/2	<b>25,05</b>	1
<b>111365</b>	550	50/2	<b>39,05</b>	1
<b>111370</b>	630	75/3	<b>58,96</b>	1

**Forged chain pipe wrench**

**FORGED  
STEEL**



**CHAIN  
L: 50 cm**



- Body tempered to 40 HRC
- Very heavy duty tool with teeth hardened to 52 HRC
- Body finish painted
- With hole for hanging

Code	L "	L mm	⌀ max. mm	€	
<b>111340</b>	12	300	150	<b>27,00</b>	1
SPARE CHAIN					
<b>111341</b>	20	for code 111340		<b>11,39</b>	1

**Forged chain pipe wrench**

**FORGED  
STEEL**



**CHAIN  
L: 62 cm**



- Body tempered to 40 HRC
- Very heavy duty tool with teeth hardened to 52 HRC
- Body finish painted
- With hole for hanging

Code	L "	L mm	⌀ max. mm	€	
<b>111342</b>	18	450	188	<b>45,00</b>	1
SPARE CHAIN					
<b>111343</b>	25	for code 111342		<b>19,36</b>	1

**Forged chain pipe wrench longue**

**FORGED  
STEEL**



**CHAIN  
111350  
L: 73 cm  
111352  
L: 85 cm**



- Body tempered to 40 HRC
- Very heavy duty tool with teeth hardened to 52 HRC
- Body finish painted
- With hole for hanging

Code	L "	L mm	L chain mm/"	⌀ max. mm	€	
<b>111350</b>	24	600	730/29	210	<b>75,97</b>	1
<b>111352</b>	36	900	850/34	250	<b>143,00</b>	1
SPARE CHAIN						
<b>111351</b>	for code 111350				<b>22,40</b>	1
<b>111353</b>	for code 111352				<b>28,50</b>	1

**Forged pipe wrench for strong works**

**FORGED  
STEEL**



**CHAIN  
111344  
L: 67 cm  
111346  
L: 82 cm**



**Used in oil pipelines,  
gas pipelines and  
perforations**

- Forged handle
- Induction tempered teeth
- Head with reversible jaw
- Metallic chain in steel

Code	L "	L mm	L chain mm/"	⌀ max. mm	€	
<b>111344</b>	36	900	675/27	200	<b>92,60</b>	1
<b>111346</b>	40	1000	825/33	240	<b>127,65</b>	1
SPARE CHAIN						
<b>111345</b>	for code 111344				<b>37,04</b>	1
<b>111347</b>	for code 111346				<b>50,67</b>	1

## Oil filter wrench

FORGED  
STEEL



STRAP  
L: 53 cm

Used in oil filter changes

Code	L "	L mm	Ø max "	€	
<b>111330</b>	9	225	4	<b>14,26</b>	1

## Strap wrench

ALUMINIUM



STRAP  
L: 104 cm

- Body made in aluminium
- Nylon strap

Code	L "	L mm	Ø max "	€	
<b>111338</b>	12	300	8	<b>28,00</b>	1

### SPARE CHAIN

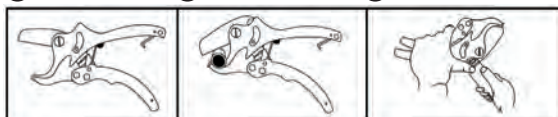
<b>111339</b>	for code 111338			<b>12,04</b>	1
---------------	-----------------	--	--	--------------	---

## Plastic pipe cutter Ø 42 mm



### USE DIRECTIONS

- 1 Set up
- 2 Cutting
- 3 Chamfering



Remove the handle security locking and open the handles

Place the tube between the blades and press

Close the cutter

### CUTTING CAPACITY

Type of pipe	Ø inner mm	Ø outer mm
PVC	<b>13-30</b>	<b>42</b>
Poliethylene	<b>30</b>	<b>42</b>
Wire	<b>14-26</b>	<b>42</b>

Code	Ø mm	€	
<b>108260</b>	42	<b>44,35</b>	1

Display with blister

## Plastic pipe cutter Ø 27 mm



- Same features as 108260
- Plastic support not included

### CUTTING CAPACITY

Type of pipe	Ø inner mm	Ø outer mm
PVC	<b>13-20</b>	<b>27</b>
Poliethylene	<b>20</b>	<b>27</b>
Wire	<b>14-20</b>	<b>27</b>

Code	Ø mm	€	
<b>108250</b>	27	<b>27,00</b>	1

## Spare blade for PVC pipe cutters

STAINLESS  
STEEL



Very sharp blade. Wear gloves during blade change

Code	For code	€	
<b>108265</b>	108260	<b>10,51</b>	1
<b>108255</b>	108250	<b>6,39</b>	1

Display with blister



**Telescopic pipe cutter**

**CAPACITY**  
Ø 6-70 mm



**INCLUDES:**



Code	L mm	€	
<b>111520</b>	220	<b>59,35</b>	1
<b>SPARE BLADE</b>			
<b>111525</b>	Cu-Bro-Al	<b>4,20</b>	10

**Display with blister**

**Telescopic pipe cutter**

**CAPACITY**  
Ø 3-45 mm



**INCLUDES:**



- Aluminium body. Very light.
- Ergonomic handle.
- 4 polished rollers with grooves for flared tubes.
- With retractable rotating reamer
- Delivered with a spare blade inside the handle 111525

Code	L mm	€	
<b>111514</b>	170	<b>38,00</b>	1
<b>SPARE BLADE</b>			
<b>111525</b>	Cu-Bro-Al	<b>4,20</b>	10

**Display with blister**

**Telescopic pipe cutter**

**CAPACITY**  
Ø 3-35 mm



**INCLUDES:**



- Aluminium body. Very light.
- Ergonomic handle.
- 4 polished rollers with grooves for flared tubes.
- With retractable rotating reamer
- Delivered with a spare blade inside the handle 111525

Code	L mm	€	
<b>111513</b>	140	<b>18,45</b>	1
<b>SPARE BLADE</b>			
<b>111525</b>	Cu-Bro-Al	<b>4,20</b>	10

**Display with blister**

## Steel pipe cutter

**CAPACITY**  
Ø 12-50 mm



**Used for steel tubes**

- Steel body reforced
- 2 polished rollers
- Handle in T to make the tightening easier

Code	L mm	€	
<b>111522</b>	400	<b>78,49</b>	1

SPARE BLADE			
<b>111536</b>	Steel	<b>12,61</b>	1

## Steel pipe cutter

**CAPACITY**  
Ø 32-100 mm



**Used for steel tubes**

- Steel body reforced
- 2 polished rollers
- Handle in T to make the tightening easier

Code	L mm	€	
<b>111524</b>	510	<b>135,00</b>	1

SPARE BLADE			
<b>111537</b>	Steel	<b>18,50</b>	1



Including bar of 300 mm for strong tightening

## Pipe cutter

**CAPACITY**  
Ø 3-30 mm



**INCLUDES:**



- Aluminium body. Very light.
- Ergonomic handle.
- 2 polished rollers with grooves for flared tubes.
- With foldable blade reamer inside the body.
- Cutting wheel for brass, copper and aluminium pipe

Code	L mm	€	
<b>111510</b>	150	<b>13,25</b>	6

SPARE BLADE			
<b>111535</b>	Cu-Bro-Al	<b>2,83</b>	10

**Display with blister**

## Pipe cutter

**CAPACITY**  
Ø 15-45 mm



**INCLUDES:**



- Aluminium body. Very light.
- Ergonomic handle.
- 2 polished rollers with grooves for flared tubes.
- With foldable blade reamer inside the body.
- Cutting wheel for brass, copper and aluminium pipe

Code	L mm	€	
<b>111511</b>	170	<b>20,00</b>	2

SPARE BLADE			
<b>111534</b>	Cu-Bro-Al	<b>4,00</b>	10

**Display with blister**

## Mini pipe cutter



**INCLUDES:**



- Aluminium body
- 2 polished rollers with grooves for flared tubes.
- Suitable for copper, brass and aluminium pipe

Code	Ø mm	€	
<b>111505</b>	3-16	<b>9,59</b>	1
<b>111506</b>	3-22	<b>9,94</b>	1
<b>111507</b>	3-28	<b>12,00</b>	1

SPARE BLADE			
<b>111535</b>	Cu-Bro-Al	<b>2,83</b>	10

**Display with blister**

**Pipe vice**

**CAST IRON**

Dimensions: 325x220x200 mm



- Cast iron body
- Induction tempered jaws
- Upper mobile jaw
- With holes for fixation to table

Code	Ø "	Ø mm	€	
<b>199335</b>	2	60	<b>56,89</b>	1

**Automatic pipe cutter**

**INSTRUCTIONS USE:**

- Put the pipe in the inside part of the cutter. It will fit automatically.
- Turn round several times until the pipe is cut.
- All measures of pipe cutters are using the same blade 111538



Code	Ø mm	Ø mm Tube	€	
<b>111501</b>	48	10	<b>17,72</b>	1
<b>111502</b>	52	12	<b>18,82</b>	1
<b>111503</b>	56	15	<b>20,18</b>	1
<b>111504</b>	68	22	<b>21,53</b>	1

**SPARE BLADE**

<b>111538</b>	Cu-Bro-Al		<b>3,87</b>	10
---------------	-----------	--	-------------	----

Display with blister

**Deburring tool, plastic body**



**INCLUDES:**



- Can be used in two directions
- Includes HSS steel replacement blade

Code	L mm	€	
<b>111545</b>	150	<b>11,91</b>	6

**Deburring tool, metallic body**



- Can be used in two directions

Code	L mm	€	
<b>111550</b>	150	<b>9,50</b>	6

**Spare blade**



Code	For code	€	
<b>111551</b>	111545, 111550	<b>5,03</b>	6

**Tube reamer**



For reaming the outer side of the pipe



For reaming the inner side of the pipe

- 3 blades made of Steel.
- Cylindrical body made of hard plastic.
- For reaming both the inner and outer side of the pipe between 3 and 40 mm.

Code	Pipe Ø mm	€	
<b>111540</b>	3-40	<b>11,00</b>	1

## Heavy duty magnetic level

**ACCURACY:**

- 0,5 mm/m standard position
- 0,75 mm/m reversed position

Special ergonomic frame shape

Made of Aluminium alloy with 2 machined faces for a higher accuracy

Sides shock-proof protected with rubber end caps

Rubber coated handle for comfortable handling feel

High magnetic strength. 3 kg strength magnets on sides and 5 kg on central area. Magnets located inside the level frame (not visible).

Finely milled top and bottom V-shape slot

Code	L mm	A mm	B mm	€	
<b>196204</b>	400	28	60	<b>26,50</b>	1
<b>196206</b>	600	28	60	<b>31,83</b>	1
<b>196208</b>	800	28	60	<b>37,18</b>	1
<b>196210</b>	1000	28	60	<b>47,70</b>	1
<b>196212</b>	1200	28	60	<b>53,76</b>	1

196204 (only one handle)

## Heavy duty trapezoidal magnetic level

**ACCURACY:**

- 0,5 mm/m standard position

Hole for hanging

Beating surface. Due to the heavy duty frame this zone can be beaten for leveling

Heavy duty Aluminium alloy frame

Magnetic base. High magnetic strength

600 and 800 mm. sizes with 3 vials (horizontal, vertical and 45° vial) and 16" mm with two vials (horizontal and vertical)

Code	L mm	€	
<b>196290</b>	400	<b>22,07</b>	1
<b>196292</b>	600	<b>29,33</b>	1
<b>196294</b>	800	<b>43,01</b>	1



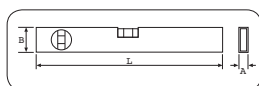
**New**

**Tubular spirit level**

**ACCURACY**



**0,50 mm/m**  
standard position



- Aluminum body with both surfaces milled support for greater accuracy
- Mechanized work surface
- Side with rubber shock protection
- Three fiolas: horizontal, vertical and 45°

Code	L mm	A mm	B mm	€	
<b>196006</b>	400	27	52	<b>10,50</b>	6
<b>196008</b>	500	27	52	<b>12,10</b>	6
<b>196011</b>	600	27	52	<b>13,60</b>	6
<b>196016</b>	800	27	52	<b>16,90</b>	6
<b>196021</b>	1000	27	52	<b>19,80</b>	1
<b>196026</b>	1200	27	52	<b>24,40</b>	1

**Tubular magnetic level**

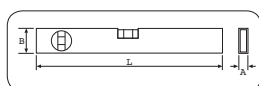
**ACCURACY**



**0,50 mm/m**  
standard position



2 magnets



- Aluminum body with both surfaces milled support for greater accuracy
- Mechanized work surface
- Side with rubber shock protection
- Three fiolas: horizontal, vertical and 45°
- With two powerful magnets in the base to fix the level on metal surfaces

Code	L mm	A mm	B mm	€	
<b>196181</b>	400	27	52	<b>14,60</b>	6
<b>196183</b>	500	27	52	<b>16,00</b>	6
<b>196185</b>	600	27	52	<b>17,20</b>	6
<b>196186</b>	800	27	52	<b>20,00</b>	6
<b>196187</b>	1000	27	52	<b>28,20</b>	6
<b>196188</b>	1200	27	52	<b>32,00</b>	6

**Trapezoidal magnetic level**

**ACCURACY**



**0,75 mm/m**  
standard position




- Special frame made of injected die-cast Aluminium alloy.
- Milled levelling face.
- 2 vials: horizontal and vertical.

Code	L mm	€	
<b>196280</b>	400	<b>10,21</b>	6
<b>196282</b>	600	<b>15,00</b>	6


## Magnetic torpedo tubular level

### ACCURACY

 **0,75 mm/m**  
normal position



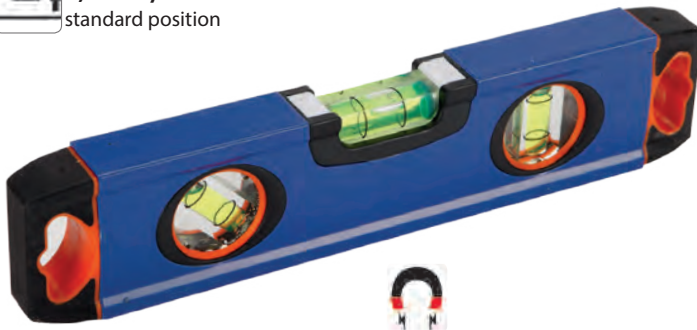
- Plastic frame with hanging hole.
- Magnetic base. Powerful magnets.
- 3 vials at 90°, 180° and 45°

Code	L mm	€	
<b>196252</b>	235	<b>5,50</b>	6


## Magnetic torpedo tubular level

### ACCURACY

 **0,5 mm/m**  
standard position



- Aluminium alloy frame.
- Magnetic base. Powerful magnets.
- 3 vials at 45°, 90° and 180°

Code	L mm	€	
<b>196203</b>	250	<b>12,96</b>	6

## Magnetic trapezoidal level


### ACCURACY

 **0,5 mm/m**  
standard position



Magnetic surface

- Heavy duty aluminium
- 2 vials at 90° and 180°

Code	L mm	€	
<b>196288</b>	250	<b>17,00</b>	6

## Mini pocket level with holder

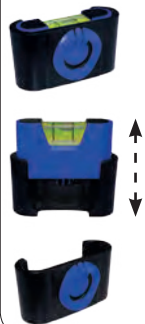
### ACCURACY

 **1 mm/m**



Dimensions: 70 x 20 x 41 mm

### INCLUDES HOLDER



Clip to hang

- Plastic body
- Lower magnetic base for horizontal leveling
- 1 vial

Code	€	
<b>196255</b>	<b>5,50</b>	6

**Self Leveling Laser Level Kit**



**LASER CLASS 2**  
TIPO  $\lambda$  635 nm  
SCOPE 15 m

**ACCURACY:**



**0,50 mm/m**  
in the laser line



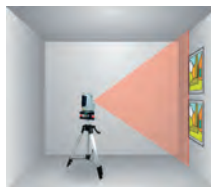
**CAUTION**



**USE GLASSES**



**APPLICATIONS**



Vertical beam



Horizontal beam



Cross beam

**INCLUDES:**



**2 x AA**



**Instructions for use**

**CONTENTS**

- Self adjusting level (includes two batteries)
- Adjustable aluminum tripod of 120 cm tall
- Target plate
- Safety glasses
- Manual

Code	€	
<b>196302</b>	<b>126,10</b>	<b>1</b>



**Laser level**



**LASER CLASE 2**  
TIPO  $\lambda$  650 nm

**ACCURACY::**



**0,50 mm/m**  
Horizontal fiola

**0,50 mm/m**  
Vertical fiola



**CAUTION**



**USE GLASSES**

**INCLUDES:**



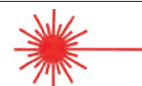
**2 x AAA**



**Instructions for use**



**PRECISION OF LASER**



**LASER POINT LASER CROSS**

**MÁX 30 m**    **MÁX 10 m**  
**± 0,5mm/m**    **± 1,0mm/m**

- Aluminum body with protection
- 2 fiolas at 90° and 180°
- Work base with "V" groove for tubes

Code	L mm	€	
<b>196303</b>	<b>400</b>	<b>64,50</b>	<b>1</b>



**Digital angular level**



**ACCURACY:**



**0,50 mm/m**  
Horizontal fiola

**0,50 mm/m**  
Vertical fiola



**INCLUDES**



**PPP3**



**Instructions for use**

**ANGULAR PRECISION**



**RESOLUTION**    **PRECISION**  
**0,1°**                **+ 0,5mm/m**

- Aluminum body with protection
- 2 fiolas at 90° and 180°
- Angular guide with travel 0° -220°
- Digital reader with LCD screen with calculation of difference of angles
- Quick battery change by opening 2 screw cover

Code	L mm	€	
<b>196304</b>	<b>380</b>	<b>64,00</b>	<b>1</b>

## Magnetic measuring tape



CLASS II



Nylon coated to avoid graduation erasing



Magnetic end hook



In displayer of 12 units (except 197324)

- Impact resistant antislip box
- Self aligning hook accurate for external and internal measurement
- Belt metal clip on the back side



### ANTI BLOCK SYSTEM:

- Return of the tape as usual
- Backward movement of the tape only when the button is pushed

### METRIC-IMPERIAL MARKING



Code	m	mm	€	
<b>197307</b>	3	16	<b>3,20</b>	12
<b>197317</b>	5	25	<b>5,50</b>	12

### METRIC MARKING



Code	m	mm	€	
<b>197305</b>	3	16	<b>3,00</b>	12
<b>197315</b>	5	25	<b>5,00</b>	12
<b>197324</b>	8	25	<b>7,50</b>	6

## Measuring tape



CLASS II



In displayer of 12 units (in 197322 and 197320 not available)

- Tape made of steel.
- Frame covered with rubber coat, providing non-slip grip and greater comfort.
- End hook accurate for external and internal measurement.
- Three different brake positions: blocked, semi-blocked, free.
- Metal clip on the rear part

### METRIC-IMPERIAL MARKING



Code	m	mm	€	
<b>197303</b>	3	16	<b>2,60</b>	12
<b>197312</b>	5	25	<b>4,20</b>	12

### METRIC MARKING



Code	m	mm	€	
<b>197300</b>	3	16	<b>2,00</b>	12
<b>197310</b>	5	25	<b>3,80</b>	12
<b>197320</b>	8	25	<b>5,00</b>	6
<b>197322</b>	10	25	<b>8,50</b>	6



**Long steel measuring tape**



**CLASS II**



Flush rewinding handle



Plastic ring holding system

- Steel tape
- Initial part of the tape measure covered in plastic
- Ergonomic and bimaterial plastic case

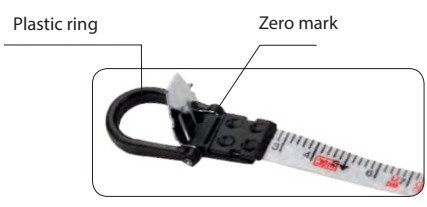
Code	m	mm	€	
<b>197350</b>	20	13	<b>15,00</b>	1
<b>197360</b>	30	13	<b>21,00</b>	1

Display with carton box

**Long fibreglass measuring tape**



**CLASS III**



- Vinyl-coated fibreglass tape
- Tape marked on both sides
- Anti-shock plastic case
- Flush winding handle
- Elastic band for easy handling

Code	m	mm	€	
<b>197325</b>	20	12,5	<b>11,50</b>	1
<b>197330</b>	30	12,5	<b>12,50</b>	1

Display with carton box

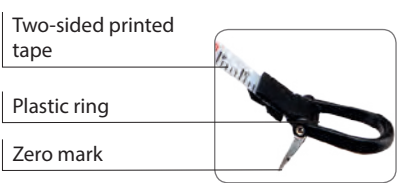
**Long fibreglass measuring tape**



**CLASS III**



**LENGTH 50 M.**



- Pointed tip to stick in ground
- Large-sized bimaterial handle
- Fast rewinding handle

Code	m	mm	€	
<b>197340</b>	50	13	<b>23,00</b>	1

## Measuring wheel

CE



**FOLDING**



**MEASUREMENT CAPACITY  
MAXIMUM 10,000 M.**

**Ø OF THE WHEEL  
300 mm**

- Wheel made of polyurethane
- Aluminum bar with ergonomic rubber handle
- Reset button
- Metal foot to rest the wheel

Code	Ø wheel mm	€	
<b>197355</b>	300	<b>77,75</b>	1

**Display with blister**

## Foldable measuring wheel

CE



Brake and distance controller in the handle



**TRIPLE FOLDING  
OPEN: 1040 mm  
CLOSED: 430 mm**



**MEASUREMENT CAPACITY  
MAXIMUM 10,000 M.**

**Ø OF THE WHEEL  
160 mm**

- New transmission system design
- Brake and marker controller from the handle
- Reset button on the marker
- Polyurethane wheel
- Weight 1.1 kg
- Very compact for easy use and transport



Wheel in the central axle

Code	€	
<b>197357</b>	<b>93,32</b>	1

**Display with blister**

**New**

**Chalk line in plastic box**

**QUICK  
REWIND  
6:1**



**LENGTH OF  
CORD 30 M.**

- Coated metal body rubber exterior
- Dust filling window
- Polyester cord that does not fray
- Special steel hook to fix to different surfaces
- Possibility of cord locking plotter (use as plumb line)

Code	€	
<b>196190</b>	<b>8,00</b>	5

**Display in box**

**Chalk line and bottle set**

**New**



**LENGTH OF  
CORD 30 M.**

- CONTENTS**
- 196190 chalk line
  - 125 gr. blue chalk powder bottle
  - Level of 75 mm.

Code	€	
<b>196195</b>	<b>10,00</b>	4

**Display with blister**

**Blue chalk refill**

**BLUE COLOUR  
POWDER**



196197



196199



196200



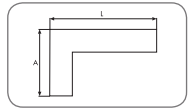
It contains silicon dioxide (SiO<sub>2</sub>) that can be harmful to health when inhaled.

- Special plastic bottle for an easier recharge of powder.
- Very thin blue chalk powder.

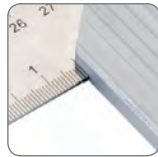
Code	Weight gr	€	
<b>196197</b>	250	<b>2,60</b>	10
<b>196199</b>	500	<b>4,36</b>	6
<b>196200</b>	1000	<b>6,48</b>	4

## Engineers precision square

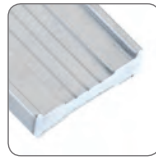
STAINLESS  
STEEL



Graduated



Reinforced joint



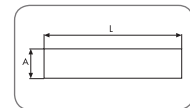
Reinforced profile

- Blade made in Stainless Steel.
- Two-sided graduated rule.
- Handle made of Aluminium
- Riveted joint between handle and rule

Code	L x A mm	€	
<b>197375</b>	250x130	<b>8,06</b>	6
<b>197380</b>	300x150	<b>9,50</b>	6
<b>197385</b>	400x180	<b>11,76</b>	6
<b>197386</b>	600x200	<b>15,89</b>	6

## Rule

STAINLESS  
STEEL



- Two-sided graduated rule

Code	L x A mm	€	
<b>197280</b>	200x20	<b>1,07</b>	12
<b>197281</b>	300x25	<b>1,27</b>	12
<b>197282</b>	500x25	<b>2,81</b>	12

## Mitre square

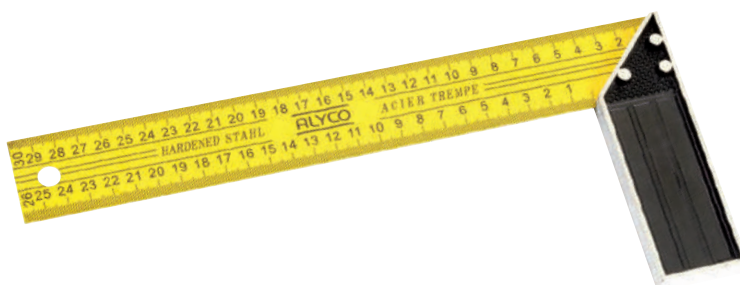
STAINLESS  
STEEL



- Rule made in Stainless Steel.
- Two-sided graduated rule.
- Handle made of Aluminium
- Angle graduation on the head to position the ruler at the desired angle.
- Tighten-release screw for the ruler. Capacity to adjust the angle and the length.

Code	L mm	€	
<b>197398</b>	250	<b>10,50</b>	6
<b>197399</b>	300	<b>11,00</b>	6

## Square with aluminium handle



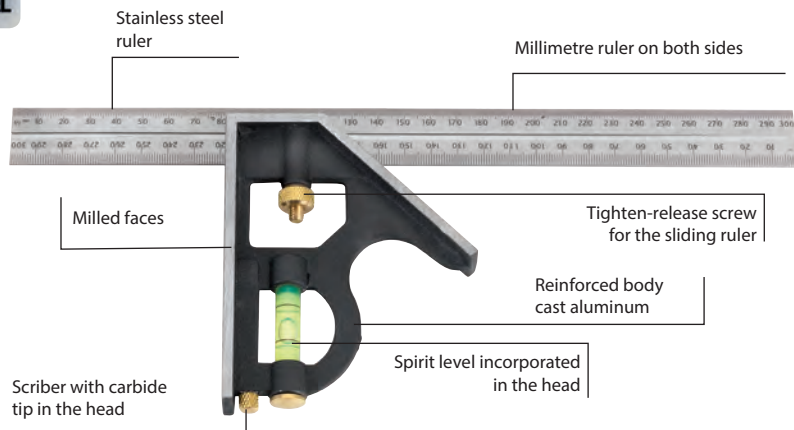
- Blade made of hardened steel.
- Aluminium handle
- Millimetre ruler on both sides.
- Secure riveted joint between blade and handle

Code	L mm	€	
<b>197390</b>	250	<b>3,50</b>	10
<b>197392</b>	300	<b>4,00</b>	10
<b>197394</b>	400	<b>4,70</b>	10
<b>197396</b>	600	<b>7,00</b>	10



**10 in 1 multifunction square**

STAINLESS  
STEEL



**FUNCTIONS:**

- Millimetre ruler
- 90° interior square
- 90° exterior square
- 135° interior square
- 45° interior square
- Horizontal levelling
- Vertical levelling
- T square with sliding ruler
- Interior measurement

Code	L mm	€	
<b>197415</b>	300	<b>13,00</b>	6
<b>197420</b>	400	<b>15,00</b>	6

**Digital vernier calliper**

STAINLESS  
STEEL



- Displayer in mm and inches
- 40 mm depth jaws.
- Screw lock system.

Code	L mm	Accuracy mm	€	
<b>197372</b>	150	0,01	<b>38,44</b>	1

**Vernier calliper**

STAINLESS  
STEEL



- Displayer in mm and inches
- 40 mm depth jaws.
- Screw lock system.

Code	L mm	Accuracy mm	€	
<b>197370</b>	150	0,05	<b>25,01</b>	1

**External micrometer**



- Made of cast iron
- Thimble and sleeve made of steel
- Carbide plunger tip anvils
- Brake for reading fixation

Code	L mm	Accuracy mm	€	
<b>197374</b>	0-25	0,01	<b>20,00</b>	1

Display in plastic case

## Thickness gauges



### CONTENTS

0,05- 0,10- 0,15- 0,20- 0,25- 0,30- 0,35- 0,40- 0,45- 0,50- 0,55- 0,60- 0,65- 0,70- 0,75- 0,80- 0,85- 0,90- 0,95- 1mm

Code	No. of gauges	€	
<b>197362</b>	20	<b>5,63</b>	6

## Screw pitch gauges



### CONTENTS

0,25- 0,30- 0,35- 0,40- 0,45- 0,50- 0,60- 0,70- 0,75- 0,80- 0,90- 1- 1,25- 1,50- 1,75- 2- 2,5- 3- 3,5- 4- 4,5- 5- 5,5- 6 mm

Code	No. of gauges	€	
<b>197365</b>	24	<b>8,50</b>	6

## Cilíndric tip scriber

CR-V  
STEEL



Code	mm	Ø mm	€	
<b>119132</b>	125	6	<b>4,30</b>	12

## Square tip scriber

CR-V  
STEEL



Code	mm	mm	€	
<b>119134</b>	125	6	<b>4,36</b>	12

## Carbide tip scriber and leads



• Scriber tip made of tungsten carbide.

Code	L mm	€	
<b>123000</b>	150	<b>8,00</b>	10
SPARE LEADS			
<b>140030</b>	25	<b>4,00</b>	10

## Carbide scriber



• Body of carbide pen scriber made of Chrome Vanadium Steel. Tip made in tungsten carbide.

Code	L mm	€	
<b>123001</b>	150	<b>5,00</b>	10

## Engineers scriber

ANGLE 90°

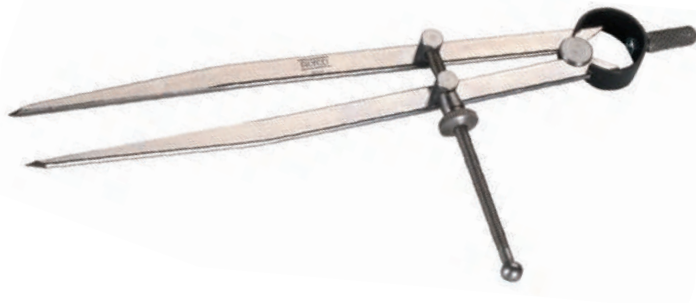


• Body made of Chrome Vanadium Steel  
• Tip made in tungsten carbide  
• Tips hardened to 40-45 HRC

Code	L mm	Ø mm	€	
<b>123005</b>	200	4	<b>4,26</b>	12

Display with blister

**Spring divider**



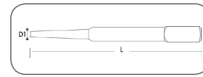
- Spring divider for marking.
- Tempered tips.
- Adjustment by knurled wheel.

Code	L mm	€	
<b>149001</b>	100	<b>13,25</b>	6
<b>149002</b>	150	<b>14,46</b>	6
<b>149003</b>	200	<b>17,46</b>	6
<b>149004</b>	250	<b>18,63</b>	6

**Wood punches for hiding nail heads**



Code	Ø "	€	
<b>140001</b>	1/32	<b>3,00</b>	12
<b>140002</b>	2/32	<b>3,00</b>	12
<b>140003</b>	3/32	<b>3,00</b>	12
<b>140004</b>	4/32	<b>3,00</b>	12



**Centre punch**



Code	Ø "	€	
<b>140006</b>	1/32	<b>3,50</b>	12
<b>140007</b>	2/32	<b>3,50</b>	12
<b>140008</b>	3/32	<b>3,50</b>	12
<b>140009</b>	4/32	<b>3,50</b>	12

**PUNCH SET**

Code	Size	€
<b>140005</b>	140001/140002 140003/140004	<b>12,00</b>



**CENTRE PUNCH SET**

Code	Size	€
<b>140010</b>	140006/140007 140008/140009	<b>14,00</b>

**Centre punch for wood**



Code	L mm	€	
<b>140011</b>	100	<b>4,00</b>	12

**Thin tipped ink marker pen**



- Permanent ink markers
- 9 mm thin tip

Code	L mm	Colour	€	
<b>149081</b>	120	<b>Red</b>	<b>1,11</b>	12
<b>149086</b>	120	<b>Black</b>	<b>1,11</b>	12
<b>149087</b>	120	<b>Blue</b>	<b>1,11</b>	12

**Carpenter pencil**



- Pencil with graphite lead
- Oval-shaped bod
- Delivered unsharpened

Code	L mm	€	
<b>149050</b>	175	<b>0,38</b>	144

In counter top display

**2 colour Carpenter pencil**



**Blue** **Red**

Code	L mm	€	
<b>149055</b>	175	<b>0,49</b>	144

In counter top display



## 13 Lighting and electricity



**Bifocal work light**

**251**



**Slim work ligh**

**253**



**Head ligh**

**256**



**Projector**

**259**



**Projector with tripod**

**260**



**Cable reel**

**261**



**Extensión lead**

**263**



**Booster cable**

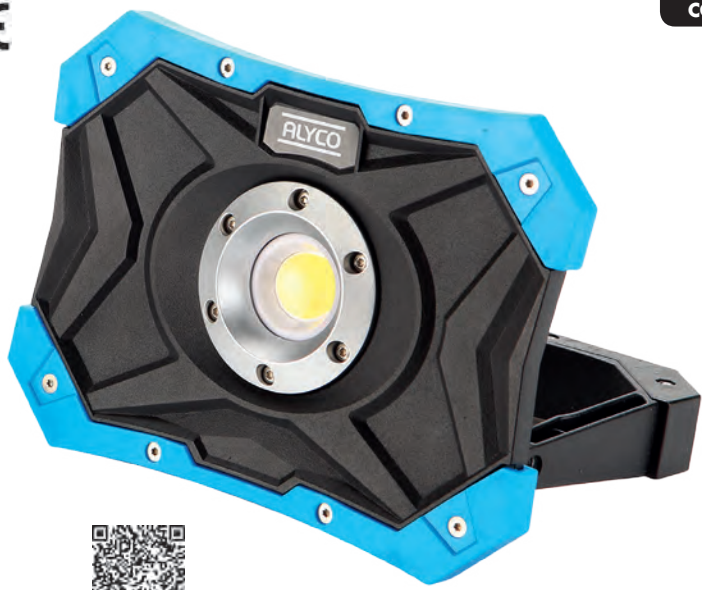
**264**



**New**

**20W COB rechargeable work light**

CE



20 W  
COB

1600  
Lumen

Li  
3,7 V.  
6600 mAh

IP54



Instructions for use



190x135x47 mm  
900 gr

**CHARGING TIME DURATION**

↑ 4 Hours    ↓ 3 Hours

**ACCESSORY**

240 V.

**ACCESSORIES**

- Battery charge indicator
- USB 5V-1A output for charging external devices mobile phones, tablets, GPS, drones ...

Code	€	
199222	77,80	1

**LIGHT OPTIONS**

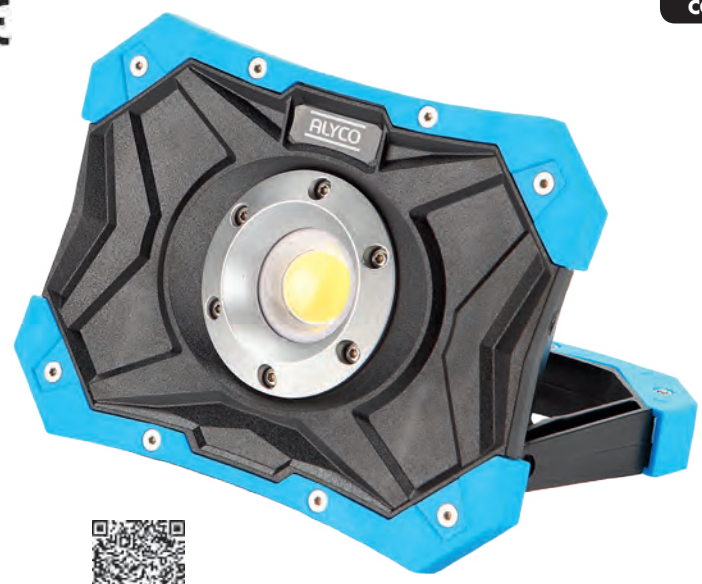
1 100%    2 50%    3 SOS    4 FLASH    5 OFF

**MAGNETIC HANDLE**

180°

**10W COB rechargeable work light**

CE



10 W  
COB

800  
Lumen

Li  
3,7 V.  
4400 mAh

IP54

**New**



Instructions for use



170x116x45 mm  
480 gr

**CHARGING TIME DURATION**

↑ 4 Hours    ↓ 3 Hours

**ACCESSORY**

240 V.

**ACCESSORIES**

- Battery charge indicator
- USB 5V-1A output for charging external devices mobile phones, tablets, GPS, drones ...

Code	€	
199220	46,80	1

**LIGHT OPTIONS**

1 100%    2 50%    3 SOS    4 FLASH    5 OFF

**MAGNETIC HANDLE**

180°

COB 10W rechargeable work light



FLASHLIGHT

3 W  
1 LED  
150 Lumen

FRONT FOCUS

10 W  
COB  
900 Lumen  
Scope  
15 m

LIGHT OPTIONS

1 2 3 4  
50% 100% OFF

SWIVEL BASE  
MULTIPOSITION

CHARGING TIME DURATION  
3 Hours 3 Hours



3,7 V.  
4000 mAh



Instructions for use

240x45x45 mm  
400 gr

INCLUDES:

3 magnets  
Hook  
2 hooks  
Magnet  
Battery indicator  
MicroUSB charger  
Magnet  
Hook  
Magnetic base

Code	€	
190573	62,20	1

Display with blister

COB 3W rechargeable work light



3 W  
COB

220 Lumen

Scope  
3 m



3,7 V.  
2200 mAh



Instructions for use

160x40x35 mm  
140 gr

CHARGING TIME DURATION  
4 Hours 4 Hours



Battery with USB input for wireless charging

2 magnets  
Hook  
Magnet  
Magnetic base

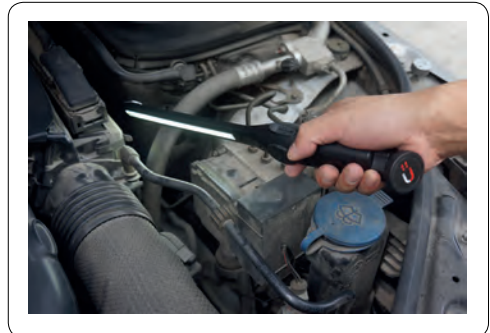
Code	€	
190571	22,05	1

**New**

**10W rechargeable slim work light**



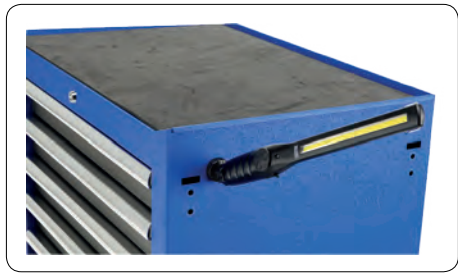
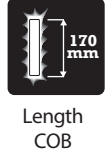
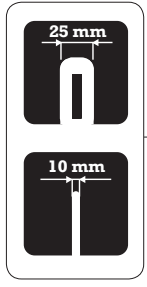
3,7 V.  
2600 mAh



Extra-thin flashlight to access to confined spaces



Instructions for use



Swivel base and magnet to guide light at any angle



CHARGING TIME	DURATION
5 Hours	3 Hours

400x35x40 mm  
300 gr

Code	€	Quantity
190504	38,20	1

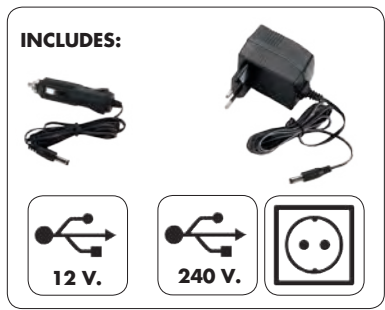
Display with blister

**Rechargeable inspection lamp**



3,7 V.  
2200 mAh

380x68x68 mm  
450 gr



CHARGING TIME	DURATION
6 Hours	3 Hours

Code	€	Quantity
190501	31,60	1

Display with blister

It includes the attachable magnetic holder to the body of the lamp



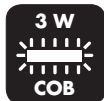
3W COB rechargeable work light



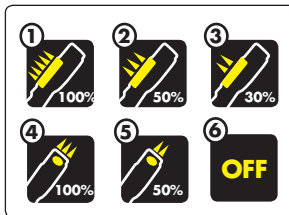
FLASHLIGHT



FRONT FOCUS



LIGHT OPTIONS



Hold down a few seconds the power button to change light option



Instructions for use

120x50x34 mm  
240 gr

**CHARGING TIME DURATION**

**4 Hours**   **4 Hours**

**INCLUDES:**

micro USB   USB



Battery indicator

210°

CLIP Carabiner for hanging

3 magnets

Magnet

Magnet

Magnet

Code	€	
190539	34,15	1

Display with blister

1W COB pen torch



LIGHT OPTIONS



FRONT FOCUS



Instructions for use

173x33x20 mm  
40 gr

**CHARGING TIME DURATION**

**4 Hours**   **2 Hours**

**INCLUDES**

micro USB   USB

FLASHLIGHT



2 magnets

microUSB Connector

Magnetic base

Magnet

Code	€	
190543	18,90	1

Display with blister



**New**

**2W COB-LED foldable work light**



**INCLUDES:**  
  
**3 x AA**

**FRONT FOCUS**

**2 W**  
  
**200 Lumen**



218x51x31 mm  
230 gr



**FLASHLIGHT**  
  
**1 LED**   **30 Lumen**

**LIGHT OPTIONS**

Code	€	
190512	9,30	12

In countertop display



**3W COB-LED light**



**INCLUDES:**  
  
**3 x AAA**

**New**



95x64x34 mm  
90 gr



**FLASHLIGHT**  
  
**1 LED**   **45 Lumen**

**FRONT FOCUS**  
  
**3 W**   **200 Lumen**

**LIGHT OPTIONS**

Code	€	
190538	4,80	12

In countertop display



**1W SMD pen torch**



**INCLUDES:**  
  
**3 x AAA**

**New**



173x31x27 mm  
34 gr

**FLASHLIGHT**  
  
**1 LED**   **15 Lumen**

**FRONT FOCUS**  
  
**1 W**   **35 Lumen**

**LIGHT OPTIONS**

Code	€	
190546	4,20	12

In countertop display



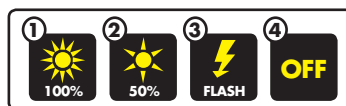
CREE LED rechargeable head light



3,7 V.  
5200 mAh



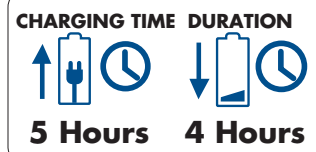
LIGHT OPTIONS



INCLUDES:



Instructions for use



The flashlight uses 2 batteries

- Aluminum and ABS plastic structure
- Adjustable tilt 90°

Code	€	
190561	36,00	1
SPARE BATTERIES		
190558	8,00	1

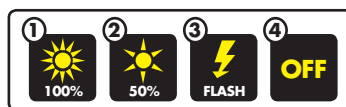
CREE LED rechargeable head light



3,7 V.  
4000 mAh



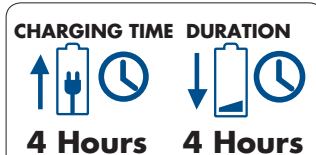
LIGHT OPTIONS



INCLUDES:



Instructions for use



The flashlight uses 2 batteries

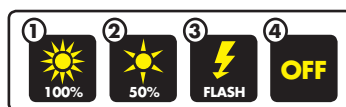
- Aluminum and ABS plastic structure
- Adjustable tilt 90°
- Battery charge indicator

Code	€	
190562	28,50	1
SPARE BATTERIES		
190558	8,00	1

10 LED head light



LIGHT OPTIONS

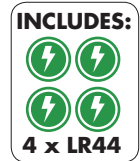
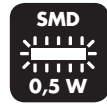
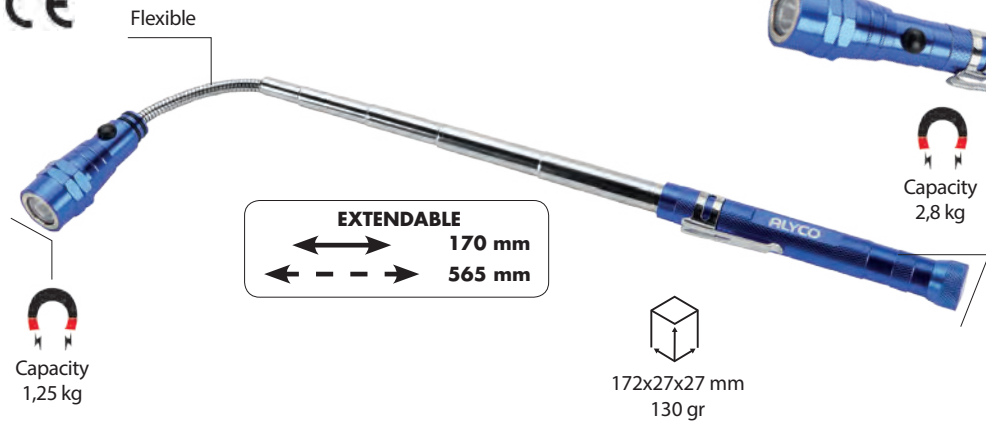


- ABS plastic structure
- Adjustable tilt

Code	€	
190568	6,00	10

Display with blister

**Flexi-Head Torch pick-up tool**

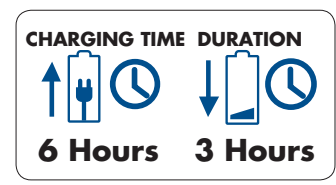
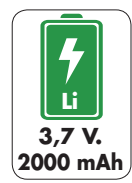


- Aluminum housing Ø 15 mm
- Focusing Ø 23 mm

Code	€	
<b>190570</b>	<b>9,20</b>	12

Display with blister

**3W LED rechargeable spot light**

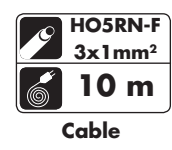
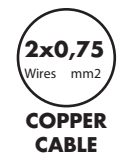


170x164x80 mm  
 330 gr

Code	€	
<b>190552</b>	<b>32,50</b>	1

Display with carton box

**Work light**



- Bulb not included
- Protective cage
- Reflective head

325x90x90 mm  
 800 gr

Code	€	
<b>190535</b>	<b>16,63</b>	5

Display in plastic bag

**USB cable charger**



- Input 100-240V AC / 50-60 Hz
- 5V / 1000 mA output



Code	€	
<b>190559</b>	<b>4,50</b>	6

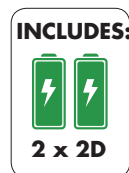


## Tubular torch Ø 54 mm

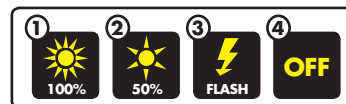


Diameter 54 mm


  
255x55x55 mm  
780 gr



### LIGHT OPTIONS



- Body made of aluminum
- Impact and water resistant lens

Code	L mm	€	
190577	250	35,70	1

Display with blister

## Tubular torch Ø 34 mm

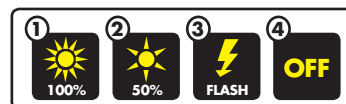


Diameter 34 mm


  
130x38x38 mm  
180 gr



### LIGHT OPTIONS



- Body made of aluminum
- Impact and water resistant lens


Code	L mm	€	
190575	130	19,40	1

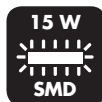
Display with blister

## Underbonnet Inspection Lamp



SPECIAL  
AUTOMOTION

  
1270x80x80 mm  
1800 gr



EXTENDABLE BODY  
127 - 210 CM



Cable

- Rubber coated hooks to prevent damaging the bonnet
- With 5 m. Cable 2 x 1'0 mm2

Code	€	
190574	88,70	1

Display with carton box



**New**

**50W SMD work light**



50 W SMD 5500 Lumen Scope 30 m White light 6500° K IP65



63 mm Superfine 130° Tilt

185x350x400 mm 2,6 kg

Instructions for use

Energy class A+

H05RN-F 3x1mm<sup>2</sup> 1,5 m Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199235	75,00	1

Display with in box

**30W SMD work light**



30 W SMD 3300 Lumen Scope 20 m White light 6500° K IP65

**New**



63 mm Superfine 130° Tilt

184x325x355 mm 2,1 kg

Instructions for use

Energy class A+

H05RN-F 3x1mm<sup>2</sup> 1,5 m Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199230	63,00	1

Display with in box

**20W SMD work light**



20 W SMD 2200 Lumen Scope 10 m White light 6500° K IP65

**New**



50 mm Superfine 130° Tilt

185x316x345 mm 1,7 kg

Instructions for use

Energy class A+

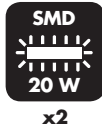
H05RN-F 3x1mm<sup>2</sup> 1,5 m Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199225	36,00	1

Display with in box

## 2 20W SMD work light with tripod



Instructions for use

Tripod telescopic



Maximum 158 cm  
67 cm minimum



725x725x180 mm  
5 kg



Energy class



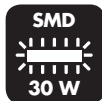
Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199228	98,00	1

Display with carton box

## 30W SMD flood light



Tilt



Instructions for use



Lockable



265x225x60 mm  
1,2 kg



Energy class



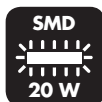
Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199245	56,00	1

Display with carton box

## 20W SMD flood light



Tilt



Instructions for use



Lockable



255x225x60 mm  
1,2 kg



Energy class



Cable

- Superfine aluminum housing
- Heavy duty steel frame
- Thick tempered glass
- Working temperature: -20° / + 50°

Code	€	
199240	32,00	1

Display with carton box

**New**

## High security cable reels



Co **3x2,5**  
Wires mm<sup>2</sup>  
**COPPER CABLE**

**TYPE OF CABLE: H07RN-F 3G**

MAX. **1300W** - 230 V - **5,6 A**

MAX. **3600W** - 230 V - **15,6 A**

**PROTECTION AGAINST OUTDOOR**

**IP44**

- 4 dust protection: objects with a diameter greater than 1 mm
- 4 protection against water: water projected in all directions

**CABLE 2,5 mm<sup>2</sup>**

222x300x390mm  
199401 8 kg  
199426 13 kg

Code	L m	€	
<b>199401</b>	25	<b>115,00</b>	1
<b>199426</b>	40	<b>150,00</b>	1

Display in carton box

## Cable reels with safety covers



Co **3x1,5**  
Wires mm<sup>2</sup>  
**COPPER CABLE**



**TYPE OF CABLE: H05VV-F 3G**

MAX. **1000W** - 230 V - **4,3 A**

MAX. **3000W** - 230 V - **13 A**

**WITH COVERS**

200x260x340 mm  
199405 4 kg  
199430 7 kg

Code	L m	€	
<b>199405</b>	25	<b>51,13</b>	1
<b>199430</b>	50	<b>81,24</b>	1

Display in carton box

## Cable reels



Co **3x1,5**  
Wires mm<sup>2</sup>  
**COPPER CABLE**



- Base and handgrip frame made of metal
- Reel made of hard plastic material
- Sockets with thermal safety device (red button)
- Plastic handle for rewinding and unwinding the cable
- Handle cover with non-slip rubber material

200x260x340 mm  
199400 4 kg  
199425 6 kg

Code	L m	€	
<b>199400</b>	25	<b>47,55</b>	1
<b>199425</b>	50	<b>78,08</b>	1

Display in carton box



### Short cable reels



**COPPER CABLE**

**TYPE OF CABLE: H05VV-F**



MAX. **1000W** - 230 V - **4,3 A**



MAX. **3000W** - 230 V - **10 A**

- Reel made of hard plastic material
- Cable reel with four sockets without cover (for internal jobs)
- Sockets with thermal safety device (red button)

Code	L m	€	
<b>199409</b>	5	<b>12,68</b>	5
<b>199410</b>	10	<b>18,50</b>	5
<b>199415</b>	15	<b>25,56</b>	5

**Display in carton box**

### Outdoor cable extension



**SECURITY COPPER CABLE**

**TYPE OF CABLE: H5VV-F**



MAX. **3680W** - 230 V - **16 A**

- Protractor with child protection system
- PVC coated cable
- Bipolar cable + ground

Code	L m	€	
<b>199416</b>	15	<b>20,50</b>	1
<b>199417</b>	25	<b>31,95</b>	1

### Cable extensions



**SECURITY COPPER CABLE**

**TYPE OF CABLE: H5VV-F**



MAX. **3680W** - 230 V - **16 A**

- Extension with baby protection system.
- PVC covered cable.
- Bipolar + ground cable.

Code	L m	€	
<b>199472</b>	2	<b>6,08</b>	1
<b>199473</b>	3	<b>7,69</b>	1
<b>199474</b>	4	<b>9,36</b>	1
<b>199475</b>	5	<b>11,30</b>	1



**New**

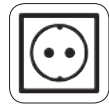
## Extension leads + USB base



**2 USB Sockets**  
**2100 mA - 5V DC**



**3x1,5**  
Wires mm<sup>2</sup>



**COPPER CABLE**

**TYPE OF CABLE: H05VV-F**  
MAX. **3680W** - 230 V - **16 A**



**CABLE LENGTH:**  
**1,40 M**

- Multiple base with child protection system
- Base with manual switch with optical warning
- Bipolar cable + 3G ground

Code	No. of sockets	€	
<b>199433</b>	3	<b>14,40</b>	1
<b>199435</b>	5	<b>15,80</b>	1
<b>199436</b>	6	<b>16,60</b>	1

## Extension leads with switch



**CABLE LENGTH:**  
**1,40 M Y 3 M**



**3x1,5**  
Wires mm<sup>2</sup>



**COPPER CABLE**

**TYPE OF CABLE: H05VV-F**  
MAX. **3680W** - 230 V - **16 A**



- Extension sockets with children protection.
- Base with manual switch with optical warning
- Bipolar + ground cable.

Code	No. of sockets	L cable m	€	
<b>199463</b>	3	1,4	<b>6,14</b>	1
<b>199464</b>	4	1,4	<b>6,56</b>	1
<b>199465</b>	5	1,4	<b>6,96</b>	1
<b>199466</b>	6	1,4	<b>7,49</b>	1
<b>New 199443</b>	3	3	<b>8,50</b>	1
<b>New 199444</b>	4	3	<b>8,80</b>	1
<b>New 199445</b>	5	3	<b>9,10</b>	1
<b>New 199446</b>	6	3	<b>9,50</b>	1

## Extension leads



**CABLE LENGTH:**  
**1,40 M**



**3x1,5**  
Wires mm<sup>2</sup>



**COPPER CABLE**

**TYPE OF CABLE: H05VV-F**  
MAX. **3680W** - 230 V - **16 A**



- Extension sockets with children protection.
- Bipolar + ground cable.

Code	No. of sockets	€	
<b>199453</b>	3	<b>4,80</b>	1
<b>199454</b>	4	<b>5,00</b>	1
<b>199455</b>	5	<b>5,20</b>	1
<b>199456</b>	6	<b>5,80</b>	1

### Heavy duty booster cable



**CLAMP**  
199370 **BRONZE**  
160x100 mm

**WIRE** **Cu** 100%  
LENGTH 3,5 M  
SECTION 35 mm<sup>2</sup>

Code	€	
199375	120,00	1

Display in plastic bag

### Copper booster cable



**CLAMP** **STEEL** **BRONZE**  
185x120 mm

**WIRE** **Cu** 100%  
LENGTH 3,5 M  
SECTION 25 mm<sup>2</sup>

Code	€	
199377	55,00	1

Display in plastic bag

### Copper-Aluminum booster cable



**CLAMP** **STEEL** **ZINC**  
190x130 mm

**WIRE** **Cu** **Al**  
LENGTH 3 M  
SECTION 35 mm<sup>2</sup>

Code	€	
199382	21,40	4

Display in plastic bag

### Copper-Aluminum booster cable



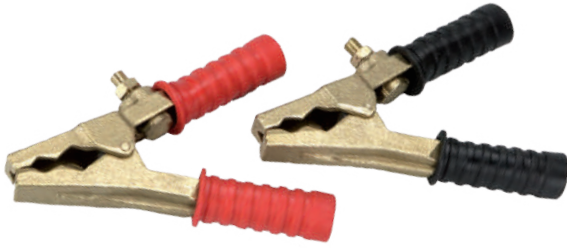
**CLAMP** **STEEL** **ZINC**  
190x130 mm

**WIRE** **Cu** **Al**  
LENGTH 2,5 M  
SECTION 25 mm<sup>2</sup>

Code	€	
199380	16,30	5

Display in plastic bag

**Heavy duty bronze booster clamp set**

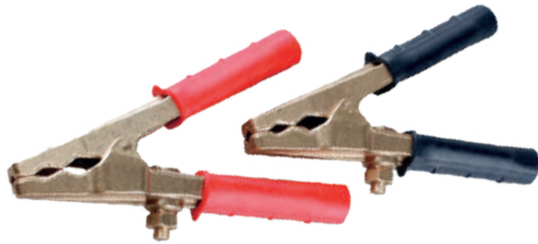


- Solid bronze body
- With screw for cable clamping
- Ergonomic PVC Insulated Handles
- Set of 2 clamps (1 red + 1 black)

Code	€	
<b>199370</b>	<b>32,00</b>	1

**Display in PVC bag**

**Set of 2 bronze drum clamps**



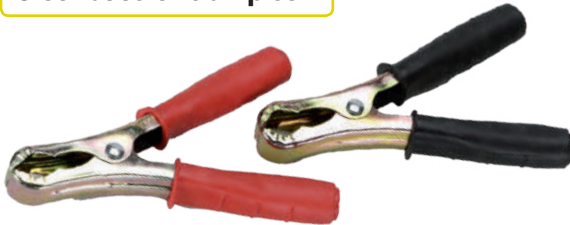
- Solid bronze body
- With screw for cable clamping
- Ergonomic PVC Insulated Handles
- Set of 2 clamps (1 red + 1 black)

Code	€	
<b>199368</b>	<b>27,00</b>	1

**Display in PVC bag**

**New**

**Steel booster clamp set**

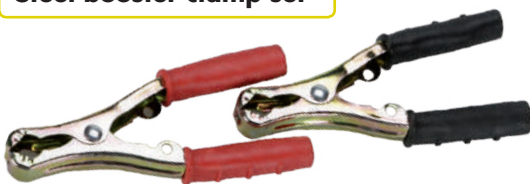


- Zinc-coated steel body
- Ergonomic PVC Insulated Handles
- Set of 2 clamps (1 red + 1 black)

Code	€	
<b>199369</b>	<b>2,65</b>	12

**Display in PVC bag**

**Steel booster clamp set**



- Zinc-coated steel body
- Ergonomic PVC Insulated Handles
- Set of 2 clamps (1 red + 1 black)

Code	€	
<b>199367</b>	<b>1,95</b>	12

**Display in PVC bag**

**Steel booster clamp set**



- Zinc-coated steel body
- Ergonomic PVC Insulated Handles
- Set of 2 clamps (1 red + 1 black)

Code	€	
<b>199365</b>	<b>1,20</b>	12

**Display in PVC bag**



## 14 Miscellaneous tools



**Bench vice 267**



**Suction lifter 269**



**Magnetic Mass 269**



**Finger magnetic 270**



**Puller 272**



**Multi-tool 275**



**Riveter 276**



**Oil filter wrench 278**



**Electric welder 279**



**Glue gun 279**



**Caulking gun 280**



**Mortar applicator 280**



**Polyurethan applicator 281**



**Grease gun 282**



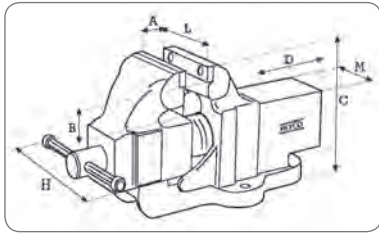
**Fuel can 283**



**Oil can 283**



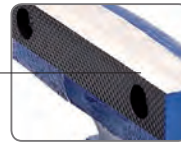
**Round cylinder bench vice**



Two lubrication points for a proper maintenance of the inner mechanism (second point on the back side)



End caps on the spinning handle to prevent falling



Anvil with an ample beating area

All bench vices made of high resistance steel

2nd lubrication point

Holes for bolting to a workbench with screws

Inner spindle completely covered by cylinder guide

Both drop forged jaws (fixed and movable jaws)

- Interchangeable parallel jaw plates
- Tempered jaws for a longer work life
- Knurled jaws for a better grip
- Can be used with rubber magnetic jaws

**VICE FEATURES**

Code	A mm	B mm	C mm	DxM mm	H mm	Max strength kg
199350	110	61	197	109x100	13	5000
199355	135	63	225	144x125	14	6500
199360	165	72	247	152x150	15	7500

Code	L mm	Weight Kg	€	
<b>199350</b>	100	15	<b>257,45</b>	1
<b>199355</b>	125	23	<b>346,60</b>	1
<b>199360</b>	150	32	<b>483,82</b>	1

See accessories on next page

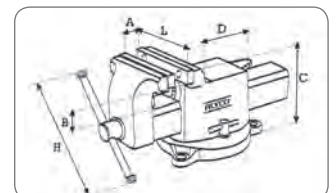
**Utility bench vice**



**VICE FEATURES**

Code	A mm	B mm	C mm	DxM mm	H mm	Max strength kg
199300	75	33	137	39	11	2500
199305	100	43	145	49	11	3500
199310	125	44	145	49	12	4000
199315	150	56	181	74	13	5000

- All made of Steel
- Both drop forged fixed and movable jaws
- Jaws:
  - Interchangeable
  - Tempered for a longer work life
  - Knurled for a better grip
- With 360° swivel base
- Beating area on the anvil
- V-shaped jaws for clamping tubes



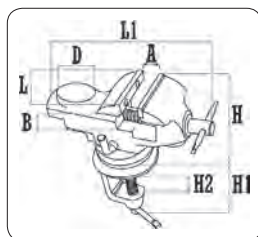
Code	L mm	Weight Kg	€	
<b>199300</b>	75	6	<b>100,16</b>	1
<b>199305</b>	100	7,5	<b>120,20</b>	1
<b>199310</b>	125	11	<b>143,54</b>	1
<b>199315</b>	150	14,5	<b>179,14</b>	1

See accessories on next page

## Bench vice



### TIGHTENING CAPACITY



- Cast iron manufactured.
- Parallel jaws:
  - Interchangeable
  - Tempered for a longer work life
  - Knurled for a better grip
- Includes swivel base 360°.
- Beating area on the anvil.

### VICE FEATURES

A máx. mm	B mm	H mm	H1 mm	D mm	L1 mm	H2 mm
90	38	100	126	55	200	62

Code	L mm	Weight Kg	€	
<b>199325</b>	65	4	<b>65,00</b>	1

## Interchangeable metal jaw

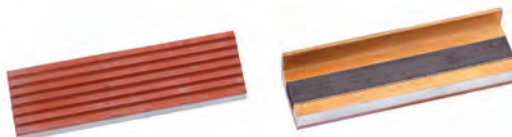


- Jaws made of Cr-V Steel. Hardened and knurled
- With assembling screws included

Code	L mm		For code	€	
<b>199351</b>	100	70	199350	<b>21,61</b>	1 par
<b>199356</b>	125	87	199355	<b>32,62</b>	1 par
<b>199361</b>	150	108	199360	<b>38,07</b>	1 par
<b>199301</b>	75	58	199300	<b>18,03</b>	1 par
<b>199306</b>	100	70	199305	<b>22,66</b>	1 par
<b>199311</b>	125	87	199310	<b>25,96</b>	1 par
<b>199316</b>	150	108	199315	<b>27,13</b>	1 par

Price by pair of jaws

## Interchangeable rubber jaw



- Magnetic band for attaching on the bench vice
- Jaws made of rubber material

Code	L mm	For code	€	
<b>199303</b>	75	199300	<b>24,93</b>	1 par
<b>199308</b>	100	199350/199305	<b>30,34</b>	1 par
<b>199313</b>	125	199355/199310	<b>35,64</b>	1 par
<b>199318</b>	150	199360/199315	<b>37,70</b>	1 par

Price by pair of jaws

## Swivel base



- Screws, pins and Steel plate for assembling on the workbench included.

Code	For code	€	
<b>199302</b>	199300	<b>17,81</b>	1
<b>199307</b>	199305	<b>21,72</b>	1
<b>199312</b>	199310	<b>26,34</b>	1
<b>199317</b>	199315	<b>31,42</b>	1

## Drill press vice

### TIGHTENING CAPACITY



- USE:**
- Table drill
  - Work benches

### VICE FEATURES

Max. Opening	Width H mm	Depth mm.
100	100	36

- Side slots for fixing to benches.
- Steel jaws in V shape for round pieces.

Code	€	
<b>199330</b>	<b>26,35</b>	1

## One piece suction lifter

**SUCTION CAPACITY**

**45 kg.**



**USE:**

- Glass
- Plastic
- Metal
- Marble
- Grain
- Smooth surfaces

Code	∅ mm	€	
<b>198005</b>	100	<b>17,00</b>	2

## Two-piece suction lifter

**SUCTION CAPACITY**

**60 kg.**



**USE:**

- Glass
- Plastic
- Metal
- Marble
- Grain
- Smooth surfaces

Code	∅ mm	€	
<b>198010</b>	2x100	<b>42,00</b>	1

**New**

## Magnetic mass

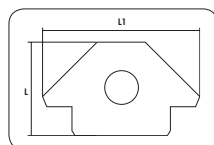
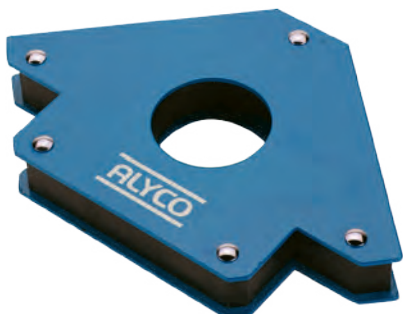


- Ferrite Magnet
- 360° swivel handle with adjustable spring
- Includes steel nuts, washers and screws

Code	∅ mm	Force kg	Amp.	€	
<b>198002</b>	50	7	200	<b>4,80</b>	10
<b>198004</b>	86	30	500	<b>11,00</b>	10

Display with blister

## Magnetic angle



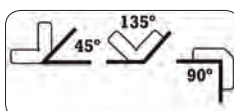
- Body made in steel.
- Body joined by rivets.
- Strong magnet inside.
- Hole to use it for lifting with a crane.

Code	L mm	L1 mm	€	
<b>197990</b>	85	120	<b>4,50</b>	10
<b>197992</b>	100	155	<b>7,00</b>	10
<b>197995</b>	120	185	<b>10,90</b>	10
<b>New 197996</b>	150	200	<b>12,80</b>	10

Display with blister

**New**

## Magnetic interior angle



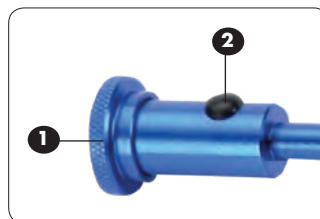
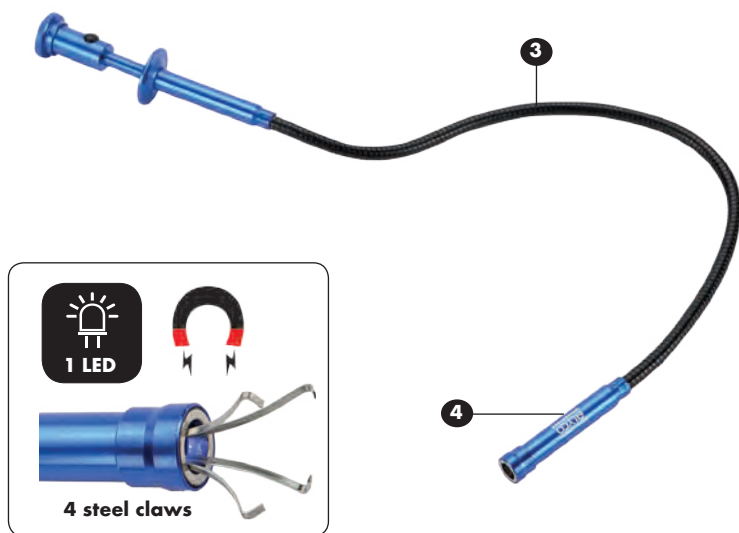
- Steel body
- Body joined by rivets
- Inner part with powerful magnet
- Hole to use as a crane lift

**Drag 13 Kg  
Elevation 9 Kg**

Code	€	
<b>197998</b>	<b>5,80</b>	10

Display with blister

## Magnetic flexible pick-up tool with light



**INCLUDES:**  
  
**3 x LR44**

- 1 Button for opening the claws
- 2 LED light on / off button
- 3 Central part of the flexible body
- 4 Body made of light aluminum

Code	L mm	€	
<b>121550</b>	600	<b>11,00</b>	6

Display with blister

## Telescopic inspection mirror with light



**INCLUDES:**  
  
**2 x CR2032**

- 1 84x52 mm mirror
- 2 Universal joint for rotation, tilt and fixation
- 3 Ergonomic non-slip handle

Code	L mm	€	
<b>121555</b>	290 / 876	<b>6,60</b>	6

Display with blister

## Magnetic finger with handle



Code	L mm	Ø Imán	Cap Kg	€	
<b>119135</b>	510	10	1	<b>18,94</b>	1
<b>119140</b>	510	20	3	<b>22,50</b>	1

## Nylon wire guide

Ø 4 MM NYLON

NO CONDUCTOR



**To pass any cable type through conductions**

Code	L m	€	
<b>198915</b>	15	<b>18,50</b>	1
<b>198925</b>	25	<b>24,30</b>	1



**Trim removal tool**

CR-V  
STEEL



**Used in trimmings to extract the clamps**

- Chrome plated
- Ergonomic bicomponent handle

Code	Ø mm	L mm	€	
<b>118015</b>	8	190	<b>4,80</b>	6
<b>118020</b>	10	235	<b>6,26</b>	6

Display with blister

**Trim removal tool kit**



Code	No. of items	€	
<b>118030</b>	5	<b>28,61</b>	1

Display with blister

**Nylon lever set**



**Use for removing or unclipping moldings, dashboards and upholstery of vehicles**

Code	No. of items	€	
<b>118035</b>	5	<b>25,00</b>	1

Display with blister

**Bolt extractor set**

CR-V  
STEEL



- For broken-off screws, bolts and studs

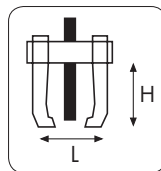
CONTENTS			
Nº	Ø mm	Ø "	for metric
1	1,4/3,6	1/8-1/4	M3 - M6
2	2,1/4,9	1/4-5/16	M6 - M8
3	3,1/6,5	5/16-7/16	M8 - M11
4	4,8/8,8	7/16-9/16	M11 - M14
5	6,2/11	9/16-3/4	M14 - M18

Code	No. of items	€	
<b>122330</b>	5	<b>11,50</b>	1

Display with blister

## 2 leg sliding-leg puller

CR-V  
STEEL



**For safely changing and removing wheels, gears, ball bearings and pulleys**

- One piece drop forged legs for heavy duty jobs
- Spare legs availables

Code	H mm	L máx. mm	L mín mm	€	
<b>122300</b>	100	85	15	<b>59,34</b>	1
<b>122305</b>	100	125	15	<b>65,04</b>	1
<b>122310</b>	150	160	20	<b>108,88</b>	1
<b>122315</b>	150	200	20	<b>175,00</b>	1

## Twin leg reversible puller

CR-V  
STEEL



- Satin finish legs. Black finish screw.
- Self-centering puller
- Spare legs availables

Code	Ø mm	€	
<b>122350</b>	75	<b>21,00</b>	1
<b>122355</b>	150	<b>36,50</b>	1
<b>122360</b>	200	<b>59,90</b>	1

## 2 leg multiple puller set

CR-V  
STEEL



**3 LEG LENGTHS:  
100 / 200 / 250 mm**



**For use as an internal and external extractor**

### CAPACITY Ø MM

Use	mín	máx
Internal	80	180
External	25	130

### CONTENTS

- Forged support 175 mm long
- Center spindle M12 x 150 mm
- 2 forged legs 100 mm long
- 2 forged legs 200 mm long
- 2 forged legs 250 mm long

Code	€	
<b>122365</b>	<b>120,00</b>	1

## Replacement legs

CR-V  
STEEL



Valid for 122365/122390/122395

**New**

- Cr-V Steel leg end

Code	L mm	€	
<b>122210</b>	100	<b>12,00</b>	1
<b>122212</b>	150	<b>16,00</b>	1
<b>122214</b>	200	<b>20,00</b>	1

**Triple leg reversible puller**

CR-V  
STEEL



- Self centering
- Matte satin finish, puller

Code	Ø mm	€	
<b>122375</b>	75	<b>28,38</b>	1
<b>122380</b>	150	<b>50,80</b>	1
<b>122385</b>	200	<b>89,00</b>	1

**3-leg multiple puller set**

CR-V  
STEEL



**3 LEG LENGTHS:  
100 / 200 / 250 mm**



**CAPACITY Ø MM**

Use	min	máx
Internal	80	180
External	25	130

**CONTENTS**

- Forged support 175 mm legs
- Center spindle M12 x 150 mm
- 3 forged 100 mm legs
- 3 forged 200 mm legs
- 3 forged 250 mm legs

**For use as an internal and external extractor**

- End of legs in Cr-V Steel
- Replacement feet available

Code	€	
<b>122390</b>	<b>154,22</b>	1

**2 and 3 leg puller set**

**3 LEG LENGTHS:  
100 / 200 / 250 mm**

**6 PULLERS IN 1**



**CONTENTS**

- Forged support for 2 legs puller
- Forged support for 3 legs puller
- Center spindle M12 x 150 mm
- 3 forged 100 mm legs
- 3 forged 200 mm legs
- 3 forged 250 mm legs

- End of legs in Cr-V Steel
- Replacement feet available

Same features as 122365 and 122390

Code	€	
<b>122395</b>	<b>187,83</b>	1

## Separator and puller set

CR-V  
STEEL



**For the extraction of bearings, gearboxes, pulleys and steering wheels**

### CONTENTS

1 30 x 50 mm guillotine  
1 50 x 75 mm guillotine

• Cr-V Steel Separators

Code	€	
<b>122200</b>	<b>94,25</b>	1

## Separator

CR-V  
STEEL



Code	Ø mín mm	Ø máx mm	€	
<b>122204</b>	75	105	<b>38,86</b>	1
<b>122206</b>	100	150	<b>99,00</b>	1

## Universal ball joint puller

CR-V  
STEEL



Code	A mín / máx	B mín / máx	€	
<b>122220</b>	12 / 50	18 / 22	<b>12,75</b>	1

## Universal ball joint puller

CR-V  
STEEL



Code	A mín / máx	B mm	€	
<b>122225</b>	12 / 50	20	<b>22,10</b>	1

## Universal ball joint puller

CR-V  
STEEL

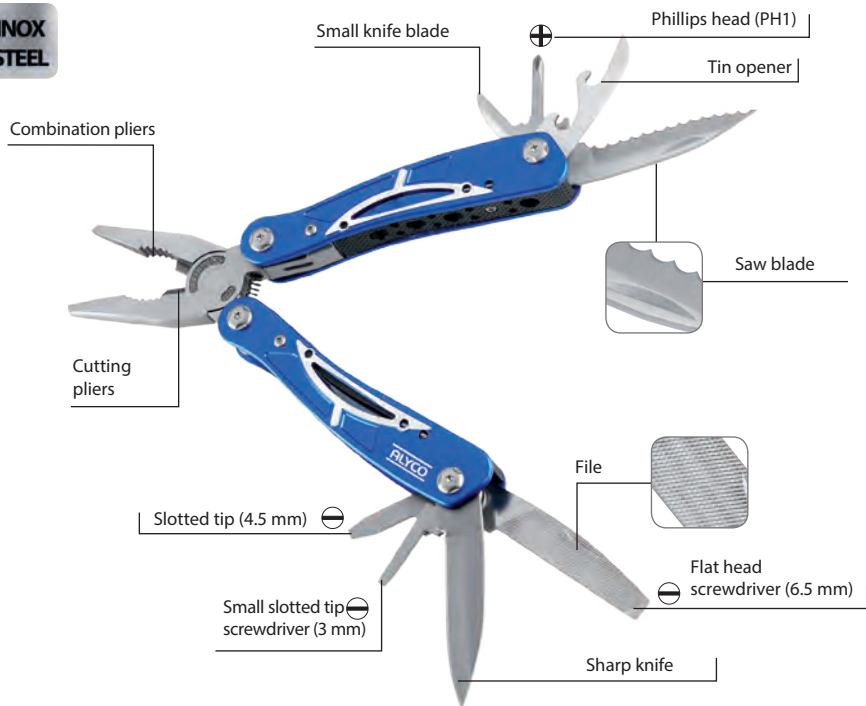


Code	A mín / máx	B mm	€	
<b>122230</b>	60 / 80	20	<b>28,73</b>	1



**Multifunction pliers in nylon pouch**

**INOX  
STEEL**



Closed pliers



Open pliers

- Handgrips made in anodised aluminium.
- Supplied with individual nylon pouch.

Code	L open mm	€	
<b>101260</b>	160	<b>17,00</b>	6

**In countertop displayer**

**Multifunction pliers and knife set in nylon pouch**

**INOX  
STEEL**



**KNIFE FEATURES:**

- Blade manufactured in stainless steel
- Foldable blade
- Anodized aluminium handle
- With metallic clip for hanging
- Straight cutting edge



**CONTENTS**

- 101260 - Multifunction pliers
- Knife with aluminium handle
- Nylon pouch

Code	No of items	€	
<b>101265</b>	3	<b>21,00</b>	6

**In countertop displayer**

**Multifunction mini-plier**

**INOX  
STEEL**



**FUNCTIONS:**

- Combination pliers
- Flat nose pliers
- Flat nose (4 mm)
- File
- Wire cutter pliers
- Saw blade
- Phillips tip (PH1)
- Small knife blade
- Tin opener with slotted tip (3 mm)

Code	L mm open	L mm closed	€	
<b>101267</b>	110	72	<b>10,79</b>	6

**In countertop displayer**

## Heavy duty two-hand riveter

30% LESS EFFORT



INCLUDING 4 NOZZLES

## Heavy duty hand riveter set

INCLUDING 4 NOZZLES,  
RIVETS AND  
WASHERS



Dimensions: 325x155x55 mm

## Two-hand lever riveter

INCLUDING 4 NOZZLES  
3,2-4,0-4,8-6,4 MM



## 2-hand riveter accessories



183113



183112

### NOZZLES CONTENTS

#### 183105 FOR RIVETS

- Ø 2'4 mm - 3/32"
- Ø 3'2 mm - 1/8"
- Ø 4'0 mm - 5/32"
- Ø 4'8 mm - 3/16"



#### 183115 FOR RIVETS

- Ø 3'2 mm - 1/8"
- Ø 4'0 mm - 5/32"
- Ø 4'8 mm - 3/16"
- Ø 6'4 mm - 1/4"



- Body made of Aluminium
- Bimaterial and ergonomic handles
- Include spanner for nozzles changing
- Four different sizes nozzles included
- Plastic container for used rivets

### Usable with stainless rivets

Code	L mm	€	
<b>183105</b>	300	<b>35,77</b>	1
<b>183115</b>	325	<b>49,40</b>	1

### CONTENTS:

- 1 riveter with four nozzles: 2.4 - 3.2 - 4.0 - 4.8 mm
- 80 rivets:
  - 20 of 2.4 mm
  - 20 of 3.2 mm
  - 20 of 4.0 mm
  - 20 of 4.8 mm
- 20 washers:
  - 5 of 2.4 mm
  - 5 of 3.2 mm
  - 5 of 4.0 mm
  - 5 of 4.8 mm

- Made of Aluminum alloy
- Drop forged movable handle
- Ergonomic handle
- Safety latch
- Steel made nozzles

### Usable with stainless rivets

Code	L mm	€	
<b>183100</b>	250	<b>31,89</b>	1

### Display in plastic box

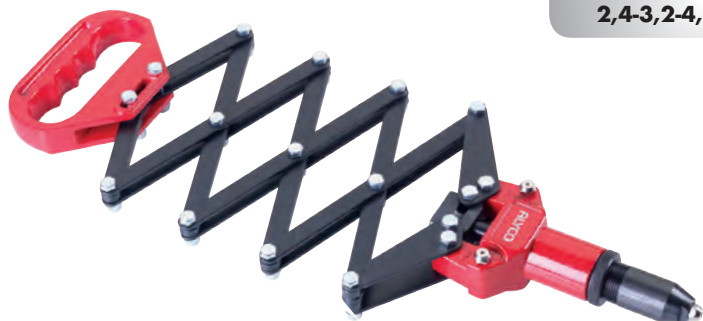
- Made of Aluminum alloy
- Steel made nozzles
- Four different sizes nozzles
- Ergonomic handles made of soft rubber
- Steel tube handle. Very light
- Include spanner for nozzles changing
- Plastic container for used rivets

### Usable with stainless rivets

Code	L mm	€	
<b>183110</b>	450	<b>60,23</b>	1

Code	Type	€	
<b>183113</b>	<b>RIVER BOAT</b>	<b>4,00</b>	1
<b>183112</b>	<b>SET OF MOUTH</b>	<b>8,00</b>	1

**Extendable riveting plier**



**INCLUDING 4 NOZZLES**  
2,4-3,2-4,0-4,8 MM

- Body made in aluminium.
- Runner arm with 4 steel rivets.
- Ergonomic handle made in aluminium.
- Steel made nozzles

**Usable with stainless rivets**

Code	L mm mín. máx.	€	
<b>183130</b>	320 850	<b>74,55</b>	1

**Blind nut riveter set**



Dimensions: 325 x 155 x 55 mm

**CONTENTS**

- 1 blind nut pliers
- 4 nuts for M3, M4, M5, M6
- 40 nuts: 10 - M3 / 10 - M4 / 10 - M5 / 10 - M6

- Body made in aluminium.
- PVC covered ergonomic handgrips.
- Safety latch.

**Usable with stainless rivets**

Code	L mm	€	
<b>183125</b>	250	<b>48,88</b>	1

**2 handed blind nut riveter**



**INCLUDING 4 MOUTHS FOR NOSES M5, M6, M8, M10**

- Body made in aluminium.
- Ergonomic handgrips in soft rubber
- Tubular handles made in steel

**Usable with stainless rivets**

Code	L mm	€	
<b>183120</b>	450	<b>80,58</b>	1

**Spare mouths for rivets**

**FOR 183125**



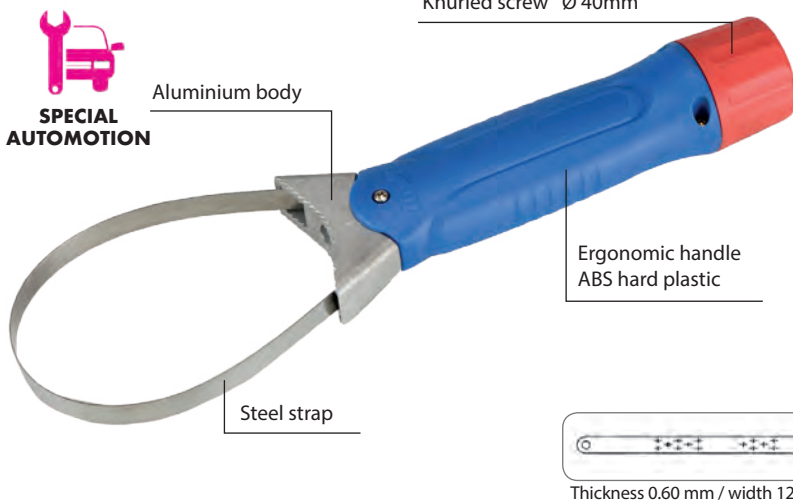
Code	Ø M	L mm	€	
<b>183126</b>	M3	115	<b>7,00</b>	1
<b>183127</b>	M4	115	<b>7,00</b>	1
<b>183128</b>	M5	115	<b>7,00</b>	1
<b>183129</b>	M6	115	<b>7,00</b>	1

**FOR 183120**



Code	Ø M	L mm	€	
<b>183121</b>	M5	70	<b>6,00</b>	1
<b>183122</b>	M6	70	<b>6,00</b>	1
<b>183123</b>	M8	70	<b>6,00</b>	1
<b>183124</b>	M10	70	<b>6,00</b>	1

## Oil filter wrench



SPECIAL AUTOMOTION

### For extraction of oil filters

Code	Ø Filter	L mm	€	
<b>198852</b>	65-110	240	<b>22,50</b>	6
<b>198857</b>	110-155	280	<b>23,00</b>	6

Display with blister

### SPARE STRAP

Code	Ø Filter	€	
<b>198851</b>	65-110	<b>2,90</b>	6
<b>198856</b>	110-155	<b>3,40</b>	6

Valid for 198852, 198857, 198850, 198855

## Oil filter wrench



SPECIAL AUTOMOTION

### For extraction of oil filters

- Knurled screw Ø 40 mm
- Aluminum body
- Rough painted aluminum finish
- Replacement steel strap available

Code	Ø Filter	L mm	€	
<b>198850</b>	65-110	215	<b>11,00</b>	6
<b>198855</b>	110-155	260	<b>13,00</b>	6

Display with blister

## 3-leg oil filter wrench



SPECIAL AUTOMOTION

### For extraction of oil filters

FOR FILTERS 63-120 MM

FOR 3/8" - 1/2"

ROUND LEG Ø 10 MM

• Includes adapter 1/2" F x 3/8" M

Code	Dimensions mm	€	
<b>122255</b>	80x80x100	<b>19,00</b>	1

Display with blister

## 3-leg filter wrench



SPECIAL AUTOMOTION

FOR FILTERS 63-102 MM

FLAT LEG 13 X 4 MM

Code	Dimensions mm	€	
<b>122250</b>	80x80x47	<b>11,00</b>	1



**Electric welder**



Replacement Tips

**Desoldering pump**



**Suitable for electronic works**

• Nickel coated tip for all electronic appliance use

Code	Power W	Ø bit	€	
<b>190580</b>	30	4	<b>12,59</b>	1
<b>190590</b>	60	6	<b>14,53</b>	1
<b>190596</b>	80	8	<b>19,55</b>	1
REPLACEMENT TIPS				
<b>190581</b>	for code 190580		<b>1,90</b>	1
<b>190591</b>	for code 190590		<b>2,10</b>	1
<b>190597</b>	for code 190596		<b>2,50</b>	1

Display with blister

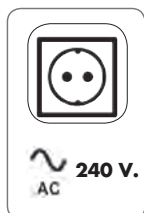
**USE**

Suction of the liquid by pressing the end

Code	Dimensions mm	€	
<b>190595</b>	200x20	<b>7,00</b>	1

Display with blister

**Hot glue gun**



Includes 2 glue bars  
11,2x200mm

**INSTRUCTIONS OF USE**

- Insert a glue bar in to the back of the gun
- Preheat between 3 -5 minutes
- Press the trigger and apply the glue

**USE:**

- Wood - Carton
- Plastic - Ceramics
- Light Metal - Fabric

- Dispensing trigger with flow control
- Anti-drip nozzle

Code	€	
<b>198892</b>	<b>9,30</b>	6

**Glue sticks**

Translucent



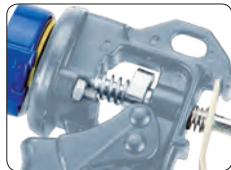
Dimensions: 11,2x200mm  
Weigh: 20 gr.

- Resin Eva material
- Each bag includes 10 glue sticks

Code	No of items	€	
<b>198895</b>	10	<b>5,00</b>	20

## Heavy duty caulking gun

FORCE RATIO  
**18:1**  
ANTI DRIP



Reinforced rod 9 mm thick



FOR  
310 ML  
CARTRIDGES

Suitable for high viscosity  
resins and glues

- Caulking gun of cilndric rod
- Reinforced trigger housing
- Trigger made of high quality Aluminium

Code	L mm	D mm	€	
<b>198807</b>	225	50	<b>15,00</b>	6

## Reinforced caulking gun

FORCE RATIO  
**12:1**  
ANTI DRIP



FOR  
310 ML  
CARTRIDGES

Suitable for half  
density glues

- Caulking gun of cilndric rod
- Reinforced trigger housing
- Trigger made of high quality Aluminium

Code	L mm	D mm	€	
<b>198805</b>	250	50	<b>6,60</b>	12

## High-power mortar applicator

FORCE RATIO  
**24:1**  
ANTI DRIP

FOR 310, 400 AND 600 ML  
CARTRIDGES



Reinforced rod 9 mm thic



Aluminum frames

Perforated rod  
Ø 7.8 mm

3.5 mm metal  
inner plate

Reinforced  
aluminum handle

Suitable for high  
density mortar

Code	L mm	D mm	€	
<b>198818</b>	380	50	<b>18,50</b>	2

Spare nozzles on next page

## Standard caulking gun

FORCE RATIO  
**12:1**



198815

FOR 310, 400 AND 600 ML  
CARTRIDGES

Suitable for half  
density



198810

FOR  
310 ML  
CARTRIDGES



- Cilinder in Aluminium
- Includes nozzles

Code	L mm	D mm	€	
<b>198810</b>	250	50	<b>9,50</b>	2
<b>198815</b>	380	50	<b>12,00</b>	2
SPARE NOZZLES				
<b>198816</b>	for 198810/815/818		<b>1,00</b>	12



198816  
Spare nozzles

**Polyurethane foam caulking gun**

**STAINLESS  
STEEL NOZZLE**



**For application of  
polyurethane foam**

- Zinc body
- Ergonomically shaped hard plastic handle
- Supplied with 2 tip guards

Code	L mm	€	
<b>198820</b>	350	<b>19,00</b>	2

**Teflon coated polyurethane foam caulking**

**STAINLESS  
STEEL NOZZLE**



**For application of  
polyurethane foam**

- Reinforced aluminum body
- Teflon coated
- Ergonomic foam adjustment screw
- Supplied with 2 tip guards

Code	L mm	€	
<b>198821</b>	350	<b>25,00</b>	2

**Paint mixing paddle**

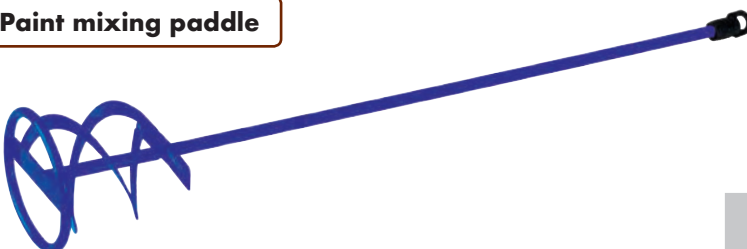


**To mix paints,  
varnishes, etc.**

- Hexagonal rod and strip made in steel
- Painted finish
- Supplied with rubber hanger

Code	Ø head mm	L mm	Handle conexion	€	
<b>198826</b>	60	400	8	<b>2,28</b>	6
<b>198828</b>	80	400	8	<b>2,46</b>	6
<b>198830</b>	100	600	10	<b>3,90</b>	6
<b>198832</b>	120	600	14	<b>5,65</b>	6

**Paint mixing paddle**



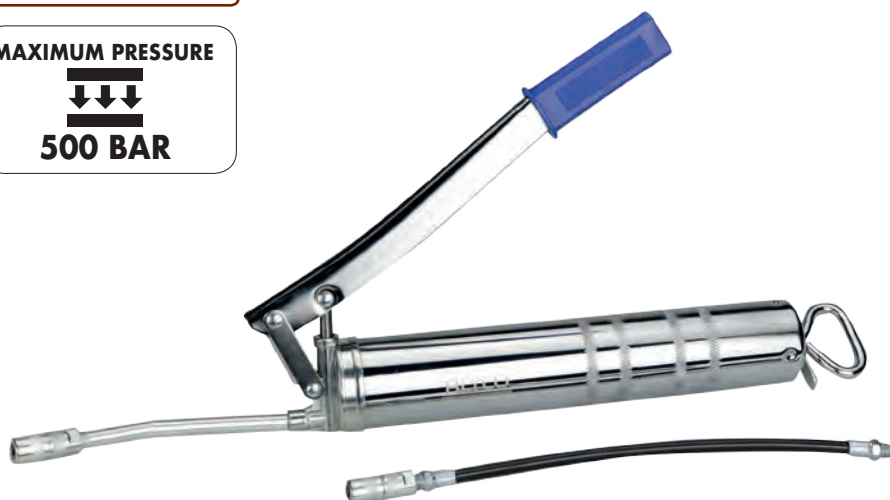
**To mix mortars and  
highly viscous materials**

- Hexagonal rod and strip made in steel
- Painted finish
- Supplied with rubber hanger

Code	Ø head mm	L mm	Handle conexion	€	
<b>198835</b>	100	600	M14	<b>11,00</b>	6

## Lever grease gun

MAXIMUM PRESSURE  
  
**500 BAR**



CAPACITY	
CARTRIDGE	BULK
<b>400 cc</b>	<b>500 cc</b>


- Chromed body
- Lever with ergonomic grip
- With screw for air bleeding

### CONTENTS

- 1 Rigid 150 mm / 6" hose
- 1 Flexible 300 mm / 12" hose 198861
- 2 hydraulic nozzles 198863

Code	L mm	€	
<b>198860</b>	400	<b>17,80</b>	1

### ACCESSORIES

Code	L mm	€	
<b>198861</b>	300	<b>3,50</b>	1
<b>198863</b>	38	<b>1,60</b>	1



## Oil syringe




**For transferring any non-corrosive liquid**

### USE:

- For transmissions, differentials, gearboxes,...

- Includes flexible tube 300 mm long

Code	L mm	€	
<b>198865</b>	400	<b>12,44</b>	1

Display in individual case

## Manual transfer pump

**FOR DRUMS  
60-200 L**

**DELIVERY 14 L/MIN**




### EXTENDABLE


**457 mm**  

**890 mm**

**For transferring all types of non-corrosive liquids**

- Connection to drum M2 "G"
- Made of Steel and Aluminum

Code	L mm	€	
<b>198885</b>	457/890	<b>32,74</b>	1



**Jerrycan**



198875



198876



198870

- Approved UN Standard, for the transportation of hydrocarbons
- Made of 0.8 mm steel sheet
- Special anti-leak lock
- Supplied with flexible nozzle

Code	L	Dimensions mm	€	
<b>198870</b>	10	300x130x405	<b>28,66</b>	1
<b>198875</b>	20	360x170x470	<b>33,66</b>	1
ACCESSORIES				
<b>198876</b>	Flexible nozzle		<b>7,34</b>	1

**Oil can**



198880

198882

- Supplied with 2 spouts: 120 mm flexible spout and 120 mm rigid spout
- Made of 0.8 mm steel sheet

Code	Capacity cc	Ø mm	€	
<b>198880</b>	300	70	<b>4,90</b>	1
<b>198882</b>	500	80	<b>5,60</b>	1

**Revolving punch pliers**

**6 Ø OF MOUTH:**  
2, 2'5, 3, 3'5, 4, 4'5 MM

**Use for perforating leather, textil and plastic**



- Painted body to avoid oxidation
- Ergonomic handles with plastic protector
- Revolving head with 6 diametres of punches
- Articulation punching to less the effort
- Spring to open and pull to close

Code	L mm	€	
<b>111445</b>	250	<b>15,30</b>	1

Display with blister

**Plastic tie tightener**



**INSTRUCTIONS FOR USE**



- Adjustable tightening pressure
- For ties between 2.2 y 4.8 mm

Code	Measure mm	€	
<b>108395</b>	160x130	<b>30,70</b>	1



## 15 Non-sparking tools



**Copper hammer** 285



**Brass hammer** 285



**Pliers Al-Br** 286



**Double open end spanner Al-Br** 287




**Slogging wrench Al-Br** 288



**Hammer Al-Br** 289



**Cradle Al-Br** 289



**Socket set Al-Br** 290



**Scraper Al-Br** 291



**Pliers Cu-Be** 292



**Combination spanner Cu-Be** 293



**Slogging wrench Cu-Be** 294




**Hammer Cu-Be** 295



**Cold cut Cu-Be** 295



**Wrecking bar Cu-Be** 297



**Shovel Cu-Be** 297

**CHECK AVAILABILITY OF ANY OTHER NON-SPARKING TOOL**

**NON-SPARKING TOOLS**



Our range of non-sparking tools has been designed for use in environments potentially explosive, in which the use of steel tools are not recommended for its tendency to generate sparks that can cause fires or even explosions. Tools made of non-ferrous materials reduce the risk of sparks flammable, in addition to having a series of special safety features Antimagnetic and corrosion resistance.

**ATEX AREAS**



**EX zones.** Directive 1999/92 / EC defines areas and people's safety working in areas with danger of explosion. The presence of gases, liquids or dust, especially in petrochemical industries, Mines or similar industries produce those potentially explosive environments.

GAS STEAMS	Zone 0	Atmosphere with mixed air and flammable substances frequently		<b>Cu-Be</b>
	Zone 1	Atmosphere with occasional mixture of air and flammable substances	<b>Al-Br</b>	<b>Cu-Be</b>
	Zone 2	Atmosphere with mixture of air and flammable substances possible, but in short periods	<b>Al-Br</b>	<b>Cu-Be</b>
POWDER	Zone 20	Atmosphere with cloud of combustibile dust frequently, continuously or for long periods		<b>Cu-Be</b>
	Zone 21	Atmosphere with cloud of combustibile dust occasionally	<b>Al-Br</b>	<b>Cu-Be</b>
	Zone 22	Atmosphere with a cloud of combustibile dust, but in short periods	<b>Al-Br</b>	<b>Cu-Be</b>

**WARRANTY**



Our non-sparking tools are manufactured following the international safety standards in processes certified by the BAM and FM institutes. Our non-sparking tools follow the international standards of dimensions, cutting capacity and hardness.

**INSTRUCTIONS FOR USE**



Lacking the hardness of conventional tools, they must be used with special care, especially in use and exposure temperature. They will only be substituted if they do not exceed the minimum hardness (Al-Br 30Hrc, Cu-Be 40Hrc). Do not use tools with more than 65% copper content in contact with acetylene, due to its explosive capacity.

**Copper octagonal pot**

**Cu**



- Hardness lower than Al-Br and Cu-Be
- Important wear during use

Code	Weight gr	Material	€
<b>129120</b>	900	Cobre	<b>94,00</b>
<b>129121</b>	1350	Cobre	<b>130,00</b>
<b>129122</b>	1800	Cobre	<b>170,00</b>
<b>129123</b>	4500	Cobre	<b>390,00</b>
<b>129124</b>	7200	Cobre	<b>565,00</b>
<b>129125</b>	9000	Cobre	<b>681,00</b>

**Brass octagonal pot**

**Lt**



Code	Weight gr	Material	€
<b>129020</b>	900	Latón	<b>79,00</b>
<b>129021</b>	1350	Latón	<b>105,00</b>
<b>129022</b>	1800	Latón	<b>140,00</b>
<b>129023</b>	4500	Latón	<b>349,00</b>
<b>129024</b>	7200	Latón	<b>430,00</b>
<b>129025</b>	9000	Latón	<b>598,00</b>

## ALUMINIUM COPPER

- Hardness approx. 25-30 HRC (221-291 Brinell)
- Elastic limit 450-500 N / mm<sup>2</sup>
- Tensile strength 800 N / mm<sup>2</sup>
- 10-12% aluminum content
- Nickel content 4-6%

### Combination pliers

Al-Br



Code	L mm	L "	€
<b>127010</b>	160	6	<b>104,00</b>
<b>127012</b>	200	8	<b>121,00</b>

### Long nose pliers

Al-Br



Code	L mm	L "	€
<b>127015</b>	160	6	<b>100,00</b>
<b>127016</b>	200	8	<b>112,00</b>

### Cutting pliers

Al-Br



Code	L mm	L "	€
<b>127018</b>	160	6	<b>101,00</b>
<b>127019</b>	200	8	<b>108,00</b>

### Water pump pliers

Al-Br



Code	L mm	L "	€
<b>127030</b>	250	10	<b>169,00</b>
<b>127031</b>	300	12	<b>199,00</b>

### Slotted tip screwdriver

Al-Br



Code	Ø mm	→ mm	€
<b>127310</b>	3,0	75	<b>18,00</b>
<b>127311</b>	5,0	100	<b>23,00</b>
<b>127312</b>	6,0	150	<b>29,00</b>
<b>127313</b>	8,0	200	<b>44,00</b>

### Phillips tip screwdriver

Al-Br



Code	⊕	→ mm	€
<b>127316</b>	PH1	100	<b>21,00</b>
<b>127317</b>	PH2	150	<b>25,00</b>
<b>127318</b>	PH3	200	<b>37,00</b>



**Double open end spanner**

Al-Br



Code	mm	€
127100	6x7	18,00
127101	8x9	19,00
127102	10x11	22,00
127103	12x13	29,00
127104	14x15	38,00
127105	16x18	45,00
127106	17x19	47,00
127107	20x22	66,00
127108	21x23	71,00
127109	24x27	108,00
127110	25x28	117,00
127111	27x29	125,00
127112	30x32	139,00
127113	34x36	153,00
127114	41x46	207,00

**Offset ring spanner**

Al-Br



Code	mm	€
127180	6x7	18,50
127181	8x9	20,00
127182	10x11	22,00
127183	12x13	27,00
127184	14x15	33,00
127185	16x18	43,00
127186	17x19	47,00
127187	20x22	57,00
127188	21x23	62,00
127189	25x28	96,00
127190	27x29	121,00
127191	30x32	134,00

**Combination spanner**

Al-Br



Code	mm	€
127130	8	28,00
127131	9	30,50
127132	10	34,50
127133	11	39,50
127134	12	40,50
127135	13	42,00
127136	14	44,00
127137	15	47,00
127138	16	49,50
127139	17	50,50
127140	18	53,00
127141	19	54,00
127142	20	59,00

Code	mm	€
127143	21	66,00
127144	22	70,50
127145	23	77,00
127146	24	83,00
127147	25	95,00
127148	26	107,50
127149	27	118,00
127150	28	127,00
127151	29	135,00
127152	30	141,00
127153	31	149,00
127154	32	153,00

**CHECK AVAILABILITY OF ANY OTHER TOOL NON-SPARKING**

## Open end slogging wrench

Al-Br



Code	mm	€
127200	17	43,00
127201	19	46,00
127202	22	49,00
127203	24	54,00
127204	27	66,00
127205	30	79,00
127206	32	94,00
127207	36	109,00
127208	41	133,00
127209	46	169,00
127210	50	186,00
127211	55	201,00
127212	60	266,00
127213	65	339,00
127214	70	398,00
127215	75	464,00
127216	80	573,00

## Ring slogging wrench

Al-Br



Code	mm	€
127230	17	48,00
127231	19	53,00
127232	22	55,00
127233	24	63,00
127234	27	76,00
127235	30	88,00
127236	32	96,00
127237	36	109,00
127238	41	143,00
127239	46	158,00
127240	50	189,00
127241	52	234,00
127242	55	239,00
127243	60	249,00
127244	65	289,00
127245	70	333,00
127246	75	381,00
127247	80	415,00
127248	90	591,00
127249	100	828,00

## Adjustable wrench

Al-Br



Code	L mm	Ø "	€
127160	200	24	103,00
127161	250	30	136,00
127162	300	36	168,00
127163	375	46	249,00

## Stillson pipe wrench

Al-Br



Code	L mm	Ø "	€
127170	250	30	175,00
127171	350	50	280,00
127172	450	60	395,00
127173	600	75	581,00

## Scaffold ratchet wrench

Al-Br



Code	mm	€
127199	19x22	494,00

**Octogonal hammer**

Al-Br



Code	Weight gr	€
<b>127412</b>	1000	<b>119,00</b>
<b>127413</b>	1500	<b>173,00</b>
<b>127414</b>	2000	<b>199,00</b>
<b>127415</b>	2500	<b>247,00</b>
<b>127416</b>	3000	<b>293,00</b>
<b>127417</b>	4500	<b>443,00</b>
<b>127418</b>	5000	<b>499,00</b>
<b>127419</b>	8000	<b>897,00</b>
<b>127420</b>	9900	<b>1.044,00</b>

**Adjuster hammer**

Al-Br



Code	Weight gr	€
<b>127400</b>	500	<b>77,00</b>
<b>127401</b>	1000	<b>139,00</b>
<b>127402</b>	1500	<b>198,00</b>
<b>127403</b>	2000	<b>249,00</b>

**Nylon head hammer**

Al-Br



Code	Weight gr	€
<b>127425</b>	800	<b>120,00</b>

**Ball pein hammer**

Al-Br



Code	Weight gr	€
<b>127406</b>	450	<b>58,00</b>
<b>127407</b>	680	<b>88,00</b>
<b>127408</b>	910	<b>104,00</b>
<b>127409</b>	1130	<b>129,00</b>

**Cradle**

Al-Br



Code	LxA mm	H mm	€
<b>127284</b>	100x50	10-0	<b>26,00</b>
<b>127285</b>	135x50	18-0	<b>64,00</b>
<b>127286</b>	150x40	8-0	<b>27,00</b>
<b>127287</b>	150x25	8-0	<b>18,00</b>
<b>127288</b>	150x25	13-0	<b>30,00</b>
<b>127289</b>	150x50	13-0	<b>56,00</b>
<b>127290</b>	180x13	6-0	<b>26,00</b>
<b>127291</b>	180x32	13-0	<b>42,00</b>
<b>127292</b>	180x50	19-0	<b>97,00</b>
<b>127293</b>	200x20	30-0	<b>69,00</b>
<b>127294</b>	200x30	30-0	<b>104,00</b>
<b>127295</b>	200x40	40-0	<b>179,00</b>
<b>127296</b>	200x50	12-0	<b>69,00</b>
<b>127297</b>	230x40	20-0	<b>105,00</b>
<b>127298</b>	250x40	30-0	<b>169,00</b>
<b>127299</b>	300x50	40-0	<b>297,50</b>

**Flat chisel**

Al-Br



Code	AxL mm	€
<b>127325</b>	22x150	<b>53,00</b>
<b>127326</b>	22x200	<b>59,00</b>
<b>127327</b>	24x250	<b>94,00</b>

## 1/2" sq.dr.socket set

Al-Br



### CONTENTS

18	Sockets 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm	2	Extension bar 125, 250 mm
1	Rattle 250 mm	1	Brace 390 mm
1	Universal joint 75 mm	1	Sliding T bar 250 mm

1/2

Code	No. of items	€
<b>127500</b>	24	<b>2.338,00</b>

## 3/4" sq.dr.socket set

Al-Br



### CONTENTS

11	Sockets 21, 24, 27, 30, 32, 34, 36, 38, 41, 46, 50 mm	1	Extension bar 200 mm
1	Rattle 320 mm	1	Sliding T bar 400 mm

3/4

Code	No. of items	€
<b>127501</b>	14	<b>3.048,00</b>

## Ratchet

Al-Br



Code		€
<b>127502</b>	1/2"	<b>179,00</b>
<b>127503</b>	3/4"	<b>351,00</b>

CHECK AVAILABILITY OF ANY OTHER TOOL NON-SPARKING



**Hex key**

Al-Br



Code	mm	€
<b>127270</b>	2	<b>26,00</b>
<b>127271</b>	3	<b>27,00</b>
<b>127272</b>	4	<b>28,00</b>
<b>127273</b>	5	<b>29,50</b>
<b>127274</b>	6	<b>30,50</b>
<b>127275</b>	7	<b>34,00</b>
<b>127276</b>	8	<b>36,00</b>
<b>127277</b>	9	<b>39,00</b>
<b>127278</b>	10	<b>40,00</b>
<b>127279</b>	12	<b>48,00</b>
<b>127280</b>	14	<b>63,00</b>
<b>127281</b>	17	<b>78,50</b>
<b>127282</b>	19	<b>86,00</b>

**Scraper**

Al-Br



Code	AxL mm	€
<b>127350</b>	25x200	<b>44,00</b>
<b>127351</b>	30x200	<b>47,00</b>
<b>127352</b>	40x200	<b>48,00</b>
<b>127353</b>	50x200	<b>63,00</b>
<b>127354</b>	60x200	<b>73,00</b>

**Flexible scraper**

Al-Br



Code	AxL mm	€
<b>127355</b>	75x200	<b>75,00</b>
<b>127356</b>	80x200	<b>83,00</b>
<b>127357</b>	100x200	<b>88,00</b>

**Long blade scraper**

Al-Br



Code	L mm	€
<b>127361</b>	75	<b>120,00</b>
<b>127362</b>	100	<b>144,00</b>
<b>127363</b>	150	<b>229,00</b>

**Scraper**

Al-Br



Code	L mm	€
<b>127360</b>	270	<b>89,00</b>

**Round shovel**

Al-Br



Code	L mm	€
<b>127600</b>	20x240x990	<b>236,00</b>

**COPPER  
BERYLLIUM**

- Hardness approx. 35-40 HRC (283-365 Brinell)
- Elastic limit 840-880 N / mm<sup>2</sup>
- Tensile strength 1250 N / mm<sup>2</sup>
- Beryllium content 1.8-2%
- Ni + Co content 0.2-1.2%

**Combination pliers**

Cu-Be



Code	L mm	L "	€
<b>128010</b>	160	6	<b>166,00</b>
<b>128012</b>	200	8	<b>199,00</b>

**Long nose pliers**

Cu-Be



Code	L mm	L "	€
<b>128015</b>	160	6	<b>159,00</b>
<b>128016</b>	200	8	<b>179,00</b>

**Cutting pliers**

Cu-Be



Code	L mm	L "	€
<b>128018</b>	160	6	<b>163,00</b>
<b>128019</b>	200	8	<b>177,00</b>

**Water pump pliers**

Cu-Be



Code	L mm	L "	€
<b>128030</b>	250	10	<b>231,00</b>
<b>128031</b>	300	12	<b>298,00</b>

**Sloted tip screwdriver**

Cu-Be



Code	Ø mm	↔ mm	€
<b>128310</b>	3,0	75	<b>28,00</b>
<b>128311</b>	5,0	100	<b>37,00</b>
<b>128312</b>	6,0	150	<b>45,00</b>
<b>128313</b>	8,0	200	<b>65,00</b>

**Phillips tip screwdriver**

Cu-Be



Code	⊕ mm	↔ mm	€
<b>128316</b>	PH1	100	<b>33,00</b>
<b>128317</b>	PH2	150	<b>42,00</b>
<b>128318</b>	PH3	200	<b>69,00</b>

**Double open end spanner**

Cu-Be



Code	mm	€
<b>128100</b>	6x7	<b>27,00</b>
<b>128101</b>	8x9	<b>28,00</b>
<b>128102</b>	10x11	<b>34,50</b>
<b>128103</b>	12x13	<b>44,00</b>
<b>128104</b>	14x15	<b>55,00</b>
<b>128105</b>	16x18	<b>65,00</b>
<b>128106</b>	17x19	<b>69,00</b>
<b>128107</b>	20x22	<b>101,00</b>
<b>128108</b>	21x23	<b>107,00</b>
<b>128109</b>	24x27	<b>161,00</b>
<b>128110</b>	25x28	<b>172,00</b>
<b>128111</b>	27x29	<b>188,00</b>
<b>128112</b>	30x32	<b>219,00</b>
<b>128113</b>	34x36	<b>230,00</b>
<b>128114</b>	41x46	<b>379,00</b>

**Offset ring spanner**

Cu-Be



Code	mm	€
<b>128180</b>	6x7	<b>39,00</b>
<b>128181</b>	8x9	<b>43,00</b>
<b>128182</b>	10x11	<b>53,00</b>
<b>128183</b>	12x13	<b>63,00</b>
<b>128184</b>	14x15	<b>74,00</b>
<b>128185</b>	16x18	<b>83,00</b>
<b>128186</b>	17x19	<b>91,00</b>
<b>128187</b>	20x22	<b>115,00</b>
<b>128188</b>	21x23	<b>122,00</b>
<b>128189</b>	25x28	<b>169,00</b>
<b>128190</b>	27x29	<b>199,00</b>
<b>128191</b>	30x32	<b>229,00</b>

**Combination spanner**

Cu-Be



Code	mm	€
<b>128130</b>	8	<b>49,00</b>
<b>128131</b>	9	<b>55,00</b>
<b>128132</b>	10	<b>61,00</b>
<b>128133</b>	11	<b>64,00</b>
<b>128134</b>	12	<b>71,00</b>
<b>128135</b>	13	<b>76,00</b>
<b>128136</b>	14	<b>79,00</b>
<b>128137</b>	15	<b>80,00</b>
<b>128138</b>	16	<b>87,00</b>
<b>128139</b>	17	<b>96,00</b>
<b>128140</b>	18	<b>99,00</b>
<b>128141</b>	19	<b>101,00</b>
<b>128142</b>	20	<b>109,00</b>

Code	mm	€
<b>128143</b>	21	<b>121,00</b>
<b>128144</b>	22	<b>128,00</b>
<b>128145</b>	23	<b>134,00</b>
<b>128146</b>	24	<b>146,00</b>
<b>128147</b>	25	<b>161,00</b>
<b>128148</b>	26	<b>171,00</b>
<b>128149</b>	27	<b>179,00</b>
<b>128150</b>	28	<b>189,00</b>
<b>128151</b>	29	<b>190,00</b>
<b>128152</b>	30	<b>216,00</b>
<b>128153</b>	31	<b>229,00</b>
<b>128154</b>	32	<b>249,00</b>

**CHECK AVAILABILITY OF ANY OTHER TOOL NON-SPARKING**

## Open end slogging wrench

Cu-Be



Code	mm	€
128200	17	79,00
128201	19	84,00
128202	22	88,00
128203	24	99,00
128204	27	119,00
128205	30	139,00
128206	32	158,00
128207	36	196,00
128208	41	238,00
128209	46	283,00
128210	50	313,00
128211	55	385,00
128212	60	449,00
128213	65	569,00
128214	70	643,00
128215	75	723,00
128216	80	901,00

## Ring slogging wrench

Cu-Be



Code	mm	€
128230	17	79,00
128231	19	86,00
128232	22	91,00
128233	24	103,00
128234	27	119,00
128235	30	138,00
128236	32	154,00
128237	36	184,00
128238	41	271,00
128239	46	296,00
128240	50	349,00
128241	52	435,00
128242	55	439,00
128243	60	465,00
128244	65	480,00
128245	70	569,00
128246	75	618,00
128247	80	676,00
128248	90	996,00
128249	100	1284,00

## Adjustable wrench

Cu-Be



Code	L mm	Ø "	€
128160	200	24	153,00
128161	250	30	189,00
128162	300	36	226,00
128163	375	46	339,00

## Stillson pipe wrench

Cu-Be



Code	L mm	Ø "	€
128170	250	30	239,00
128171	350	50	388,00
128172	450	60	589,00
128173	600	75	835,00

## Scaffold ratchet wrench

Cu-Be



Code	mm	€
128199	19x22	690,00



**Octogonal hammer**

Cu-Be



Code	Weight gr	€
<b>128412</b>	1000	<b>225,00</b>
<b>128413</b>	1500	<b>289,00</b>
<b>128414</b>	2000	<b>347,00</b>
<b>128415</b>	2500	<b>434,00</b>
<b>128416</b>	3000	<b>534,00</b>
<b>128417</b>	4500	<b>696,00</b>
<b>128418</b>	5000	<b>891,00</b>
<b>128419</b>	8000	<b>1490,00</b>
<b>128420</b>	9900	<b>1890,00</b>

**Adjuster hammer**

Cu-Be



Code	Weight gr	€
<b>128400</b>	500	<b>101,00</b>
<b>128401</b>	1000	<b>186,00</b>
<b>128402</b>	1500	<b>296,00</b>
<b>128403</b>	2000	<b>389,00</b>

**Nylon head hammer**

Cu-Be



Code	Weight gr	€
<b>128425</b>	800	<b>176,00</b>

**Ball pein hammer**

Cu-Be



Code	Weight gr	€
<b>128406</b>	450	<b>131,00</b>
<b>128407</b>	680	<b>155,00</b>
<b>128408</b>	910	<b>189,00</b>
<b>128409</b>	1130	<b>226,00</b>

**Cradle**

Cu-Be



Code	LxA mm	H mm	€
<b>128284</b>	100x50	10-0	<b>54,00</b>
<b>128285</b>	135x50	18-0	<b>129,00</b>
<b>128286</b>	150x40	8-0	<b>43,00</b>
<b>128287</b>	150x25	8-0	<b>36,00</b>
<b>128288</b>	150x25	13-0	<b>54,00</b>
<b>128289</b>	150x50	13-0	<b>97,00</b>
<b>128290</b>	180x13	6-0	<b>53,00</b>
<b>128291</b>	180x32	13-0	<b>67,00</b>
<b>128292</b>	180x50	19-0	<b>149,00</b>
<b>128293</b>	200x20	30-0	<b>123,00</b>
<b>128294</b>	200x30	30-0	<b>176,00</b>
<b>128295</b>	200x40	40-0	<b>234,00</b>
<b>128296</b>	200x50	12-0	<b>115,00</b>
<b>128297</b>	230x40	20-0	<b>171,00</b>
<b>128298</b>	250x40	30-0	<b>256,00</b>
<b>128299</b>	300x50	40-0	<b>459,00</b>

**Flat chisel**

Cu-Be









Code	AxL mm	€
<b>128325</b>	22x150	<b>74,00</b>
<b>128326</b>	22x200	<b>95,00</b>
<b>128327</b>	24x250	<b>139,00</b>

## 1/2" sq.dr.socket set

Cu-Be



### CONTENTS

-  18 Vasos 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
-  2 Extension bar 125, 250 mm
-  1 Sockets 250 mm
-  1 Brace 390 mm
-  1 Universal joint 75 mm
-  1 Sliding T bar 250 mm

1/2





Code	No. of items	€
<b>128500</b>	24	<b>3.499,00</b>

## 3/4" sq.dr.socket set

Cu-Be



### CONTENTS

-  11 Sockets 21, 24, 27, 30, 32, 34, 36, 38, 41, 46, 50 mm
-  1 Extension bar 200 mm
-  1 Rattle 320 mm
-  1 Sliding T bar 400 mm

3/4

Code	No. of items	€
<b>128501</b>	14	<b>3.875,00</b>

## Ratchet

Cu-Be



Code		€
<b>128502</b>	1/2"	<b>269,00</b>
<b>128503</b>	3/4"	<b>485,00</b>

**CHECK AVAILABILITY OF ANY OTHER TOOL NON-SPARKING**

**Hex key**

Cu-Be



Code	mm	€
<b>128270</b>	2	<b>49,00</b>
<b>128271</b>	3	<b>53,00</b>
<b>128272</b>	4	<b>55,00</b>
<b>128273</b>	5	<b>57,50</b>
<b>128274</b>	6	<b>60,50</b>
<b>128275</b>	7	<b>64,00</b>
<b>128276</b>	8	<b>69,00</b>
<b>128277</b>	9	<b>76,00</b>
<b>128278</b>	10	<b>98,00</b>
<b>128279</b>	12	<b>114,00</b>
<b>128280</b>	14	<b>129,00</b>
<b>128281</b>	17	<b>149,00</b>
<b>128282</b>	19	<b>171,00</b>

**Scraper**

Cu-Be



Code	AxL mm	€
<b>128350</b>	25x200	<b>82,00</b>
<b>128351</b>	30x200	<b>86,00</b>
<b>128352</b>	40x200	<b>94,00</b>
<b>128353</b>	50x200	<b>99,00</b>
<b>128354</b>	60x200	<b>108,00</b>

**Flexible scraper**

Cu-Be



Code	AxL mm	€
<b>128355</b>	75x200	<b>145,00</b>
<b>128356</b>	80x200	<b>165,00</b>
<b>128357</b>	100x200	<b>175,00</b>

**Long blade scraper**

Cu-Be



Code	L mm	€
<b>128361</b>	75	<b>144,00</b>
<b>128362</b>	100	<b>169,00</b>
<b>128363</b>	150	<b>276,00</b>

**Scraper**

Cu-Be



Code	L mm	€
<b>128360</b>	270	<b>118,00</b>

**Round shovel**

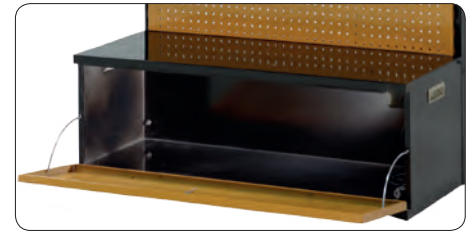
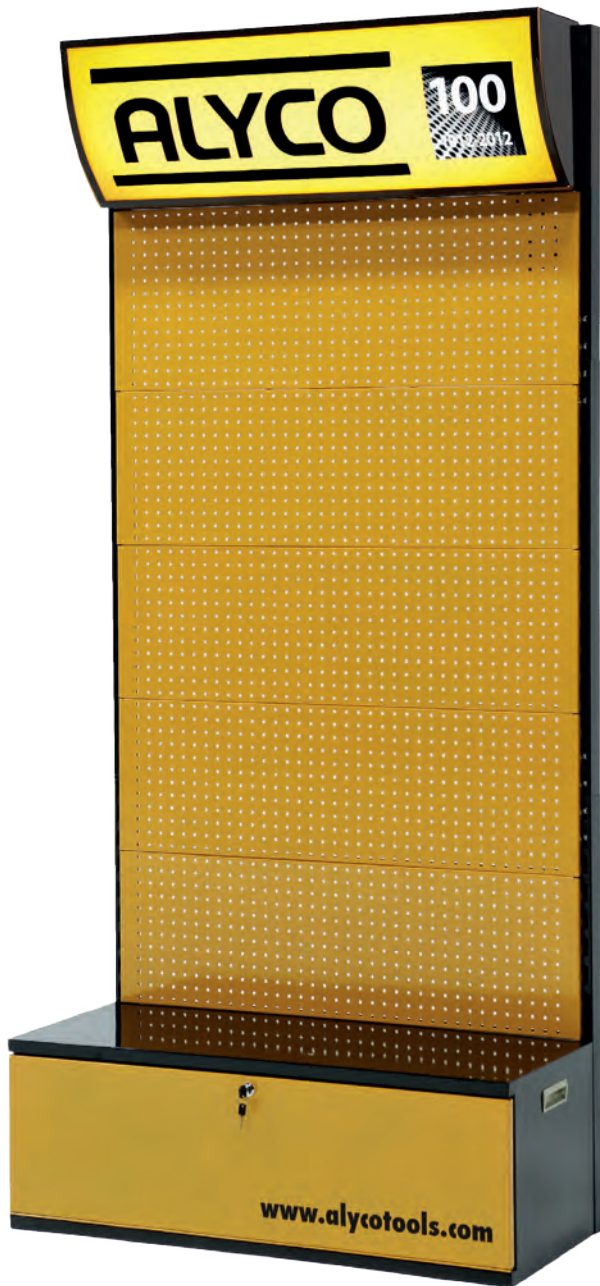
Cu-Be



Code	L mm	€
<b>128600</b>	20x240x990	<b>359,00</b>

# Displayers

## Wall displayer



Bottom drawer with lock

- With fluorescent bulb at header
- lower loading drawer

### WALL DISPLAYER

Code	Dimensions mm	€
<b>113503</b>	1000x450x2280	<b>370,72</b>

Includes 60 single hooks code 113504

## Hooks



### SINGLE HOOK

Code	Dimensions mm	€
<b>113504</b>	200x5	<b>1,72</b>



### HOOK FOR PLIERS

Code	Dimensions mm	€
<b>113536</b>	200x6	<b>7,42</b>

- Body made of 1 mm sheet metal
- 250 mm deep support foot
- Valid for all hooks

Code	Dimensions mm	€
<b>113534</b>	350x750	<b>112,69</b>

## Multitool displayer





# CODE-PAGE INDEX

Code	Pág.
101200	56
101201	56
101202	56
101203	56
101206	55
101208	55
101209	55
101210	15
101210	57
101217	57
101218	62
101220	15
101222	62
101250	15
101260	275
101265	275
101267	275
101270	77
101272	77
101274	78
101276	78
101300	56
101301	56
101302	56
101303	55
101304	55
101310	56
101312	55
101400	17
101402	17
101410	17
101450	18
101460	18
101801	60
101802	60
101803	60
101804	59
101805	59
101810	60
101811	60
101812	59
101813	59
101815	60
101821	60
101822	60
101823	59
101824	59
101825	60
101826	60
101830	61
101835	61
101840	61
101845	61
101848	61
101860	61
101862	59
102201	56
104101	56
106202	62
106203	62
106204	62
106206	62
106207	62
106208	62
106209	62
106210	62
106211	62
106212	62
106213	62
106214	62
106220	62
106225	62
106230	62
106235	62
107101	56
108002	73

Code	Pág.
108003	73
108006	73
108015	75
108020	75
108030	78
108032	77
108034	77
108035	76
108040	75
108046	69
108048	69
108052	69
108055	69
108057	69
108075	71
108080	70
108081	70
108085	70
108086	70
108090	78
108095	78
108100	79
108105	79
108110	79
108120	79
108125	76
108210	75
108215	75
108220	74
108225	74
108230	76
108235	74
108250	234
108255	234
108260	234
108265	234
108300	79
108302	79
108315	75
108330	76
108335	76
108340	76
108350	76
108352	72
108355	72
108356	72
108360	72
108361	72
108364	72
108366	72
108367	72
108368	72
108369	72
108370	70
108375	71
108377	71
108380	73
108390	70
108392	70
108395	283
108400	208
108405	208
108410	208
108415	207
108420	207
108425	207
108490	208
108492	208
108505	210
108510	210
108520	209
108525	209
108530	209
108550	211
108555	211
108560	211

Code	Pág.
109007	63
109009	63
109015	63
109101	63
109102	63
109103	63
109104	63
109105	63
110301	57
110302	57
110303	57
110304	55
110305	55
110309	57
110310	57
110311	57
110320	67
110322	67
111100	57
111101	57
111199	58
111200	58
111201	58
111212	231
111214	231
111218	231
111224	231
111236	231
111308	231
111310	231
111312	231
111314	231
111318	231
111324	231
111330	234
111336	231
111338	234
111339	234
111340	233
111341	233
111342	233
111343	233
111344	233
111345	233
111346	233
111347	233
111350	233
111351	233
111352	233
111353	233
111355	232
111360	232
111365	232
111370	232
111375	232
111380	232
111385	232
111390	232
111410	231
111412	231
111414	231
111415	232
111418	231
111419	232
111424	231
111425	232
111436	231
111445	283
111501	237
111502	237
111503	237
111504	237
111505	236
111506	236
111507	236
111510	236

Code	Pág.
111511	236
111513	235
111514	235
111520	235
111522	236
111524	236
111525	235
111534	236
111535	236
111536	236
111537	236
111538	237
111540	237
111545	237
111550	237
111551	237
113142	65
113144	65
113155	64
113160	65
113165	64
113170	64
113175	64
113180	64
113185	64
113190	65
113192	65
113194	65
113195	65
113499	34
113503	298
113504	298
113534	298
113536	298
113610	14
113611	14
113612	14
114001	66
114002	66
114003	66
114005	66
114006	66
114007	66
114008	66
114010	66
114015	66
114016	66
114017	66
114018	66
115105	58
115115	58
115120	58
115125	58
115130	58
115135	58
115140	58
118001	225
118002	225
118003	225
118004	225
118005	225
118006	225
118007	225
118010	225
118015	271
118020	271
118030	271
118035	271
118050	98
118052	98
118054	98
119004	126
119005	126
119006	126
119007	126
119008	126

Code	Pág.
119010	126
119012	127
119014	127
119016	127
119018	127
119022	126
119023	126
119024	126
119025	126
119029	126
119030	126
119031	126
119032	126
119033	126
119035	127
119036	127
119038	127
119039	127
119040	126
119041	126
119042	126
119043	126
119049	128
119050	128
119051	133
119052	133
119055	128
119057	129
119058	129
119060	129
119074	127
119075	127
119076	127
119077	127
119078	127
119079	127
119080	127
119081	127
119082	127
119083	127
119084	127
119085	129
119090	15
119091	126
119092	126
119093	126
119094	126
119095	126
119096	126
119097	126
119098	126
119099	129
119100	130
119102	131
119105	131
119107	130
119110	130
119115	130
119117	131
119120	131
119125	131
119130	131
119132	248
119134	248
119135	270
119140	270
119150	124
119201	125
119205	125
119206	125
119208	125
119231	125
119232	125
119241	125
119242	125
119302	134

Code	Pág.
119303	134
119304	134
119305	134
119306	134
119308	134
119310	134
119311	134
119312	134
119321	134
119322	134
119330	135
119331	135
119332	137
119335	135
119336	137
119338	137
119339	137
119341	135
119344	134
119345	134
119346	134
119347	134
119348	134
119349	134
119350	134
119351	134
119352	134
119353	134
119361	136
119362	136
119363	136
119364	136
119365	136
119366	136
119367	136
119368	136
119369	136
119370	136
119371	136
119372	136
119373	136
119375	136
119501	132
119502	132
119503	132
119515	132
119525	132
119529	132
119530	132
119531	132
119535	132
119536	132
119537	132
119538	132
119539	132
119540	132
120100	200
120125	200
120150	200
120175	200
120200	200
120225	200
120250	200
120275	200
120300	200
120325	200
120350	200
120375	200
120400	200
120425	200
120450	200
120475	200
120500	200
120525	200
120550	200
120575	200

Code	Pág.
120600	200
120625	200
120650	200
120675	200
120700	200
120725	200
120750	200
120775	200
120800	200
120825	200
120850	200
120875	200
120900	200
120925	200
120950	200
120975	200
121000	200
121025	200
121050	200
121075	200
121100	200
121125	200
121150	200
121175	200
121200	200
121225	200
121250	200
121275	200
121300	200
121310	201
121320	200
121330	200
121335	201
121350	201
121500	27
121502	27
121510	27
121518	29
121524	29
121530	127
121535	29
121550	270
121555	270
121560	28
121562	28

# CODE-PAGE INDEX

Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.
122058	202	123110	68	127144	287	127277	291	128216	294	128406	295	135011	204
122060	202	123111	68	127145	287	127278	291	128230	294	128407	295	135012	204
122062	202	123112	68	127146	287	127279	291	128231	294	128408	295	135013	204
122070	203	123113	68	127147	287	127280	291	128232	294	128409	295	135014	204
122080	203	123114	68	127148	287	127281	291	128233	294	128412	295	135015	204
122104	202	123120	68	127149	287	127282	291	128234	294	128413	295	135016	204
122105	202	123200	67	127150	287	127284	289	128235	294	128414	295	135017	204
122106	202	123210	67	127151	287	127285	289	128236	294	128415	295	135018	204
122107	202	123215	67	127152	287	127286	289	128237	294	128416	295	135019	204
122108	202	125001	189	127153	287	127287	289	128238	294	128417	295	135020	204
122109	202	125002	189	127154	287	127288	289	128239	294	128418	295	135021	204
122110	202	125003	189	127160	288	127289	289	128240	294	128419	295	135022	204
122111	202	125004	189	127161	288	127290	289	128241	294	128420	295	135051	204
122112	202	125005	189	127162	288	127291	289	128242	294	128425	295	135070	204
122113	202	125007	189	127163	288	127292	289	128243	294	128500	296	135080	204
122114	202	125008	189	127170	288	127293	289	128244	294	128501	296	136001	203
122115	202	125009	189	127171	288	127294	289	128245	294	128502	296	136002	203
122116	202	125010	189	127172	288	127295	289	128246	294	128503	296	136003	203
122117	202	125011	189	127173	288	127296	289	128247	294	128600	297	136004	203
122118	202	125012	189	127180	287	127297	289	128248	294	129020	285	136005	203
122119	202	125013	189	127181	287	127298	289	128249	294	129021	285	136006	203
122120	202	125014	189	127182	287	127299	289	128270	297	129022	285	136007	203
122126	202	125015	189	127183	287	127310	286	128271	297	129023	285	136008	203
122128	202	125016	189	127184	287	127311	286	128272	297	129024	285	136009	203
122130	202	125017	189	127185	287	127312	286	128273	297	129025	285	136010	203
122132	202	125019	189	127186	287	127313	286	128274	297	129120	285	136011	203
122134	202	125020	189	127187	287	127316	286	128275	297	129121	285	136012	203
122136	202	125021	189	127188	287	127317	286	128276	297	129122	285	136013	203
122146	202	125022	189	127189	287	127318	286	128277	297	129123	285	136014	203
122148	202	125023	189	127190	287	127325	289	128278	297	129124	285	136205	203
122150	202	125024	189	127191	287	127326	289	128279	297	129125	285	136208	203
122152	202	125035	189	127199	288	127327	289	128280	297	129705	39	138001	204
122154	202	125036	189	127200	288	127350	291	128281	297	129714	12	138002	204
122156	202	125037	189	127201	288	127351	291	128282	297	129715	24	138003	204
122170	203	125038	189	127202	288	127352	291	128284	295	129716	12	138004	177
122180	203	125039	189	127203	288	127353	291	128285	295	129719	12	138005	177
122200	274	125040	189	127204	288	127354	291	128286	295	129720	24	138006	177
122204	274	125050	189	127205	288	127355	291	128287	295	129724	10	138007	177
122206	274	125060	189	127206	288	127356	291	128288	295	129725	22	138008	177
122210	272	127010	286	127207	288	127357	291	128289	295	129727	10	138010	204
122212	272	127012	286	127208	288	127360	291	128290	295	129750	37	138011	204
122214	272	127015	286	127209	288	127361	291	128291	295	129755	37	138012	204
122220	274	127016	286	127210	288	127362	291	128292	295	131002	205	138013	204
122225	274	127018	286	127211	288	127363	291	128293	295	131004	205	138014	204
122230	274	127019	286	127212	288	127400	289	128294	295	131006	205	138021	177
122250	278	127030	286	127213	288	127401	289	128295	295	131008	205	140001	249
122255	278	127031	286	127214	288	127402	289	128296	295	131010	205	140002	249
122300	272	127100	287	127215	288	127403	289	128297	295	131011	205	140003	249
122305	272	127101	287	127216	288	127406	289	128298	295	131012	205	140004	249
122310	272	127102	287	127230	288	127407	289	128299	295	131014	205	140005	249
122315	272	127103	287	127231	288	127408	289	128310	292	131016	205	140006	249
122330	271	127104	287	127232	288	127409	289	128311	292	131018	205	140007	249
122340	201	127105	287	127233	288	127412	289	128312	292	131020	205	140008	249
122342	201	127106	287	127234	288	127413	289	128313	292	131022	205	140009	249
122345	201	127107	287	127235	288	127414	289	128316	292	131024	205	140010	249
122347	201	127108	287	127236	288	127415	289	128317	292	131031	205	140011	249
122350	272	127109	287	127237	288	127416	289	128318	292	131032	205	140012	177
122355	272	127110	287	127238	288	127417	289	128325	295	131033	205	140013	177
122360	272	127111	287	127239	288	127418	289	128326	295	131110	205	140014	177
122365	272	127112	287	127240	288	127419	289	128327	295	131112	205	140015	177
122375	273	127113	287	127241	288	127420	289	128350	297	131114	205	140016	177
122380	273	127114	287	127242	288	127425	289	128351	297	131116	205	140019	177
122385	273	127130	287	127243	288	127500	290	128352	297	131117	205	140020	176
122390	273	127131	287	127244	288	127501	290	128353	297	131118	205	140021	176
122395	273	127132	287	127245	288	127502	290	128354	297	131120	205	140022	176
123000	248	127133	287	127246	288	127503	290	128355	297	132009	205	140023	176
123001	248	127134	287	127247	288	127600	291	128356	297	135001	204	140024	176
123005	248	127135	287	127248	288	128010	292	128357	297	135002	204	140025	176
123010	68	127136	287	127249	288	128012	292	128360	297	135003	204	140026	176
123031	68	127137	287	127270	291	128015	292	128361	297	135004	204	140029	177
123032	68	127138	287	127271	291	128016	292	128362	297	135005	204	140030	248
123033	68	127139	287	127272	291	128018	292	128363	297	135006	204	140034	176
123034	68	127140	287	127273	291	128019	292	128400	295	135007	204	140036	176
123036	68	127141	287	127274	291	128030	292	128401	295	135008	204	140050	177
123037	68	127142	287	127275	291	128031	292	128402	295	135009	204	140054	176
123038	68	127143	287	127276	291	128100	293	128403	295	135010	204	140056	176

# CODE-PAGE INDEX

Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.	Code	Pág.
140062	176	172282	101	186125	122	190006	81	190216	149	190410	149	190546	255
140063	176	172283	101	186126	122	190008	81	190218	149	190411	149	190552	257
140064	176	172286	102	186130	122	190010	81	190220	149	190412	149	190558	256
140065	176	172288	102	186131	122	190012	81	190222	149	190413	149	190559	257
140066	176	172295	102	186140	122	190014	81	190224	149	190414	149	190561	256
140068	176	172296	102	186141	122	190016	81	190226	149	190415	149	190562	256
140070	176	175001	98	186145	122	190018	81	190228	149	190416	149	190568	256
144000	183	175002	98	186146	122	190020	81	190230	149	190417	149	190570	257
144004	183	175003	98	186150	122	190022	81	190240	147	190418	149	190571	252
144020	185	175004	98	186151	122	190024	81	190250	141	190419	149	190573	252
144021	185	175005	98	186155	122	190026	81	190252	141	190420	149	190574	258
144022	185	175006	98	186156	122	190028	81	190254	141	190421	149	190575	258
144025	185	175007	98	186160	122	190030	81	190256	141	190422	149	190577	258
144026	185	175008	98	186161	122	190040	82	190258	141	190423	149	190580	279
144027	185	175009	98	186165	122	190045	82	190260	141	190424	149	190581	279
144030	185	175010	98	186166	122	190050	85	190262	141	190425	149	190590	279
144031	185	175011	98	186168	122	190052	85	190264	141	190426	149	190591	279
144032	185	175012	98	186170	122	190054	85	190266	141	190427	149	190595	279
144035	184	175013	98	186172	122	190056	85	190268	141	190428	149	190596	279
144036	184	175014	98	186175	122	190058	85	190270	141	190429	149	190597	279
144040	185	175015	98	186176	122	190060	85	190280	141	190430	149	190610	26
144045	185	175016	98	186178	122	190062	85	190282	141	190432	149	190611	26
144046	185	175017	98	186180	122	190064	85	190284	141	190433	150	190612	26
144055	184	175018	98	186182	122	190066	85	190286	141	190442	116	190614	26
144065	184	175019	98	186185	145	190068	85	190288	141	190443	116	190615	26
144075	184	175020	98	186187	151	190070	85	190290	141	190444	116	190616	26
144086	184	175021	98	186200	169	190072	85	190295	139	190445	116	190617	26
144087	184	175022	98	186202	169	190074	85	190300	155	190446	116	190618	26
144088	184	175023	98	186204	169	190076	85	190302	154	190448	116	190619	26
144092	210	175024	98	186300	169	190078	85	190304	156	190450	110	190620	26
144093	183	175025	98	186302	169	190090	86	190305	155	190451	110	190621	26
144097	210	175026	98	186304	169	190095	86	190308	155	190452	110	190622	26
144098	185	175027	98	186308	168	190100	83	190310	155	190453	110	190623	26
144099	185	175030	98	186309	168	190102	83	190311	155	190454	110	190657	89
145101	103	183100	276	186310	168	190104	83	190312	155	190455	110	190658	89
145102	103	183105	276	186312	168	190106	83	190313	155	190456	110	190659	89
145103	103	183110	276	186313	168	190108	83	190314	155	190457	110	190660	89
145104	103	183112	276	186314	168	190110	83	190315	155	190458	110	190661	89
145105	103	183113	276	186315	168	190112	83	190316	155	190460	112	190662	89
145106	103	183115	276	186318	167	190114	83	190317	155	190461	112	190663	89
145107	103	183120	277	186319	167	190116	83	190318	155	190462	112	190664	89
145108	103	183121	277	186320	167	190118	83	190319	155	190463	112	190665	89
145109	103	183122	277	186321	167	190120	83	190320	155	190464	112	190666	89
145110	103	183123	277	186324	167	190122	83	190321	155	190465	112	190667	89
149001	249	183124	277	186326	167	190124	83	190322	155	190466	112	190668	89
149002	249	183125	277	186327	167	190126	83	190324	155	190467	112	190669	89
149003	249	183126	277	186328	168	190128	83	190327	155	190468	112	190671	89
149004	249	183127	277	186329	167	190130	83	190330	155	190477	90	190672	89
149050	249	183128	277	186330	168	190132	83	190332	155	190478	90	190674	89
149055	249	183129	277	186340	170	190140	84	190340	155	190479	90	190675	89
149081	249	183130	277	186342	170	190145	84	190342	155	190480	90	190676	89
149086	249	183300	42	186348	172	190157	88	190345	155	190481	90	190678	150
149087	249	183310	42	186350	172	190158	88	190354	155	190482	90	190680	150
151001	205	183350	41	186352	172	190159	88	190355	155	190483	90	190681	150
164021	103	183352	41	186354	172	190160	88	190356	155	190484	90	190682	150
164022	103	183354	41	186356	172	190161	88	190358	155	190486	90	190683	150
164023	103	183356	41	186609	188	190162	88	190360	155	190487	90	190684	150
164024	103	183360	45	186610	188	190163	88	190365	154	190488	90	190685	150
164025	103	183370	45	186612	186	190164	88	190366	154	190489	90	190686	150
172250	100	186100	124	186615	186	190165	88	190367	154	190491	90	190687	150
172251	100	186104	122	186616	186	190166	88	190368	154	190492	90	190688	150
172252	100	186105	122	186618	187	190167	88	190369	154	190494	90	190689	150
172253	100	186106	122	186619	187	190168	88	190370	154	190495	90	190690	150
172254	100	186107	122	186622	187	190169	88	190371	154	190498	149	190691	150
172255	100	186108	122	186625	187	190171	88	190372	154	190501	253	190692	150
172256	100	186110	122	186626	186	190172	88	190373	154	190504	253	190693	150
172265	101	186112	122	186630	186	190174	88	190374	154	190512	255	190694	150
172270	100	186114	122	186632	186	190180	88	190383	154	190523	149	190695	150
172271	100	186115	122	186635	186	190182	88	190384	154	190525	149	190696	150
172272	100	186116	122	186640	186	190202	149	190385	154	190526	149	190697	150
172273	100	186117	122	186642	186	190204	149	190386	154	190528	149	190698	150
172274	100	186118	122	186645	186	190206	149	190390	154	190529	149	190699	150
172275	100	186120	122	186650	188	190208	149	190391	154	190535	257	190700	150
172277	102	186122	122	186660	188	190210	149	190392	154	190538	255	190702	150
172280	101	186123	122	190002	81	190212	149	190393	154	190539	254	190703	150
172281	101	186124	122	190004	81	190214	149	190408	149	190543	254	190705	153

# CODE-PAGE INDEX

Code	Pág.
190706	153
190707	153
190708	153
190710	153
190712	153
190720	152
190725	152
190727	152
190730	152
190740	152
190741	153
190745	152
190746	153
190750	152
190751	153
190755	152
190756	153
190760	152
190761	153
190765	152
190767	153
190768	153
190770	153
190771	153
190774	153
190775	153
190776	153
190777	153
190824	91
190827	91
190830	91
190832	91
190836	91
190838	91
190841	91
190846	91
190850	91
190855	91
190860	91
190865	91
190870	91
190875	91
190880	91
190885	91
190917	90
190919	90
190922	90
190924	90
190927	90
190930	90
190932	90
190934	90
190936	90
190941	90
190946	90
190950	90
190955	90
190960	90
190965	90
190970	90
190975	90
190980	90
190985	90
191004	81
191005	81
191010	81
191012	81
191015	81
191020	81
191025	81
191028	81
191030	81
191033	81
191035	81
191038	81
191040	81

Code	Pág.
191045	81
191047	81
191050	81
191055	81
191060	81
191065	81
191070	81
191072	81
191073	81
191075	81
191076	81
191077	81
191080	82
191081	82
191082	82
191085	82
191086	82
191091	81
191096	15
191105	85
191110	85
191115	85
191120	85
191125	85
191128	85
191130	85
191133	85
191135	85
191138	85
191140	85
191145	85
191148	85
191150	85
191155	85
191160	85
191165	85
191170	85
191172	85
191175	85
191177	85
191180	85
191181	86
191182	85
191185	86
191190	86
191196	15
191203	83
191206	83
191209	83
191212	83
191215	83
191218	83
191221	83
191224	83
191227	83
191230	83
191233	83
191236	83
191239	83
191242	83
191245	83
191248	83
191251	83
191254	83
191257	83
191260	83
191263	83
191266	83
191269	83
191272	83
191275	83
191278	83
191279	83
191280	84
191281	83
191282	83

Code	Pág.
191283	83
191284	83
191285	84
191286	84
191291	83
191296	15
191305	87
191310	87
191315	87
191320	87
191325	87
191330	87
191335	87
191340	87
191345	87
191350	87
191355	87
191357	87
191360	87
191370	91
191371	91
191372	91
191373	91
191374	91
191375	91
191376	91
191377	91
191378	91
191379	91
191381	91
191382	91
191383	91
191384	91
191385	91
191386	91
191387	91
191388	91
191389	91
191396	87
191397	87
191398	87
191405	96
191410	96
191415	96
191420	96
191425	96
191430	96
191435	96
191440	96
191445	96
191450	96
191452	96
191455	96
191457	96
191460	96
191470	96
191475	96
191480	15
191485	96
191492	99
191494	99
191496	99
191498	99
191499	99
191505	97
191510	97
191515	97
191520	97
191525	97
191530	97
191535	97
191540	97
191545	97
191550	97
191552	97
191555	97

Code	Pág.
191557	97
191560	97
191565	97
191570	97
191575	97
191600	92
191605	92
191610	92
191615	92
191620	92
191625	92
191627	92
191630	95
191632	95
191634	95
191636	95
191640	95
191650	92
191652	95
191654	95
191656	95
191658	95
191660	95
191662	95
191664	95
191666	95
191668	95
191670	95
191672	95
191675	95
191682	99
191684	99
191686	99
191688	99
191690	99
191692	99
191695	99
191697	99
191710	103
191720	103
191730	103
191740	103
191750	103
191760	103
191805	93
191810	93
191815	93
191820	93
191825	93
191830	93
191835	93
191840	93
191845	93
191850	93
191855	93
191860	93
191862	93
191864	93
191865	93
191866	93
191868	93
191869	93
191870	93
191872	93
191874	93
191876	93
191877	93
191880	92
191881	92
191882	92
191885	92
191891	93
191900	225
191905	94
191907	94
191910	94

Code	Pág.
191915	94
191920	94
191925	94
191926	94
191927	94
191928	94
191930	94
191932	94
191935	94
191937	94
191939	94
191941	94
191943	94
191945	94
191947	94
191950	94
191951	94
191952	94
191990	97
191995	97
192003	142
192004	142
192005	142
192006	142
192008	142
192014	142
192015	142
192016	142
192018	142
192021	142
192022	142
192023	142
192031	142
192032	142
192033	142
192039	142
192040	142
192041	142
192042	142
192043	142
192044	142
192045	142
192046	142
192047	142
192048	142
192049	142
192050	142
192051	142
192052	142
192053	142
192054	142
192055	142
192056	142
192057	142
192058	142
192059	142
192060	142
192064	142
192065	142
192066	142
192068	142
192100	142
192101	141
192102	141
192103	141
192104	141
192105	141
192106	141
192107	141
192108	141
192109	141
192110	141
192111	141
192112	141
192113	141
192114	141

Code	Pág.
192115	141
192116	141
192117	141
192118	141
192119	141
192120	141
192121	141
192122	141
192124	141
192126	141
192127	141
192133	140
192136	140
192138	140
192139	140
192145	143
192150	143
192155	143
192160	143
192161	143
192162	143
192163	143
192164	143
192165	143
192170	143
192182	140
192187	139
192195	139
192197	14
192208	145
192209	145
192210	145
192211	145
192212	145
192213	145
192214	145
192215	145
192216	145
192217	145
192218	145
192219	145
192221	145
192222	145
192225	145
192228	145
192230	145
192232	145
192233	145
192237	145
192239	145
192243	144
192244	144
192246	144
192250	145
192255	145
192260	145
192265	145
192270	145
192275	145
192276	145
192287	144
192290	14
192294	150
192295	150
192296	150
192297	150
192298	150
192299	150
192300	150
192305	150
192308	149
192310	149
192311	149
192312	149
192313	149
192314	149

Code	Pág.
192315	149
192316	149
192317	149
192318	149
192319	149
192320	149
192321	149
192322	149
192323	149
192324	149
192325	149
192326	149
192327	149
192328	149
192329	149
192330	149
192332	149
192333	150
192334	150
192343	148
192344	148
192347	148
192348	148
192352	151
192355	151
192356	151
192358	151
192359	151
192360	151
192362	151
192363	151
192365	151
192383	147
192384	147
192386	146
192387	14
192389	146
192405	152
192406	152
192407	152
192408	152
192409	152
192410	152
192412	152
192414	152
192417	152
192420	152
192425	152
192427	152



# CODE-PAGE INDEX

Code	Pág.
192509	149
192510	149
192511	149
192512	149
192513	149
192514	149
192515	149
192516	149
192517	149
192518	150
192519	157
192521	157
192522	157
192524	157
192527	157
192530	157
192532	157
192533	157
192534	157
192536	157
192538	157
192541	157
192546	157
192550	157
192555	157
192560	157
192565	157
192570	157
192575	157
192580	157
192604	27
192605	143
192610	145
192615	145
192620	151
192625	151
192630	157
192632	157
192648	156
192649	156
192650	156
192652	156
192675	36
192676	36
192677	36
192678	22
192679	13
192680	13
192699	27
192709	11
192710	23
192712	11
192725	25
192727	25
192731	40
192732	16
192733	40
192735	40
192736	16
192759	43
192760	46
192762	46
192763	46
192765	44
192766	45
192768	45
192780	24
192782	13
192792	39
192793	39
192794	39
192795	43
192796	43
192802	38
192804	38
192806	38

Code	Pág.
192808	38
192815	23
192821	44
192822	44
192823	44
192824	44
192825	21
192826	9
192827	9
192829	44
192832	25
192837	34
192838	31
192839	31
192841	34
192842	32
192843	32
192844	33
192845	33
192846	35
192848	35
192849	34
192851	34
192852	34
192853	34
192854	35
192856	35
192858	35
192862	35
192863	35
192864	35
192865	35
192872	35
192873	35
192885	107
192890	107
192891	107
192892	107
192893	107
192895	105
192897	107
192898	104
192900	104
192910	104
192920	104
192930	104
192940	104
192945	104
192948	104
193002	110
193003	110
193004	110
193005	110
193006	110
193007	110
193008	110
193009	110
193010	110
193012	110
193014	110
193015	110
193017	110
193019	110
193022	110
193025	110
193055	111
193056	111
193060	114
193061	114
193070	110
193071	110
193082	111
193102	112
193103	112
193104	112
193105	112

Code	Pág.
193106	112
193107	112
193108	112
193110	112
193112	112
193114	112
193125	112
193130	112
193131	112
193140	112
193144	109
193145	109
193148	110
193171	109
193172	109
193173	109
193174	109
193175	109
193176	109
193178	109
193181	109
193182	109
193206	113
193207	113
193208	113
193209	113
193210	113
193215	113
193220	113
193225	113
193227	113
193230	113
193240	113
193245	113
193250	113
193255	113
193260	113
193270	113
193281	114
193283	114
193290	113
193292	114
193369	137
193455	131
193465	132
193467	133
193470	117
193503	120
193506	120
193511	120
193516	120
193521	120
193536	119
193537	119
193538	119
193546	119
193547	119
193548	119
193556	119
193557	119
193558	119
193566	119
193567	119
193568	119
193570	119
193571	119
193572	119
193573	119
193574	119
193575	119
193576	119
193578	119
193580	119
193581	120
193582	120
193583	120

Code	Pág.
193584	120
193585	120
193586	120
193587	120
193588	120
193589	120
193590	120
193591	120
193592	120
193593	120
193594	120
193595	120
193596	120
193597	120
193598	120
193599	120
193601	121
193603	120
193606	121
193611	121
193616	121
193621	121
193636	120
193637	120
193638	120
193646	120
193647	120
193648	120
193656	120
193657	120
193658	120
193666	120
193667	120
193668	120
193725	124
193730	123
193740	123
193742	123
193744	123
193750	123
193751	123
193752	123
193753	123
193754	123
193902	111
193903	111
193904	111
193905	111
193906	111
193907	111
193908	111
193910	111
193912	111
193914	111
193925	111
193935	121
193936	121
193938	121
193940	121
193942	121
193944	121
193945	121
193946	121
193948	121
193950	121
193952	121
193954	121
193961	121
193962	121
193963	121
193964	121
193965	121
193967	121
193968	121
193970	111
193971	121

Code	Pág.
193972	121
193973	121
193980	121
193981	121
193982	121
193983	121
193984	121
193985	121
193990	121
193991	121
193992	121
193993	121
193994	121
193995	121
193996	121
194006	113
194007	113
194008	113
194009	113
194010	113
194015	113
194020	113
194025	113
194027	113
194030	113
194040	113
194045	113
194050	113
194055	113
194060	113
194100	106
194105	106
194110	106
194115	106
194120	106
194121	106
194122	106
194123	106
194124	106
194127	106
194129	106
194133	106
194137	106
194139	106
194142	106
194144	106
194145	106
194146	106
194147	106
194148	106
194149	106
194150	106
194151	106
194152	106
194153	106
194154	106
194157	106
194159	106
194163	106
194167	106
194169	106
194172	106
194174	106
194175	106
194176	106
194177	106
194178	106
194179	106
194180	106
194182	106
194184	106
194200	105
194205	105
194215	105
194220	105
194805	122

Code	Pág.
194806	122
194807	122
194808	122
194809	122
194810	122
194811	122
194812	122
194813	122
194815	122
194820	158
194836	158
194841	158
194846	158
194850	158
194855	158
194860	158
194865	158
194870	158
194875	158
194880	158
194885	158
194886	158
194887	158
194888	158
194890	158
195205	116
195206	116
195207	116
195208	116
195209	116
195210	116
195211	116
195212	116
195213	116
195214	116
195227	116
195228	116
195230	116
195232	116
195233	116
195240	116
195245	116
195250	116
195255	116
195261	115
195262	115
195263	115
195264	115
195265	115
195266	115
195268	115
195270	115
195271	115
195274	115
195282	117
195284	117
195309	115
195310	115
195315	115
195320	115
195325	115
195327	115
195330	115
195340	115
195350	115
195580	189
195582	189
195700	219
195701	219
195705	219
195706	219
195708	219
195709	219
195710	219
195711	219
195715	219

Code	Pág.
195716	219
195717	219
195718	219
195720	219
195721	219
195723	219
195724	219
195725	219
195726	219
195730	220
195731	220
195740	220
195741	220
195750	220
195751	220
195760	220
195761	220
195762	222
195764	222
195768	221
195770	221
195772	221
195774	221
195775	222
195776	222
195780	221
195785	221
195786	221
195787	221
195788	223
195790	222
195792	222
195795	223
195796	223
195800	222
195804	220
195806	220
195900	218
195901	218
195905	21

# CODE-PAGE INDEX

Code	Pág.
196280	239
196282	239
196288	240
196290	238
196292	238
196294	238
196302	241
196303	241
196304	241
196305	223
196306	223
196310	223
196311	223
196315	223
196316	223
196318	223
196320	223
196321	223
196322	223
196325	224
196340	224
196350	224
196360	224
196375	224
196385	224
196390	224
196395	224
196399	224
196401	224
196403	224
196406	224
196411	224
196416	224
196421	224
196422	224
196423	224
196430	224
196440	224
196450	224
196460	224
196480	224
196490	224
196495	224
196496	224
196499	224
196500	169
196501	169
196502	169
196503	171
196504	171
196510	168
196511	168
196515	168
196516	168
196518	169
196520	168
196522	168
196523	168
196524	168
196525	171
196527	168
196530	171
196531	171
196548	167
196550	167
196551	167
196554	167
196555	167
196556	167
196560	167
196562	167
196563	167
196565	170
196566	170
196570	170
196575	170

Code	Pág.
196576	170
196580	170
196581	170
196590	170
196595	173
196600	169
196601	169
196602	169
196605	169
196606	169
196608	169
196612	168
196613	168
196617	168
196622	168
196625	171
196627	171
196628	168
196629	168
196630	171
196631	171
196632	168
196633	171
196652	167
196653	167
196654	167
196657	167
196658	167
196663	167
196664	167
196665	170
196666	170
196670	170
196690	170
196691	170
196695	173
196701	174
196702	174
196703	174
196704	174
196705	174
196710	174
196715	174
196720	174
196725	174
196727	174
196730	174
196732	174
196760	174
196762	174
196764	174
196766	174
196768	174
196780	175
196781	175
196782	175
196783	175
196784	175
196785	175
196786	175
196787	175
196788	175
196789	175
196790	175
196792	175
196805	174
196810	174
196815	174
196848	53
196850	52
196852	53
196860	52
196870	228
196872	52
196875	228
196880	53

Code	Pág.
196882	53
196885	229
196886	229
196890	228
196894	228
196895	229
196896	229
196897	229
196898	229
196899	229
196905	179
196910	179
196911	178
196915	179
196916	178
196920	179
196921	178
196925	179
196926	178
196930	179
196935	179
196940	179
196942	225
196945	225
196950	179
196952	178
196955	179
196956	178
196957	178
196960	179
196961	178
196962	178
196965	179
196966	178
196970	179
196971	178
196975	178
196977	178
196979	179
196989	181
196994	181
196995	181
197001	181
197003	181
197014	198
197016	198
197017	198
197019	198
197020	198
197021	198
197022	198
197024	198
197025	198
197027	198
197029	198
197030	198
197032	198
197033	198
197035	198
197037	198
197038	198
197040	198
197041	198
197043	198
197044	198
197046	198
197048	198
197051	198
197052	198
197054	198
197056	198
197057	198
197059	198
197060	198
197064	198
197065	198

Code	Pág.
197067	198
197068	198
197070	198
197073	198
197076	198
197079	198
197083	198
197086	198
197089	198
197092	198
197095	198
197098	198
197102	198
197105	198
197108	198
197111	198
197121	198
197127	198
197140	198
197152	198
197160	199
197170	199
197200	198
197210	198
197212	199
197215	199
197220	199
197230	199
197240	199
197250	199
197260	183
197280	246
197281	246
197282	246
197300	242
197303	242
197305	242
197307	242
197310	242
197312	242
197315	242
197316	242
197320	242
197322	242
197324	242
197325	243
197330	243
197340	243
197350	243
197355	244
197357	244
197360	243
197362	248
197365	248
197370	247
197372	247
197374	247
197375	246
197380	246
197385	246
197386	246
197390	246
197392	246
197394	246
197396	246
197398	246
197399	246
197415	247
197420	247
197450	180
197455	180
197456	180
197460	180
197461	180
197465	180

Code	Pág.
197466	180
197470	180
197471	180
197472	180
197473	180
197474	180
197475	180
197480	181
197481	181
197495	192
197497	193
197499	190
197500	190
197502	190
197504	190
197505	190
197506	190
197509	190
197510	190
197512	190
197514	190
197515	190
197516	190
197518	191
197519	191
197520	191
197521	191
197524	191
197525	191
197526	191
197528	191
197529	191
197530	191
197531	191
197534	193
197535	193
197536	193
197539	193
197540	193
197541	193
197544	193
197545	193
197546	193
197549	193
197550	192
197552	192
197554	192
197555	197
197556	197
197558	197
197560	197
197561	197
197562	197
197565	197
197601	191
197602	194
197603	191
197604	194
197605	191
197606	194
197610	194
197612	194
197614	194
197620	195
197622	195
197624	195
197630	196
197632	196
197635	196
197640	196
197642	196
197645	196
197650	194
197651	195
197652	194
197655	196

Code	Pág.
197656	195
197658	196
197660	196
197662	196
197702	190
197704	190
197705	190
197710	190
197712	190
197714	190
197720	191
197721	191
197725	191
197730	191
197800	226
197805	226
197810	226
197850	226
197855	226
197860	226
197865	226
197870	226
197872	226
197873	226
197875	226
197877	226
197880	226
197882	226
197900	226
197905	226
197910	226
197915	226
197920	226
197932	217
197934	217
197936	217
197938	217
197942	217
197944	217
197946	217
197950	226
197955	226
197960	226
197965	226
197970	227
197972	227
197975	227
197976	227
197982	227
197985	227
197986	227
197987	227
197990	269
197992	269
197995	269
197996	269
197998	269
198002	269
198004	269
198005	269
198010	269
198050	227
198052	227
198054	227
198070	227
198072	227
198074	227
198100	47
198101	19
198105	47
198106	19
198110	47
198111	19
198115	47
198116	19
198121	46

Code	Pág.
198122	46
198125	51
198130	51
198132	49
198134	51
198135	50
198140	229
198142	229
198150	48
198152	50
198154	49
198160	48
198180	162
198181	162
198182	162
198183	162
198184	162
198185	162
198200	160
198201	160
198202	160
198203	160
198204	160
198205	160
198206	160
198208	159
198209	159
198210	159
198211	159
198212	159
198213	159
198214	159
198215	159
198216	159
198217	159
198218	159
198219	159
198220	159
198221	159

# CODE-PAGE INDEX

Code	Pág.
198269	160
198270	161
198275	161
198276	165
198277	165
198278	165
198279	165
198285	162
198286	162
198288	162
198290	162
198292	162
198294	162
198297	162
198299	162
198300	162
198301	162
198302	162
198304	162
198306	162
198308	162
198310	162
198312	162
198314	162
198316	162
198317	163
198319	163
198321	163
198322	163
198324	163
198327	163
198330	163
198332	163
198334	163
198336	163
198338	163
198341	163
198346	163
198350	163
198355	163
198360	163
198370	163
198371	163
198372	163
198373	163
198374	163
198375	163
198376	163
198377	163
198378	163
198379	163
198380	163
198381	163
198382	163
198383	163
198384	163
198385	163
198386	163
198387	163
198390	163
198392	163
198395	163
198396	165
198397	165
198398	165
198399	165
198424	164
198427	164
198430	164
198432	164
198434	164
198436	164
198438	164
198441	164
198446	164
198450	164

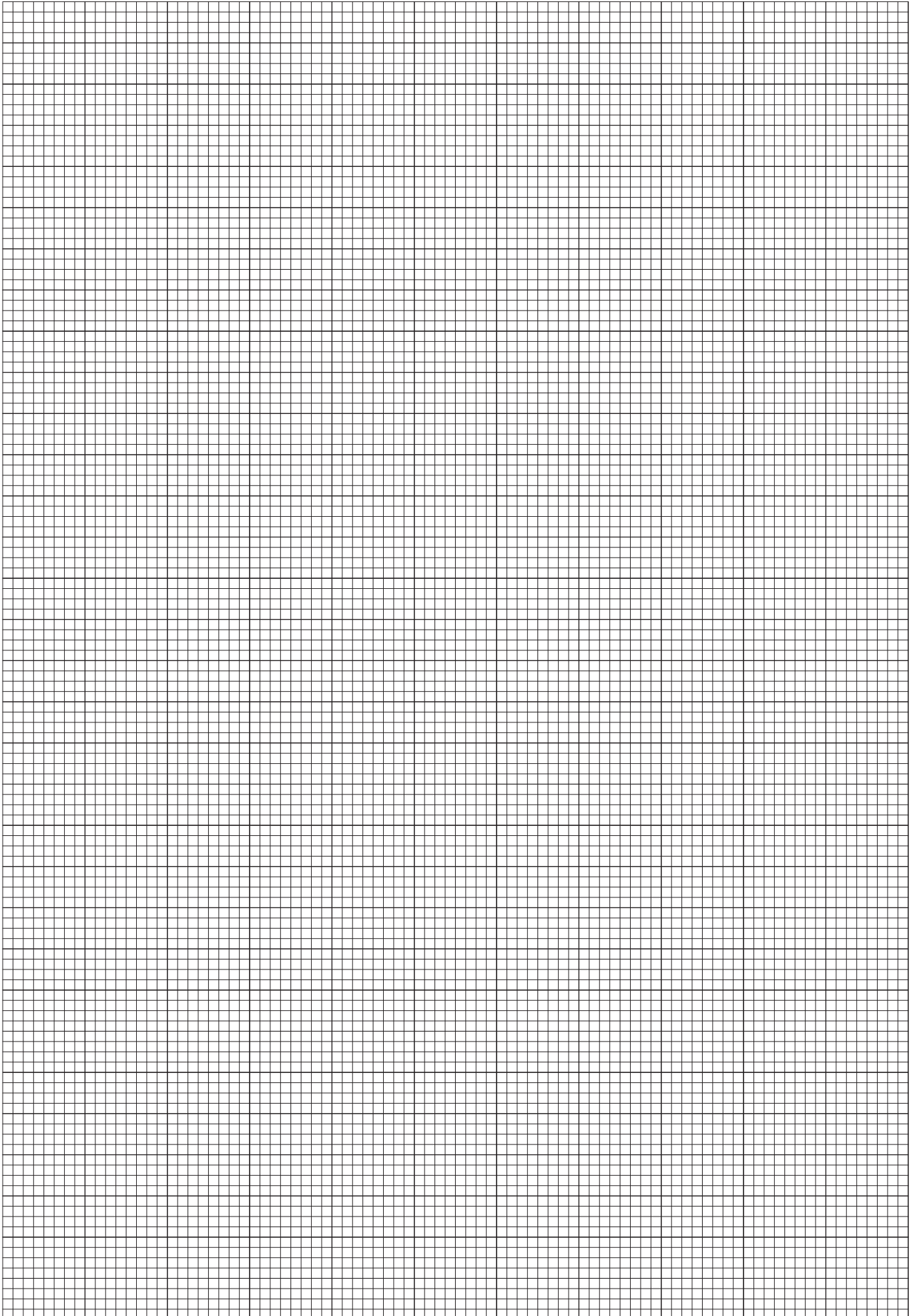
Code	Pág.
198455	164
198460	164
198465	164
198470	164
198475	164
198476	164
198477	164
198478	164
198479	164
198480	164
198481	164
198482	164
198483	164
198484	164
198485	164
198486	164
198487	164
198488	164
198490	164
198492	164
198495	164
198497	164
198498	165
198499	165
198500	215
198501	215
198502	215
198503	215
198505	215
198506	215
198507	215
198508	215
198510	216
198512	216
198514	216
198516	216
198518	211
198519	211
198520	211
198521	211
198524	216
198525	216
198526	216
198527	216
198529	216
198530	215
198534	216
198535	216
198539	216
198544	216
198550	216
198558	216
198600	213
198601	215
198602	215
198603	213
198604	213
198605	213
198610	213
198611	215
198612	215
198613	213
198614	214
198615	213
198617	214
198619	214
198620	172
198621	214
198622	214
198625	172
198630	172
198632	172
198650	173
198655	173
198658	173
198660	173

Code	Pág.
198668	172
198670	172
198675	172
198676	172
198680	171
198748	172
198750	173
198755	173
198758	173
198760	173
198776	172
198805	280
198807	280
198810	280
198815	280
198816	280
198818	280
198820	281
198821	281
198826	281
198828	281
198830	281
198832	281
198835	281
198850	278
198851	278
198852	278
198855	278
198856	278
198857	278
198860	282
198861	282
198863	282
198865	282
198870	283
198875	283
198876	283
198880	283
198882	283
198885	282
198892	279
198895	279
198900	161
198902	161
198904	161
198906	161
198915	270
198925	270
198946	165
198950	165
198955	165
198960	165
198965	165
198970	165
198975	165
198980	165
198981	165
198982	165
198983	165
198984	165
199002	14
199009	14
199166	105
199167	105
199168	105
199170	105
199171	105
199172	105
199174	105
199176	105
199178	105
199180	232
199181	232
199183	232
199184	232
199186	232

Code	Pág.
199187	232
199189	232
199190	232
199192	232
199193	232
199195	232
199196	232
199198	232
199199	232
199220	251
199222	251
199225	259
199228	260
199230	259
199235	259
199240	260
199245	260
199300	267
199301	268
199302	268
199303	268
199305	267
199306	268
199307	268
199308	268
199310	267
199311	268
199312	268
199313	268
199315	267
199316	268
199317	268
199318	268
199325	268
199330	268
199335	237
199350	267
199351	268
199355	267
199356	268
199360	267
199361	268
199365	265
199367	265
199368	265
199369	265
199370	265
199375	264
199377	264
199380	264
199382	264
199400	261
199401	261
199405	261
199409	262
199410	262
199415	262
199416	262
199417	262
199425	261
199426	261
199430	261
199433	263
199435	263
199436	263
199443	263
199444	263
199445	263
199446	263
199453	263
199454	263
199455	263
199456	263
199463	263
199464	263
199465	263

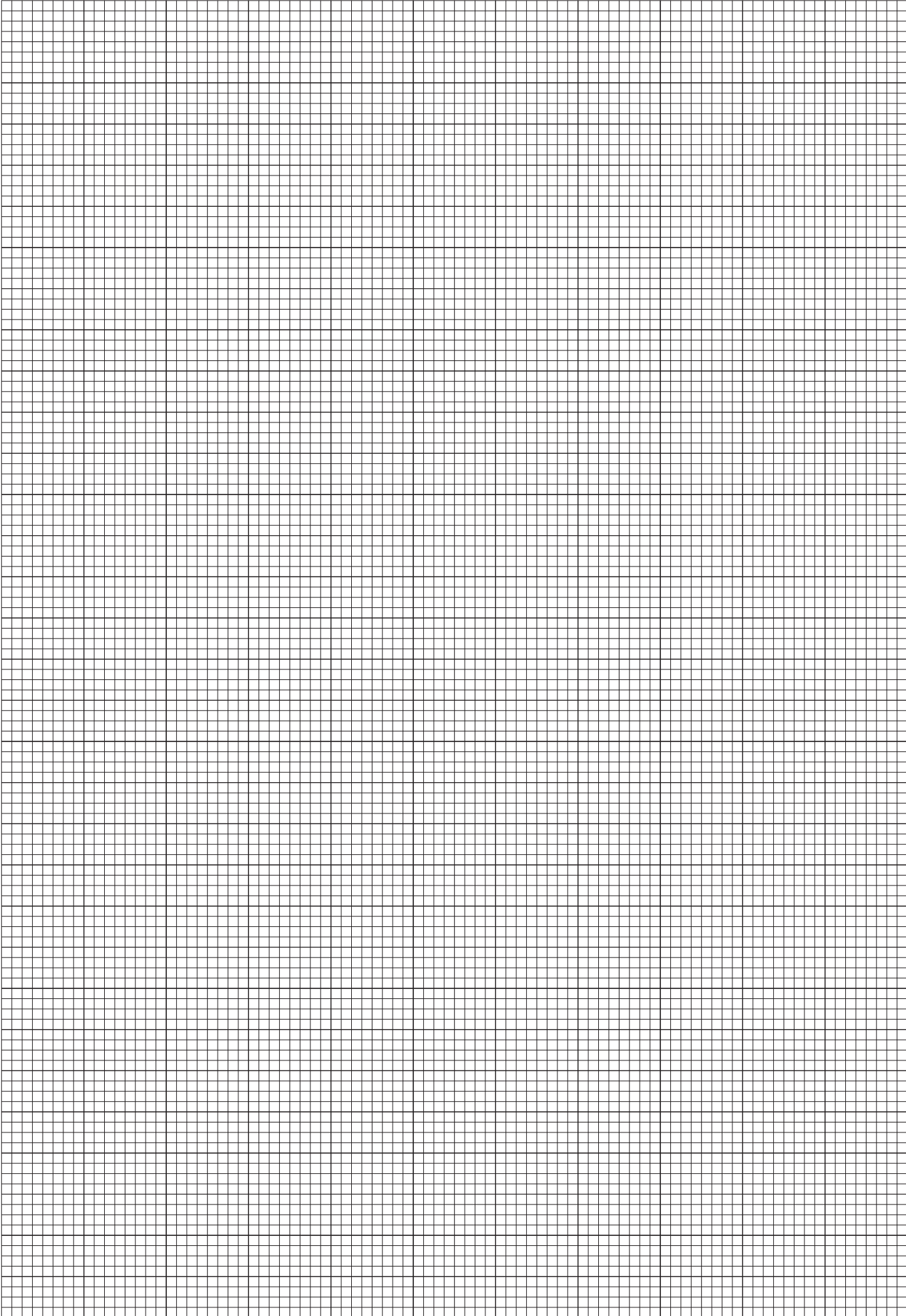
Code	Pág.
199466	263
199472	262
199473	262
199474	262
199475	262

# NOTES



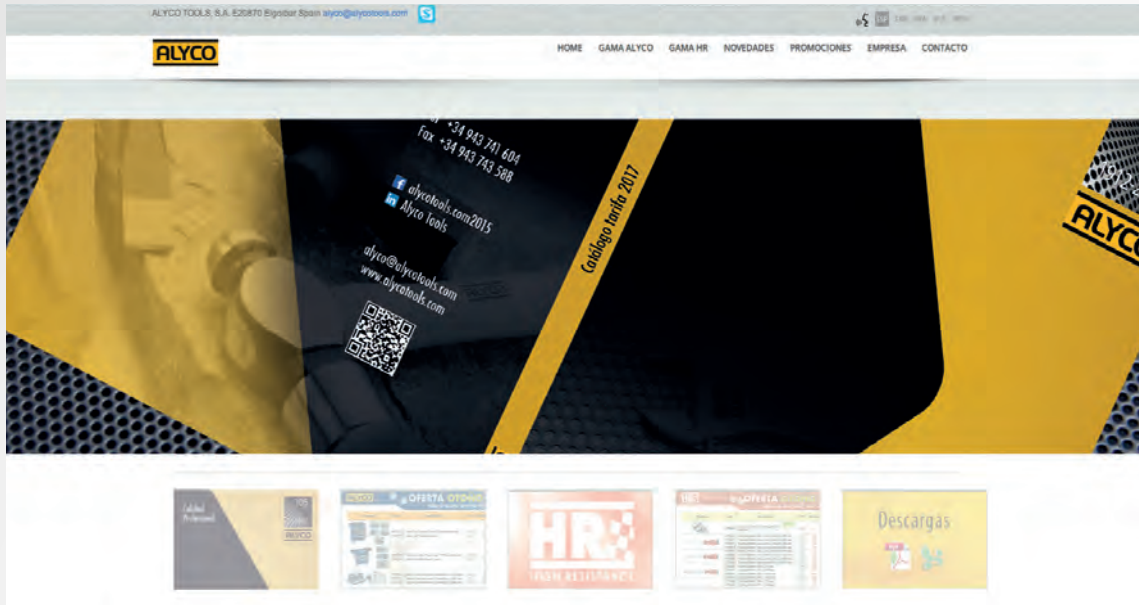


**NOTES**



# WWW.ALYCOTOOLS.COM

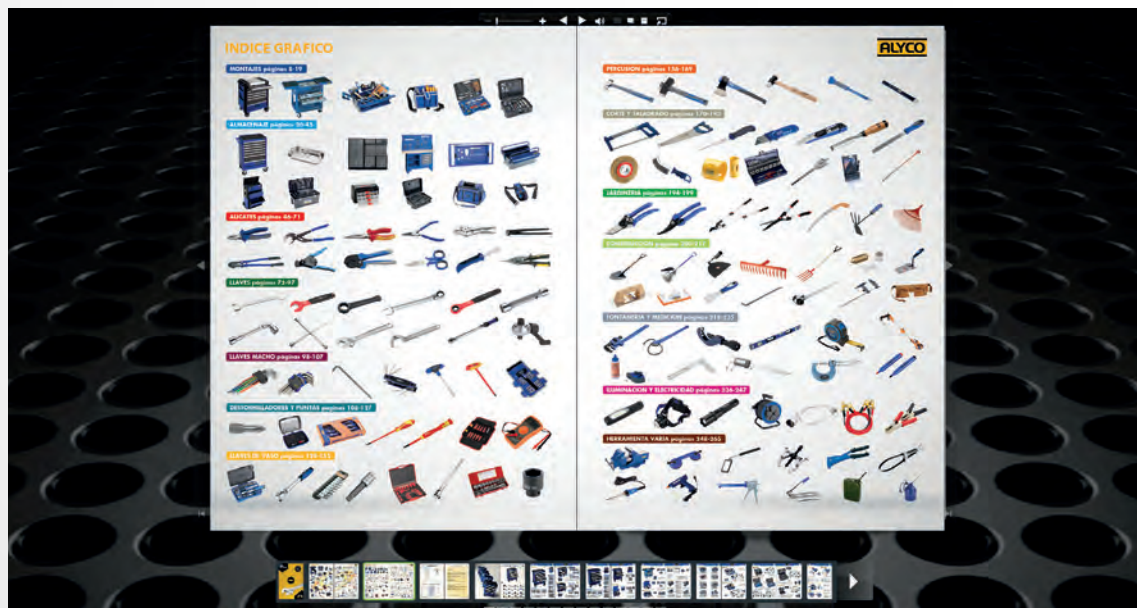
Accessible from the Web, an easy and agile way to consult the catalogue



## INTERACTIVE CATALOGUE

Consultable from the web.

Easy and agile mode to consult the catalogue



## POSSIBILITIES OF DOWNLOADING FILES

Accessible from the Web, an easy and agile way to consult the catalogue



Full  
Catalogue



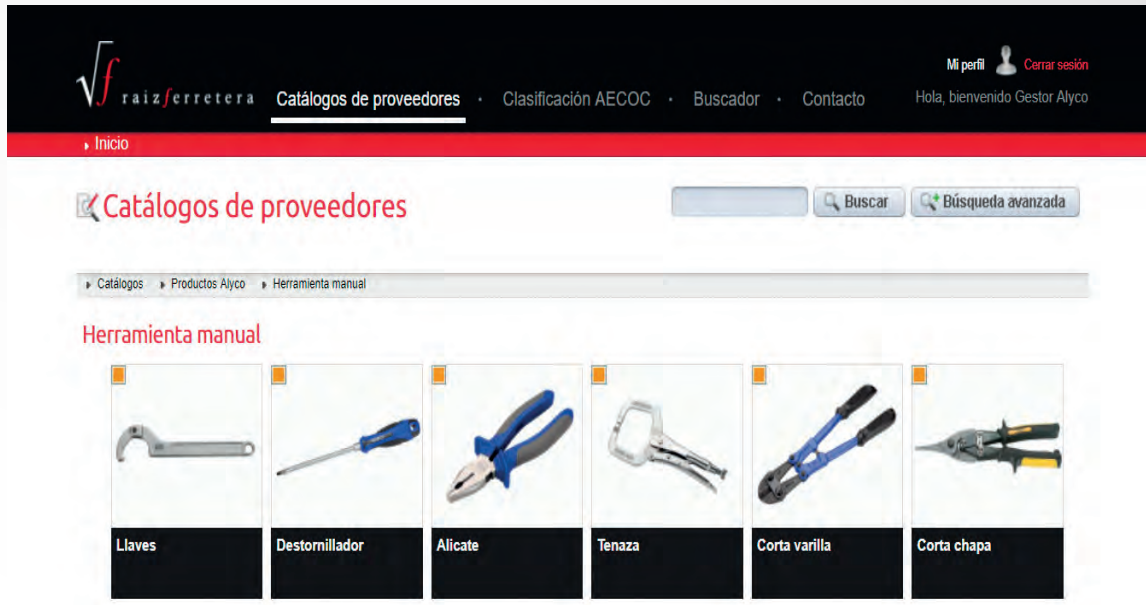
Catalogue  
by chapter



Code, description, PVP, code  
of bars, page number, packaging.

# DOWNLOAD DOCUMENT

Images, Certificates, Features and Instruction Manuals on  
[www.raizferretera.com](http://www.raizferretera.com)



## GENERAL CONTACT



(34) 943 741 604



(34) 943 743 588



[alyco@alycotools.com](mailto:alyco@alycotools.com)



ALYCOTOOLS



[@alycotools.com2015](https://www.facebook.com/alycotools.com2015)



ALYCO TOOLS



**Immediate response**



**Global communication**



**International Service**



**Quick response**



# ALYCO NEW FACILITIES

Polígono Industrial Itziar, T1 - 20829 Itziar-Deba (Spain)

JANUARY 2020







Reino Unido

IRLANDA DEL NORTE

Irlanda

INGLATERRA

GALES

Países Bajos

Bélgica

Luxemburgo

Francia

Suiza

Alemania

España

Portugal

Marruecos

Túnez

Argelia



**ALYCO**



# SOCIAL ENGAGEMENT



# ALYCO WITH THE SPORT







**I. Z. Itziar, T1 20829  
Itziar-Deba (Espagne)**

**Tel +34 943 741 604**

**Fax +34 943 743 588**

**f alycotools.com2015  
in Alyco Tools**

**alyco@alycotools.com  
www.alycotools.com**

