

# DOGHER

*Making Solutions* <sup>®</sup> **TOOLS**



20<sup>23</sup>  
24



# SERVICE

Customer and Technical Service

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**NON-STOP Service**

8:00-19:00



# QUALITY AND R&D

State of the Art Technology and Innovating Processes.



# PREMIUM Service

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**99.9% of the ordered items are dispatched the same day**

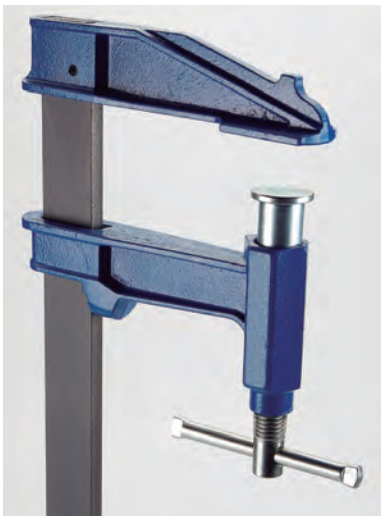






## Screwdrivers

## Tighten Bolts



## Expansion bars

## New Pliers



## New family LAMPS



**NEW**



## Nut Riveters



## Crimping Tools



## Sockets



## Scissors



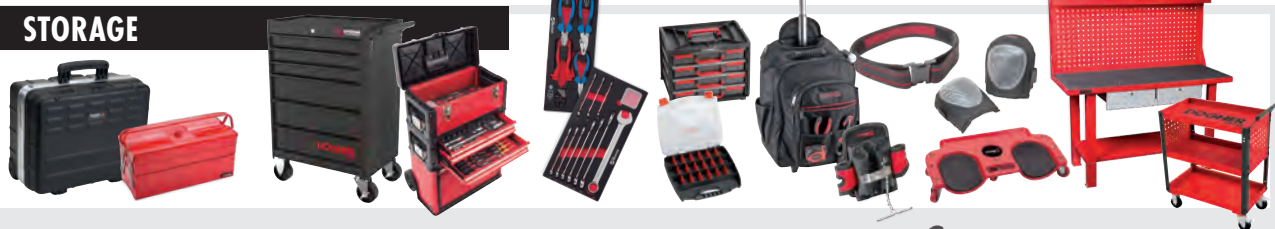
## We increase range in Cutters and Blades





000

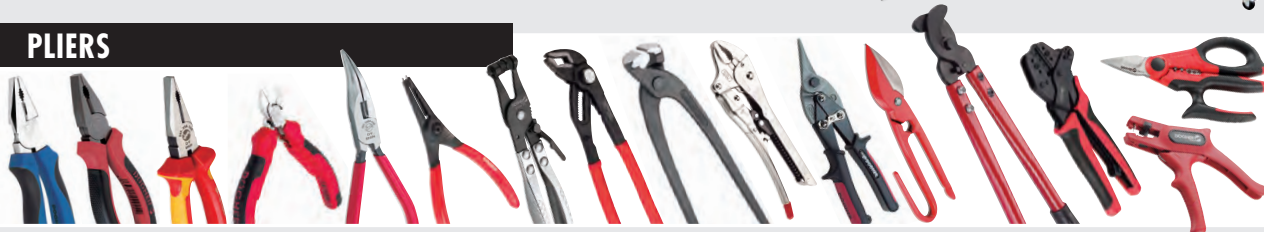
## STORAGE



007

200

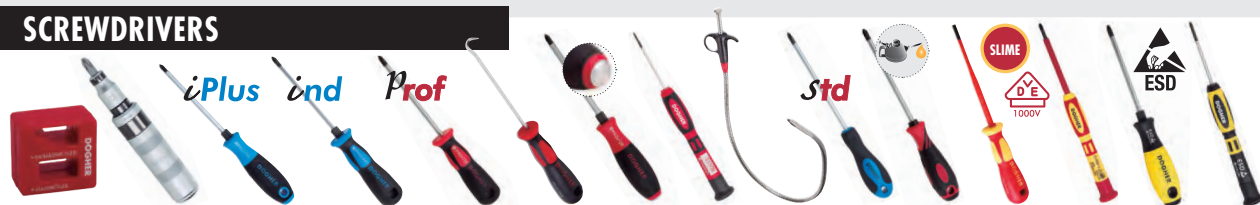
## PLIERS



065

300

## SCREWDRIVERS



121

400

## SCREWDRIVER BITS



165

450

## WRENCHES



187

500

## SOCKETS



245

600

## KEY WRENCHES



327

625

## TORQUE WRENCHES



347

650

## PLUMBING



359

700

## PERCUSSION



369







**GOBOX**  
by DOGHER TOOLS



**TEKBOX**  
by DOGHER TOOLS



**D-BOX**  
by DOGHER TOOLS



**ALUBOX**  
DOGHER TOOLS







**DOGHER**   
 TOOLS  
*Making Solutions*

	8 10 12
	11 13
	16 19
<b>1/4</b> 375 x 140 x 30 mm 	20
<b>1/3</b> 375 x 188 x 30 mm 	26
<b>1/2</b> 375 x 280 x 30 mm 	31
<b>1</b> 375 x 560 x 30 mm 	33
	36 38
	41
	47
	52
	55
	63

**Storage**  
**000**



# Storage

## F1 Series Tool Cabinets



### Tool Cabinets Features



- Reinforced plastic protection around the edges



- Safety Central Locking



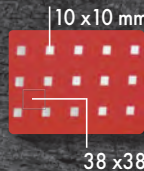
- Fast Lock/Unlock function drawers



- Max. Load for each drawer: 40 - 45 Kg



- Long Life Casters and safety Brakes



- Perforated side pannel



025

### 7 Drawers MONZA Tool Cabinet



- Drawer Dim.:

568 x 398 x 75 mm  
568 x 398 x 154 mm



Max Load.:

- 450 kg Max Load
- 40-45 kg Max. Load for each Drawer



Part N°	€
025-014	1.318,85

**025**

6 Drawers SILVERSTONE Tool Cabinet



6 Drawers



**Silverstone**

• Drawer Dim.:

- 568 x 398 x 75 mm
- 568 x 398 x 154 mm



Max Load.:

- 450 kg Max Load
- 40-45 kg Max. Load for each Drawer



Part N°	€
<b>025-015</b>	<b>1.277,23</b>

**025**

5 Drawers SUZUKA Tool Cabinet



5 Drawers



**Suzuka**

• Drawer Dim.:

- 568 x 398 x 75 mm
- 568 x 398 x 154 mm



Max Load.:

- 450 kg Max Load
- 40-45 kg Max. Load for each Drawer



Part N°	€
<b>025-016</b>	<b>1.198,97</b>



# Storage

GP Series Tool Cabinets



## Tool Cabinets Features



- Max. Load for each drawer: 30 - 35 Kg



- Safety Central Locking



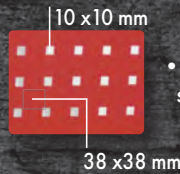
- Fast Lock/Unlock function drawers



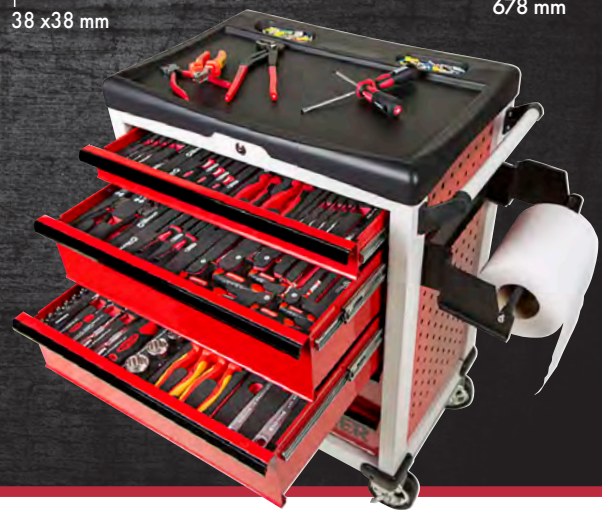
- Reinforced plastic protection around the edges



- Long Life Casters and safety Brakes



- Perforated side panel



025

6 & 7 Drawer GP Tool Cabinet

- Drawers with Anti-Slip Rubber Protection
- Max Load.:
  - 350 kg Max. Load
  - 30-35 kg Max. Load for each Drawer

- Drawer Dim.:
  - 568 x 398 x 75 mm
  - 568 x 398 x 154 mm



7 Drawers

Jerez



6 Drawers

Sepang

Part N°	€
025-017	1.194,65

Part N°	€
025-019	1.149,80

013

Paper Coil Holder / Side Tray



100 x 385 x 200 mm

Part N°	€
013-013	38,94



120 x 320 x 90 mm

Part N°	€
013-014	37,03

**025** Trolley Fixed Wheel



Part N°	€
025-093	30,22
025-095	24,71



**025** Trolley Articulated Wheel



Part N°	€
025-092	38,46
025-094	35,63



**GUIAS** Pair Of Drawing Slides



Part N°	€
GUIAS-F1	27,90



Part N°	€
GUIAS-GP	27,90

**BOMBILLO** Cylinder + 4 Keys



Part N°	€
BOMBILLO-2	33,94



Part N°	€
BOMBILLO-1	11,31

**013** Hook for Tool Storage Board



Double

013-021  
55 x 65 x 65 mm



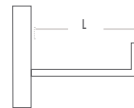
Ring Hook

013-023  
55 x 65 x 30 mm



Simple

013-022  
55 x 25 x 108 mm



L mm	Part N°	€
30	013-023	7,60
65	013-021	6,86
108	013-022	6,82

**013** Rack for Screwdrivers



Valid only for F1 & GP tool cabinets

65 x 200 x 36 mm

L mm	Part N°	€	
6	200	013-024	20,13

**013** 10 Wrenches Support Panel



Valid for F1/ GP Tool Cabinets and Work Bench panels.

149 x 85 x 220 mm

Part N°	€
013-025	26,12



# Storage

**Std**

STD Series Tool Cabinets



**025**

6 Drawer Tool Cabinet SF System



Anti-tilt Security system

**6** Drawers



- Side metal handle for easy transport



- Safety central locking



- Long life casters and safety brakes



**SAFETY SYSTEM**

- anti-tilt security system that allows opening a single drawer at a time.

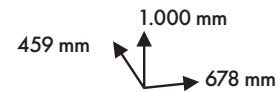
Part N°	€
025-206	957,86

- Drawers with Anti-Slip Rubber Protection
- Max Load.:

- 320 kg Max. Load
- 30-35 kg Max. Load for each Drawer

- Drawer Dim.:

- 568 x 398 x 75 mm
- 568 x 398 x 154 mm



**025**

5, 6 & 7 Drawer STD Tool Cabinet



**MAXIMUM PERFORMANCE**

- Side Metal Handle for easy transport
- High resistance Casters
- Long durability
- Wheel locking system



**7** Drawers



**6** Drawers



**5** Drawers

Part N°	€
025-005	1.038,36

Part N°	€
025-006	930,63

Part N°	€
025-007	827,53

- Drawers with Anti-Slip Rubber Protection

- 320 kg Max. Load
- 30-35 kg Max. Load for each Drawer

- Drawer Dim.: 568 x 398 x 75 mm
- 568 x 398 x 154 mm

**025** 3 Drawer with Bottom Store & 7 Drawer STD Tool Cabinet



**7** Drawers

- Drawer Dim.:  
570 x 410 x 75 mm  
570 x 410 x 154 mm
- Folding Tray
- Blocking Lock



470 mm      1.032 mm  
724 mm

Part N°	€
025-012	938,88 *

\* Until end of stock

- Drawers with Anti-Slip Rubber Protection
- Max Load:

- 320 kg Max. Load
- 30-35 kg Max. Load for each Drawer



**3** Drawers

- Drawer Dim.:  
570 x 410 x 50 mm  
570 x 410 x 130 mm  
570 x 410 x 400 mm
- Bottom storage with separated safety lock

458 mm      995 mm  
680 mm

Part N°	€
025-008	909,07

**025** Trolley Fixed Wheel STD



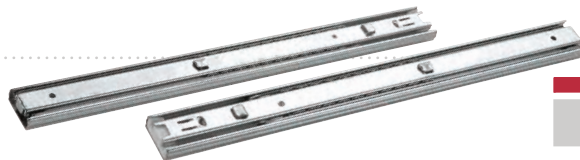
Part N°	€
025-097	19,85

**025** Trolley Articulated Wheel STD



Part N°	€
025-096	30,33

**025** Pair Of Drawing Slides STD




Part N°	€
GUIAS-025-007N	27,90

**013** Metal Dividers Plate



**013** Metal Dividers Guiding Plate



	L mm	L <sub>1</sub> mm	Part N°	€
17	566	22	013-011	11,62

013-010



013-012

	L mm	L <sub>1</sub> mm	Part N°	€
6	375	41	013-010	9,03
5	566	41	013-012	10,32

- Dividers Guiding Plate [013-011](#)

- Horizontal Dividers Plate [013-012](#)
- Vertical Dividers Plate [013-010](#)



\* Valid for F1, GP and STD tool cabinets.



# Storage

## Composition for Tool Cabinet

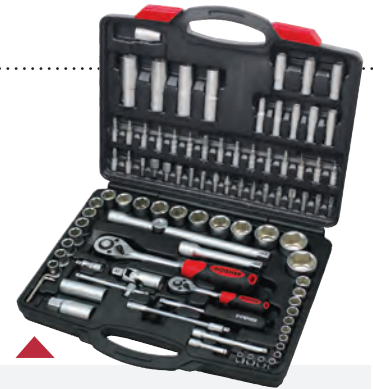
Composition 150 tools



- Eva Foam Trays 1/4 (375 x 140 x 30 mm)  
Content:
- ▶ Ref 205-080: 4 Professional Pliers
  - ▶ Ref 330-080: 5 Professional Screwdrivers
  - ▶ Ref 451-080: 8 Combination Wrenches
  - ▶ Ref 450-080: 8 Double Open Ended Wrenches

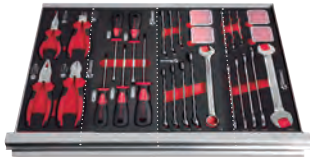


- Eva Foam Trays 1 (375 x 560 x 30 mm)  
Content:
- ▶ Ref 840-080: Multitools



- 94 Pieces Case  
Check Content p. 297
- ▶ Ref 500-030: 1/4" & 1/2" Sockets

Composition 211 tools



- Eva Foam Trays 1/4 (375 x 140 x 30 mm) Content:
- ▶ Ref 205-080: 4 Professional Pliers
  - ▶ Ref 330-080: 5 Professional Screwdrivers
  - ▶ Ref 451-080: 8 Combination Wrenches
  - ▶ Ref 450-080: 8 Double Open Ended Wrenches



- Eva Foam Trays 1 (375 x 560 x 30 mm) Content:
- ▶ Ref 840-080: Multitools



- Eva Foam Trays 1 (375 x 560 x 30 mm) Content:
- ▶ Ref 500-084: Multitools

## 025 Std Tool Cabinet+ Tools

**std**

7 Drawers



025-005

TOOL CABINET + 211 TOOLS

Part N°	€
025-565	2.099,63

6 Drawers



025-006

TOOL CABINET + 211 TOOLS

Part N°	€
025-569	1.991,90

5 Drawers



025-007

TOOL CABINET + 150 TOOLS

Part N°	€
025-567	1.588,65

TOOL CABINET + 211 TOOLS

Part N°	€
025-557	1.888,80

Composition for Tool Cabinet + Tools

**025** F1 Tool Cabinet + Tools



7 Drawers



Monza

TOOL CABINET + 211 TOOLS

Part N°	€
025-564	2.380,13

025-014

6 Drawers

Silverstone



025-015

TOOL CABINET + 211 TOOLS

Part N°	€
025-563	2.338,51



5 Drawers



Suzuka

TOOL CABINET + 150 TOOLS

Part N°	€
025-551	1.960,09

025-016

TOOL CABINET + 211 TOOLS

Part N°	€
025-561	2.260,25

**025** GP Tool Cabinet + Tools



7 Drawers



Jerez

TOOL CABINET + 211 TOOLS

Part N°	€
025-562	2.255,93

025-017

6 Drawers



Sepang

025-019



TOOL CABINET + 150 TOOLS

Part N°	€
025-550	1.910,92

TOOL CABINET + 211 TOOLS

Part N°	€
025-560	2.211,08



# Storage

## Drawer Compositions for Tool Cabinets



025

238 Selected Tools

Assortment of 6 Drawers

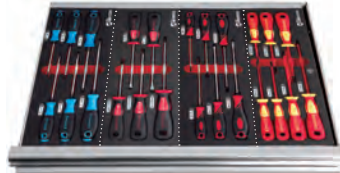
▶ DRAWER 1

220X-080 • 205-080 • 225-080 • 276-080



▶ DRAWER 2

300-081 • 330-081 • 351-081 • 360-080



▶ DRAWER 3

450-080 • 451-080 • 460-080 • 491-080



218 Selected Tools

Assortment of 5 Drawers

▶ DRAWER 1

451-081 • 450-081 • 457-080



▶ DRAWER 2

220X-080 • 205-080 • 491-080 • 330-080



▶ DRAWER 3

840-080



148 Selected Tools

Assortment of 5 Drawers

▶ DRAWER 1

451-081 • 450-081 • 457-080



▶ DRAWER 2

220X-080 • 250-080 • 491-080 • 276-080



▶ DRAWER 3

840-080



162 Selected Tools

Assortment of 4 Drawers

▶ DRAWER 1

220X-080 • 205-080 • 225-080 • 276-080



▶ DRAWER 2

330-084 • 729-080 • 623-080



▶ DRAWER 3

450-080 • 451-080 • 460-080 • 493-080



123 Selected Tools

Assortment of 4 Drawers

▶ DRAWER 1

451-081 • 450-081 • 457-080



▶ DRAWER 2

330-084 • 729-080 • 623-080



▶ DRAWER 3

220X-080 • 205-080 • 491-080 • 276-080

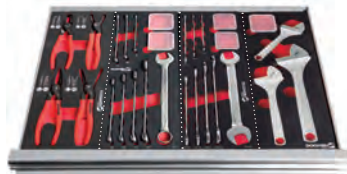


106 Selected Tools

Assortment of 3 Drawers

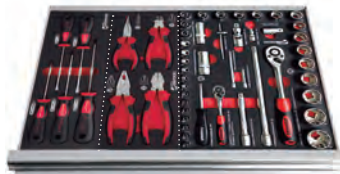
▶ DRAWER 1

220X-080 • 451-080 • 450-080 • 491-080



▶ DRAWER 2

330-080 • 205-080 • 501-080



▶ DRAWER 3

840-080



## Drawer Compositions for Tool Cabinets

► **DRAWER 4**

840-080



► **DRAWER 5**

501-080 • 618-080



► **DRAWER 6**

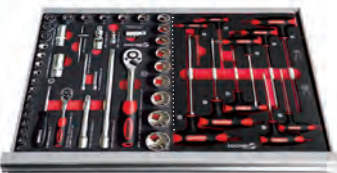
534-080 • 538-080 • 502-080 • 503-080



Part N°	€
025-504	3.253,91

► **DRAWER 4**

501-080 • 618-080



► **DRAWER 5**

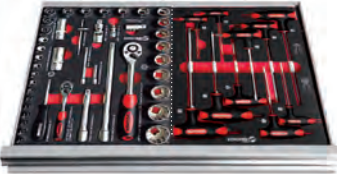
534-080 • 538-080 • 502-080 • 503-080



Part N°	€
025-503	3.079,40

► **DRAWER 4**

501-080 • 618-080



► **DRAWER 5**

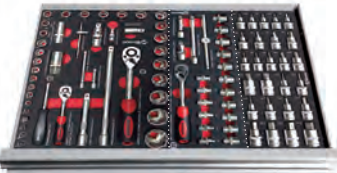
330-084 • 205-081 • 623-080



Part N°	€
025-505	2.352,13

► **DRAWER 4**

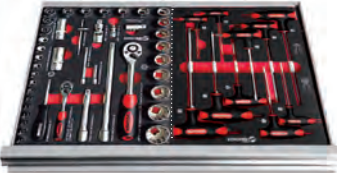
501-080 • 516-080 • 534-080



Part N°	€
025-501	2.384,02

► **DRAWER 4**

501-080 • 618-080



Part N°	€
025-500	2.041,42

Part N°	€
025-502	1.351,08





# Storage

## EVA Foam Trays

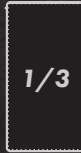


## Interchangeable Tray Sizes to be Combined



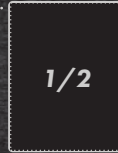
1/4

• Dimensions  
375 x 140 x 30 mm



1/3

• Dimensions  
375 x 188 x 30 mm



1/2

• Dimensions  
375 x 280 x 30 mm



1

• Dimensions  
375 x 560 x 30 mm

## Possible Combinations of Tool Cabinets EVA Foam Trays



**A**



Option **A**



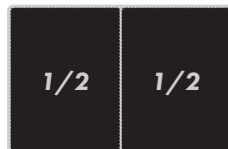
• Descriptive Marking Provides a Quick Search



**B**



Option **B**



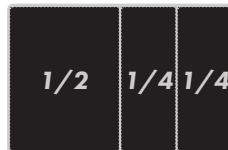
• High Density EVA Foam Provides an Easy Placement of the Tool.



**C**



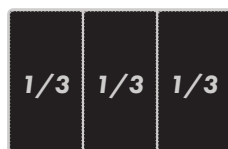
Option **C**



**D**



Option **D**



**E**



Option **E**





**Seiton**

A place for every tool and every tool in its place



• Attachable SEITON Base



**010**

SEITON Case for 1/3 EVA Foam Trays



425 x 230 x 110 mm

**1/3**  
375 x 188 x 30 mm

Part N°	€
010-1/3	32,64

**010**

SEITON Case for 1/4 & 1/2 Foam Trays



425 x 335 x 110 mm

**1/4**  
375 x 140 x 30 mm

Part N°	€
010-1/2	36,39

**1/2**  
375 x 280 x 30 mm

**011**

SEITON Base for 1/3 EVA Foam Trays



425 x 230 x 55 mm

**1/3**  
375 x 188 x 30 mm

Part N°	€
011-1/3	16,33

**011**

SEITON Base for 1/4 & 1/2 Foam Trays



425 x 335 x 55 mm

**1/4**  
375 x 140 x 30 mm

Part N°	€
011-1/2	18,20

**1/2**  
375 x 280 x 30 mm



# EVA Foam Trays



**1/4**  
375 x 140 x 30 mm

Pliers

**200**

High Leverage

**4**  
Pcs



200mm 160mm 160mm 180mm

Part N°	€
200-080	154,28

**205**

Professional

**4**  
Pcs



160mm 180mm 160mm 180mm

Part N°	€
205-080	99,29

**250**

Insulated 1000V

**3**  
Pcs



160mm 160mm 180mm

Part N°	€
250-080	126,71

**276**

Locking Pliers

**3**  
Pcs



125mm • 175mm • 250mm

Part N°	€
276-080	84,50

**220**

Circlip® Pliers

**4**  
Pcs



x180 x180 x180 x180

Part N°	€
220-080	79,53

**220X**

Circlip® Pliers Pro

**4**  
Pcs



x180 x180 x180 x180

Part N°	€
220X-080	125,24

**225**

Mini-Pliers

**4**  
Pcs



125mm 125mm 125mm 125mm

Part N°	€
225-080	78,65

**237**

ESD Mini-Pliers

**4**  
Pcs



125mm 125mm 125mm 125mm

Part N°	€
237-080	91,65

**303**

Industrial Plus

**6**  
Pcs



T10 • T15 • T20 • T25 • T30 • T40

Part N°	€
<b>303-080</b>	<b>59,61</b>

**300**

Industrial Plus

**6**  
Pcs



Milled 3 • 4 • 5 • 6

PH1 • PH2

Part N°	€
<b>300-080</b>	<b>65,26</b>

**300**

Industrial Plus

**6**  
Pcs



Milled 3 • 4 • 5 • 6

PZ1 • PZ2

Part N°	€
<b>300-081</b>	<b>65,26</b>

**315**

Industrial

**5**  
Pcs



Milled 5,5 • 6,5

PH1 • PH2 • PH3

Part N°	€
<b>315-080</b>	<b>53,05*</b>

\* Until end of stock

**315**

Industrial

**5**  
Pcs



Milled 5,5 • 6,5

PZ1 • PZ2 • PZ3

Part N°	€
<b>315-081</b>	<b>51,96*</b>

\* Until end of stock



# EVA Foam Trays



1/4

375 x 140 x 30 mm

Screwdrivers

330

Professional

5 Pcs



Stamped

4,5,5

PH1 • PH2 • PH3



Part N°	€
330-085	44,09

Stamped

5,5 • 6,5

PH1 • PH2 • PH3



Part N°	€
330-080	46,13*

\* Until end of stock

330

Professional

5 Pcs



Stamped

5,5 • 6,5

PZ1 • PZ2 • PZ3

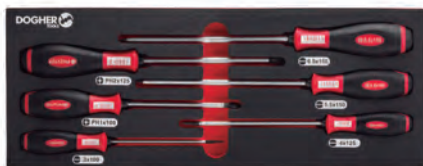


Part N°	€
330-081	47,88

351

Anti-Slip Series

6 Pcs



Milled

3 • 4 • 5,5 • 6,5

PH1 • PH2

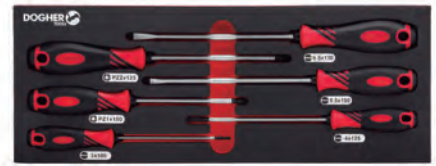


Part N°	€
351-080	48,90

351

Anti-Slip Series

6 Pcs



Milled

3 • 4 • 5,5 • 6,5

PZ1 • PZ2



Part N°	€
351-081	50,08

360

Insulated 1000V

7 Pcs



Milled

3 • 4 • 5,5 • 6,5

PH0 • PH1 • PH2



Part N°	€
360-080	76,97

360

Insulated 1000V

7 Pcs



Milled

3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2



Part N°	€
360-081	77,55

**450**

Double Open Ended Wrenches

**8**  
Pcs



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

Part N°	€
450-080	80,05

**451**

Combination Wrenches

**8**  
Pcs



 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19  
15°

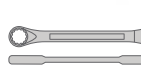
Part N°	€
451-080	90,54

**454**

Double Ring Flat Wrenches

**8**  
Pcs



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

Part N°	€
454-080	116,63

**460**

Double Ended Hex Socket Wrenches

**8**  
Pcs



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

Part N°	€
460-080	181,03

**491**

Spanish Adjustable Wrenches

**3**  
Pcs



 150mm • 200mm • 250mm

Part N°	€
491-080	125,50

**493**

Professional Adjustable Wrenches

**3**  
Pcs



 150mm • 200mm • 250mm

Part N°	€
493-080	94,55



# EVA Foam Trays



**1/4**

375 x 140 x 30 mm

**Sockets**

**500**

Hexagonal Sockets 1/4

**46**  
Pcs

**1/4"**



Universal Joint



Sliding "T" Handle



Part N°

€

**500-081**

**407,73**

Sockets



4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Socket Bits



HX3 • HX4 • HX5  
HX6 • HX7 • HX8



T10 • T15 • T20  
T25 • T30 • T40



PH1 • PH2 • PH3



PZ1 • PZ2

Ratchet Handle



72 teeth

Spinner Handle



Extensions



100 mm  
50 mm

Flexible



145 mm

**501**

Hexagonal & Bihexagonal Sockets 1/4

**46**  
Pcs

**1/4"**



Universal Joint



Sliding "T" Handle



Part N°

€

**501-081**

**407,73**

Sockets



4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Socket Bits



HX3 • HX4 • HX5  
HX6 • HX7 • HX8



T10 • T15 • T20  
T25 • T30 • T40



PH1 • PH2 • PH3



PZ1 • PZ2

Ratchet Handle



72 teeth

Spinner Handle



Extensions



100 mm  
50 mm

Flexible



145 mm

**516**

Hexagonal Sockets 3/8"

**22**  
Pcs

**3/8"**



Part N°

€

**516-080**

**250,23**

Sockets



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22

Ratchet Handle



72 teeth

Extensions



150 mm  
75 mm

Universal Joint



Sliding "T" Handle



**502**

Deep Series 1/4" - 3/8" - 1/2"

**18**  
Pcs



Part N°

€

**502-080**

**231,48**

**1/4"**



4 • 5 • 6 • 7 • 8 • 9 • 10

**3/8"**



10 • 11 • 12 • 13 • 14 • 15

**1/2"**



16 • 17 • 18 • 19 • 22

**503** Torx Sockets 1/4" - 1/2"

**29**  
Pcs



1/4"

E4 • E5 • E6 • E7 • E8

T6 • T7 • T8 • T9 • T10 • T15

1/2"

E10 • E11 • E12 • E14 • E16 • E18 • E20 • E22 • E24

TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50 • TS55 • TS60

Part N°	€
503-080	316,58

**538** Socket Bits 1/2" Long Series

**12**  
Pcs



1/2"

5 • 6 • 7 • 8 • 12 100mm • 5 • 10 140mm

T40 • T55 120mm

8 • 10 • 12 100mm

Part N°	€
538-080	246,96

**534** Socket Bits 1/2"

**26**  
Pcs



1/2"

4 • 5 • 6 • 7 • 8 • 10 • 12 • 14 • 17 • 19

T20 • T25 • T27 • T30 • T40 • T45 • T50 • T55 • T60

5 • 6 • 8 • 10 • 12 • 14 • 16

Part N°	€
534-080	398,47

**7446** Drift Punches

**13**  
Pcs



Part N° 7446  
3x10 6x10  
4x10 8x12  
5x10 10x12

Part N° 750-013

Part N° 7449  
2,5x7 4x8  
3x7 6x10  
3,5x8 8x12

Part N°	€
7446-080	133,05

**700** Hammers

**2**  
Pcs



Part N° 702-320 • 742-35

Part N°	€
700-080	59,05

**010** Organizer EVA Foam Tray



Part N°	€
010-080	40,53



# EVA Foam Trays



1/3

375 x 188 x 30 mm

Pliers & Screwdrivers

205

Professional

4 Pcs



Part N°	€
205-081	121,22

250

Insulated 1000V

4 Pcs



Part N°	€
250-081	182,86

296

Electrician Tray

3 Pcs



Part N°	€
296-080	87,29

330

Insulated 1000V and Professional

10 Pcs



Part N°	€
330-084	98,33

330

Professional

7 Pcs



Part N°	€
330-082	55,02

330

Professional

7 Pcs



Part N°	€
330-083	56,53

**450**

Double Open Ended Wrenches

**10**  
Pcs



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15  
• 16x17 • 18x19 • 20x22 • 21x23 • 24x26

Part N°

€

450-081

115,49

**450**

Double Open Ended Wrenches

**3**  
Pcs



• 25x28 • 27x29 • 30x32

Part N°

€

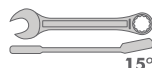
450-082

83,26

**451**

Combination Wrenches

**11**  
Pcs



• 7 • 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19 • 22 • 24

Part N°

€

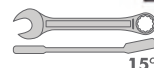
451-082

136,61

**451**

Combination Wrenches

**10**  
Pcs



• 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19 • 22 • 24

Part N°

€

451-081

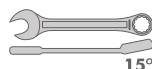
129,91 \*

\* Until end of stock

**451**

Combination Wrenches

**3**  
Pcs



• 27 • 30 • 32

Part N°

€

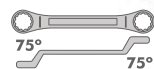
451-083

106,67

**453**

Double Ring Wrenches

**6**  
Pcs



• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Part N°

€

453-080

108,86



# EVA Foam Trays



1/3

375 x 188 x 30 mm

Sockets & Wrenches

455

Double Box 15° Gear Wrenches

9 Pcs



• 8x9 • 10x11 • 12x13  
• 14x15 • 16x18 • 17x19     1/4" • 3/8" • 1/2"

Part N°	€
455-080	294,32

467

Double Flexible Socket Wrenches

6 Pcs



• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Part N°	€
467-080	170,31

457

Combination Gear Wrenches

7 Pcs



• 8 • 10 • 13 • 15 • 17 • 19 • 22  
15°

Part N°	€
457-081	268,33

457

Combination Gear Wrenches

10 Pcs



• 10 • 12 • 13 • 14  
• 15 • 17 • 19     1/4" • 3/8" • 1/2"

Part N°	€
457-080	288,92*

\* Until end of stock

500

Hexagonal Sockets 1/4"

36 Pcs

1/4"



Part N°	€
500-083	340,43

Sockets

5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13

Deep

6 • 8 • 10 • 12 • 13

Socket Bits

HX3 • HX4 • HX5  
HX6 • HX7     4 • 5,5 • 6,5

PH1 • PH2 • PH3     PZ1 • PZ2 • PZ3

Ratchet Handle

72 Teeth

Extensions

100 mm  
50 mm

Spinner Handle

DOGHER

Palm Driver

Universal Joint

Sliding "T" Handle

Folding Key Set

1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8

**530**

**Bihexagonal Sockets 1/2"**

**27**  
Pcs

**1/2"**



Part N°	€
530-080	341,00

Sockets

 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22 • 23 • 24 • 27 • 30 • 32

Ratchet Handle

 72 Teeth

Extensions

 250 mm  
125 mm

Universal Joint



3-Way Adapter

 3/8" ▶ ◀ 1/2" (524-021)

Spark Plug Sockets

 16 • 21

**531**

**Hexagonal Sockets 1/2"**


**27**  
Pcs

**1/2"**



Part N°	€
531-080	341,00

Sockets

 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22 • 23 • 24 • 27 • 30 • 32

Ratchet Handle

 72 Teeth

Extensions

 250 mm  
125 mm

Universal Joint



3-Way Adapter

 3/8" ▶ ◀ 1/2" (524-021)

Spark Plug Sockets

 16 • 21

**570**

**Impact Sockets 1/2"**

**25**  
Pcs

**1/2"**



Part N°	€
570-080	416,59

Impact Sockets

 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 20 • 21 • 22 • 24

Deep

 17 • 19 • 21 • 22 • 24

Colour Impact Sockets

 17 • 19 • 21

Extension

 125 mm

Universal Joint





# EVA Foam Trays



**1/3**

375 x 188 x 30 mm

Impact Sockets, Wrenches & Hammers

**572**

Impact Sockets 1/2"

**23**  
Pcs

1/2"



Impact Sockets

E10 • E12 • E14 • E16 • E18 • E20 • E24

T25 • T27 • T30 • T40 • T45 • T50 • T55 • T60

5 • 6 • 8 • 10 • 12 • 14 • 17 • 19

Part N°

€

572-080

541,34

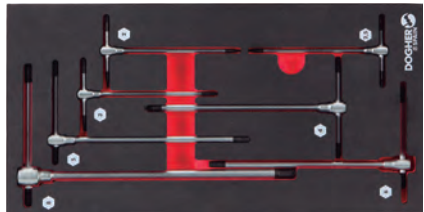
**623**

3 Way T-Type Sliding Hex Key Wrench

**7**  
Pcs



S2



Part N°

€

623-080

180,88



2 • 2,5 • 3 • 4 • 5 • 6 • 8

**728**

Percussion

**9**  
Pcs



Rubber Hammer Fiberglass Handle



35 mm

Fitters Hammer Hickory Handle



35 mm

Long Drift Punch

Part N° 7446

3x10    6x10

4x10    8x12

5x10    10x12

Cold Chisel

13x23x30x250

**729**

Percussion

**9**  
Pcs



Rubber Hammer Fiberglass Handle



35 mm

Rivior Hammer Fiberglass Handle



35 mm

Long Drift Punch

Part N° 7446

3x10    6x10

4x10    8x12

5x10    10x12

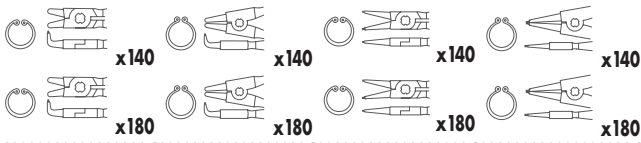
Cold Chisel

13x23x30x250

**220X**

Circlip® Pliers Pro

**8**  
Pcs

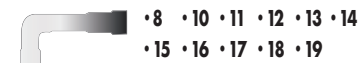
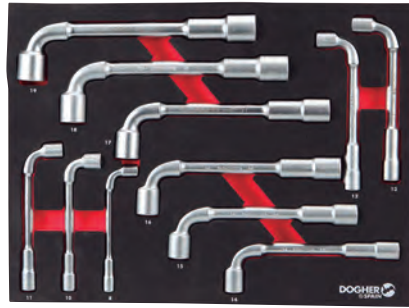


Part N°	€
220X-081	247,59

**462**

6x6 Angled Open Socket Wrenches

**11**  
Pcs



Part N°	€
462-080	234,61

**500**

Hexagonal or Bihexagonal Sockets 1/4" - 1/2"

**43**  
Pcs



Sockets	Part N°	€
Hexagonal	500-080	487,51
Bihexagonal	501-080	487,51

**1/2"** Socket 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18  
19 • 20 • 21 • 22 • 24 • 27 • 30 • 32

Ratchet Handle 72 teeth

Universal Joint

**1/4"** Socket 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Ratchet Handle 72 teeth

Universal Joint

Spinner Handle

Spark Plug 16 • 21

Extensions 250 mm  
125 mm

3-Way Adapter 3/8" ▶ 1/2" (524-021)

Extensions 100 mm  
50 mm

Sliding "T" Handle 115 mm



# EVA Foam Trays



1/2

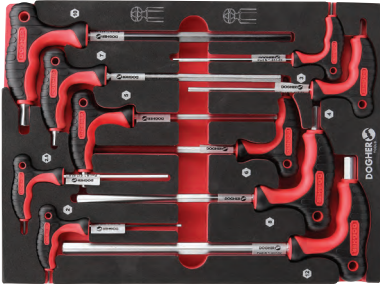
375 x 280 x 30 mm

T-Handles & Locking Pliers

617

Hex

10  
Pcs



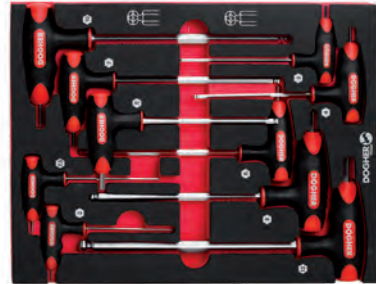
2 • 2,5 • 3 • 4 • 5 • 6 • 7 • 8 • 10 • 12

Part N°	€
617-080	170,05

618

Ball Nose Hex

10  
Pcs



2 • 2,5 • 3 • 4 • 5 • 6 • 7 • 8 • 10 • 12

Part N°	€
618-080	171,10

620

Torx Tamper

10  
Pcs



TS9 • TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50

Part N°	€
620-080	145,67

275

Locking Pliers

4  
Pcs



Part N° 275F-010 • 275F-011 • 275F-012 • 275F-013

Part N°	€
275F-080	357,40

700

Percussion

3  
Pcs



Part N° 7310-50 • 700-680 • 7331-35

Part N°	€
700-085	147,92

795

Electrician Tray

5  
Pcs



Part N° 795-002 • 296-132 • 296-152 • 296-060 • 204-200

Part N°	€
795-080	215,19

500

Multitools Foam

**155**  
Pcs



375 x 560 x 30 mm

Part N°	€
500-084	448,45

9  
Pcs



Key Wrench Set  
Extra Long Ball Nose Hex

(605-009)



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

1/4"

Ratchet Handle 72 teeth



(510-001)

Spinner Handle



(509-017)

Extensions



150 mm (509-007)  
50 mm (509-006)

Hexagonal Shank Socket Adaptor



1/4" > 1/4" (509-019)

Universal Joint



(509-009)

Square Drive Bit Holders



1/4" > 1/4" (509-012)

1/4"

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

1/4"

1/4"

4 • 5,5 • 7 • 8 • 10 • 11 • 13

1/2"

Ratchet Handle 72 teeth



(544-001)

Square Drive Bit Holders



1/2" > 5/16" (543-018)

Extensions



125 mm (543-003)  
75 mm (543-002)

Square Drive Bit Holders



1/2" > 1/4" (543-028)

Universal Joint



(543-009)

1/2"

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 19 • 22 • 24 • 25 • 27 • 30

1/2"

1/2"

10 • 11 • 13 • 17 • 19

1/4"

Screwdriver Bits 1/4" • 25 mm

PH0 • PH1 • PH2 • PH3 • PH4

HX1,5 • HX2 • HX2,5 • HX3  
HX4 • HX5 • HX6 • HX8 • HX10

PZ0 • PZ1 • PZ2 • PZ3 • PZ4

R1 • R2 • R3

3 • 3,5 • 4 • 4,5 • 5 • 5,5 • 6 • 6,5 • 8

TS10 • TS15 • TS20  
TS25 • TS27 • TS30 • TS40

T5 • T6 • T7 • T8 • T9 • T10  
T15 • T20 • T25 • T27 • T30 • T40

1/4"

Screwdriver Bits 1/4" • 50 mm

PH1 • PH2 • PH3 • PH4

HX2 • HX2,5 • HX3  
HX4 • HX5 • HX6 • HX8

PZ1 • PZ2 • PZ3 • PZ4

R1 • R2 • R3

3 • 3,5 • 4 • 4,5 • 5 • 5,5 • 6 • 6,5 • 8

T5 • T6 • T7 • T8 • T9 • T10 • T15  
T20 • T25 • T27 • T30 • T40

5/16"

Screwdriver Bits 5/16" • 30 mm

T40 • T45 • T50 • T55



# EVA Foam Trays



1

EVA Foam Trays

375 x 560 x 30 mm

840

Multitools Foam

31  
Pcs



375 x 560 x 30 mm

Part N°	€
840-080	296,82



740-35

700-455

775-03

789-001

804-200

804B-200

840-050 x 10 ud.

7446-04

7446-05

7446-06

605-009

296-006

840-001

269-240

2200

Automotive Pliers

6  
Pcs



Part N° 2200-005 • 2200-010 • 2200-011  
2200-012 • 2200-30 • 2200-25

Part N°	€
2200-080	360,15

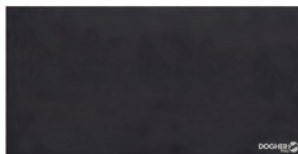
1 (375 x 560 x 30 mm)

014

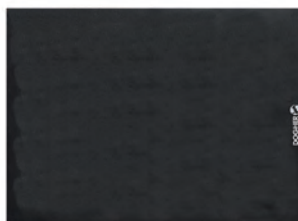
EVA Foam Trays Without Milled Shape



1/4 375 x 140 x 30 mm



1/3 375 x 188 x 30 mm



1/2 375 x 280 x 30 mm



1 375 x 560 x 30 mm

Part N°	€
014-1/4	19,14

Part N°	€
014-1/3	27,41

Part N°	€
014-1/2	39,04

Part N°	€
014-1	60,87

### 1/4: 375 x 140 x 30 mm

<b>200-080</b>	200-180 / 202-160 / 201-160 / 207-200	<b>20</b>	<b>303-080</b>	303-T10 / 303-T15 / 303-T20 / 303-T25 / 303-T30 / 303-T40	<b>21</b>
<b>205-080</b>	205-180 / 208-160 / 212-160 / 212-180		<b>300-080</b>	300-030-100 / 300-040-125 / 300-050-125 / 300-060-150 / 301-PH1-100 / 301-PH2-125	
<b>250-080</b>	250-180 / 251-160 / 255-160		<b>300-081</b>	300-030-100 / 300-040-125 / 300-050-125 / 300-060-150 / 302-PZ1-100 / 302-PZ2-125	
<b>276-080</b>	276-125 / 276-175 / 276-250		<b>315-080</b>	315-055-125 / 315-065-150 / 317-PH1-100 / 317-PH2-125 / 317-PH3-150	
<b>220-080</b>	220-180 / 221-180 / 222-180 / 223-180		<b>315-081</b>	315-055-125 / 315-065-150 / 318-PZ1-100 / 318-PZ2-125 / 318-PZ3-150	
<b>220X-080</b>	220X-180 / 221X-180 / 222X-180 / 223X-180		<b>330-085</b>	330-040-100 / 330-055-125 / 334-PH1-100 / 334-PH2-125 / 334-PH3-150	
<b>225-080</b>	225-125 / 227-125 / 230-125 / 231-125		<b>330-081</b>	330-055-125 / 330-065-125 / 337-PZ1-100 / 337-PZ2-125 / 337-PZ3-150	
<b>237-080</b>	237-125 / 239-125 / 242-125 / 243-125		<b>351-080</b>	351-030-100 / 351-040-125 / 351-055-150 / 351-065-150 / 352-PH1-100 / 352-PH2-125	
<b>500-081</b>	46 Pcs	<b>24</b>	<b>351-081</b>	351-030-100 / 351-040-125 / 351-055-150 / 351-065-150 / 353-PZ1-100 / 353-PZ2-125	<b>22</b>
<b>501-081</b>	46 Pcs		<b>360-080</b>	360-030-100/360-040-100/360-055-125/360-065-150/361-PH0-060/361-PH1-080/361-PH2-100	
<b>516-080</b>	22 Pcs		<b>360-081</b>	360-030-100/360-040-100/360-055-125/360-065-150/362-PZ0-060/362-PZ1-080/362-PZ2-100	
<b>502-080</b>	18 Pcs		<b>450-080</b>	450-06-07 / 450-08-09 / 450-10-11 / 450-12-13 / 450-14-15 / 450-16-17 / 450-18-19 / 450-20-22	
<b>503-080</b>	29 Pcs	<b>25</b>	<b>451-080</b>	451-08 / 451-10 / 451-11 / 451-12 / 451-13 / 451-14 / 451-17 / 451-19	<b>23</b>
<b>534-080</b>	26 Pcs		<b>454-080</b>	454-06-07 / 454-08-09 / 454-10-11 / 454-12-13 / 454-14-15 / 454-16-17 / 454-18-19 / 454-20-22	
<b>538-080</b>	12 Pcs		<b>460-080</b>	460-06-07 / 460-08-09 / 460-10-11 / 460-12-13 / 460-14-15 / 460-16-17 / 460-18-19 / 460-20-22	
<b>010-080</b>	010-080		<b>491-080</b>	491-150 / 491-200 / 491-250	
<b>700-080</b>	702-320 / 731-35		<b>493-080</b>	493-150 / 493-200 / 493-250	
<b>7446-080</b>	7446-03 / 7446-04 / 7446-05 / 7446-06 / 7446-08 / 7446-10 / 7449-02,5 / 7449-03 / 7449-03,5 / 7449-04 / 7449-06 / 7449-08 / 750-013				

### 1/3: 375 x 188 x 30 mm

<b>205-081</b>	205-180 / 208-160 / 212-160 / 269-240				<b>26</b>
<b>250-081</b>	250-180 / 251-160 / 255-160 / 258-240				
<b>296-080</b>	296-051 / 296-003 / 296-056				
<b>330-084</b>	330-040-100 / 330-055-125 / 330-065-150 / 334-PH1-100 / 334-PH2-125 / 360-040-100 / 360-055-125 / 360-065-150 / 361-PH1-080 / 361-PH2-100				
<b>330-082</b>	330-030-075 / 330-040-100 / 330-055-125 / 330-065-150 / 334-PH0-075 / 334-PH1-100 / 334-PH2-125				
<b>330-083</b>	330-030-075 / 330-040-100 / 330-055-125 / 330-065-150 / 337-PZ0-075 / 337-PZ1-100 / 337-PZ2-125				
<b>450-081</b>	450-06-07 / 450-08-09 / 450-10-11 / 450-12-13 / 450-14-15 / 450-16-17 / 450-18-19 / 450-20-22 / 450-21-23 / 450-24-26				
<b>450-082</b>	450-25-28 / 450-27-29 / 450-30-32				
<b>451-082</b>	451-07 / 451-08 / 451-10 / 451-11 / 451-12 / 451-13 / 451-14 / 451-17 / 451-19 / 451-22 / 451-24	<b>27</b>			
<b>451-083</b>	451-27 / 451-30 / 451-32				
<b>453-080</b>	453-08-09 / 453-10-11 / 453-12-13 / 453-14-15 / 453-16-17 / 453-18-19				
<b>457-081</b>	457-08 / 457-10 / 457-13 / 457-15 / 457-17 / 457-19 / 457-22				
<b>467-080</b>	467-08-09 / 467-10-11 / 467-12-13 / 467-14-15 / 467-16-17 / 467-18-19	<b>28</b>			
<b>500-083</b>	36 Pcs				
<b>455-080</b>	455-08-09 / 455-10-11 / 455-12-13 / 455-14-15 / 455-16-18 / 455-17-19 / 476-1/4-10 / 476-3/8-13 / 476-1/2-19				
<b>530-080</b>	27 Pcs		<b>572-080</b>	23 Pcs	
<b>531-080</b>	27 Pcs	<b>29</b>	<b>623-080</b>	623-02 / 623-02,5 / 623-03 / 623-04 / 623-05 / 623-06 / 623-08	<b>30</b>
<b>570-080</b>	25 Pcs		<b>728-080</b>	9 Pcs	
			<b>729-080</b>	9 Pcs	

### 1/2: 375 x 280 x 30 mm

<b>220X-081</b>	220X-140 / 221X-140 / 222X-140 / 223X-140 / 220X-180 / 221X-180 / 222X-180 / 223X-180				<b>31</b>
<b>462-080</b>	462-08 / 462-10 / 462-11 / 462-12 / 462-13 / 462-14 / 462-15 / 462-16 / 462-17 / 462-18 / 462-19				
<b>500-080</b>	43 Pcs				
<b>501-080</b>	43 Pcs				
<b>617-080</b>	617-02 / 617-02,5 / 617-03 / 617-04 / 617-05 / 617-06 / 617-07 / 617-08 / 617-10 / 617-12	<b>32</b>	<b>275F-080</b>	275F-010 / 275F-011 / 275F-012 / 275F-013	<b>32</b>
<b>618-080</b>	618-02 / 618-02,5 / 618-03 / 618-04 / 618-05 / 618-06 / 618-07 / 618-08 / 618-10 / 618-12		<b>700-085</b>	7310-50 / 700-680 / 7331-35	
<b>620-080</b>	620-TS09 / 620-TS10 / 620-TS15 / 620-TS20 / 620-TS25 / 620-TS27 / 620-TS30 / 620-TS40 / 620-TS45 / 620-TS50		<b>795-080</b>	795-002 / 296-132 / 296-152 / 296-060 / 204-200	

### 1: 375 x 560 x 30 mm

<b>500-084</b>	155 Pcs			<b>33</b>
<b>840-080</b>	31 Pcs			<b>34</b>
<b>2200-080</b>	2200-005 / 2200-010 / 2200-011 / 2200-012 / 2200-30 / 2200-25			<b>34</b>

• Please contact us to check contents of EVA foam trays with sockets

# Storage

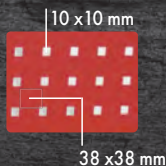
Light Duty Trolleys & Work Benches



## Metallic Trolleys Dogher Tools

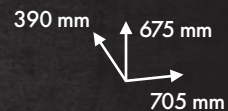
Maximum Performance:

- Perforated side pannel
- Long Life Casters
- 2 Driving wheels with brakes



Max. Load:

- 50 kg Floor
- 150 kg Max. Load



**025**

Trolley 3 Floors



Part N°	€
025-028	301,25

**025**

Trolley 3 Floors & 1 Drawer



Part N°	€
025-029	369,85



**027**

**2 Drawer Metal Work Bench with Tool Storage Board**



Part N°	€
<b>027-004</b>	<b>1.327,47</b>

Max. Load:

- 530 kg Top Board + Tool-keeper Board
- 300 kg Bottom Board
- 35 kg Drawer
- 900 kg Total Load

**027**

**3 Drawer Metal Work Bench**



Part N°	€
<b>027-001</b>	<b>1.280,58</b>

Max. Load

- 245 kg Top Board
- 150 kg Bottom Board
- 35 kg Drawer
- 500 kg Total Load

# Storage

## Modular Trolleys



051

### 3 Floor Trolley



300 mm  
720 mm  
490 mm

- Maximum performance
- 3 Removable modules
  - 1 Tool box
  - 2 High capacity drawers
  - 1 Folding chest

SOLUTIONS  
3 IN 1



Part N°	€
051-002	319,95

INTERMODULE COUPLINGS  
Stronger, avoids uncomfortable oscillations



SAFETY LOCKS  
Double Metal Safety Lock



PADLOCK CLOSING  
POSSIBILITY



051

### 3 Floor Trolley + 47 Tools



300 mm  
720 mm  
490 mm

27  
Pcs

1/2"



531-080

Sockets

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17  
18 • 19 • 20 • 21 • 22 • 23 • 24 • 27 • 30 • 32

72 Teeth



Extensions  
250 mm  
125 mm

Universal Joint



• 3/8" • 1/2" (524-021)

3-Way Adapter

Spark Plug Sockets

16 • 21

10  
Pcs



450-081



6x7 • 8x9 • 10x11 • 12x13 • 14x15  
16x17 • 18x19 • 20x22 • 21x23 • 24x26

10  
Pcs



330-084

Milled

4 • 5,5 • 6,5

PH1 • PH2

Stamped

4 • 5,5 • 6,5

PH1 • PH2

**051**

Metal Trolley

- 1 Tool box with portable tray inside
- 2 drawers
- 1 High capacity folding chest
- Removable telescopic rear handle

Part N°	€
<b>051-008</b>	<b>192,49</b>



265 mm  
550 mm  
410 mm



SAFETY LOCKS  
Double Metal Safety Lock



**051**

Metal Trolley

- 1 Tool box with portable tray inside
- 4 drawers (2 High capacity drawers)
- Removable telescopic rear handle

Part N°	€
<b>051-009</b>	<b>202,79</b>



265 mm  
550 mm  
410 mm



SAFETY LOCKS  
Double Metal Safety Lock





# Storage

## Modular Trolleys



**051**

**3 Floor Trolley**



505 x 330 x 835 mm

Part N°	€
<b>051-004</b>	<b>181,85</b>

- 1 Tool Box
- 3 High Capacity Drawers
- 1 Folding Chest
- High Resistance Plastic Wheels

**051**

**2 Floor Trolley**



485 x 310 x 635 mm

Part N°	€
<b>051-005</b>	<b>113,29</b>

- 1 Tool Box
- 1 High Capacity Chest
- Round Organizer
- Frontal Nylon Bag

# Storage

## GOBOX Waterproof Trolley



Watertight and perfectly sealed thanks to the exclusive neoprene "O" ring and to the purge valve, these cases grant an absolute protection to your tools. Made of resistant lightweight resin, they are provided with strong locks and a useful and ergonomic handle. They are ideal for use in the harshest environments, such as industrial, aeronautical, military and nautical fields.

- 9,5 kg Weight
- 80 kg Max Load

### Empty

Part N°	€
051-010	742,26



## 051

Waterproof, Professional Composition

**139**  
Pcs

Part N°	€
051-510	2.564,60

	205-180		212-160		220-001		2,5 · 3 · 4 · 5 · 6 · 8		650-250		796-002
	269-180		269-240		271-250		4 · 4,5 · 5 · 5,5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14		509-009		509-001
	296-006		296-056		491-250		4,5 · 5,5 · 7 · 8 · 10 · 11 · 13		509-013		509-014
	8x9 · 10x11 · 12x13 · 17x19 · 18x19 · 22x24 · 27x30		2,5 · 3 · 4		5,5 · 8		PH1 · PH2		PZ1 · PZ2		509-017
	1,8x50		PH00x50		396-001		510-001		544-001		543-002
	7449-04-10		3 · 4 · 5 · 8 · 10		509-012		10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 · 21 · 22 · 23 · 24 · 25 · 26 · 27 · 28 · 29 · 30 · 32		543-003		543-005
	778-03		798-003		798-004		13 · 17 · 19 · 22 · 24		543-009		543-012
	789-001		881-50		797-150		16 · 21		543-009		543-014
	7 · 8 · 10 · 11 · 13 · 17 · 19 · 22 · 24 · 27		605-009		830-022		700-455		7310-35		840-001
	930-001		700-455		7310-35		840-001				



- Waterproof and airtight (IP 67)
- Interstackable
- Corrosionproof, sandproof and dustproof
- Shockproof and crushproof
- Temperature rating -40°C/+90°C
- Ergonomic handle, rubber coated grip
- Jam free latches with user-friendly opening mechanism
- Corrosion proof metal hinges with lid stay features
- Automatic pressure release valve
- Sealing O-ring
- External sizes: 568 x 467 x 274 mm / Internal sizes: 546x 392 x 233 mm
- Lid depth: 54 mm / Base depth: 179 mm



**051**

Waterproof Trolley, Electrician Composition

**139**  
Pcs

Part N°	€
051-511	2.812,85

	269-240		271-250		275-250	1/4"		4	4,5	5	5,5	6	7	8	9	10	11	12	13	14				
	605-009		650-250		796-002			4,5	5,5	7	8	10	11	13		509-009								
	2,5		3		4		5		6		8			509-001		509-003		509-008		1/4"		3/8"	509-011	
	250-180		255-160		220-001		296-005		296-056		495-250		509-012		509-013		509-014							
	8x9		10x11		12x13		17x19		18x19		22x24		27x30											
	2,5		3		4		5		8		PH1		PH2		PZ1		PZ2							
	1,5		PH00		396-001																			
	7449-04-10		3		4		5		8		10													
	778-03		798-003		798-004																			
	789-001		881-50		797-150																			
	7		8		10		11		13		17		19		22		24		27					
1/2"		10		11		12		13		14		15		16		17		18		19		20		21
		22		23		24		25		26		27		28		29		30		32				
	13		17		19		22		24		16		21		543-028									
	543-003		543-005		543-009																			
	543-012		543-013		543-014																			
	700-455		7310-35		840-001																			
	830-022		930-001																					



# Storage

GOBOX Waterproof Trolley



- 9,5 kg Weight
- 80 kg Max Load

Empty

Part N°	€
051-010	742,26

051

Waterproof Trolley, Electrician Composition

67 Pcs

Part N°	€
051-512	2.558,80



- |  |                         |  |                   |  |              |
|--|-------------------------|--|-------------------|--|--------------|
|  | 250-180                 |  | 255-160           |  | 251-160      |
|  | 254-160                 |  | 257-160           |  | 258-240      |
|  | 296-005                 |  | 296-025           |  | 296-026      |
|  | 296-022                 |  | 495-250           |  | 4.5-6<br>7-8 |
|  | 2,5-3-4-5,5-8           |  | PH1-PH2           |  | PZ1-PZ2      |
|  | 1,5                     |  | PH00              |  | PHFL2        |
|  | 3-4-5-6-8               |  | 10-13-14-17-19-22 |  |              |
|  | 10-11-13-14-17-19-22-24 |  |                   |  |              |



5331-001  
P. 326

# Storage

## TEKBOX Suitcase



051

PROFESSIONAL suitcase



ANTI  
CORROSION



HIGH AND LOW  
TEMPERATURES RESISTANCE



SHOCK  
RESISTANT



**TEKBOX**  
by DOGHER TOOLS



Part N°	€
051-016	567,79

465 x 352 x 255 mm

- Injected Moulded Polypropylene
- Ergonomic handle for easy carrying
- High resistance wheels
- 2 keys double locks
- Identify external label
- Removable tool holders
- Low compartment with adjustable and removable dividers
- High resistance metallic hinges



### Accessories for TEKBOX Suitcase



	Part N°	€
2 Lockers with 4 keys	051-160C	59,65
Handle with rivets	051-160R	48,67
3 External Hinges	051-161R	48,10
2 Arm supports	051-162R	37,32
Internal fastening strip	051-163R	20,72
Internal locking handles	051-164R	24,63
Base Dividers	051-165R	27,30
2 Castors	051-166R	65,31
Telescopic handle	051-167R	142,19
Upper tool holder panel with elastic	051-168R	120,41
Lower tool holder panel with elastic	051-169R	96,56



**051**

Great capacity PROFESSIONAL compact suitcase



ANTI  
CORROSION



HIGH AND LOW  
TEMPERATURES RESISTANCE



SHOCK  
RESISTANT

**D-BOX**  
by DOGHER TOOLS



Part N°	€
<b>051-015</b>	<b>449,45</b>

430 x 320 x 190 mm

- Injected Moulded Polypropylene
- Extremely light
- Ergonomic handle for easy carrying
- High resistance wheels
- Side locks with keys
- Metallic supports to fix the tool holders
- Superior strip for documents
- 2 organizers included
- Removable tool holders



**Accessories for D-BOX Suitcase**



051-150R

051-153R

051-154R

051-155R

051-156R

051-157R

051-167R

051-166R

051-157R

	Part N°	€
Upper cover support	<b>051-150R</b>	<b>26,07</b>
Base Dividers	<b>051-153R</b>	<b>30,64</b>
Upper panel	<b>051-154R</b>	<b>120,41</b>
2 Lockers with 4 keys	<b>051-155R</b>	<b>80,56</b>
Handle with rivets	<b>051-156R</b>	<b>48,67</b>
Lower panel	<b>051-157R</b>	<b>96,56</b>
2 Castors	<b>051-166R</b>	<b>65,31</b>
Telescopic handle	<b>051-167R</b>	<b>142,19</b>



# Storage

AluBOX Aluminium Suitcase



## Aluminium Suitcase + 85 Industrial Quality Tools



Light and very resistant Aluminium Suitcase with metallic protections at the corners. Double locking key and bi-material handle.

Supporting points in both sides to place the suitcase on any type of surface without damaging.

Two trays inside the suitcase, a mobile one and a fixed one on top side to store tools.

The mobile tray is joined with the suitcase by means of 3 strong hinges; it can also be adjusted to two positions through a belt fixed to the top side.



051

## Aluminium Suitcase + 85 Industrial Quality Tools

85 Pcs

Part N°	€
051-520	839,28

Empty

Part N°	€
051-020	111,16

EXTERNAL 465 x 375 x 165 mm  
INTERNAL 445 x 337 x 96 mm

SUITCASE KEY

Part N°	€
051-020L	1,09



Light and very resistant Aluminium Suitcase including 85 professional tools.

Inside the suitcase the tools are stored in three emplacements:

- Fixed tray
- Both sides of the mobile tray. By means of the belt it can be fixed in two positions.
- High density foam tray placed on the base.

		8 • 10 • 12 • 13 • 14 • 15 • 16 • 17 18 • 19 • 21 • 22 • 24 • 27 • 30 • 32		544-001 1/2"		543-003		701-455		655-250		052-014		438-001
		491-250		605-009		8 • 10 • 11 • 12 • 13 • 14 • 17 • 19		269-240		296-006		205-180		
		3x75 • 5,5x125		PH2x125		PZ2x125		789-001		396-001		785-001		
		212-180		208-160		778-05		470-001						

**051**

Roller Tool Box



750 x 650 x 440 mm



Part N°	€
<b>051-007</b>	<b>225,69*</b>

2 Floors

- Double Metal Safety Lock

\* Until end of stock

**051**

Roller Tool Box



620 x 370 x 420 mm



Part N°	€
<b>051-006</b>	<b>148,80</b>

3 Accessory Organizers



# Storage

## Tool Boxes



026

Professional Metal Tool Box + 50 Industrial Quality Tools



Part N°	€
026-500	748,56

1 Professional Metal Tool Box:

- Ref:026-001 Metal Box included

5 High Capacity Trays

- 30 kg Maximum Total Load

495 x 200 x 230 mm

026

50 Industrial Quality Tools



- |           |           |                |             |               |               |               |            |
|-----------|-----------|----------------|-------------|---------------|---------------|---------------|------------|
| 1 205-180 | 5 296-006 | 9 605-009      | 334-PH1-100 | 11 701-455    | 746-04-10     | 14 776-03     | 18 840-002 |
| 2 212-180 | 6 296-021 | 10 330-055-100 | 334-PH2-125 | 12 783-02-400 | 746-05-10     | 15 789-002    | 19 026-001 |
| 3 271-225 | 7 491-250 | 331-040-125    | 337-PZ1-100 | 13 749-06-12  | 755-12-10-200 | 16 792-02-200 |            |
| 4 268-250 | 8 451-002 | 331-065-150    | 337-PZ2-125 | 746-03-10     | 754-04-16-250 | 17 830-021    |            |



**026** Professional Metal Tool Box



5 High Capacity Trays  
• 30 kg Max. Total Load

495 x 200 x 230 mm

Part N°	€
<b>026-001</b>	<b>97,36</b>

**026** Professional Metal Tool Box



3 High Capacity Trays  
• 30 kg Max. Total Load

495 x 200 x 180 mm

Part N°	€
<b>026-002</b>	<b>76,90</b>

**026** Professional Metal Tool Box Long Series



5 High Capacity Trays  
• 30 kg Max. Total Load

550 x 200 x 208 mm

Part N°	€
<b>026-005</b>	<b>108,78</b>

**026** Professional Metal Tool Box



1 Tray  
2 Drawers  
• Double Metal Safety Lock  
• 30 kg Max. Total Load

510 x 218 x 250 mm

Part N°	€
<b>026-003</b>	<b>131,75</b>

# Storage

## Tool Boxes



**050**

### High Capacity Tool Box



- 1 Portable Tray Inside
- Double Metal Safety Lock

650 x 275 x 265 mm

Part N°	€
<b>050-007</b>	<b>78,66</b>



**050**

### Tool Box

- 1 Portable Tray Inside
- 3 Accessory Organizers
- Metal Safety Lock



490 x 262 x 250 mm

Part N°	€
<b>050-010</b>	<b>47,20</b>

**050**

### Tool Box

- 1 Portable Tray Inside
- 2 Accessory Organizers
- Metal Safety Lock



410 x 230 x 200 mm

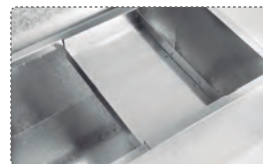
Part N°	€
<b>050-009</b>	<b>31,30</b>

**028**

Galvanized Sheet Chests, with Metal Safety Lock



L mm	Maximum Load	Part N°	€
<b>555 x 230 x 210</b>	40	<b>028-002</b>	<b>159,90</b>
<b>759 x 327 x 250</b>	50	<b>028-003*</b>	<b>270,75</b>
<b>1.144 x 367 x 380</b>	50	<b>028-004*</b>	<b>334,77</b>
<b>1.429 x 502 x 476</b>	60	<b>028-005*</b>	<b>582,95</b>



\* Tray Included

**028**

High Density Polypropylene Chest with Wheels



ANTI-CORROSION



HIGH AND LOW TEMPERATURES RESISTANCE



SHOCK RESISTANT



780 x 410 x 330 mm

Part N°	€
<b>028-020</b>	<b>321,73</b>

Part N°	€
---------	---

Extendable handle	<b>028-200R</b>	<b>51,24</b>
Center handle	<b>028-201R</b>	<b>59,84</b>
2 Castors	<b>028-202R</b>	<b>65,31</b>
Lock with fixing bar	<b>028-203R</b>	<b>29,36</b>



- High resistance trunk
- Light weight and high load capacity
- Able for outdoor use.
- Front handle
- High resistance wheels
- Closure option with locks.
- Stackable
- Ideal for construction / maintenance / transport



028-200R



028-201R



028-202R



028-203R



# Storage

## Metal Tool Chest & Organizers



**028**

Metal Tool Chest



668 x 316 x 386 mm



Part N°	€
<b>028-001</b>	<b>520,77</b>

1 Top Tray  
6 Drawers

• 5 kg Drawer Max. Total Load

**052**

Organizer Box



Part N°		€
<b>052-002</b>	18 x 4	<b>50,29*</b>

• Top Tray

\* Until end of stock  
279 x 184 x 254 mm

**052**

Organizer Chest



Part N°		€
<b>052-003</b>	13 x 4	<b>121,23</b>

• 4 Organizers Included

**052-010**

377 x 265 x 310 mm



**052**

Column Organizer



Part N°		€
<b>052-005</b>	42	<b>75,82</b>

380 x 165 x 440 mm

**052**

Solid Handle Organizer



Part N°		€
<b>052-006</b>	15	<b>16,44</b>

• Removable Organizing Cases

210 x 338 x 62 mm

**052**

Medium Capacity Solid Handle Organizer



Part N°		€
<b>052-007</b>	17	<b>31,70</b>

• Removable Organizer Cases

420 x 335 x 62 mm

**052**

High Capacity Solid Handle Organizer



Part N°		€
<b>052-008</b>	8	<b>43,80*</b>

• Removable Organizer Cases

\* Until end of stock

420 x 334 x 115 mm

**052**

Simple Organizer



Part N°		€
<b>052-009</b>	8	<b>9,65</b>

• Removable Organizer Cases

240 x 195 x 55 mm

**052**

High Capacity Mobile Handle Organizer



Part N°		€
<b>052-010</b>	13	<b>21,53</b>

• Removable Organizer Cases

340 x 250 x 60 mm

**052**

Solid Handle Organizer



Part N°		€
<b>052-011</b>	21	<b>13,04</b>

• Adjustable Compartments

320 x 260 x 50 mm

**052**

Medium Capacity Solid Handle Organizer



Part N°		€
<b>052-012</b>	21	<b>21,05*</b>

• Adjustable Compartments

\* Until end of stock

380 x 310 x 60 mm

# Storage

## Organizers



**052**

High Capacity Solid Handle Organizer

Part N°		€
<b>052-013</b>	24	<b>33,95</b>

- Adjustable Compartments
- 480 x 380 x 80 mm



**052**

High Capacity Organizer



Part N°		€
<b>052-016</b>	24	<b>14,60*</b>

- Adjustable Compartments
- \* Until end of stock
- 382 x 234 x 48 mm

**052**

Organizer



Part N°		€
<b>052-014</b>	18	<b>5,57</b>

- Adjustable Compartments
- 230 x 125 x 35 mm

**052**

Double Organizer



Part N°		€
<b>052-018</b>	30	<b>21,53*</b>

- Adjustable Compartments
- \* Until end of stock
- 320 x 260 x 80 mm

**052**

High Capacity Double Organizer



Part N°		€
<b>052-019</b>	36	<b>27,15</b>

- Adjustable Compartments
- 380 x 290 x 80 mm



# Storage

## Tool Holsters



### 075 Electrician Tool Holster



Nylon

- Heavy duty Nylon knitting



HQ

- Hard Wearing Premium Leather



- Rivets Reinforced



- Including chain for insulating tape and flexometer holster

160 x 155 x 50 mm

Part N°	€
075-014	36,78

### 075 Tool Holster for General Purpose



- 2 Side pockets for longer tools

235 x 175 x 70 mm

Part N°	€
075-017	45,88

### 075 Knife Cutter and Tool Holster



210 x 125 x 55 mm

Part N°	€
075-018	22,62

### 075 Nylon Tool Holster with Hammer Holder



- Metal Holster for Hammers and Tapes



165 x 145 x 110 mm

Part N°	€
075-019	17,86

# Storage

## Tool Holsters



**075**

Tool Holster (Left and Right Handed)



- Compartments for bits and drills

290 x 170 x 85 mm

Part N°	€
<b>075-007</b>	<b>44,83*</b>

\* Until end of stock

**075**

Measuring Tape Holster



- 3 to 10 m. measuring tapes

165 x 120 x 75 mm

Part N°	€
<b>075-011</b>	<b>17,16</b>

**075**

Universal Electrician Tool Holster



315 x 250 x 140 mm

Part N°	€
<b>075-002</b>	<b>54,21</b>

- Specific storage for screwdrivers, pliers and cutters

**075**

Special Tool Holster for Carpenter



- Metal Holster for Hammers and Tapes



270 x 265 x 155 mm

Part N°	€
<b>075-006</b>	<b>56,89</b>

**076**

Universal Tote



- High storage capacity perfect for professional purposes
- Shoulder Strap for Comfortable carrying
- Specific pockets for tools both inside and outside



290 x 185 x 220 mm

Part N°	€
<b>076-006</b>	<b>55,56</b>



**075**

Nylon Holster with Tie for Tools



140 x 200 x 150 mm

Part N°	€
<b>075-021</b>	<b>24,01 *</b>

\* Until end of stock

**075**

Tool and Nail Holster



210 x 180 x 110 mm

Part N°	€
<b>075-016</b>	<b>29,38 *</b>

• Special Metal Hanger for Hammers

\* Until end of stock

**075**

Multi-Function Tool and Drilling Holster



280 x 255 x 160 mm

Part N°	€
<b>075-001</b>	<b>48,38 *</b>

• Special hangers for power tools, hammers, measuring tapes and screwdrivers

**075**

Professional Hammer Holster



195 x 115 x 70 mm

Part N°	€
<b>075-013</b>	<b>22,26 *</b>

\* Until end of stock



# Storage

## Tool Holsters



**075**

### Belt for Heavy Duties

- Protect your back from lumbar overloads



- Includes:

- 1 unit Multifunction lumbar belt Ref: 075-009
- 1 unit Tool Holster Ref: 075-007
- 1 unit Holster for Tools and nails Ref: 075-004
- 1 unit Hanger for Hammer
- 1 unit Holster for mobile



340 x 865 mm

Part N°	€
075-015	127,35

**075**

### Multi-Functions Belt for Heavy Duties



- Complete your belt with the large range of Holsters and Tool Holsters



140 x 865 mm

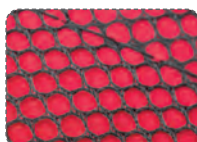
Part N°	€
075-009	38,16

**075**

### Quick Release Belt



- Breathable fabric
- Quick adjusting closure
- Velcro tape included
- Special design for sleeves and bags



1340 x 50 mm

Part N°	€
075-010	23,30

**076**

Professional Composition



15 • 20 kg Max Load

410 x 295 x 240 mm

Part N°	€
<i>Empty</i>	
<b>076-004</b>	<b>79,70</b>

- Maximum Performance:
- Specific compartments for every kind of tools
- High Storage Capacity
- Zipper opening for easy access inside
- Specific pocket for organizer 052-014
- Reinforced Ergonomic Carrying Handle
- Adjustable Belts



COMPOSITION 1:

Rucksack + 1 Organizer + 32 Tools



Part N°	€
<b>076-500</b>	<b>458,84</b>

COMPOSITION 2:

Rucksack + 1 Organizer + 29 Tools



410 x 295 x 240 mm

Part N°	€
<b>076-501</b>	<b>433,73</b>

- |           |           |            |            |
|-----------|-----------|------------|------------|
| 1 205-180 | 5 268-250 | 9 701-455  | 13 052-014 |
| 2 212-160 | 6 450-001 | 10 491-300 | 14 789-002 |
| 3 296-006 | 7 330-001 | 11 785-003 | 15 076-004 |
| 4 296-021 | 8 605-009 | 12 777-05  |            |

- |           |           |                  |            |
|-----------|-----------|------------------|------------|
| 1 250-180 | 5 296-050 | 9 396-001        | 13 785-003 |
| 2 255-160 | 6 296-054 | 10 605-009       | 14 777-05  |
| 3 296-006 | 7 296-055 | 11 701-455       | 17 052-014 |
| 4 296-021 | 8 360-001 | 12 755-12-10-250 | 16 789-002 |
|           |           |                  | 15 076-004 |



# Storage

## Rucksack with Wheels



- Maximum Performance:
- Specific Compartments for each tool.
- Large Storage Capacity
- Zipper Opening for Easy Access Inside
- Reinforced Ergonomic Handle
- Telescopic Arm
- Adjustable Belts

Empty

Part N°	€
---------	---

076-014 | 166,75

360 x 275 x 500/1050 mm

• 25 kg Max Load



COMPOSITION 1:  
Rucksack + 1 Organizer + 32 Tools



Part N°	€
076-520	545,89

COMPOSITION 2:  
Rucksack + 1 Organizer + 29 Tools



Part N°	€
076-521	520,78

- |           |           |            |            |
|-----------|-----------|------------|------------|
| 1 205-180 | 5 268-250 | 9 701-455  | 13 052-014 |
| 2 212-160 | 6 450-001 | 10 491-300 | 14 789-002 |
| 3 296-006 | 7 330-001 | 11 785-003 | 15 076-014 |
| 4 296-021 | 8 605-009 | 12 777-05  |            |

- |           |           |                  |            |
|-----------|-----------|------------------|------------|
| 1 250-180 | 5 296-050 | 9 396-001        | 13 785-003 |
| 2 255-160 | 6 296-054 | 10 605-009       | 14 777-05  |
| 3 296-006 | 7 296-055 | 11 701-455       | 17 052-014 |
| 4 296-021 | 8 360-001 | 12 755-12-10-250 | 16 789-002 |
|           |           |                  | 15 076-014 |



**076**

Tool Wrap With Handle



- Reinforced ergonomic carrying handle
- 18 Versatile compartments
- Adjustable belts

350 x 85 x 195 mm

Part N°	€
<b>076-003</b>	<b>49,81</b>

**076**

Tool Bag Gate Mouth 20"



- Rigid opening for an easy use
- High storage capacity
- Water resistant inner lining

520 x 250 x 290 mm

Part N°	€
<b>076-012</b>	<b>78,95</b>

# Storage

## Tool Holsters



**076**

Heavy Duty Case for Tools



505 x 265 x 295 mm

Part N°	€
<b>076-007</b>	<b>124,13*</b>

\* Until end of stock

**076**

Nylon Universal Open Tool Box



410 x 215 x 335 mm

Part N°	€
<b>076-002</b>	<b>76,71</b>

**076**

Heavy Duty Nylon Universal Tool Box



- High Storage Capacity
- Resistant lining with specific pockets
- Handle and Shoulder Strap for Comfortable carrying
- Fast opening with buckle fastening

515 x 185 x 170 mm

Part N°	€
<b>076-001</b>	<b>99,04</b>

**076**

Bucket Tote



• Bucket Not Included

- High storage capacity for hand and power tools
- 18 Versatile compartments
- Adjustable belts appropriate for any bucket

470 x 320 mm

Part N°	€
<b>076-009</b>	<b>32,14 *</b>

\* Until end of stock

**075**

Light Duty Knee Pads

- Breathable fabric
- Quick adjusting closure
- Velcro tape included
- Ultra resistant plastic coverage



Part N°	€/Pair
<b>075-023</b>	<b>35,22</b>



# Storage

## Knee Blades & Magnetic Holder



075

### Knee Blades with 5 Wheels



- Structure manufactured in high resistance polyethylene.
- 50mm diameter and 17mm wide wheels
- Knee protectors made of high density foam including:
  - Front holder for tools
  - Central magnetized holder for tools
- Suitable for any kind of workshop and works on the flooring such as cleaning, parquet and tiling installation.



525 x 255 x 90 mm

Part N°	€
075-028	94,00

075

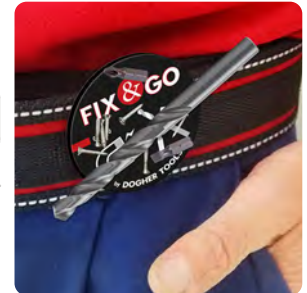
### Magnetic Holder

- Ø 60 mm
- 10 Kg
- 



Part N°	€
075-030	13,49

- 10 Kg. Maximum holding force
- RVS Trousers clip
- Magnet type: ceramic



• Magnetic support made with a ferrite magnet and a rear clip to hook in pockets, belts...  
 Its simple and sturdy design enables the daily work, it allows the fixation of bolts, nails, drills and any other metallic tools. The maximum load is 10 Kg.  
 Thanks to this tool you can work safely in any situation: in a ladder, subsoil, at height...  
 Great utility in lots of applications and working areas as construction, engineering, plumbing, gardening , crafts



Part N°	€
075-030J	107,94



**DOGHER**  
 ® TOOLS  
*Making Solutions*



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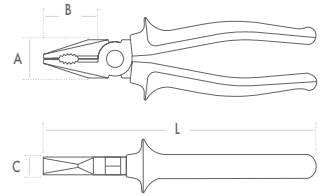
# Pliers 200

# Pliers & Pincers

## High Leverage Series



• Hanging unit packaging available



200

### High Leverage Combination Plier

CrV 62HRc

Bimaterial Handle



L mm	A mm	B mm	C mm		Part N°	€
160	23	32	10	5	200-160	25,47
180	26	36	12	5	200-180	25,92
200	29	40	13	5	200-200	28,51

201

### High Leverage Diagonal Cutting Plier

CrV 62HRc

Bimaterial Handle



L mm	A mm	B mm	C mm		Part N°	€
160	22	21	10	5	201-160	25,29
180	24	26	11	5	201-180	27,50

202

### High Leverage Long Nose Plier

CrV 62HRc

Bimaterial Handle



L mm	A mm	B mm	C mm		Part N°	€
160	16	49	9	5	202-160	30,22
200	18	76	10	5	202-200	34,62

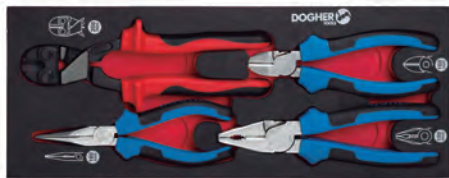


**200**

High Leverage

**4**  
Pcs

Cr-V



1/4 (375 x 140 x 30 mm)



Part N°	€
200-080	154,28

**EXP**

High Leverage  
Combination Pliers

**5**  
Pcs

Cr-V

62HRc



Part N°	€
200-160J	127,35

**EXP**

High Leverage  
Diagonal Cutting Pliers

**5**  
Pcs

Cr-V

62HRc



Part N°	€
201-160J	126,45



160 x 190 x 125 mm

# Pliers & Pincers

Professional Series



## TOP Plier

The new range of pliers designed by the Engineering Department of Dogher. Handles are provided of an ergonomic design, bi-material and comfortable to touch. The external lines have been designed to procure a non-slip effect. Both sides of the handle have holes to set up anti-fall devices. The jaws are chromium vanadium forged and oil tempered. Subsequently the parts suffering bigger efforts (cutting elements) have been submitted to hardening induction. The traditional chromium plating used in jaw finish is now replaced by a new and more attractive treatment with a superior resistance to oxidation.



CrV  
62HRc



205

Professional Combination Plier

CrV  
62HRc



Bimaterial Handle

L mm	A mm	B mm	C mm		Part N°	€
130	23	31	9	5	205-130	17,98*
160	25	35	10	5	205-160	20,58
180	27	38	10	5	205-180	22,12
200	30	41	11	5	205-200	22,76

\* Until end of stock

212

Professional Combination Plier

CrV  
62HRc



Bimaterial Handle

L mm	A mm	B mm	C mm		Part N°	€
160	22	21	10	5	212-160	21,87
180	24	26	11	5	212-180	23,48

206

Professional Raised Head Combination Plier

CrV  
62HRc



Bimaterial Handle

L mm	A mm	B mm	C mm		Part N°	€
160	25	35	11	5	206-160	27,38*
180	24	41	12	5	206-180	30,32*
200	30	41	12	5	206-200	33,27*

\* Until end of stock



**208**

Professional Long Nose Plier

CrV  
**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>140</b>	17	38	9	5	<b>208-140</b>	<b>21,64*</b>
<b>160</b>	16	49	9	5	<b>208-160</b>	<b>22,57</b>
<b>200</b>	18	76	10	5	<b>208-200</b>	<b>26,43</b>

\* Until end of stock

**209**

Professional Bent Nose Plier

CrV  
**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	44	9	5	<b>209-160</b>	<b>22,57</b>
<b>200</b>	18	76	10	5	<b>209-200</b>	<b>26,43</b>

**210**

Professional Flat Nose Plier

CrV  
**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	49	9	5	<b>210-160</b>	<b>22,57</b>

**211**

Professional Round Nose Plier

CrV  
**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	50	9	5	<b>211-160</b>	<b>22,57</b>



# Pliers & Pincers

Professional Series



214

Professional End Cutting Plier

CrV  
62HRc



L mm	A mm	B mm	C mm		Part N°	€
160	31	7	25	5	214-160	29,92*
180	39	8	29	5	214-180	30,97*
200	39	10	32	5	214-200	31,46*

\* Until end of stock

215

Professional Wire Stripping Plier

CrV  
62HRc



L mm	A mm	B mm	C mm		Part N°	€
160	18	37	10	5	215-160	28,31

216

Professional Double Leverage Combination Plier

CrV  
62HRc



L mm	A mm	B mm	C mm		Part N°	€
200	25	33	11	4	216-200	51,28

- ERGONOMIC HANDLE
- Highest level of tightening
  - Decreased risk of injury
  - Locking tab

217

Professional Double Leverage Diagonal Cutting Plier

CrV  
62HRc



L mm	A mm	B mm	C mm		Part N°	€
180	25	12	11	4	217-180	51,28

- ERGONOMIC HANDLE
- Highest level of tightening
  - Decreased risk of injury
  - Locking tab

**210**

3 pliers Set Zipping

**3**

Pcs



180 mm



160 mm



160 mm

Cr-V

62HRc

Part N°	€
210-002	72,81



**EXP**

Professional  
Combination Pliers

**5**

Pcs



Cr-V

62HRc

Part N°	€
205-160J	102,90

**EXP**

Professional  
Diagonal Cutting Pliers

**5**

Pcs



Cr-V

62HRc

Part N°	€
212-160J	109,35



160 x 190 x 125 mm

**205**

Professional

**4**

Pcs



Cr-V

62HRc

1/4 (375 x 140 x 30 mm)

**205**

Professional

**4**

Pcs



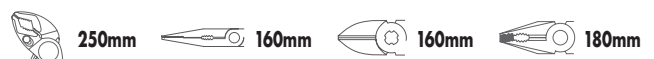
Cr-V

62HRc

1/3 (375 x 188 x 30 mm)



Part N°	€
205-080	99,29



Part N°	€
205-081	121,22

# Pliers & Pincers

Professional Series



**205P**

Professional Combination Plier PVC Handle

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	25	35	10	5	<b>205P-160</b>	<b>17,98</b>
<b>180</b>	27	38	10	5	<b>205P-180</b>	<b>18,56</b>
<b>200</b>	30	41	11	5	<b>205P-200</b>	<b>19,00</b>

**208P**

Professional Long Nose Plier PVC Handle

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	49	9	5	<b>208P-160</b>	<b>19,85</b>

**209P**

Professional Bent Nose Plier PVC Handle

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	44	9	5	<b>209P-160</b>	<b>19,85</b>

**210P**

Professional Flat Nose Plier PVC Handle

CrV

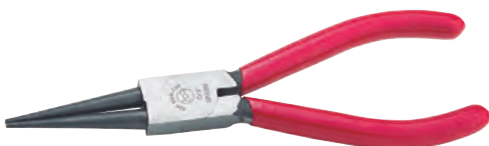


L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	49	9	5	<b>210P-160</b>	<b>19,41</b>

**211P**

Professional Round Nose Plier PVC Handle

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	16	50	9	5	<b>211P-160</b>	<b>19,64</b>





**212FP**

Professional Sharp Edge Diagonal Cutting Plier PVC Handle

CrV



- Precision Cutting
- Flat Cutting
- 15° of inclination

L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	22	21	10	5	<b>212FP-160</b>	<b>24,69</b>
<b>180</b>	24	26	11	5	<b>212FP-180</b>	<b>26,55</b>

**212P**

Professional Diagonal Cutting Plier PVC Handle

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	22	21	10	5	<b>212P-160</b>	<b>18,14</b>
<b>180</b>	24	26	11	5	<b>212P-180</b>	<b>19,49</b>

**207**

Double Leverage Diagonal Plier

CrV

64 HRc



L mm	A mm	B mm	C mm		Part N°	€
<b>200</b>	36	18	6	4	<b>207-225</b>	<b>50,99</b>

- Spring Joint. Automatic opening.
- Multiplies the Cutting Force with Less Effort

Cutting Capacity:

- 3,8 mm Piano Wire
- 6 mm Steel Wire



**207**

Double Leverage Diagonal Plier

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>200</b>	36	18	6	4	<b>207-200</b>	<b>63,60</b>

ERGONOMIC HANDLE

- Highest level of tightening
- Decreased risk of injury

# Pliers & Pincers

## Hose Clamp Pliers

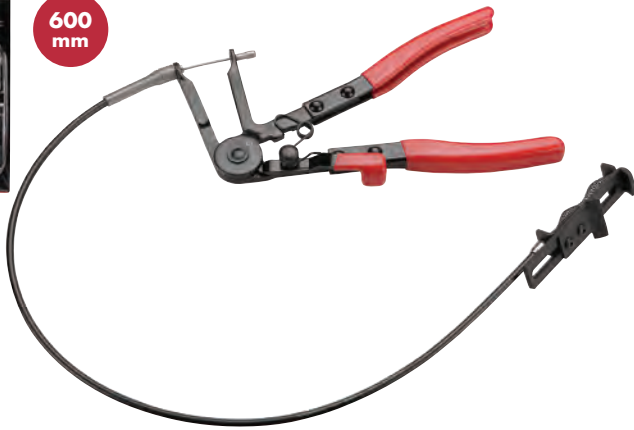


**2200**

Universal Hose Clamp Remover



**600 mm**



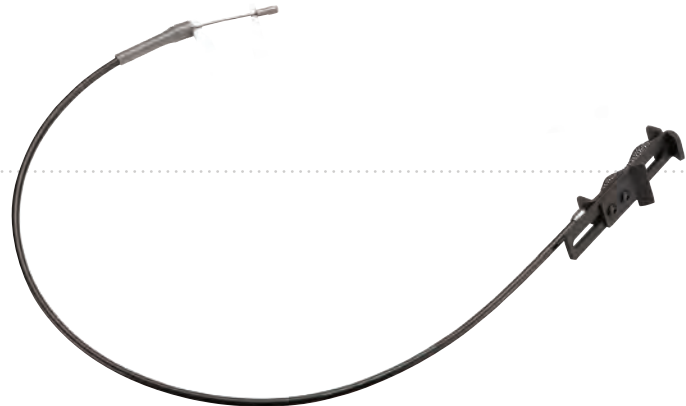
Part N°	€
<b>2200-005</b>	<b>109,75</b>

- Cable length 600 mm
- Retention trigger keeps hose clamp open for an easy installation or removal, even in places with limited access.
- Long reach plier to remove or lock open hose clamps in hidden areas and long distance.
- Suitable for hose clamps on fuel, oil and water hose.
- Working range: 10-63 mm
- Practical lock system for free hand works.

**2200**

Repair Kit  
Universal Hose Clamp Remover

Part N°	€
<b>2200-005R</b>	<b>48,05</b>



**2200**

Hose Pinching Plier



L mm	Part N°	€
<b>155</b>	<b>2200-010</b>	<b>9,97</b>
<b>185</b>	<b>2200-011</b>	<b>12,43</b>
<b>250</b>	<b>2200-012</b>	<b>16,97</b>

- Suitable to pinch flexible hoses off.
- Applications: Fuel supplying chains, heaters, cooling systems, radiators, brakes,...
- Practical jaws adjusting system for one-handed use.

**2200**

Hose Clamp Plier



**215 mm**

**8,5"**



Part N°	€
<b>2200-20</b>	<b>49,07</b>

- Slotted & swivel jaws for positive holding of both large and small hose clamps at any angle.
- Made of high performance alloy steel.
- Maximum jaws opening: 45 mm
- Ratchet action keeps jaws closed in 5 different positions.

**2200**

45° Angle Hose Clamp Plier



190 mm

7,5"



Part N°	€
2200-25	51,29

- Suitable for releasing and refitting reusable CLIC and CLIC-R hose clips.
- 45° offset execution allows easier work in limited access places.
- Flexible heads allow easier work in limited access places.
- Angled head and 360° flexible jaws.
- Non-slip red dipped PVC handle.
- Compatible with:  
Volkswagen · Audi · Citroën · Peugeot · Fiat · Mercedes · Opel · Renault

**2200**

Automatic Hose Clamp Plier



275 mm

10,8"



Part N°	€
2200-30	129,74



- For spring loaded clamps with flat norma and muhr and bender section used on refrigeration circuit sleeves.
- V shaped jaws make hose clamp installation easier.
- Maximum jaws opening: 12-55 mm
- Safety lock.
- PVC handle.

**2200**

PSA Exhaust Clamp Plier



306 mm

12"



Part N°	€
2200-35	67,29



- This plier keeps spring loaded clamps open when the exhaust is installed or replaced.
- Maximum jaws opening: 55 mm
- Made of high performance alloy steel.
- Ratchet action keeps Jaws closed in 8 different positions.
- Non-slip red dipped PVC handle.

**2200**

Wheel Balancing Plier



240 mm

9.1/2"



Part N°	€
2200-40	25,24

- Plier used to remove wheel balancing weights.
- To tighten and loose spring loaded.
- To loose, cut and fix balancing weights.
- Blade makes possible to split balancing weights.
- Made of high performance alloy steel.
- Non-slip red dipped PVC handle.

**2200**

Automotive Pliers

**6**  
Pcs  
CrV  
**62HRc**



1 (375 x 560 x 30 mm)

Part N°	€
2200-080	360,15

Part N° 2200-005 · 2200-010 · 2200-011  
2200-012 · 2200-30 · 2200-25



# Pliers & Pincers

Seeger Circlip® Pliers Pro



## Circlip®



- Reinforced tips
- Higher resistance and durability

**220X**

Straight Tips External Circlip® Plier Pro



L mm	Ø Min. mm	Ø Max. mm	Ø <sub>1</sub> mm		Part N°	€
<b>140</b>	3	10	0,9	1	<b>220X-140</b>	<b>27,90</b>
<b>140</b>	10	25	1,3	1	<b>220X-155</b>	<b>24,92</b>
<b>180</b>	19	60	1,8	1	<b>220X-180</b>	<b>29,10</b>
<b>240</b>	40	100	2,3	1	<b>220X-220</b>	<b>33,64</b>
<b>330</b>	85	140	3,2	1	<b>220X-300</b>	<b>55,57</b>

**221X**

Bent Tips External Circlip® Plier Pro



L mm	Ø Min. mm	Ø Max. mm	Ø <sub>1</sub> mm		Part N°	€
<b>130</b>	3	10	0,9	1	<b>221X-140</b>	<b>27,90</b>
<b>130</b>	10	25	1,3	1	<b>221X-155</b>	<b>25,40</b>
<b>170</b>	19	60	1,8	1	<b>221X-180</b>	<b>28,69</b>
<b>220</b>	40	100	2,3	1	<b>221X-220</b>	<b>34,26</b>
<b>315</b>	85	140	3,2	1	<b>221X-300</b>	<b>55,57</b>

**222X**

Straight Tips Internal Circlip® Plier Pro



L mm	Ø Min. mm	Ø Max. mm	Ø <sub>1</sub> mm		Part N°	€
<b>140</b>	8	13	0,9	1	<b>222X-140</b>	<b>27,90</b>
<b>140</b>	12	25	1,3	1	<b>222X-155</b>	<b>25,40</b>
<b>180</b>	19	60	1,8	1	<b>222X-180</b>	<b>29,10</b>
<b>230</b>	40	100	2,3	1	<b>222X-220</b>	<b>33,64</b>
<b>320</b>	85	140	3,2	1	<b>222X-300</b>	<b>55,57</b>

**223X**

Bent Tips Internal Circlip® Plier Pro



L mm	Ø Min. mm	Ø Max. mm	Ø <sub>1</sub> mm		Part N°	€
<b>125</b>	8	13	0,9	1	<b>223X-140</b>	<b>27,90</b>
<b>125</b>	12	25	1,3	1	<b>223X-155</b>	<b>25,40</b>
<b>170</b>	19	60	1,8	1	<b>223X-180</b>	<b>29,10</b>
<b>220</b>	40	100	2,3	1	<b>223X-220</b>	<b>34,57</b>
<b>300</b>	85	140	3,2	1	<b>223X-300</b>	<b>55,57</b>

**220X**

Nylon pouch 4 Circlip® Pliers Pro

**4**  
Pcs

CrV



(225 x 300 mm)



∅ Min. 19 ∅ Max. 60

Part N°	€
220X-001	123,24

**220X**

Set Zipping 4 Circlip® Pliers Pro

**4**  
Pcs

CrV



(290 x 215 mm)



∅ Min. 19 ∅ Max. 60

Part N°	€
220X-002	125,24

**220X**

Set Zipping 4 Circlip® Pliers Pro

**4**  
Pcs

CrV



(290 x 215 mm)



∅ Min. 12 ∅ Max. 25

Part N°	€
220X-004	110,37

**220X**

Circlip® Pliers Pro

**4**  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



Part N°	€
220X-080	125,24

**220X**

Circlip® Pliers Pro

**8**  
Pcs

CrV



1/2 (375 x 280 x 30 mm)



Part N°	€
220X-081	247,59

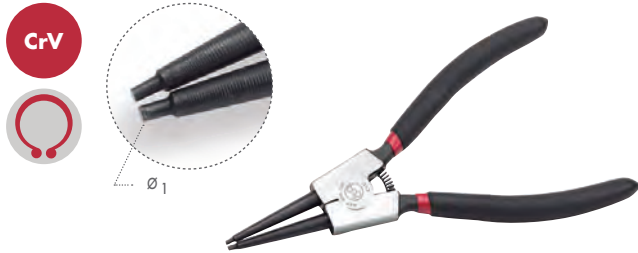
# Pliers & Pincers

## Seeger Circlip® Pliers



220

Straight Tips External Circlip® Plier



L mm	Ø Min. mm	Ø Max. mm	Ø1 mm		Part N°	€
155	12	25	1,7	10	220-155	15,33
180	19	60	1,9	10	220-180	17,57
220	40	100	2,3	10	220-220	19,93
300	85	165	3,5	10	220-300	31,42

221

Bent Tips External Circlip® Plier



L mm	Ø Min. mm	Ø Max. mm	Ø1 mm		Part N°	€
155	10	25	1,7	10	221-155	15,33
180	19	60	1,9	10	221-180	17,57
220	40	100	2,3	10	221-220	19,93
300	85	165	3,5	10	221-300	31,42

222

Straight Tips Internal Circlip® Plier



L mm	Ø Min. mm	Ø Max. mm	Ø1 mm		Part N°	€
155	12	25	1,7	10	222-155	15,33
180	19	60	1,9	10	222-180	17,57
220	40	100	2,3	10	222-220	19,93
300	85	165	3,2	10	222-300	31,42

223

Bent Tips Internal Circlip® Plier



L mm	Ø Min. mm	Ø Max. mm	Ø1 mm		Part N°	€
155	12	25	1,7	10	223-155	15,33
180	19	60	1,9	10	223-180	17,57
220	40	100	2,3	10	223-220	19,93
300	85	165	3,5	10	223-300	31,42



220

Nylon pouch 4 Circlip® Pliers

4  
Pcs

CrV



(225 x 300 mm)



∅ Min. 19 ∅ Max. 60

Part N°	€
220-010	77,53

220

Set Zipping 4 Circlip® Pliers

4  
Pcs

CrV



(290 x 215 mm)



∅ Min. 19 ∅ Max. 60

Part N°	€
220-002	79,53

220

Set Zipping 4 Circlip® Pliers

4  
Pcs

CrV



(290 x 215 mm)



∅ Min. 12 ∅ Max. 25

Part N°	€
220-003	70,57

220

Circlip® Pliers

4  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



Part N°	€
220-080	79,53

# Pliers & Pincers

Seeger Circlip® Pliers



## Circlip®



**1** Knot position for internal Seeger circlip® handling



**2** Knot position for external Seeger circlip® handling



**3** Interchangeable bent tips



**4** Interchangeable straight tips



**5** Storage for spare tips

- 8 in 1 Circlip® Plier
- Internal / external Straight and Bent Tips
- Includes 3 pairs of spare tips
- 2 pairs of bent tips
- 1 pair of straight Tips



220

Multi Circlip® Plier



L mm	Part N°	€
200	220-001	47,73

- Allen Key Included



### Straight spare Pin (x2)

L mm	Part N°	€
1,2	220-011	3,32

### Straight spare Pin (x2)

L mm	Part N°	€
1,8	220-012	3,32*

\* Until end of stock

### Bent spare Pin 90° (x2)

L mm	Part N°	€
1,2	220-013	3,54

### Bent spare Pin 90° (x2)

L mm	Part N°	€
1,8	220-014	4,46

Professional Miniplier



**225**

Professional Combination Miniplier

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>125</b>	14	21	7	10	<b>225-125</b>	<b>17,35</b>

**226**

Professional Flat Nose Miniplier

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>125</b>	12	26	6	10	<b>226-125</b>	<b>17,35</b>

**227**

Professional Long Nose Miniplier with Cutting

CrV



L mm	A mm	B mm	C mm		Part N°	€
<b>125</b>	12	27	6	10	<b>227-125</b>	<b>17,35</b>

**228**

Professional Round Nose Miniplier

CrV

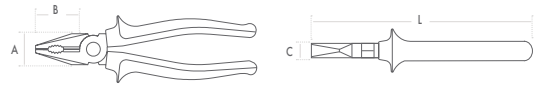


L mm	A mm	B mm	C mm		Part N°	€
<b>125</b>	11	25	6	10	<b>228-125</b>	<b>17,35</b>



# Pliers & Pincers

## Professional Miniplier



229

### Professional Noodle Nose Miniplier

CrV



L mm	A mm	B mm	C mm		Part N°	€
125	11	48	6	10	229-125	17,35

230

### Professional Diagonal Cutting Miniplier

CrV



L mm	A mm	B mm	C mm		Part N°	€
125	11	14	6	10	230-125	17,35

231

### Professional End Cutting Miniplier

CrV



L mm	A mm	B mm	C mm		Part N°	€
125	16	5	6	10	231-125	17,35

225

### Mini-Pliers

4  
Pcs

CrV

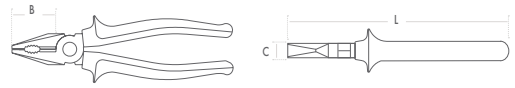


1/4 (375 x 140 x 30 mm)



Part N°	€
225-080	78,65

ESD Miniplier



**237**

Combination Miniplier

Cr-V



L mm	B mm	C mm		Part N°	€
<b>125</b>	20	8	10	<b>237-125</b>	<b>20,60</b>

**238**

Flat Nose Miniplier

Cr-V

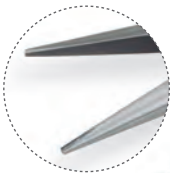


L mm	B mm	C mm		Part N°	€
<b>125</b>	36	8	10	<b>238-125</b>	<b>20,60</b>

**239**

Long Nose Miniplier Without Cut

Cr-V



L mm	B mm	C mm		Part N°	€
<b>125</b>	36	7	10	<b>239-125</b>	<b>20,60</b>

**240**

Round Nose Miniplier

Cr-V

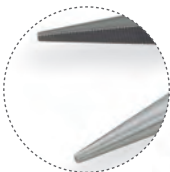


L mm	B mm	C mm		Part N°	€
<b>125</b>	28	7	10	<b>240-125</b>	<b>20,60</b>

**241**

Long Nose Miniplier With Cut

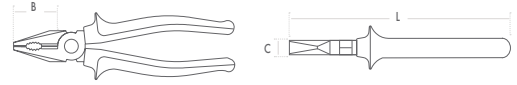
Cr-V



L mm	B mm	C mm		Part N°	€
<b>125</b>	38	8	10	<b>241-125</b>	<b>20,60</b>

# Pliers & Pincers

ESD Miniplier



**242**

Diagonal Cutting Miniplier



L mm	B mm	C mm		Part N°	€
<b>125</b>	38	8	10	<b>242-125</b>	<b>20,60</b>

**243**

End Cutting Miniplier



L mm	B mm	C mm		Part N°	€
<b>125</b>	9	14	10	<b>243-125</b>	<b>20,60</b>

**244**

21° Diagonal Cutting Miniplier



L mm	B mm	C mm		Part N°	€
<b>125</b>	8	4	10	<b>244-125</b>	<b>20,60</b>

**245**

45° Diagonal Cutting Miniplier



L mm	B mm	C mm		Part N°	€
<b>125</b>	8	4	10	<b>245-125</b>	<b>20,60</b>

**237**

ESD Mini-pliers



1/4 (375 x 140 x 30 mm)



Part N°	€
<b>237-080</b>	<b>91,65</b>



Ergonomic bi-material handles painted as the range and with VDE certificate. Manufactured with non-recycled raw materials, pleasant handle and long life guaranteed.

The jaws are chromium vanadium forged and oil tempered. After that all the cutting edges are tempered again to gain high resistance to wearing and a superior durability.

Pliers with VDE IEC 60900 certification, 10.000 V tested to allow and guarantee the work safety up to 1000V.

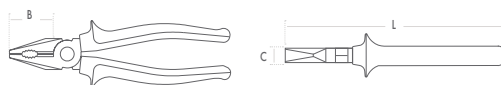


VDE Certificate



**250**

**Insulated Combination Plier**



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	23	32	10	4	<b>250-160</b>	<b>35,95</b>
<b>180</b>	26	36	12	4	<b>250-180</b>	<b>37,08</b>
<b>200</b>	29	40	13	4	<b>250-200</b>	<b>42,15</b>

**255**

**Insulated Diagonal Cutting Plier**



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	22	22	11	4	<b>255-160</b>	<b>39,08</b>
<b>180</b>	24	24	12	4	<b>255-180</b>	<b>44,38</b>

**251**

**Insulated Long Nose Plier with Cut**



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	53	10	4	<b>251-160</b>	<b>41,30</b>
<b>200</b>	21	60	11	4	<b>251-200</b>	<b>43,26</b>

**252**

**Insulated Bent Nose Plier with Cut**



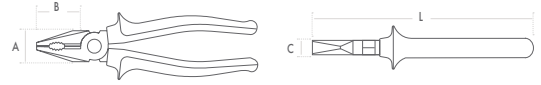
**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	53	10	4	<b>252-160</b>	<b>42,01</b>
<b>200</b>	21	60	11	4	<b>252-200</b>	<b>44,84</b>

# Pliers & Pincers

## Insulated Pliers



**253**

Insulated Flat Nose Plier



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	50	10	4	<b>253-160</b>	<b>38,67</b>

**254**

Insulated Round Nose Plier



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	50	10	4	<b>254-160</b>	<b>38,67</b>

**256**

Insulated Heavy Duty Diagonal Cutting Plier



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	26	20	11	4	<b>256-160</b>	<b>37,85</b>
<b>180</b>	28	23	11	4	<b>256-180</b>	<b>38,92</b>
<b>200</b>	28	23	12	4	<b>256-200</b>	<b>43,68</b>

**257**

Insulated Wire Stripping Plier



**62HRc**



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	37	10	4	<b>257-160</b>	<b>41,96</b>

Insulated Pliers



**258**

Insulated Twin Slip-joint Water Pump Plier

CrV



L mm	mm	Part N°	€
240	40	258-240	52,90

**EXP**

Counter Display 5 Pliers

5  
Pcs

CrV



62HRc



160 x 190 x 125 mm

**250**

Insulated Combination Pliers



Part N°	€
250-160J	179,75

**255**

Insulated Diagonal Cutting Pliers

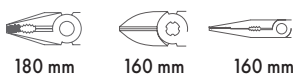


Part N°	€
255-160J	195,40

**205**

3 pliers Set Zipping

3  
Pcs



CrV



62HRc

Part N°	€
250-002	123,71



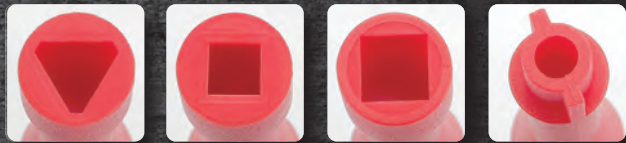


# Pliers & Pincers

VDE tools set. Manufactured according to IEC 60900 regulations



VDE Certificate



• 4 Screwdrivers, Special for Electricians

## VDE Case

080

VDE Case

19  
Pcs



390 mm  
675 mm  
705 mm

Part N°	€
080-001	267,67



Insulated Milled Screwdriver

360-025-075  
360-040-100  
360-055-125  
360-065-150  
360-080-175



Insulated Phillips Screwdriver

361-PH0-060  
361-PH1-080  
361-PH2-100



Insulated Heavy duty diagonal plier

255-160



Insulated combination plier

250-180



Insulated long nose plier with cut

251-200



Insulated wire stripping plier

257-160



4 VDE Universal Screwdrivers + cup



Tester

396-001



2 insulating tape roll

250

Insulated 1000V

3  
Pcs

CrV



1/4 (375 x 140 x 30 mm)

TESTED



160mm



160mm



180mm

Part N°	€
250-080	126,71

250

Insulated 1000V

4  
Pcs

CrV



1/3 (375 x 188 x 30 mm)

TESTED



160mm



180mm



240mm



160mm

Part N°	€
250-081	182,86



DIN ISO  
8976

62  
HRc

CrV

### Button quick release Water Pump Plier

- Longest+finest jaws: Better accessibility
- Chrome vanadium forged steel body
- PVC anti-slip handle
- Anti-rust black finished
- Hardened jaws higher resistance and durability
- 4 teeth locking button
- 35% more opening

269



L mm	Ø Max. mm	Part N°	€
150	26	269-150	40,46
180	38	269-180	43,25
250	50	269-240	46,14
300	70	269-300	57,29
400	90	269-400	100,93

EXP

Button Water Pump Plier Counter Display

6  
Pcs

269-240 (x6)

160 x 190 x 125 mm

Part N°	€
269-240J	276,84



2690

Button quick release Water Pump STD Plier



L mm	Ø Max. mm	Part N°	€
150	26	2690-150	26,36
180	38	2690-180	30,25
250	50	2690-250	33,14
300	70	2690-300	46,75

EXP

Button Water Pump STD Plier Counter Display

6  
Pcs

2690-250 (x6)

160 x 190 x 125 mm

Part N°	€
2690-250J	198,84





# Pliers & Pincers

## Water Pump Pliers



**265** Quick Release Water Pump Plier

CrV



L mm	Ø mm	Part N°	€
250	40	265-250	42,16

• No need to press the button to adjust the size

**266** Notch-joint Water Pump Plier

CrV



L mm	Ø mm	Part N°	€
200	32	266-200	24,42
250	41	266-250	30,08
300	49	266-300	35,71

**267** Bimaterial Handle Twin Slip-joint Water Pump Plier

CrV



L mm	Ø mm	Part N°	€
250	48	267-250	31,97

**268** Twin Slip-joint Water Pump Plier

CrV



L mm	Ø mm	Part N°	€
250	37	268-250	23,82

**264** Autoadjusting Professional Plier

CrV

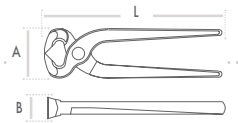


L mm	Ø mm	Part N°	€
175	26	264-175	49,52
240	38	264-240	57,22





Professional Pincers

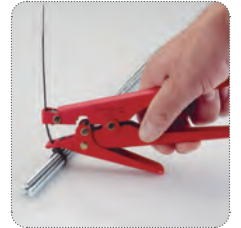


**268** Wire Twisting Plier

**268** Wire Tie Tensioning Plier

CrV

CrV



L mm	A mm	B mm	Part N°	€
<b>230</b>	16	11	<b>268-001</b>	<b>160,78</b>
<b>280</b>	20	12	<b>268-002</b>	<b>202,29</b>

L mm	Max mm	Part N°	€
<b>190</b>	12 x 2,3	<b>268-010</b>	<b>58,63</b>

**270** High Leverage Professional Pincer

**271** Professional Tower Pincer

CrV

CrV



L mm	A mm	B mm	Part N°	€
<b>150</b>	31	25	<b>270-150</b>	<b>25,29</b>
<b>200</b>	37	25	<b>270-200</b>	<b>27,02</b>
<b>300</b>	39	32	<b>270-300</b>	<b>31,54</b>

L mm	A mm	B mm	Part N°	€
<b>225</b>	29	20	<b>271-225</b>	<b>16,85</b>
<b>250</b>	33	24	<b>271-250</b>	<b>18,51</b>
<b>280</b>	36	26	<b>271-280</b>	<b>20,25</b>

**272** Professional Dipped Handle Tower Pincer

**273** Professional Carpenter Pincer

CrV

CrV



L mm	A mm	B mm	Part N°	€
<b>225</b>	29	20	<b>272-225</b>	<b>19,59</b>
<b>250</b>	33	24	<b>272-250</b>	<b>20,76</b>
<b>280</b>	36	26	<b>272-280</b>	<b>24,37</b>

L mm	A mm	B mm	Part N°	€
<b>160</b>	42	18	<b>273-160</b>	<b>16,65</b>
<b>180</b>	49	20	<b>273-180</b>	<b>16,85</b>
<b>200</b>	51	21	<b>273-200</b>	<b>19,92</b>
<b>250</b>	59	25	<b>273-250</b>	<b>26,52</b>

# Pliers & Pincers

## Locking Pliers

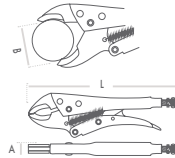


**276P**

Curved Jaws Locking Plier with Wire Cutter

CrMo

Plus



L mm	L "	B mm	A mm	Part N°	€
125	5	28	8	276P-125	27,42
175	7	38	10	276P-175	37,27
250	10	47	12	276P-250	40,64

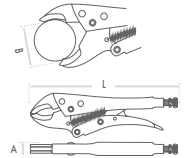
Easy Release Function • 25% more Grip Power • Non-slip Jaw Design

**277P**

Straight Jaws Locking Plier without Wire Cutter

CrMo

Plus



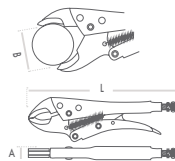
L mm	L "	B mm	A mm	Part N°	€
175	7	28	14	277P-175	37,82
250	10	38	17	277P-250	43,26

Easy Release Function • 25% more Grip Power • Non-slip Jaw Design

**276**

Curved Jaws Plier with Wire Cutter

CrMo



L mm	L "	B mm	A mm	Part N°	€
125	5	29	8	276-125	19,59
175	7	32	10	276-175	26,63
250	10	51	12	276-250	29,03

**276**

Locking Pliers

CrMo

3  
Pcs



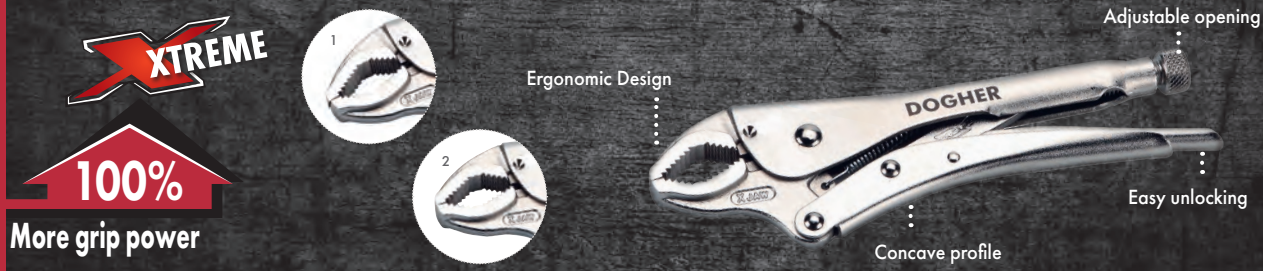
1/4 (375 x 140 x 30 mm)



125mm • 175mm • 250mm

Part N°	€
276-080	84,50

- Curved Jaws
- Large opening jaws indicated for round shapes.
- Used in workshops, plumbing, heaters...
- Great capacity, curved and fine jaws: Firm grip on rounded forms



275

Curved Jaws Locking Plier without Wire Cutter

CrMo



L mm	L "	B mm	A mm	Part N°	€
175	7	30	10	275-175	27,50
250	10	49	12	275-250	31,24



**EXP** Xtreme Locking Plier

Part N°	€
275-250J	312,40

290 x 320 mm



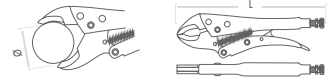
**AUTOMATIC**



- Pressure adjustment by internal mechanism.
- Non-slip knurled handles.
- Treated jaws for longer working life.
- AUTOMATIC Patented locking plier.

**CrV**

**275** Self Adjusting Locking Plier With Wire Cutter



**AUTOMATIC**

L mm	L "	Ø mm	Part N°	€
150	6	31	275-005	46,20
250	10	38	275-010	50,38



**10**  
Pcs

**EXP** Self Adjusting Locking Plier With Wire Cutter

Part N°	€
275-010J	503,80

275-010J (x6)

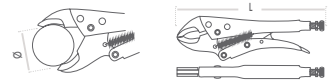
290 x 320 mm

**277** Self Adjusting Straight Jaws Plier Without Wire Cutter

**CrMo**



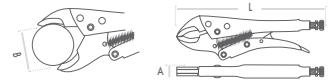
**AUTOMATIC**



L mm	L "	Ø mm	Part N°	€
250	10	48	277-010	54,45

**277**

Straight Jaws Plier Without Wire Cutter

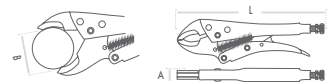


L mm	L "	B mm	A mm	Part N°	€
175	7	29	15	277-175	27,03
250	10	43	16	277-250	30,91

Great Sturdiness Grip thanks to the wide jaws and reinforced teeth.

**274**

"V" Jaws Locking Plier



L mm	L "	B mm	A mm	Part N°	€
250	10	51	13	274-250	32,97

Great Sturdiness Grip specially designed to grab squared and rounded pieces.

**278**

Long Nose Locking Plier With Wire cutter



L mm	L "	B mm	A mm	Part N°	€
150	6	49	5~8	278-150	24,25
225	9	55	7~10	278-225	33,76

The thin and extended design of the jaws allows to grab remote flat or rounded pieces.

# Pliers & Pincers

## Locking Pliers



279

Grip Wrench for Welding

CrV



L mm	L "	B mm	A mm	Part N°	€
225	9	60	70	279-225	34,01
275	11	87	70	279-275	45,58

Jaws specially designed to grip two adjacent pieces

280

Grip Wrench for Pipe Welding

CrV



L mm	L "	B mm	A mm	Part N°	€
275	11	84	70	280-275	48,96

Jaw shape specially designed to grip two aligned tubes

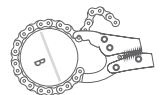
281

Locking Chain Plier

CrMo



Chain 500 mm

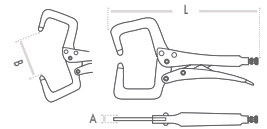


L mm	L "	B mm	A mm	Part N°	€
450	18	160	12,5	281-450	54,78

Maximum grip for parts such as oil filters, mufflers...  
Allows to work in inaccessible areas.



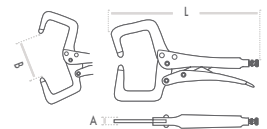
**282** Locking "C" Clamp



L mm	L "	B mm	A mm	Part N°	€
<b>150</b>	<b>6</b>	29	10	<b>282-150</b>	<b>27,09</b>
<b>275</b>	<b>11</b>	92	14	<b>282-275</b>	<b>40,81</b>
<b>600</b>	<b>24</b>	357	14	<b>282-600</b>	<b>93,03</b>

Large capacity clamps specially designed to grip long distance pieces.

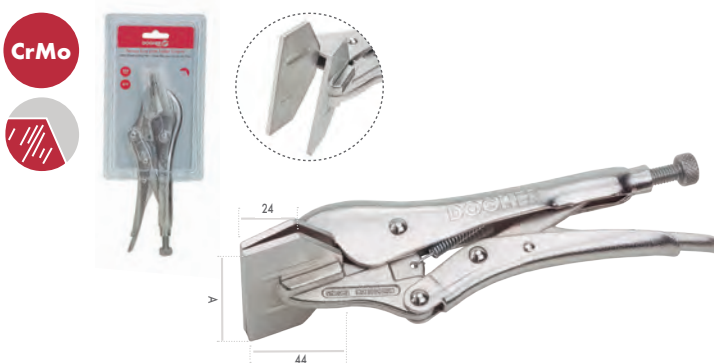
**283** Locking "C" Clamp with Swivel Pads



L mm	L "	B mm	A mm	Part N°	€
<b>150</b>	<b>6</b>	42	22	<b>283-150</b>	<b>33,54</b>
<b>275</b>	<b>11</b>	95	28	<b>283-275</b>	<b>45,72</b>
<b>450</b>	<b>18</b>	200	28	<b>283-450</b>	<b>74,21</b>
<b>600</b>	<b>24</b>	365	28	<b>283-600</b>	<b>103,48</b>

Special design of the jaws to avoid the damage and the slippage of the pieces. The swivel pads allows to grip pieces with irregular surfaces.

**284** Metal Sheet Welding Locking Plier



L mm	L "	B mm	A mm	Part N°	€
<b>200</b>	<b>8</b>	39	79,5	<b>284-200</b>	<b>42,50</b>

Wide jaws allowing the tightening of thin flat or round materials thanks to its design.

# Pliers & Pincers

## Locking Pliers



**2778**

Hose Clamp Locking Plier

CrMo



L mm	L "	Part N°	€
235	9	2778-235	53,98

Special design of the jaws allowing the correct opening for different diameters of Hose clamps.

**2790**

Gun Type Locking Plier

CrMo



Ergonomic Plier Allowing maximum grip and prevents injuries caused by incorrect posture.

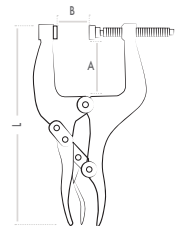
L mm	L "	B mm	Part N°	€
155	6	42	2790-011	47,62



**275**

Locking Plier

CrV



L mm	L "	B mm	A mm	Part N°	€
200	8	70	30	275-050	75,14

## Locking Pliers

### Axial

- Axial Locking pliers:  
Optimization of work time thanks to:
  - Positioning perpendicular to the material for easy manipulation.
  - The small size improves manoeuvrability.
  - The flat jaws allows a perfect fit and prevents damage to the material.



**2750**

Axial Locking Pliers W Shaped



Part N°	€
2750-001	46,14



Design that allows to weld in 4 points on the plate

**2750**

Axial Locking Pliers JJ Shaped



Part N°	€
2750-002	46,14



-2 Superposed Plates  
-Plates With Angles

**2750**

Axial Locking Pliers LL Shaped



Part N°	€
2750-003	46,14



- 2 Adjacent Plates

**2750**

Axial Locking Pliers J Shaped



Part N°	€
2750-004	46,14



2 Superposed Plates - Plates With Angles

**2750**

Axial Locking Pliers L Shaped



Part N°	€
2750-005	46,14



- 2 Superposed Plates

**2750**

Axial Locking Pliers T Shaped



Part N°	€
2750-006	46,14

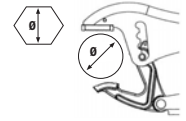


- 2 Plates to 90° with the same thickness



# Pliers & Pincers

High Capacity French Type Locking Pliers



**275F**

Straight Jaws Locking Plier



L mm	Ø mm	P mm	Part N°	€
220	55	45	275F-010	73,57

**275F**

Curved Jaws Locking Plier



L mm	Ø mm	P mm	Part N°	€
250	85	73	275F-011	72,51

**275F**

Swivel Pads Locking Plier



L mm	Ø mm	P mm	Part N°	€
250	80	70	275F-012	83,99

**275F**

C Clamps Locking Plier



L mm	Ø mm	P mm	Part N°	€
270	100	90	275F-013	107,33

**275**

Locking Pliers

**4**  
Pcs



1/2 (375 x 280 x 30)

Part N° 275F-010 • 275F-011 • 275F-012 • 275F-013

Part N°	€
275F-080	357,40

**EXP**

**10**  
Pcs

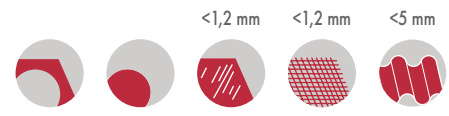
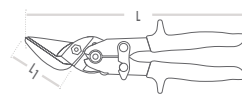


290 x 320 mm

10 x Part N° 275F-010

Part N°	€
275F-010J	735,70

Aviation Tin Snips



**285**

Aviation Tin Snip Straight Cut



L mm	L <sub>1</sub> mm	Part N°	€
250	36	285-250	29,47

**291**

Offset Long Tin Snip Straight Cut



L mm	L <sub>1</sub> mm	Part N°	€
280	51	291-300	54,36

**287**

Aviation Tin Snip Right Cut



L mm	L <sub>1</sub> mm	Part N°	€
250	36	287-250	29,47

**289**

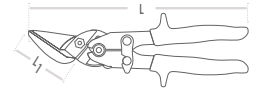
Offset Tin Snip Right Cut



L mm	L <sub>1</sub> mm	Part N°	€
250	36	289-250	33,70

# Pliers & Pincers

## Aviation Tin Snips



286

Aviation Tin Snip Left Cut

CrMo



L mm	L <sub>1</sub> mm	Part N°	€
250	36	286-250	29,47

288

Offset Tin Snip Left Cut

CrMo



L mm	L <sub>1</sub> mm	Part N°	€
250	36	288-250	33,70

290

Sheet Metal Scissor Model Madrid

56-62 Hrc



**CUT PRO**



L mm	L <sub>1</sub> mm	Part N°	€
300	67,5	290-300	42,90



56-62 Hrc

- Ideal for tin plate cutting. Steel sheets, plasterboards, plastics, tissues, wood veneers...
- Carbon steel forged jaws.
- Hardened and sturdy cutting blade for an accurate cut and long working life of the tool.
- Safety closing stop.
- Angled handle to provide bigger effort.

285

Swivel Anvil Mitre Cutter

SK5

45°  
135°



Part N°	€
285-45-135	49,08

- Hardened steel and non-slip handle.
- Used to cut rubber, profiles, electric gutters till maximum 40 mm wide and 25 mm long.
- Both straight and curve cuts 45° - 135°

285

Swivel Anvil Mitre Cutter Spare Blade



Part N°	€
285-45-135C	12,74



**292**

Professional Bolt Cutter

CrV



L mm	● mm	Part N°	€
200	0,5~2	292-200	45,35
300	1~3,5	292-300	62,29
320	2~6,5	292-320	72,44
470	4~8	292-470	96,65
630	5~11	292-630	121,22
750	6~13	292-750	165,50
900	8~17	292-900	225,84
1050	9~19	292-1050	281,89

**2925**

Professional Curved Bolt Cutter



L mm	● mm	Part N°	€
450	4~8	2925-450	98,72
600	5~11	2925-600	123,82

**293**

Spare Jaw for Professional Bolt Cutter



CrV

● mm	Part N°	€
1~3,5	293-300	42,00
2~6,5	293-320	43,47
4~8	293-470	48,89
5~11	293-630	58,82
6~13	293-750	73,49
8~17	293-900	88,11
9~19	293-1050	128,10

Suitable for  
292

**EXP**

Professional Bolt Cutters Display

**7**  
Pcs

CrV

292-470 (x2) 292-750 (x2)  
292-630 (x2) 292-900 (x1)

245 x 447 mm

Part N°	€
EXP292	1.027,58



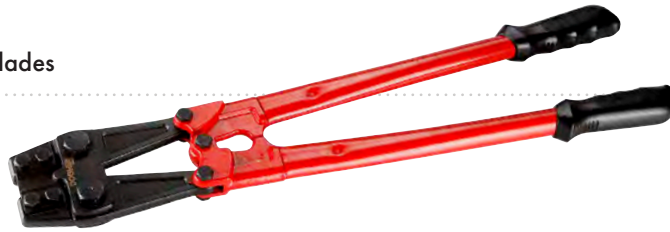
# Pliers & Pincers

Professional Bolt Cutters & Wire Rope Cutters



292

Bolt Cutter with Interchangeable Blades



292

Interchangeable Blade



Part N°	€
292-069R	96,11

Suitable for  
292-060 y 292-090

L mm	mm	Part N°	€
600	5-10	292-060	168,59
900	8-16	292-090	204,74

- Three cut triangular blades
- Manufactured in high resistance alloy steel
- Fast blade replacement by the fixation bolts
- Cold redrawing tube arms
- Ergonomic handle

295

Ratchet Cable Cutters



L mm	Part N°	€
280	295-021	387,11

- Forged steel ratchet cable cutters.
- For cutting single and multi-strand copper and aluminium cables.
- Specific to work in difficult access places.
- Hardened cutting edges.
- Security lock.
- Lever to release the pressure.
- Bi-material handle with support area.

294

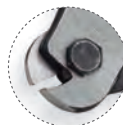
Professional Mini Bolt Cutter



L mm	mm	Part N°	€
210	2	294-210	48,50

295

Professional Wire Rope Cutter



L mm	mm	Part N°	€
250	5	295-003	44,87

L mm	mm	Part N°	€
200	5	295-008	63,81

L mm	mm	Part N°	€
180	5	295-009	81,21

**295** Professional Wire Rope Cutter

CrV



L mm	mm	Part N°	€
<b>450</b>	12	<b>295-001</b>	<b>314,65</b>

**295** Professional Wire Rope Cutter

CrV



L mm	mm	Part N°	€
<b>800</b>	16	<b>295-002</b>	<b>367,59</b>

**295** Wire Rope Cutter

CrV



L mm	mm	Part N°	€
<b>450</b>	9	<b>295-004</b>	<b>145,33</b>

**295** Wire Rope Cutter

CrV



L mm	mm	Part N°	€
<b>600</b>	13	<b>295-005</b>	<b>173,27</b>

**295** Wire Rope Cutter

CrV



L mm	mm	Part N°	€
<b>900</b>	16	<b>295-006</b>	<b>214,44</b>



# Pliers & Pincers

Professional Wire Cutters



295

Professional Wire Rope Cutter

CrV



L mm	mm	Part N°	€
1050	19	295-007	319,86

295

Professional Threaded Bar Cutter

CrV



L mm	mm	Part N°	€
760	M6	295-012	507,93
760	M8	295-011	507,93
760	M10	295-010	507,93

262

Copper and Aluminium Cable Cutter

CrV



L mm	mm	Part N°	€
250	5	262-250	60,39

295

Cable Cutters

CrV



L mm	mm <sup>2</sup>	A max.	Part N°	€
300	125	17,7	295-013	117,98
530	250	23,6	295-014	231,94

- For cutting of single and multi-strand copper and aluminium cables without assembling.
- Hardened cutting edges.
- Tubular steel handle.

**Cut-Pro Electrician Scissors**

Features:

- Anti slip blade with microindentation
- Bi material handle
- Wire cutting notch.

**CUT-PRO**



296

Cut-Pro Electrician Scissors

- 170 mm
- Inox
- 80 mm<sup>2</sup>



L mm	Part N°	€
170	296-010	47,67

- Wire cutting notch. 1,5mm<sup>2</sup> / 2,5mm<sup>2</sup> / 4 mm<sup>2</sup>.
- Max. cutting capacity: 1x80 mm<sup>2</sup>
- Special whole stainless steel frame
- Crimping terminal of cable 2,5mm<sup>2</sup>

- 160 mm
- Inox
- 50 mm<sup>2</sup>



L mm	Part N°	€
160	296-009	35,78

- Wire cutting notch. 1,5mm<sup>2</sup> / 2,5mm<sup>2</sup>
- Max. cutting capacity: 1x50 mm<sup>2</sup>
- Special whole steel frame
- Crimping terminal of cable

- 150 mm
- Inox



L mm	Part N°	€
150	296-008	23,16



**12**  
Pcs

275 x 290 x 140 mm

296-010 (x12)

Part N°	€
296-010J	572,04

296-009 (x12)

Part N°	€
296-009J	429,36

296-008 (x12)

Part N°	€
296-008J	277,92

# Pliers & Pincers

## Electrician Scissors



296

Multi-Function Scissors 4 in 1

**CUT  
PRO**

206  
mm

Inox



< 0.8 mm < 1.2 mm < 0.5 mm < 0.4 mm < 4.0 mm < 5.0 mm < Ø10 mm

- Paperboard, cardboard, tissues...etc
- Anti-slip serrated edge.
- Bimaterial handle.

206  
mm

Inox



< 2.5 mm Al/Cu  
< 1.5 mm Steel



L mm	Part N°	€
206	296-011	25,23



296

Heavy Duty Electrician Scissors with Stripping Notch

190  
mm

Inox



- Anti-slip serrated edge.
- Special wire stripping notch.
- Lock system.
- Spring for easier intensive work.
- Bi material handle.

L mm	Part N°	€
190	296-001	25,41

296

Electrician Scissors

140  
mm

Inox



L mm	Part N°	€
140	296-003	14,75



**296**

Professional Electrician Scissors

**145**  
mm

**Inox**



296-007



296-006



296-006



296-006F



296-007

L mm	Part N°	€
145	296-006	22,69
<i>Optional pouch</i>		
	296-006F	4,95
<i>Scissors + Pouch</i>		
	296-007	26,81

- Serrated blade
- Inner layer with soft rubber



**12**  
Pcs

296-006 (x12)

Part N°	€
296-006J	272,28

275 x 290 x 140 mm

**296**

Electrician Tray

**3**

Pcs

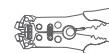
**CrV**



1/3 (375 x 188 x 30 mm)



296-056



296-051



296-003

Part N°	€
296-080	87,29

# Pliers & Pincers

## Electrician Scissors



296

### Heavy Duty Long Electrician Scissors Grip XXL

150 mm

Inox



275 x 290 x 140 mm

L mm	Part N°	€
150	296-004	27,38

- Serrated blade
- Max. cutting capacity: 1x50 mm<sup>2</sup>



12 Pcs

296-004 (x12)

Part N°	€
296-004J	328,56

EXP

### Professional And Electrician Scissors XXL Grip Counter Display



275 x 290 x 140 mm

12 Pcs



296-006 (x6)



296-004 (x6)

Part N°	€
296-406J	300,42

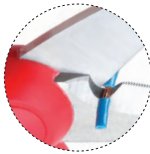
**296**

VDE Insulated Electrician Scissors

160 mm

Inox

TESTED



L mm	Part N°	€
160	296-005	36,84

**296**

Insulated Flat Teeth Tweezer

CrV

TESTED



L mm	Part N°	€
145	296-025	34,31

**296**

Insulated Curve Teeth Tweezer

CrV

TESTED



L mm	Part N°	€
145	296-026	34,31

**260**

Needle Point Fiber Carbon Tweezer

Inox



• Stainless Steel

L mm	Part N°	€
130	260-001	35,68

**260**

Blunt Shape Fiber Carbon Tweezer

Inox



• Stainless Steel

L mm	Part N°	€
130	260-002	35,68

**260**

Angle Tip Fiber Carbon Tweezer

Inox



• Stainless Steel

L mm	Part N°	€
130	260-003	35,68



# Pliers & Pincers

## Electrician Knives



296

Electrician Knife



195 mm

Inox

L mm	Part N°	€
195	296-021	19,54



296

Electrician Knife

CUT PRO



190 mm

Inox

L mm	Part N°	€
190	296-024	21,40



Ø3-Ø30 mm

296

VDE Insulated Electrician Knife  
Straight Cut



200 mm

Inox



L mm	Part N°	€
200	296-022	21,73



TESTED

296

VDE Insulated Electrician Knife  
Curved Cut



200 mm

Inox



L mm	Part N°	€
200	296-023	28,89



TESTED

296

Professional Cable Stripper



L mm	mm	Part N°	€
190	8~28	296-031	24,39

- Fully ground SK2 Blade
- PP & TPR anti-slip grip
- Adjustable cutting depth

296

Cable Stripper



L mm	mm	Part N°	€
140	8~28	296-032	32,19

- Lever for 90° rotation of the blade
- Turn the head to adjust cutting depth

Cable Stripper Spare Parts

296R

Cable Stripper Blade

Suitable for  
296-031



L mm	mm	Part N°	€
115	8~28	296R-031	7,27

296R

Cable Stripper Blade

Suitable for  
296-032



L mm	mm	Part N°	€
23	8~28	296R-032	8,92

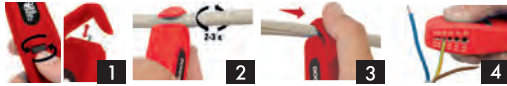
# Pliers & Pincers

## Wire Strippers & Wire Cutters



**296**

Cable & Wire Stripper



· Ø 4 - 28 mm 5/32" - 1.1/8"  
· Ø 0,5 - 6 mm<sup>2</sup> 20 - 10 AWG



Part N°	€
296-132	38,22

**296R**

Blade for Cable & Wire Stripper



Part N°	€
296R-132	13,99

**296**

Self-Adjusting, Automatic Wire Stripping



· Ø 0,2-6 mm<sup>2</sup> 24-10 AWG



Part N°	€
296-152	48,45

**296**

Coaxial Cable Stripper



· Ø 4,8-7,5 mm NYM 3x0,75mm<sup>2</sup>



Part N°	€
296-170	33,04

**296**

Self-Adjusting, Automatic Wire Stripping



· Ø 0,5-16 mm<sup>2</sup> 20-6 AWG



Part N°	€
296-252	101,08

**EXP29**

Cable and Wire Strippers Display

**14**  
Pcs

296-132 (x4) 296-152 (x4)  
296-170 (x2) 296-252 (x4)

Part N°	€
EXP29	817,08



330 x 360 x 515 mm



296

Multitasking Wire Stripper



296-050



296-050R

>9,5 mm



0,8-2,6 mm



Part N°

€

296-050

26,49

Spare blades

296-050R

5,87

296

Automatic Wire Stripper



Strip

Cut

Crimp



0,2-5 mm



Part N°

€

296-051

33,32

296

Self-adjusting Wire Stripper



>8 mm



0,2-5 mm



Strip

Cut



Part N°

€

296-052

37,15

296

Precision Wire Cutter



L mm

Part N°

€

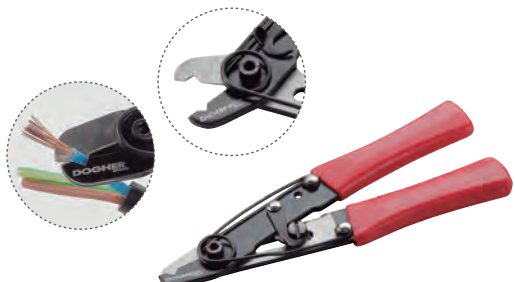
130

296-053

9,94

296

Professional Wire Cutter



L mm

Part N°

€

130

296-054

10,99

# Pliers & Pincers

## Cable Cutters and Crimpers



296

### Self-Adjusting Crimping Ratchet Plier for Wire End Sleeves with Lateral Access



0,25-16 mm<sup>2</sup>



Part N°	€
296-061	96,67

- High crimping quality due to integral square shaped lock (Self-releasing mechanism). Strong metal crimping profile with hardened surface.
- For cord end sleeves: 0,25~16mm<sup>2</sup>.
- Reinforced connecting spring for longer useful life.
- Bimaterial handle for ergonomic and intensive use.
- Lateral loading on the cord end sleeve into the tool.
- Phosphated body to avoid corrosion.

296

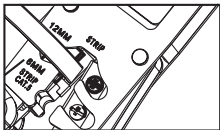
### Net Crimping Tool

203 mm

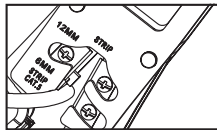


Part N°	€
296-062	84,60

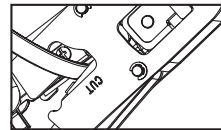
- Suitable for crimping RJ45 & RJ11 modular plugs with 6 or 8 connectors.
- Stripping blade working range is 6-12mm length.
- Reinforced connecting spring for longer usage life.
- Bimaterial handle for ergonomic and intensive use.
- Phosphated body to avoid corrosion.



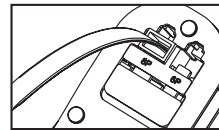
• Strip flat cable.



• Strip CAT.5 round cable.



• Cut cable network.



• Squeeze handle to activate crimping action.

296

### Wire Crimping Tool

225 mm

9"



Part N°	€
296-063	78,26

- Bootlace terminal crimping tool. Insulated / Non-insulated terminals.
- Displaced axis to multiply the tightening torque and reduce efforts.
- Semi-circular clamps.
- Bi material handle.
- 0.5 - 0.75 - 1 - 1.5 - 2.5 - 4 - 6 - 10 - 16 mm<sup>2</sup>

296

### Wire Crimping Tool

150 mm

6"



Part N°	€
296-065	58,61

- Bootlace terminal crimping tool. Insulated / Non-insulated terminals.
- Displaced axis to multiply the tightening torque and reduce efforts.
- Spring bi-material handle.
- 0.25 - 0.50 - 0.75 - 1 - 1.5 - 2.5 mm<sup>2</sup>

**296**

Crimping Tool Set

218 mm

8,5"



Part N°	€
296-064	182,37

- High wear resistance processed steel.
- Quick jaws change mechanism.
- Lock/unlock system.
- Ergonomic bi-material handle.



Part N°	€
296-076	88,25



Insulated terminals  
22 - 10 AWG  
(0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>)

Part N°	€
296-076-1	25,36



Non-insulated open-barrel  
22 - 10 AWG  
(0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>)

296-076-2	25,36
-----------	-------



Non-insulated terminals  
22 - 8 AWG  
(0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>)

296-076-3	25,36
-----------	-------



Cord end terminals  
22 - 10 AWG  
(0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>)

296-076-4	25,36
-----------	-------



Cord end terminals  
10 - 6 AWG  
(6 mm<sup>2</sup> - 16 mm<sup>2</sup>)

296-076-5	25,36
-----------	-------

**296**

Solar Connector Ratchet Crimping Tool.

225 mm

9"



Part N°	€
296-066	130,37

- High resistance tempered forged steel jaw.
- Bi material handle.
- 2,5 - 4 - 6 mm<sup>2</sup>
- AWG 14 - 12 - 10



**PATENTED**



# Pliers & Pincers

## Crimpers



296

### Expert Ratchet Crimping Tool

220 mm

9"



L mm	Part N°	€
220	296-060	37,85

- Insulated terminal crimping range 1.5 · 2,5 · 6 mm<sup>2</sup>
- Hardened & tempered steel
- Ratchet mechanism controlled, accurate crimping
- Force amplifying ratchet mechanism
- Handle locking function
- Insulated ergonomic handle

296

### Insulated Terminals Crimping Tool

235 mm

9"



**EASY CRIMPING**

20°



Part N°	€
296-070	87,00

- Hardened & tempered steel.
- Force amplifying ratchet mechanism.
- Adjustable clamping pressure.
- Ratchet mechanism controlled accurate.
- Bimaterial ergonomic handle.

● DIN 0.14-0.5 mm<sup>2</sup> • AWG 26-20

● DIN 0.75-1.5 mm<sup>2</sup> • AWG 18-16

● DIN 2-2.5 mm<sup>2</sup> • AWG 14

● DIN 3.5-6 mm<sup>2</sup> • AWG 12-10

296

### Coaxial Connectors Crimping Tool

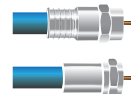
230 mm

9"



**EASY CRIMPING**

20°



Part N°	€
296-067	105,62

- Hardened & tempered steel.
- Force amplifying ratchet mechanism.
- Adjustable clamping pressure.
- Ratchet mechanism controlled accurate.
- Bimaterial ergonomic handle.

◆ 1.72 mm<sup>2</sup> · 5.4 mm<sup>2</sup> · 6.5 mm<sup>2</sup> • **RG:** 55-58-59-62-140-141-223-303-481-8279

296

### Non-insulated Open-Barrel Crimping Tool

230 mm

9"



**EASY CRIMPING**

20°



Part N°	€
296-068	130,04

- Hardened & tempered steel.
- Force amplifying ratchet mechanism.
- Adjustable clamping pressure.
- Ratchet mechanism controlled accurate.
- Bimaterial ergonomic handle.

DIN 1-2.5 mm<sup>2</sup> · 0.5-1 mm<sup>2</sup> · 4-6 mm<sup>2</sup> • AWG 20 - 10

**296** Cord End Terminals Crimping Tool

230 mm

9"



**EASY CRIMPING**

20°



DIN 0.14 - 0.75 - 1 - 1.5 - 2.5 - 4 - 6 - 10 mm<sup>2</sup> • AWG 26 - 10

Part N°

€

**296-071**

**96,24**

- Hardened & tempered steel.
- Force amplifying ratchet mechanism.
- Adjustable clamping pressure.
- Ratchet mechanism controlled accurate.
- Bimaterial ergonomic handle.

**296** Solar Connectors Crimping Tool

230 mm

9"

MC4



**EASY CRIMPING**

20°



DIN 2.5 - 4.0 - 6.0 mm<sup>2</sup> • AWG 14 - 12 - 10

Part N°

€

**296-075**

**93,62**

- Hardened & tempered steel.
- Force amplifying ratchet mechanism.
- Adjustable clamping pressure.
- Ratchet mechanism controlled accurate.
- Bimaterial ergonomic handle.

**296** Hexagonal Ferrule Crimping Tool 6-50

390 mm

15"



Part N°

€

**296-090**

**293,67**

- 6-50 mm<sup>2</sup>

**296** Hexagonal Ferrule Crimping Tool 10-120

627 mm

25"



Part N°

€

**296-091**

**403,00**

- 6-120 mm<sup>2</sup>

# Pliers & Pincers

## Wire Strippers & Wire Cutters



296

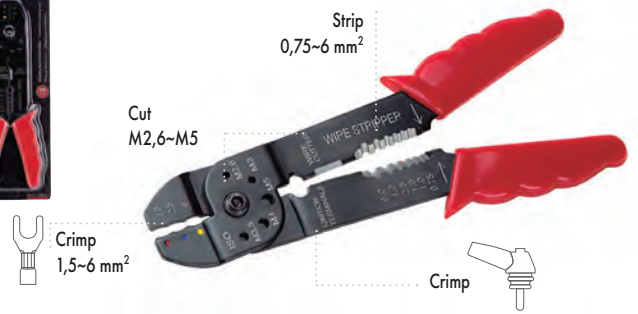
Terminal Crimping Tool



L mm	Part N°	€
250	296-055	16,99

296

Terminal Crimping Tool



L mm	Part N°	€
250	296-056	16,06

296

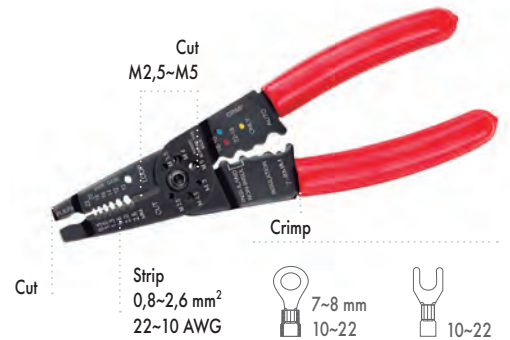
Terminal Crimping Tool



L mm	Part N°	€
250	296-057	50,25

296

Wire Cutter-Stripper



L mm	Part N°	€
200	296-058	10,93

296























Professional Wire Cutter



L mm	Part N°	€
200	296-059	9,90





<i>iPlus</i>		122
<i>ind</i>		126
<i>Prof</i>		130
		138
		142
		143
<i>std</i>		147
		150
 		153
		159
		161
		162
		164

# Screwdrivers 300



The Industrial Plus series is specially developed for the toughest jobs. The handle is composed by an anti-slip thermoplastic elastomer that allows to transfer all the torque to the screw. The hexagonal blade with silicon supports high tightening torques.



S2 58HRc

300

Milled



A mm	B mm	L mm		Part N°	€
2,5	0,4	100	10	300-025-100	8,78
3	0,5	100	10	300-030-100	8,78
3,5	0,6	100	10	300-035-100	8,78
4	0,8	125	10	300-040-125	9,42
5	1	125	10	300-050-125	9,49
6	1,2	150	10	300-060-150	9,54

301

Phillips



	L mm		Part N°	€
PH0	75	10	301-PH0-075	8,56
PH1	100	10	301-PH1-100	8,89
PH2	125	10	301-PH2-125	9,89
PH3	150	10	301-PH3-150	12,19

EXP

Counter Display of 12 Industrial Plus Series Screwdrivers

12 Pcs

S2



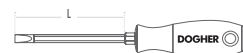
230 x 210 x 155 mm

300



- Milled 300-030-100 3x100 (x3)  
300-040-125 4x125 (x3)
- Phillips 301-PH1-100 PH1x100 (x3)  
301-PH2-125 PH2x125 (x3)

Part N°	€
300-020J	110,94



## 301

### Phillips Extra Long Series



S2



	L mm		Part N°	€
<b>PH2</b>	300	10	<b>301-PH2-300</b>	<b>13,48</b>
<b>PH3</b>	300	10	<b>301-PH3-300</b>	<b>14,54</b>

## 302

### Pozidriv



S2



	L mm		Part N°	€
<b>PZ0</b>	75	10	<b>302-PZ0-075</b>	<b>8,56</b>
<b>PZ1</b>	100	10	<b>302-PZ1-100</b>	<b>8,89</b>
<b>PZ2</b>	125	10	<b>302-PZ2-125</b>	<b>9,89</b>
<b>PZ3</b>	150	10	<b>302-PZ3-150</b>	<b>12,19</b>

## 303

### Torx



S2



	L mm		Part N°	€
<b>T6</b>	50	10	<b>303-T06</b>	<b>7,04</b>
<b>T7</b>	50	10	<b>303-T07</b>	<b>7,04</b>
<b>T8</b>	60	10	<b>303-T08</b>	<b>7,04</b>
<b>T9</b>	60	10	<b>303-T09</b>	<b>7,04</b>
<b>T10</b>	80	10	<b>303-T10</b>	<b>7,21</b>
<b>T15</b>	80	10	<b>303-T15</b>	<b>7,21</b>
<b>T20</b>	100	10	<b>303-T20</b>	<b>7,61</b>
<b>T25</b>	100	10	<b>303-T25</b>	<b>8,40</b>
<b>T27</b>	115	10	<b>303-T27</b>	<b>8,40</b>
<b>T30</b>	115	10	<b>303-T30</b>	<b>9,58</b>
<b>T40</b>	130	10	<b>303-T40</b>	<b>10,35</b>
<b>T45</b>	130	10	<b>303-T45</b>	<b>12,89</b>
<b>T50</b>	150	10	<b>303-T50</b>	<b>13,72</b>



# Screwdrivers

Industrial Plus Series Sets



300

Carton Box

6  
Pcs



Milled

3 • 4 • 5 • 6

PH1 • PH2



Part N°

€

300-001

62,51

300

Carton Box

6  
Pcs



Milled

3 • 4 • 5 • 6

PZ1 • PZ2



Part N°

€

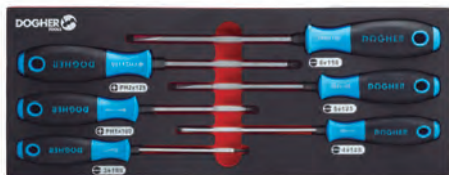
300-002

62,51

300

EVA Foam Tray

6  
Pcs



1/4 (375 x 140 x 30 mm)

Milled

3 • 4 • 5 • 6

PH1 • PH2



Part N°

€

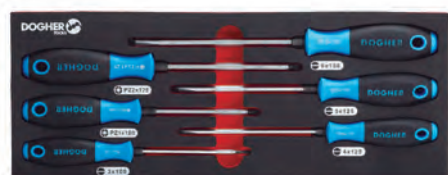
300-080

65,26

300

EVA Foam Tray

6  
Pcs



1/4 (375 x 140 x 30 mm)

Milled

3 • 4 • 5 • 6

PZ1 • PZ2



Part N°

€

300-081

65,26

Further Information about Storage and EVA Foam Trays in Pages:

p. 20 • 35

303

Carton Box

6  
Pcs



S2



T10 • T15 • T20 • T25 • T30 • T40

Part N°	€
303-001	56,86

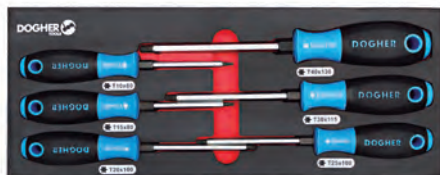
303

EVA Foam Tray

6  
Pcs



S2



1/4 (375 x 140 x 30 mm)



T10 • T15 • T20 • T25 • T30 • T40

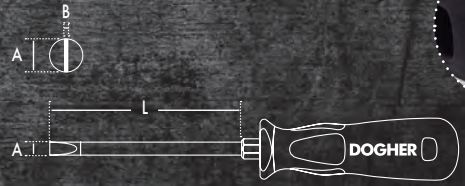
Part N°	€
303-080	59,61

The Industrial Serie Screwdrivers are composed by:

- Bimaterial Handle: Anti-slip elastomer.
- CrMo Round Blade: Highly resistant for professional use. Protected tips against possible oxidation.
- Hexagonal Bolster: Increases the torque.



CrMo 56HRc



315

Milled



A mm	B mm	L mm	Box	Part N°	€
5,5	1	125	10	315-055-125	7,88*
6,5	1,2	150	10	315-065-150	9,19*
8	1,2	175	10	315-080-175	11,81*
10	1,6	200	10	315-100-200	12,62*

\* Until end of stock

316

Stamped



A mm	B mm	L mm	Box	Part N°	€
5,5	1	125	10	316-055-125	7,88*
6,5	1,2	150	10	316-065-150	9,19*
8	1,2	175	10	316-080-175	11,81*
10	1,6	200	10	316-100-200	13,32*

\* Until end of stock

317

Phillips



Tip	L mm	Box	Part N°	€
PH1	100	10	317-PH1-100	6,91*
PH2	125	10	317-PH2-125	8,06*
PH3	150	10	317-PH3-150	11,76*
PH4	200	10	317-PH4-200	16,65*

318

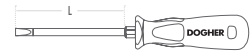
Pozidriv



Tip	L mm	Box	Part N°	€
PZ1	100	10	318-PZ1-100	6,91*
PZ2	125	10	318-PZ2-125	7,62*
PZ3	150	10	318-PZ3-150	11,11*
PZ4	200	10	318-PZ4-200	15,73*

\* Until end of stock





**EXP**

Counter Display of 12  
Industrial Series Screwdrivers

**12**  
Pcs

CrMo



230 x 210 x 155 mm

**315**



Milled  315-055-125 5,5x125 (x3)

 317-PH1-100 PH1x100 (x3)  
 317-PH2-125 PH2x125 (x3)

Stamped  316-065-150 6,5x150 (x3)



Part N°	€
315-020J	96,12*

\* Until end of stock

**319**

Torx Tamper



	L mm		Part N°	€
TS7	50	10	319-TS07	9,75*
TS8	60	10	319-TS08	9,75*
TS9	60	10	319-TS09	9,75*
TS10	80	10	319-TS10	9,75*
TS15	80	10	319-TS15	10,42*
TS20	100	10	319-TS20	10,42*
TS25	100	10	319-TS25	11,42*
TS27	115	10	319-TS27	11,42*
TS30	115	10	319-TS30	14,95*
TS40	130	10	319-TS40	15,10*
TS45	130	10	319-TS45	16,79*
TS50	150	10	319-TS50	18,57*

\* Until end of stock

**319**

Carton Box

**6**  
Pcs



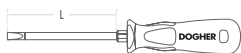
 TS10 • TS15 • TS20 • TS25 • TS30 • TS40

Part N°	€
319-001	78,56*

\* Until end of stock

# Screwdrivers

Industrial Series



321

Hexagonal



	L mm		Part N°	€
<b>HX2</b>	100	10	<b>321-HX020-100</b>	<b>8,88*</b>
<b>HX2,5</b>	100	10	<b>321-HX025-100</b>	<b>8,88*</b>
<b>HX3</b>	100	10	<b>321-HX030-100</b>	<b>9,18*</b>
<b>HX4</b>	100	10	<b>321-HX040-100</b>	<b>9,18*</b>
<b>HX5</b>	100	10	<b>321-HX050-100</b>	<b>9,18*</b>
<b>HX6</b>	125	10	<b>321-HX060-125</b>	<b>9,32*</b>
<b>HX8</b>	150	10	<b>321-HX080-150</b>	<b>12,31*</b>

323

Robertson



	L mm		Part N°	€
<b>R1</b>	100	10	<b>323-R1</b>	<b>7,52*</b>
<b>R2</b>	125	10	<b>323-R2</b>	<b>8,28*</b>
<b>R3</b>	150	10	<b>323-R3</b>	<b>10,15*</b>

**315**

Plastic Box



Milled 5,5 • 6,5 **PH1 • PH2 • PH3**

Part N°	€
<b>315-001</b>	<b>50,30 *</b>

\* Until end of stock

**315**

Plastic Box



Milled 5,5 • 6,5 **PZ1 • PZ2 • PZ3**

Part N°	€
<b>315-002</b>	<b>49,21 *</b>

\* Until end of stock

**315**

EVA Foam Tray



1/4 (375 x 140 x 30 mm)

Milled 5,5 • 6,5 **PH1 • PH2 • PH3**

Part N°	€
<b>315-080</b>	<b>53,05 *</b>

\* Until end of stock

**315**

EVA Foam Tray



1/4 (375 x 140 x 30 mm)

Milled 5,5 • 6,5 **PZ1 • PZ2 • PZ3**

Part N°	€
<b>315-081</b>	<b>51,96 *</b>

\* Until end of stock

Further Information about EVA Foam Trays

p. 20 • 35



Prof

## Professional Series

The Professional Serie Screwdrivers are composed by:

- Bimaterial Handle: Anti-slip elastomer
- CrMo Round Blade: Highly resistant for professional use. Protected tips against possible oxidation




### 330 Stamped



CrMo




A mm	B mm	L mm		Part N°	€
2,5	0,4	75	10	330-025-075	4,63
3	0,5	75	10	330-030-075	5,23
4	0,8	75	10	330-040-075	5,67
4	0,8	100	10	330-040-100	5,85
5,5	1	100	10	330-055-100	6,09
5,5	1	125	10	330-055-125	6,36
6,5	1,2	125	10	330-065-125	7,89
6,5	1,2	150	10	330-065-150	8,12
8	1,2	150	10	330-080-150	10,27
8	1,2	175	10	330-080-175	10,50
10	1,6	200	10	330-100-200	13,19

### 331 Milled



CrMo



A mm	B mm	L mm		Part N°	€
2,5	0,4	75	10	331-025-075	4,11
3	0,5	75	10	331-030-075	4,28
3	0,5	100	10	331-030-100	5,15
3,5	0,6	100	10	331-035-100	5,28
4	0,8	100	10	331-040-100	5,54
4	0,8	125	10	331-040-125	5,82
5,5	1	125	10	331-055-125	6,18
5,5	1	150	10	331-055-150	6,55
6,5	1,2	150	10	331-065-150	7,82

### 322 Carton Box

6 Pcs



Stamped

2,5 • 3 • 4 • 5,5 • 6,5 • 8



Part N°	€
330-009	47,19

### 375 Carton Box

6 Pcs

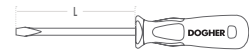


Milled

2,5 • 3 • 3,5 • 4 • 5,5 • 6,5



Part N°	€
331-001	41,23



**EXP**

12 Professional Series Screwdrivers

**12**  
Pcs

CrMo



230 x 210 x 155 mm

**330**



Stamped

- 330-040-100 4x100 (x3)
- 330-055-125 5,5x125 (x3)
- 334-PH1-100 PH1x100 (x3)
- 334-PH2-125 PH2x125 (x3)

Part N°

€

**330-020J**

**74,67**

**330**



Milled

- 331-040-100 4x100 (x3)
- 331-055-125 5,5x125 (x3)
- 334-PH1-100 PH1x100 (x3)
- 334-PH2-125 PH2x125 (x3)

Part N°

€

**330-021J**

**73,20**

**331**

Milled Extra Long Series



CrMo



A mm	B mm	L mm		Part N°	€
<b>3</b>	0,5	200	10	<b>331-030-200</b>	<b>8,12</b>
<b>4</b>	0,8	250	10	<b>331-040-250</b>	<b>11,81</b>
<b>5,5</b>	1	300	10	<b>331-055-300</b>	<b>13,56</b>
<b>6,5</b>	1,2	300	10	<b>331-065-300</b>	<b>15,30</b>

**331**

Milled Extra Short Series



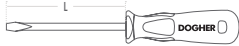
CrMo



A mm	B mm	L mm		Part N°	€
<b>5,5</b>	1	25	20	<b>331-055-025</b>	<b>5,82</b>
<b>6,5</b>	1,2	25	20	<b>331-065-025</b>	<b>6,86</b>

# Screwdrivers

## Professional Series



**334**

Phillips



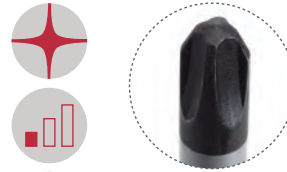
CrMo



	L mm		Part N°	€
<b>PH0</b>	75	10	<b>334-PH0-075</b>	<b>4,28</b>
<b>PH1</b>	100	10	<b>334-PH1-100</b>	<b>5,85</b>
<b>PH2</b>	125	10	<b>334-PH2-125</b>	<b>6,83</b>
<b>PH3</b>	150	10	<b>334-PH3-150</b>	<b>9,95</b>
<b>PH4</b>	200	10	<b>334-PH4-200</b>	<b>15,88</b>

**334**

Phillips Extra Short Series



CrMo



	L mm		Part N°	€
<b>PH1</b>	25	20	<b>334-PH1-025</b>	<b>6,92</b>
<b>PH2</b>	25	20	<b>334-PH2-025</b>	<b>7,15</b>

**334**

Phillips Extra Long Series



CrMo



	L mm		Part N°	€
<b>PH0</b>	200	10	<b>334-PH0-200</b>	<b>7,67</b>
<b>PH1</b>	250	10	<b>334-PH1-250</b>	<b>11,67</b>
<b>PH2</b>	300	10	<b>334-PH2-300</b>	<b>13,20</b>





**337**

Pozidriv



	L mm		Part N°	€
<b>PZ0</b>	75	10	<b>337-PZ0-075</b>	<b>5,04</b>
<b>PZ1</b>	100	10	<b>337-PZ1-100</b>	<b>6,21</b>
<b>PZ2</b>	125	10	<b>337-PZ2-125</b>	<b>7,22</b>
<b>PZ3</b>	150	10	<b>337-PZ3-150</b>	<b>10,95</b>

**337**

Pozidriv Extra Short Series



	L mm		Part N°	€
<b>PZ1</b>	25	20	<b>337-PZ1-025</b>	<b>6,92</b>
<b>PZ2</b>	25	20	<b>337-PZ2-025</b>	<b>7,15</b>

**337**

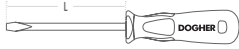
Pozidriv Extra Long Series



	L mm		Part N°	€
<b>PZ0</b>	200	10	<b>337-PZ0-200</b>	<b>10,28</b>
<b>PZ1</b>	250	10	<b>337-PZ1-250</b>	<b>11,97</b>
<b>PZ2</b>	300	10	<b>337-PZ2-300</b>	<b>13,89</b>

# Screwdrivers

Professional Series



## 341 Torx Tamper



	L mm		Part N°	€
<b>TS10</b>	80	10	<b>341-TS10</b>	<b>9,74</b>
<b>TS15</b>	80	10	<b>341-TS15</b>	<b>9,89</b>
<b>TS20</b>	100	10	<b>341-TS20</b>	<b>9,89</b>
<b>TS25</b>	100	10	<b>341-TS25</b>	<b>10,86</b>
<b>TS27</b>	115	10	<b>341-TS27</b>	<b>10,86</b>
<b>TS30</b>	115	10	<b>341-TS30</b>	<b>14,21</b>
<b>TS40</b>	130	10	<b>341-TS40</b>	<b>14,35</b>
<b>TS45</b>	130	10	<b>341-TS45</b>	<b>15,96</b>

## 340 Torx



	L mm		Part N°	€
<b>T4</b>	50	10	<b>340-T04</b>	<b>6,34</b>
<b>T5</b>	50	10	<b>340-T05</b>	<b>6,34</b>
<b>T6</b>	50	10	<b>340-T06</b>	<b>6,34</b>
<b>T7</b>	50	10	<b>340-T07</b>	<b>6,34</b>
<b>T8</b>	60	10	<b>340-T08</b>	<b>6,34</b>
<b>T9</b>	60	10	<b>340-T09</b>	<b>6,34</b>
<b>T10</b>	80	10	<b>340-T10</b>	<b>6,69</b>
<b>T15</b>	80	10	<b>340-T15</b>	<b>7,13</b>
<b>T20</b>	100	10	<b>340-T20</b>	<b>7,13</b>
<b>T25</b>	100	10	<b>340-T25</b>	<b>7,93</b>
<b>T27</b>	115	10	<b>340-T27</b>	<b>7,93</b>
<b>T30</b>	115	10	<b>340-T30</b>	<b>9,08</b>
<b>T40</b>	130	10	<b>340-T40</b>	<b>9,46</b>
<b>T50</b>	150	10	<b>340-T50</b>	<b>12,47</b>

## 342 Hexagonal



	L mm		Part N°	€
<b>HR5</b>	100	10	<b>342-HR050-100</b>	<b>7,56</b>
<b>HR6</b>	125	10	<b>342-HR060-125</b>	<b>9,10</b>
<b>HR8</b>	150	10	<b>342-HR080-150</b>	<b>11,77</b>

## 330 Interchangeable Professional Screwdriver Set

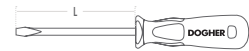


1 Blade holder handle  
10 Interchangeables blades with 2 different bits each

- 3 • 4
- PH0 • PH1
- PZ0 • PZ1
- T10 • T15
- HX2 • HX3
- 5,5 • 6,35
- PH2 • PZ2
- PZ/FL1 • PZ/FL2
- T20 • T25
- HX4 • HX5

Part N°	€
<b>330-050</b>	<b>70,99</b>





**322** Nut Driver



Hexagon	L mm	L <sub>1</sub> mm	Ø <sub>1</sub> mm	Box	Part N°	€
4	125	3	7	10	322-040-125	9,37
4,5	125	3	8	10	322-045-125	9,37
5	125	4	8	10	322-050-125	9,88
5,5	125	5	9	10	322-055-125	9,88
6	125	6	9	10	322-060-125	9,88
7	125	6	11	10	322-070-125	10,23
8	125	7	12	10	322-080-125	10,23
9	125	7	13	10	322-090-125	10,42
10	125	8	14	10	322-100-125	10,75
11	125	10	16	10	322-110-125	12,73
12	125	10	17	10	322-120-125	13,47
13	125	10	18	10	322-130-125	13,69

Hexagon	L mm	Box	Part N°	€
3/16"	125	10	322-3/16	9,88
1/4"	125	10	322-1/4	9,88
5/16"	125	10	322-5/16	10,23
11/32"	125	10	322-11/32	10,42
3/8"	125	10	322-3/8	10,75
7/16"	125	10	322-7/16	12,73
1/2"	125	10	322-1/2	13,47

**322** Carton Box

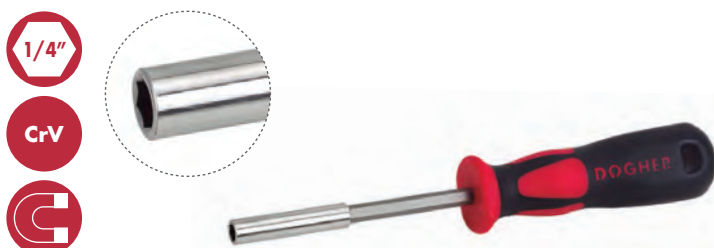


5,5 • 6 • 7 • 8 • 10 • 13

Part N°	€
322-001	71,16



**343** Magnetic Bit Holder



Hexagon	L mm	Box	Part N°	€
1/4"	100	10	343-001	13,11



# Screwdrivers

Professional Series



343

Flexible Hose Clamp

1/4"

CrV



	L mm		Part N°	€
1/4"	200	10	343-002	15,47

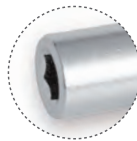
343

Extra Short Reversible Ratcheting Screwdriver

1/4"



CrV



	L <sub>2</sub> mm		Part N°	€
1/4"	110	10	343-006	12,85



343

Long Reach Flexible Screwdriver

1/4"

CrV



	L mm		Part N°	€
1/4"	500	10	343-005	26,25

343

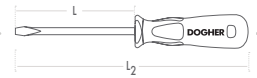
Spinner Handle for Sockets

1/4"

CrV



	L mm		Part N°	€
1/4"	50	10	343-004	10,28

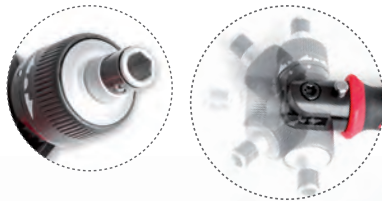


**343**

Flexible Ratcheting Screwdriver

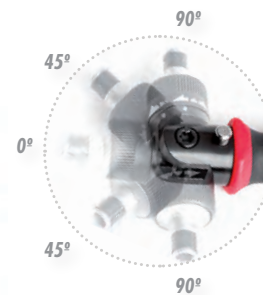
1/4"

CrV



**12**  
Pcs

230 x 210 x 155 mm



Part N°	€
<b>343-007J</b>	<b>238,68</b>

**438**

Screwdriver Bits Set With Flexible Ratcheting Screwdriver

**58**  
Pcs

1/4"

25  
mm



- 3 • 4 • 4,5 • 5 • 6 • 7 • 8
- HX1,5
- R0 • R1 • R2 • R3
- PH0 • PH1 • PH2 • PH3
- HXS2,0 • HXS2,5 • HXS3,0  
HXS4,0 • HXS5,0 • HXS6,0
- TW1 • TW2 • TW3 • TW4
- PZ0 • PZ1 • PZ2 • PZ3
- 1 • 2 • 3
- TQ06 • TQ08 • TQ10
- T5 • T6
- XZN4 • XZN5 • XZN6 • XZN8
- 4 • 6 • 8 • 10
- TS7 • TS8 • TS9 • TS10 • TS15 • TS20 • TS25 • TS30 • TS40

Adapter 1/4" 1/4"

Magnetic Bit Holder with Ring: 60 mm

Screwdriver Ref. 343-007

Part N°	€
<b>438-008</b>	<b>71,19</b>

# Screwdrivers

## Hook Picks



### 330 Hook Pick



L mm	Ø mm		Part N°	€
110	3,5	10	330-111	11,44

### 330 Combination Pick



L mm	Ø mm		Part N°	€
110	3,5	10	330-121	11,44

### 330 Straight Pick



L mm	Ø mm		Part N°	€
110	3,5	10	330-131	11,44

### 330 90° Pick



L mm	Ø mm		Part N°	€
110	3,5	10	330-141	11,44

### 330 Angle Hook Pick



L mm	Ø mm		Part N°	€
110	3,5	10	330-151	11,44

### 330 O-Ring



L mm	Ø mm		Part N°	€
110	3,5	10	330-161	11,44

### 330 Pick Hook in pouch bag

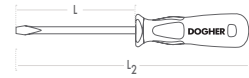
**6**  
Pcs



- Hook Pick 330-111 / 330-121
- Straight Pick 330-131
- 90° Pick 330-141
- Angle Hook Pick 330-151
- O-Ring 330-161

Part N°	€
330-101	68,63





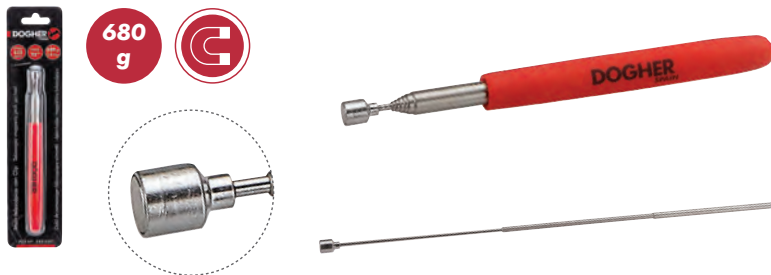
**343** Magnetic Finger



1 Kg CrV

L mm	L2 mm	→ ◯ ← mm		Part N°	€
395	505	18	10	343-003	33,17

**343** Telescopic Magnetic Pick up Tool



680 g

L mm	→ ◯ ← mm	Part N°	€
635	7	343-020	10,91

**343** Flexible Magnetic Pick Up Tool



680 mm

27"

1kg

Part N°	€
343-021	40,28

• Anti Magnetic Cover.

PATENTED



**343** Flexible 3 Claws Pick Up Tool



700 mm

27,5"

1,2kg

Part N°	€
343-026	40,13



# Screwdrivers

Professional Series Sets



343

T Handle Ratcheting Screwdriver with Bits



8 Pcs



220 x 175 x 240 mm

Part N°	€
343-008J	202,24

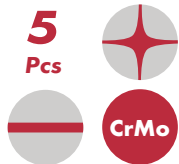
Part N°	€
1/4" 343-008	25,28

Stamped 3 • 4 • 5 PH1 • PH2 • PH3



330

Plastic Box



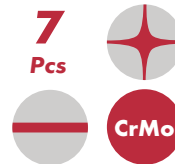
Stamped 5,5 • 6,5

PH1 • PH2 • PH3

Part N°	€
330-001	43,38

330

Plastic Box



Stamped 3 • 4 • 5,5 • 6,5

PH0 • PH1 • PH2

Part N°	€
330-003	49,02

330

Plastic Box



Stamped 5,5 • 6,5

PZ1 • PZ2 • PZ3

Part N°	€
330-002	45,13

330

Plastic Box



Stamped 3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2

Part N°	€
330-004	50,53

**330**

EVA Foam Tray

**5**  
Pcs

CrMo



Stamped

4,5,5

PH1 • PH2 • PH3



Part N°

€

**330-085**

**44,09**

Stamped

5,5 • 6,5

PH1 • PH2 • PH3



Part N°

€

**330-080**

**46,13\***

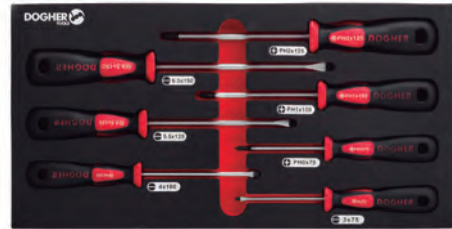
\* Until end of stock

**330**

EVA Foam Tray

**7**  
Pcs

CrMo



Stamped

3 • 4 • 5,5 • 6,5

1/3 (375 x 188 x 30 mm)

PH0 • PH1 • PH2



Part N°

€

**330-082**

**55,02**

**330**

EVA Foam Tray

**5**  
Pcs

CrMo



1/4 (375 x 140 x 30 mm)

Stamped

5,5 • 6,5

PZ1 • PZ2 • PZ3



Part N°

€

**330-081**

**47,88**

Further Information

p. 20 • 35

**330**

EVA Foam Tray

**7**  
Pcs

CrMo



1/3 (375 x 188 x 30 mm)

Stamped

3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2



Part N°

€

**330-083**

**56,53**

**340**

Carton Box

**6**  
Pcs

S2



T10 • T15 • T20 • T25 • T30 • T40

Part N°

€

**340-001**

**53,92**





These series are composed by the internal union of 2 steel pieces.  
The handle is composed by an anti-slip thermoplastic elastomer that allows to transfer the maximum torque.

## Go-through Professional Series



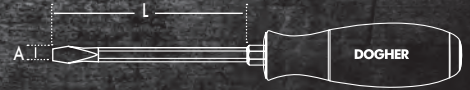
Hex Bolster

Bimaterial Handle



Hex Blade

**S2** 58HRc



**375**

Stamped



**S2**



A mm	B mm	L mm		Part N°	€
5,5	1	100	10	375-055-100	9,62
6,5	1,2	125	10	375-065-125	12,25
8	1,2	150	10	375-080-150	13,28
10	1,6	175	10	375-100-175	15,16

**376**

Phillips



**S2**



	L mm		Part N°	€
PH1	100	10	376-PH1-100	8,60
PH2	125	10	376-PH2-125	9,99
PH3	150	10	376-PH3-150	15,04
PH4	200	10	376-PH4-200	16,72

**377**

Pozidriv



**S2**



	L mm		Part N°	€
PZ1	100	10	377-PZ1-100	9,39
PZ2	125	10	377-PZ2-125	10,91
PZ3	150	10	377-PZ3-150	19,48

**375**

Plastic Box

**5**  
Pcs



5,5 • 6,5 Stamped

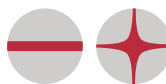
PH1 • PH2 • PH3

Part N°	€
375-001	62,00

**322**

Carton Box

**6**  
Pcs



5,5 • 6,5 • 8 Stamped

PH1 • PH2 • PH3

Part N°	€
375-005	75,28

# Precision Professional Series

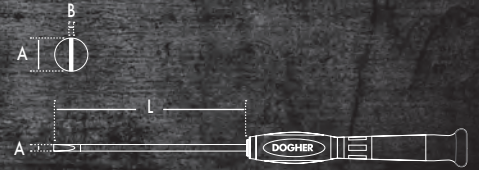
Precision Screwdriver are composed by a nice touch bimaterial handle and a High Performance CrMo Round Blade. The rotating top cap facilitates high precision work.



Bimaterial Handle

Round Blade

CrMo 56HRc



## 380 Milled



CrMo



A mm	B mm	L mm		Part N°	€
1	0,25	50	10	380-010-050	4,84
1,2	0,25	50	10	380-012-050	4,84
1,5	0,25	50	10	380-015-050	4,84
1,8	0,4	50	10	380-018-050	4,84
2	0,4	50	10	380-020-050	4,84
2,5	0,4	50	10	380-025-050	4,84
3	0,6	50	10	380-030-050	4,84
3,5	0,7	50	10	380-035-050	4,84
4	0,8	50	10	380-040-050	4,84

## 381 Phillips



CrMo



	L mm		Part N°	€
PH000	50	10	381-PH000-050	5,04
PH00	50	10	381-PH00-050	4,84
PH0	50	10	381-PH0-050	4,84
PH1	50	10	381-PH1-050	4,84

## 382 Pozidriv



CrMo



	L mm		Part N°	€
PZO	50	10	382-PZO-050	4,84
PZ1	50	10	382-PZ1-050	4,84

## 383 Torx Tamper



S2



	L mm		Part N°	€
TS5	50	10	383-TS05	4,84
TS6	50	10	383-TS06	4,84
TS7	50	10	383-TS07	4,84
TS8	50	10	383-TS08	4,84
TS9	50	10	383-TS09	4,84
TS10	50	10	383-TS10	4,84



# Screwdrivers

Precision Professional Series



**384**

Hexagonal



CrMo



	L mm		Part N°	€
<b>HR0,7</b>	50	10	<b>384-HR007</b>	<b>4,84</b>
<b>HR0,9</b>	50	10	<b>384-HR009</b>	<b>4,84</b>
<b>HR1,2</b>	50	10	<b>384-HR012</b>	<b>4,84</b>
<b>HR1,3</b>	50	10	<b>384-HR013</b>	<b>4,84</b>
<b>HR1,5</b>	50	10	<b>384-HR015</b>	<b>4,84</b>
<b>HR2</b>	50	10	<b>384-HR020</b>	<b>4,84</b>
<b>HR2,5</b>	50	10	<b>384-HR025</b>	<b>4,84</b>

**385**

Torx Plus



CrMo



	L mm		Part N°	€
<b>TP1 *</b>	50	10	<b>385-TP01</b>	<b>6,13</b>
<b>TP5</b>	50	10	<b>385-TP05</b>	<b>5,90</b>
<b>TP6</b>	50	10	<b>385-TP06</b>	<b>5,90</b>

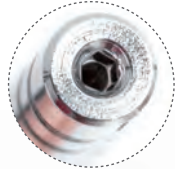
\* Suitable for iPhone

**386**

Nut Screwdriver



CrV



	L mm		Part N°	€
<b>1,5</b>	50	10	<b>386-015</b>	<b>7,08</b>
<b>2</b>	50	10	<b>386-020</b>	<b>7,08</b>
<b>2,5</b>	50	10	<b>386-025</b>	<b>6,96</b>
<b>3</b>	50	10	<b>386-030</b>	<b>6,96</b>
<b>3,5</b>	50	10	<b>386-035</b>	<b>6,96</b>
<b>4</b>	50	10	<b>386-040</b>	<b>6,85</b>
<b>4,5</b>	50	10	<b>386-045</b>	<b>6,85</b>
<b>5</b>	50	10	<b>386-050</b>	<b>6,85</b>
<b>5,5</b>	50	10	<b>386-055</b>	<b>6,85</b>
<b>6</b>	50	10	<b>386-060</b>	<b>6,85</b>

**399**

Tri Wing



CrMo



	L mm		Part N°	€
<b>TW000</b>	50	10	<b>399-TW000</b>	<b>5,29</b>
<b>TW00</b>	50	10	<b>399-TW00</b>	<b>5,29</b>
<b>TW0</b>	50	10	<b>399-TW0</b>	<b>5,29</b>
<b>TW1</b>	50	10	<b>399-TW1</b>	<b>5,29</b>



**380**

Plastic Box

**6**  
Pcs



CrMo



2 • 2,5 • 3

PH00 • PH0 • PH1



Part N°	€
380-001	35,54

**380**

Plastic Box

**7**  
Pcs



CrMo



1,5 • 2 • 2,5 • 3

PH00 • PH0 • PH1



Part N°	€
380-002	40,38

**380**

Plastic Box

**8**  
Pcs



CrMo



2 • 2,5 • 3 • 3,5 • 4

PH00 • PH0 • PH1



Part N°	€
380-003	45,22

**383**

Plastic Box

**8**  
Pcs



S2



TS05 • TS06 • TS07 • TS08 • TS09 • TS10 • TS15 • TS20

Part N°	€
383-001	44,15

# Screwdrivers

Precision Professional Series Sets



380

Precision Smartphone Repairing Bit Set

11  
Pcs



T5 • T6

TP1 • TP5 • TP6

PH000

TRW1



Part N°	€
380-004	24,90



380

10 Precision Smartphone Repairing Bit Sets

10  
Pcs



Part N°	€
380-004J	249,00

230 x 210 x 155 mm

380

Precision Screwdriver Bit Set

51  
Pcs

CrMo



1 • 1,5 • 2 • 2,5 • 3 • 3,5 • 4

PH000 • PH00 • PH0 • PH1

PZ000 • PZ00 • PZ0 • PZ1 • PZ2

T3 • T4 • T5 • T6 • T7  
T8 • T9 • T10 • T15 • T20

TS7 • TS8 • TS9 • TS10 • TS15 • TS20

HX0,7 • HX0,9 • HX1,3 • HX1,5 • HX2,0  
HX2,5 • HX3,0 • HX3,5 • HX4,0

HS2,0 • HS2,5 • HS3,0 • HS4,0

HR1,5 • HR2,0 • HR2,5 • HR3,0 • HR4,0

Part N°	€
380-005	75,67

The Standard Serie Screwdrivers are composed by Bimaterial Handles and CrV Round Blades.

## Standard Series

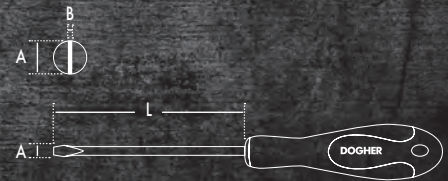
std



Bimaterial Handle

Round Blade


CrV 54HRc



345

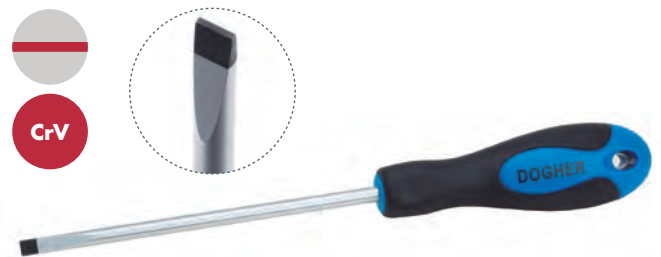
Stamped




A mm	B mm	L mm		Part N°	€
3	0,5	75	10	345-030-075	3,30
4	0,8	75	10	345-040-075	3,60
4	0,8	100	10	345-040-100	3,79
5,5	1	100	10	345-055-100	4,03
5,5	1	125	10	345-055-125	4,64
6,5	1,2	125	10	345-065-125	6,08
8	1,2	150	10	345-080-150	7,10
8	1,2	175	10	345-080-175	7,71
10	1,6	200	10	345-100-200	9,00

346

Milled




A mm	B mm	L mm		Part N°	€
2,5	0,4	75	10	346-025-075	3,31
3	0,5	75	10	346-030-075	3,41
3	0,5	100	10	346-030-100	3,43
3,5	0,6	100	10	346-035-100	3,43
4	0,8	100	10	346-040-100	4,41
4	0,8	125	10	346-040-125	4,55
5,5	1	125	10	346-055-125	5,27
5,5	1	150	10	346-055-150	5,39
6,5	1,2	150	10	346-065-150	6,59

346

Milled Extra Long Series

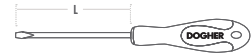


A mm	B mm	L mm		Part N°	€
3	0,5	200	10	346-030-200	6,56
4	0,8	250	10	346-040-250	7,11
5,5	1	300	10	346-055-300	7,91
6,5	1,2	300	10	346-065-300	9,63



# Screwdrivers

Standard Series



346

Milled Extra Short Series



A mm	B mm	L mm		Part N°	€
5,5	1	25	10	346-055-025	4,85
6,5	1,2	25	10	346-065-025	5,39

347

Phillips Extra Long Series



	L mm		Part N°	€
PH0	200	10	347-PH0-200	6,51
PH1	250	10	347-PH1-250	6,80
PH2	300	10	347-PH2-300	8,44

347

Phillips



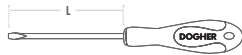
	L mm		Part N°	€
PH0	75	10	347-PH0-075	3,54
PH1	100	10	347-PH1-100	4,27
PH2	150	10	347-PH2-150	5,07
PH3	150	10	347-PH3-150	8,14
PH4	200	10	347-PH4-200	12,04

347

Phillips Extra Short Series



	L mm		Part N°	€
PH1	25	10	347-PH1-025	4,67
PH2	25	10	347-PH2-025	5,07



**348**

Pozidriv Extra Long Series



	L mm		Part N°	€
<b>PZ0</b>	200	10	<b>348-PZ0-200</b>	<b>7,17</b>
<b>PZ1</b>	250	10	<b>348-PZ1-250</b>	<b>7,50</b>
<b>PZ2</b>	300	10	<b>348-PZ2-300</b>	<b>9,29</b>

**348**

Pozidriv



	L mm		Part N°	€
<b>PZ0</b>	75	10	<b>348-PZ0-075</b>	<b>3,54</b>
<b>PZ1</b>	100	10	<b>348-PZ1-100</b>	<b>4,27</b>
<b>PZ2</b>	125	10	<b>348-PZ2-125</b>	<b>5,07</b>
<b>PZ3</b>	150	10	<b>348-PZ3-150</b>	<b>8,14</b>

**348**

Pozidriv Extra Short Series



	L mm		Part N°	€
<b>PZ1</b>	25	10	<b>348-PZ1-025</b>	<b>4,67</b>
<b>PZ2</b>	25	10	<b>348-PZ2-025</b>	<b>5,07</b>

**349**

Torx

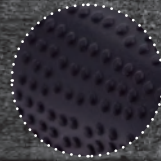


	L mm		Part N°	€
<b>T4</b>	75	10	<b>349-T04</b>	<b>4,99</b>
<b>T5</b>	75	10	<b>349-T05</b>	<b>4,99</b>
<b>T6</b>	75	10	<b>349-T06</b>	<b>4,99</b>
<b>T7</b>	75	10	<b>349-T07</b>	<b>4,99</b>
<b>T8</b>	75	10	<b>349-T08</b>	<b>4,99</b>
<b>T9</b>	75	10	<b>349-T09</b>	<b>4,99</b>
<b>T10</b>	75	10	<b>349-T10</b>	<b>5,30</b>
<b>T15</b>	100	10	<b>349-T15</b>	<b>5,30</b>
<b>T20</b>	100	10	<b>349-T20</b>	<b>5,30</b>
<b>T25</b>	125	10	<b>349-T25</b>	<b>6,14</b>
<b>T27</b>	125	10	<b>349-T27</b>	<b>6,25</b>
<b>T30</b>	150	10	<b>349-T30</b>	<b>7,19</b>
<b>T40</b>	150	10	<b>349-T40</b>	<b>8,34</b>
<b>T50</b>	175	10	<b>349-T50</b>	<b>9,56</b>



## Anti-Slip Handle Professional Series

Anti-slip handle specially developed to work in environments with oil presence. The materials are highly resistant to these aggressive products.



Anti-Slip Handle



Round Blade



CrMo 56HRc



351

Milled



CrMo



A mm	B mm	L mm		Part N°	€
3	0,5	100	10	351-030-100	5,65
4	0,8	125	10	351-040-125	6,02
5,5	1	150	10	351-055-150	6,66
6,5	1,2	150	10	351-065-150	8,47

354

Torx



S2



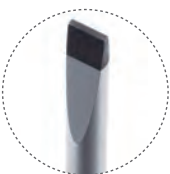
	L mm		Part N°	€
T6	50	10	354-T06	6,62
T7	50	10	354-T07	6,62
T8	60	10	354-T08	6,62
T9	60	10	354-T09	6,62
T10	80	10	354-T10	7,00
T15	80	10	354-T15	7,46
T20	100	10	354-T20	7,46
T25	100	10	354-T25	8,28
T27	115	10	354-T27	8,28
T30	115	10	354-T30	10,55
T40	130	10	354-T40	10,99
T45	130	10	354-T45	13,84
T50	150	10	354-T50	14,98

351

Milled Long Series

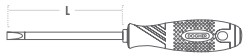


CrMo



A mm	B mm	L mm		Part N°	€
3	0,5	200	10	351-030-200	8,48
4	0,8	250	10	351-040-250	12,35
5,5	1	300	10	351-055-300	14,18
6,5	1,2	300	10	351-065-300	15,99





**352**

Phillips



CrMo



	L mm		Part N°	€
<b>PH0</b>	75	10	<b>352-PH0-075</b>	<b>4,47</b>
<b>PH1</b>	100	10	<b>352-PH1-100</b>	<b>5,94</b>
<b>PH2</b>	125	10	<b>352-PH2-125</b>	<b>6,91</b>
<b>PH3</b>	150	10	<b>352-PH3-150</b>	<b>10,40</b>

**353**

Pozidriv



CrMo



	L mm		Part N°	€
<b>PZ0</b>	75	10	<b>353-PZ0-075</b>	<b>5,25</b>
<b>PZ1</b>	100	10	<b>353-PZ1-100</b>	<b>6,49</b>
<b>PZ2</b>	125	10	<b>353-PZ2-125</b>	<b>7,54</b>
<b>PZ3</b>	150	10	<b>353-PZ3-150</b>	<b>11,45</b>

**352**

Phillips Extra Long Series



CrMo



	L mm		Part N°	€
<b>PH0</b>	200	10	<b>352-PH0-200</b>	<b>8,02</b>
<b>PH1</b>	250	10	<b>352-PH1-250</b>	<b>12,51</b>
<b>PH2</b>	300	10	<b>352-PH2-300</b>	<b>14,52</b>

**353**

Pozidriv Extra Long Series



CrMo



	L mm		Part N°	€
<b>PZ1</b>	250	10	<b>353-PZ1-250</b>	<b>12,51</b>
<b>PZ2</b>	300	10	<b>353-PZ2-300</b>	<b>14,52</b>

# Screwdrivers

Anti-Slip Professional Series Sets



351

Plastic Box

**6**  
Pcs

**CrMo**



Milled 3 • 4 • 5,5 • 6,5 PH1 • PH2

Part N°	€
351-001	46,15

351

Plastic Box

**6**  
Pcs

**CrMo**



Milled 3 • 4 • 5,5 • 6,5 PZ1 • PZ2

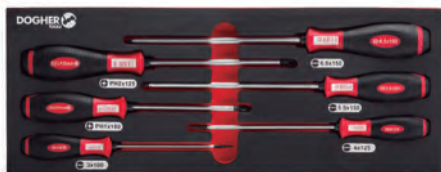
Part N°	€
351-002	47,33

351

EVA Foam Tray

**6**  
Pcs

**CrMo**



1/4 (375 x 140 x 30 mm)

Milled 3 • 4 • 5,5 • 6,5 PH1 • PH2

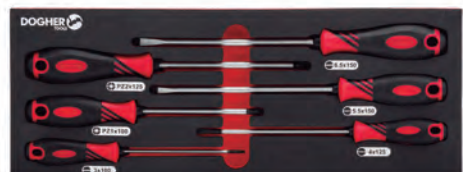
Part N°	€
351-080	48,90

351

EVA Foam Tray

**6**  
Pcs

**CrMo**



1/4 (375 x 140 x 30 mm)

Milled 3 • 4 • 5,5 • 6,5 PZ1 • PZ2

Part N°	€
351-081	50,08

Further Information about Storage and EVA Foam Trays in Pages:

p. 20 • 35

The VDE Serie Screwdrivers are manufactured with highly insulating compounds allowing to work safely in voltages up to 1000 V. Each screwdriver has been tested to 10000V test. IEC 60900.

## Insulated Professional Series



Round Insulated Blade

VDE Certificate



**360**

Milled



A mm	B mm	L mm		Part N°	€
2,5	0,4	75	10	360-025-075	6,73
3	0,5	100	10	360-030-100	7,38
3,5	0,5	100	10	360-035-100	7,92
4	0,8	100	10	360-040-100	7,98
5,5	1	125	10	360-055-125	11,25
6,5	1,2	150	10	360-065-150	12,46
8	1,6	175	10	360-080-175	13,85

**361**

Phillips



	L mm		Part N°	€
PH0	60	10	361-PH0-060	7,52
PH1	80	10	361-PH1-080	9,37
PH2	100	10	361-PH2-100	11,76
PH3	150	10	361-PH3-150	15,35

**367**

Milled



SLIM



**SLIM** SLIM: Extra fine diameter isolated blade specifically designed to provide access to reduced spaces.

A mm	Ø mm	B mm	L mm		Part N°	€
3,5	3,5	0,5	100	10	367-035-100	9,74
4	4	0,8	100	10	367-040-100	9,82
5,5	5,5	1	125	10	367-055-125	13,83

**367**

Phillips



SLIM

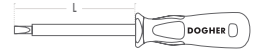


	Ø mm	L mm		Part N°	€
PH1	5,5	80	10	367-PH1-080	11,52
PH2	6,5	100	10	367-PH2-100	14,46



# Screwdrivers

Insulated Professional Series



**362**

Pozidriv



	L mm		Part N°	€
<b>PZ0</b>	60	10	<b>362-PZ0-060</b>	<b>7,52</b>
<b>PZ1</b>	80	10	<b>362-PZ1-080</b>	<b>9,37</b>
<b>PZ2</b>	100	10	<b>362-PZ2-100</b>	<b>12,34</b>
<b>PZ3</b>	150	10	<b>362-PZ3-150</b>	<b>16,92</b>

**363**

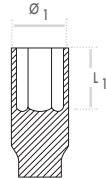
Insulated MCB/MCCB Screwdrivers



	L mm		Part N°	€
<b>PHFL1</b>	60	10	<b>363-PHFL1</b>	<b>15,84</b>
<b>PHFL2</b>	80	10	<b>363-PHFL2</b>	<b>15,84</b>

**364**

Nut Driver



	L mm	L <sub>1</sub> mm	Ø <sub>1</sub> mm		Part N°	€
<b>4</b>	125	5	10	10	<b>364-04</b>	<b>16,88</b>
<b>5</b>	125	5	12	10	<b>364-05</b>	<b>16,88</b>
<b>6</b>	125	5	13	10	<b>364-06</b>	<b>16,88</b>
<b>7</b>	125	6	13	10	<b>364-07</b>	<b>18,52</b>
<b>8</b>	125	6	14	10	<b>364-08</b>	<b>18,92</b>
<b>9</b>	125	7	15	10	<b>364-09</b>	<b>19,81</b>
<b>10</b>	125	8	16	10	<b>364-10</b>	<b>20,42</b>
<b>11</b>	125	9	18	10	<b>364-11</b>	<b>22,03</b>
<b>12</b>	125	10	19	10	<b>364-12</b>	<b>25,05</b>
<b>13</b>	125	10	20	10	<b>364-13</b>	<b>27,64</b>

**360**

Magnetic Bit Holder



	L mm		Part N°	€
<b>1/4"</b>	100	10	<b>360-050</b>	<b>11,69</b>

**360**

Plastic Box

**7**  
Pcs



Milled 3 • 4 • 5,5 • 6,5 **PH0 • PH1 • PH2**

Part N°	€
360-001	74,22

**360**

Plastic Box

**7**  
Pcs



Milled 3 • 4 • 5,5 • 6,5 **PZ0 • PZ1 • PZ2**

Part N°	€
360-002	74,80

**364**

Plastic Box

**6**  
Pcs



5 • 6 • 8 • 9 • 10 • 12

Part N°	€
364-001	124,46

**360**

Carton Box

**6**  
Pcs



Milled 3 • 4 • 5,5 • 6,5 **PH1 • PH2**

Part N°	€
360-005	66,70

**360**

Carton Box

**6**  
Pcs



Milled 3 • 4 • 5,5 • 6,5 **PZ1 • PZ2**

Part N°	€
360-006	67,28

# Screwdrivers

Insulated Professional Series Sets

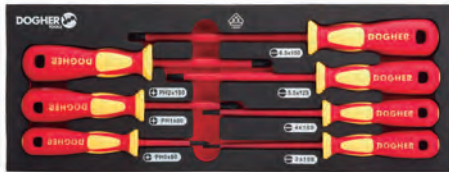


360

EVA Foam Tray

7  
Pcs

CrMo



1/4 (375 x 140 x 30 mm)

Milled



3 • 4 • 5,5 • 6,5

PH0 • PH1 • PH2



Part N°	€
360-080	76,97

360

EVA Foam Tray

7  
Pcs

CrMo



1/4 (375 x 140 x 30 mm)

Milled



3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2



Part N°	€
360-081	77,55

330

EVA Foam Tray

10  
Pcs



1/3 (375 x 188 x 30 mm)

Milled



4 • 5,5 • 6,5

PH1 • PH2



Stamped



4 • 5,5 • 6,5

PH1 • PH2



Part N°	€
330-084	98,33

Further Information about EVA Foam Trays

p. 20 • 35

360

Set Zipping

5  
Pcs



Insulated Diagonal Cutting Ref. 255-160

Milled



4 • 5,5

PH1 • PH2



Part N°	€
360-008	88,69

Insulated Diagonal Cutting Ref. 255-160

Milled



4 • 5,5

PZ1 • PZ2



Part N°	€
360-009	89,27

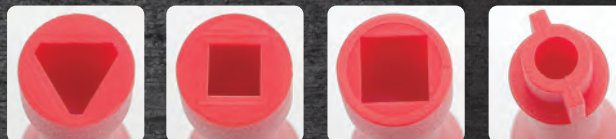


# Screwdrivers

VDE tools set. Manufactured according to IEC 60900 regulations.



VDE Certificate



• 4 Screwdrivers, Specials for electric sector

## VDE Case

080

VDE Case

19  
Pcs



390 mm  
675 mm  
705 mm

Part N°	€
080-001	267,67

	Insulated Milled Screwdriver	360-025-075 360-040-100 360-055-125 360-065-150 360-080-175
	Insulated Phillips Screwdriver	361-PH0-060 361-PH1-080 361-PH2-100
	Insulated Heavy duty diagonal plier	255-160
	Insulated combination plier	250-180
	Insulated long nose plier with cut	251-200
	Insulated wire stripping plier	257-160
	4 VDE Universal Screwdrivers + cup	
	Tester	396-001
	2 insulating tape roll	

080

VDE Screwdrivers Spare Parts



TRIANGULAR

Part N°	€
080-020	6,11



SQUARED 8 mm

Part N°	€
080-022	6,11



SQUARED 6 mm

Part N°	€
080-021	6,11



CIRCULAR

Part N°	€
080-023	6,11



# Screwdrivers

## Interchangeable Professional Screwdriver Sets



360

### Interchangeable Professional Screwdriver Set

14  
Pcs



1 T Handle  
1 Cup  
1 Tester  
11 Interchangeable Blades:

- 2,5 • 3,5 • 4,0 • 5,5 • 6,5
- PH0 • PH1 • PH2
- T10 • T15 • T20

Part N°	€
360-011	92,70

360

### Interchangeable Professional Screwdriver Set

14  
Pcs



1 Handle  
1 Cup  
1 Tester  
11 Interchangeable Blades:

- 2,5 • 3,5 • 4,0 • 5,5 • 6,5
- PH0 • PH1 • PH2
- T10 • T15 • T20

Part N°	€
360-012	77,83

360

### Interchangeable Professional Screwdriver Set

13  
Pcs



1 Handle  
1 Tester  
11 Interchangeable Blades:

- 2,5 • 3,0 • 3,5 • 4,0 • 5,5 • 6,0
- PH0 • PH1 • PH2
- PZ/FL1 • PZ/FL2

Part N°	€
360-013	101,86



The VDE Serie Screwdrivers are manufactured with highly insulating compounds allowing to work safely in voltages up to 1000 V. Each screwdriver has been tested to 10000V test. IEC 60900.

The screwdriver cup facilitates the precision works

## Insulated Precision Professional Series



Round Insulated Blade

CrMo

Bimaterial Handle



VDE Certificate



**365**

Milled



**366**

Phillips



A mm	B mm	L mm		Part N°	€
<b>1,5</b>	0,4	65	10	<b>365-015-065</b>	<b>7,91</b>
<b>2</b>	0,4	65	10	<b>365-020-065</b>	<b>7,91</b>
<b>2,5</b>	0,4	65	10	<b>365-025-065</b>	<b>7,91</b>
<b>3</b>	0,5	65	10	<b>365-030-065</b>	<b>7,91</b>

	L mm		Part N°	€
<b>PH00</b>	65	10	<b>366-PH00-065</b>	<b>7,91</b>
<b>PH0</b>	65	10	<b>366-PH0-065</b>	<b>7,91</b>
<b>PH1</b>	65	10	<b>366-PH1-065</b>	<b>7,91</b>



# Screwdrivers

Insulated Precision - Sets



365

Plastic Box

6  
Pcs



2 • 2,5 • 3 PH00 • PH0 • PH1

Part N°	€
365-001	53,96

365

Plastic Box

7  
Pcs



1,5 • 2 • 2,5 • 3 PH00 • PH0 • PH1

Part N°	€
365-002	61,87



## Professional ESD Series

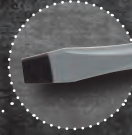
The ESD Professional Series are developed with a High resistance conductive plastic allowing Static Charge. The Hexagonal Bolster and the CrMo Round Blade provide great resistance in high tightening torques.



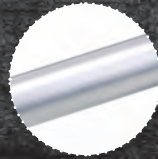
Hex Bolster



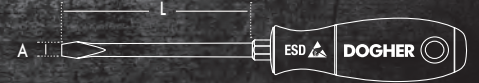
Electrostatic Discharging Handle



Round Blade



CrMo 56HRc



387

Stamped



A mm	B mm	L mm		Part N°	€
5	1	100	10	387-050-100*	7,82
5	1	125	10	387-050-125*	8,18
6	1,2	150	10	387-060-150	10,13
6	1,2	200	10	387-060-200	10,42
8	1,2	150	10	387-080-150	13,19
8	1,2	200	10	387-080-200	13,19

\* No Bolster

388

Phillips



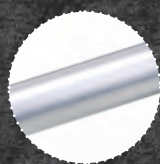
	L mm		Part N°	€
PH0	75	10	388-PH0-075*	5,50
PH1	100	10	388-PH1-100*	7,32
PH2	125	10	388-PH2-125	8,49
PH3	150	10	388-PH3-150	12,78

\* No Bolster



The ESD Precision Series are composed by a High resistance conductive plastic allowing Static Charge and free Rotating tail cup. It prevents discharges that can potentially damage sensitive electronics.

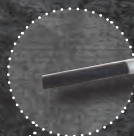
## Precision Professional ESD Series



Round Blade



Electrostatic Discharging Handle



CrMo 56HRc



### 390

Milled



CrMo



A mm	B mm	L mm		Part N°	€
1	0,25	50	10	390-010-050	5,17
1,2	0,25	50	10	390-012-050	5,17
1,5	0,25	50	10	390-015-050	5,17
1,8	0,4	50	10	390-018-050	5,17
2	0,4	50	10	390-020-050	5,17
2,4	0,4	50	10	390-024-050	5,17
3	0,6	50	10	390-030-050	5,17
3,5	0,7	50	10	390-035-050	5,17

### 391

Phillips



CrMo



	L mm		Part N°	€
PH000	50	10	391-PH000-050	5,31
PH00	50	10	391-PH00-050	5,17
PH0	50	10	391-PH0-050	5,17

### 392

Pozidriv



CrMo



	L mm		Part N°	€
PZ0	50	10	392-PZ0-050	5,17





**393**

Torx Tamper



	L mm		Part N°	€
TS5	50	10	393-TS05	5,17
TS6	50	10	393-TS06	5,17

**394**

Hexagonal



	L mm		Part N°	€
HR0,7	50	10	394-HR007	5,17
HR0,9	50	10	394-HR009	5,17
HR1,3	50	10	394-HR013	5,17
HR1,5	50	10	394-HR015	5,17
HR2	50	10	394-HR020	5,17

**390**

Plastic Box

**6**  
Pcs



2 • 2,4 • 3 PH000 • PH00 • PH0

Part N°	€
390-001	37,66

**390**

Plastic Box

**7**  
Pcs



1,5 • 2 • 2,4 • 3 PH000 • PH00 • PH0

Part N°	€
390-002	42,83

# Screwdrivers

## Additional Screwdrivers



398

Impact Screwdriver

16  
Pcs



5/16" • Screwdriver Bits

HX4 • HX5 • HX6 • HX8

T25 • T30 • T40

PH2 • PH3 • PH4

8 • 10 • 12

Square Drive Bit Holder

3-Way adapter

5/16" ▶ ◀ 1/2"

• 3/8" 5/16"

Impact Screwdriver

1/2"

Part N°	€
398-001	63,05

• See Screwdriver Bits in pages. 178-179

396

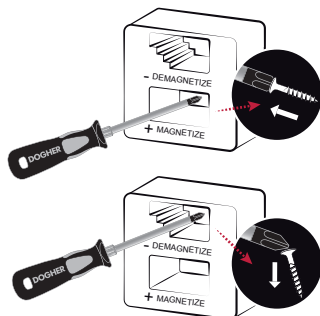
Tester



A mm	B mm	L mm		Part N°	€
3	0,5	65	10	396-001	6,67

396

Magnetizer - Demagnetizer



Part N°	€
396-002	11,46



**DOGHER**   
 © TOOLS  
*Making Solutions*

<p>25 mm 1/4"</p> 	166	<p>30 mm 75 mm 5/16"</p> 	178
<p>50 mm 90 mm 1/4"</p> 	169	<p>30 mm 75 mm 10 mm</p> 	181
<p>110 mm 125 150 mm 200/250 mm 1/4"</p> 	171		182
<p>25 mm 1/4" TiN</p> 	174		183
<p>30 mm 1/4" Bluefire</p> 	175		185
<p>50 mm 75 mm 100/150 mm 1/4"</p> 	176		

# Screwdriver Bits

# 400



# Screwdriver Bits

Forged Bit with a geometry that allows a perfect join with the screw. It offers high torsion breakage resistance.

1/4" • 25 mm



25 mm

1/4"

S2

• Indicated packaging qty is the minimum to be ordered.



400

Phillips



Logo	Qty	Part N°	€/Qty	Qty	Part N°	€/Qty
	-	-		10	400-PH0-10	12,86
	2	400-PH1-2	2,63	10	400-PH1-10	7,59
	2	400-PH2-2	2,63	10	400-PH2-10	7,59
	2	400-PH3-2	2,63	10	400-PH3-10	7,59
	-	-		10	400-PH4-10	12,86*

\* Until end of stock

400

3 Screwdriver Bits Box Phillips



3 Screwdriver Bits Box



PH1 • PH2 • PH3

Part N°	€
400-001	3,28

401

Pozidriv



Logo	Qty	Part N°	€/Qty	Qty	Part N°	€/Qty
	-	-		10	401-PZ0-10	12,86
	2	401-PZ1-2	2,63	10	401-PZ1-10	7,59
	2	401-PZ2-2	2,63	10	401-PZ2-10	7,59
	2	401-PZ3-2	2,63	10	401-PZ3-10	7,59
	-	-		10	401-PZ4-10	12,86*

\* Until end of stock

401

3 Screwdriver Bits Box Pozidriv



3 Screwdriver Bits Box

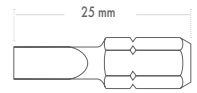


PZ1 • PZ2 • PZ3

Part N°	€
401-001	3,28

1/4" • 25 mm

25 mm 1/4" S2



• Indicated packaging qty is the minimum to be ordered.

## 400 Screwdriver Displays

10 Screwdriver bit boxes



Part N°	€
400-001J	75,90

10 Screwdriver bit boxes



Part N°	€
400-002J	75,90

5 Screwdriver bit boxes



Part N°	€
400-003J	75,90

3 Screwdriver bit boxes



Part N°	€
400-004J	107,10

1 Screwdriver bit box



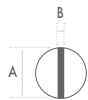
2 Magnetic bit holder 443-050

10 Pcs



150 x 155 x 200 mm

## 402 Slot



A mm	B mm	Icon	Part N°	€/Icon
3	0,5	10	402-030-10	14,20
3,5	0,6	10	402-035-10	14,20
4	0,8	10	402-040-10	14,20
4,5	0,8	10	402-045-10	14,20
5	1	10	402-050-10	14,20
5,5	1	10	402-055-10	14,20
6	1,2	10	402-060-10	14,20
6,5	1,2	10	402-065-10	14,20
8	1,2	10	402-080-10	14,20

## 404 Torx Tamper



Icon	Icon	Part N°	€/Icon
TS10	10	404-TS10-10	26,93
TS15	10	404-TS15-10	26,93
TS20	10	404-TS20-10	26,93
TS25	10	404-TS25-10	26,93
TS27	10	404-TS27-10	26,93
TS30	10	404-TS30-10	26,93
TS40	10	404-TS40-10	26,93

# Screwdriver Bits



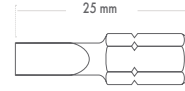
1/4" • 25 mm

25 mm

1/4"

S2

• Indicated packaging qty is the minimum to be ordered.



403

Torx



405

Hexagonal



Icon	Part N°	€/Icon	Part N°	€/Icon		
T05	-	-	403-T05-10	18,97		
T06	-	-	403-T06-10	18,97		
T07	-	-	403-T07-10	18,97		
T08	-	-	403-T08-10	18,97		
T09	-	-	403-T09-10	18,97		
T10	2	403-T10-2	3,93	10	403-T10-10	14,08
T15	2	403-T15-2	3,93	10	403-T15-10	14,08
T20	2	403-T20-2	3,93	10	403-T20-10	14,08
T25	2	403-T25-2	3,93	10	403-T25-10	14,08
T27	-	-	-	-	403-T27-10	14,08
T30	2	403-T30-2	3,93	10	403-T30-10	14,08
T40	2	403-T40-2	3,93	10	403-T40-10	14,08

Icon	Part N°	€/Icon	
HX1,5	10	405-HX015-10	14,45
HX2	10	405-HX020-10	14,45
HX2,5	10	405-HX025-10	14,45
HX3	10	405-HX030-10	14,45
HX4	10	405-HX040-10	14,45
HX5	10	405-HX050-10	14,45
HX6	10	405-HX060-10	14,45
HX8	10	405-HX080-10	17,14
HX10	10	405-HX100-10	21,73

406

Robertson



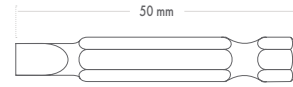
Icon	Part N°	€/Icon	
R1	10	406-R1-10	20,20
R2	10	406-R2-10	20,20
R3	10	406-R3-10	20,20



1/4" • 50 mm

50 mm 1/4" S2

• Indicated packaging qty is the minimum to be ordered.



**410**

Phillips



50 mm



Icon	Part N°	€/	Part N°	€/
	2 410-PH1-2	6,65	10 410-PH1-10	24,36
	2 410-PH2-2	6,65	10 410-PH2-10	24,36
	2 410-PH3-2	6,65	10 410-PH3-10	24,36
	- -	-	- 410-PH4-10	24,36*

\* Until end of stock

**411**

Pozidriv



50 mm



Icon	Part N°	€/	Part N°	€/
	2 411-PZ1-2	6,65	10 411-PZ1-10	24,36
	2 411-PZ2-2	6,65	10 411-PZ2-10	24,36
	2 411-PZ3-2	6,65	10 411-PZ3-10	24,36
	- -	-	- 411-PZ4-10	24,36*

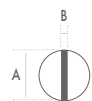
\* Until end of stock

**412**

Slot



50 mm



A mm	B mm	Part N°	€/
3	0,5	10 412-030-10	37,96
3,5	0,6	10 412-035-10	37,96
4	0,8	10 412-040-10	37,96
4,5	0,8	10 412-045-10	37,96
5	1	10 412-050-10	37,96
5,5	1	10 412-055-10	37,96
6	1,2	10 412-060-10	37,96
6,5	1,2	10 412-065-10	37,96
8	1,2	10 412-080-10	37,96

**413**

Torx



50 mm



Icon	Part N°	€/	Part N°	€/
	- -	-	- 413-T05-10	39,55
	- -	-	- 413-T06-10	39,55
	- -	-	- 413-T07-10	39,55
	- -	-	- 413-T08-10	39,55
	- -	-	- 413-T09-10	39,55
	2 413-T10-2	9,93	10 413-T10-10	40,74
	2 413-T15-2	9,93	10 413-T15-10	40,74
	2 413-T20-2	9,93	10 413-T20-10	40,74
	2 413-T25-2	9,93	10 413-T25-10	40,74
	- -	-	- 413-T27-10	40,74
	2 413-T30-2	9,93	10 413-T30-10	40,74
	2 413-T40-2	9,93	10 413-T40-10	40,74

# Screwdriver Bits



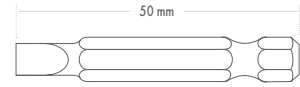
1/4" • 50 mm

1/4" • 90 mm

50 mm

1/4"

S2



• Indicated packaging qty is the minimum to be ordered.

414

Hexagonal



50 mm



		Part N°	€/
<b>HX2</b>	10	<b>414-HX020-10</b>	<b>46,93</b>
<b>HX2,5</b>	10	<b>414-HX025-10</b>	<b>46,93</b>
<b>HX3</b>	10	<b>414-HX030-10</b>	<b>46,93</b>
<b>HX4</b>	10	<b>414-HX040-10</b>	<b>46,93</b>
<b>HX5</b>	10	<b>414-HX050-10</b>	<b>46,93</b>
<b>HX6</b>	10	<b>414-HX060-10</b>	<b>46,93</b>
<b>HX8</b>	10	<b>414-HX080-10</b>	<b>46,93</b>

415

Robertson



50 mm

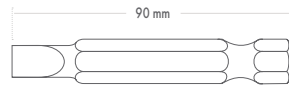


		Part N°	€/
<b>R1</b>	10	<b>415-R1-10</b>	<b>31,50</b>
<b>R2</b>	10	<b>415-R2-10</b>	<b>31,50</b>
<b>R3</b>	10	<b>415-R3-10</b>	<b>31,50</b>

90 mm

1/4"

S2



416

Phillips



90 mm



		Part N°	€/
<b>PH1</b>	5	<b>416-PH1-5</b>	<b>35,13</b>
<b>PH2</b>	5	<b>416-PH2-5</b>	<b>35,13</b>
<b>PH3</b>	5	<b>416-PH3-5</b>	<b>35,13</b>

417

Pozidriv



90 mm



		Part N°	€/
<b>PZ1</b>	5	<b>417-PZ1-5</b>	<b>35,13</b>
<b>PZ2</b>	5	<b>417-PZ2-5</b>	<b>35,13</b>
<b>PZ3</b>	5	<b>417-PZ3-5</b>	<b>35,13</b>

418

Torx



90 mm



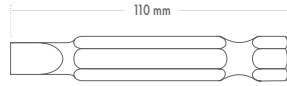
		Part N°	€/
<b>T10</b>	5	<b>418-T10-5</b>	<b>41,85</b>
<b>T15</b>	5	<b>418-T15-5</b>	<b>41,85</b>
<b>T20</b>	5	<b>418-T20-5</b>	<b>41,85</b>
<b>T25</b>	5	<b>418-T25-5</b>	<b>41,85</b>
<b>T30</b>	5	<b>418-T30-5</b>	<b>41,85</b>
<b>T40</b>	5	<b>418-T40-5</b>	<b>41,85</b>

1/4" • 110 mm

110  
mm

1/4"

S2



**4110**

Phillips



110  
mm



		Part N°	€ /
<b>PH1</b>	1	<b>4110-PH1-1</b>	<b>7,24</b>
<b>PH2</b>	1	<b>4110-PH2-1</b>	<b>7,24</b>
<b>PH3</b>	1	<b>4110-PH3-1</b>	<b>7,24</b>

**4110**

Pozidriv



110  
mm



		Part N°	€ /
<b>PZ1</b>	1	<b>4110-PZ1-1</b>	<b>7,24</b>
<b>PZ2</b>	1	<b>4110-PZ2-1</b>	<b>7,24</b>
<b>PZ3</b>	1	<b>4110-PZ3-1</b>	<b>7,24</b>

**4110**

Torx



110  
mm



		Part N°	€ /
<b>T10</b>	1	<b>4110-T10-1</b>	<b>8,51</b>
<b>T15</b>	1	<b>4110-T15-1</b>	<b>8,51</b>
<b>T20</b>	1	<b>4110-T20-1</b>	<b>8,51</b>
<b>T25</b>	1	<b>4110-T25-1</b>	<b>8,51</b>
<b>T30</b>	1	<b>4110-T30-1</b>	<b>8,51</b>
<b>T40</b>	1	<b>4110-T40-1</b>	<b>8,51</b>

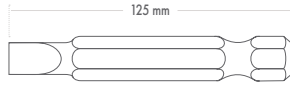


# Screwdriver Bits



1/4" • 125 mm

1/4" • 150 mm



125 mm 1/4" S2

## 4125 Phillips



125 mm



Icon	Qty	Part N°	€/Icon
	1	4125-PH1-1	7,40
	1	4125-PH2-1	7,40
	1	4125-PH3-1	7,40

## 4125 Pozidriv



125 mm



Icon	Qty	Part N°	€/Icon
	1	4125-PZ1-1	7,40
	1	4125-PZ2-1	7,40
	1	4125-PZ3-1	7,40



150 mm 1/4" S2

## 4150 Phillips



150 mm



Icon	Qty	Part N°	€/Icon
	1	4150-PH1-1	9,07
	1	4150-PH2-1	9,07
	1	4150-PH3-1	9,07

## 4150 Pozidriv



150 mm



Icon	Qty	Part N°	€/Icon
	1	4150-PZ1-1	9,07
	1	4150-PZ2-1	9,07
	1	4150-PZ3-1	9,07

## 4150 Torx



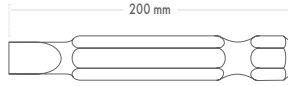
150 mm

Icon	Qty	Part N°	€/Icon
	1	4150-T10-1	10,42
	1	4150-T15-1	10,42
	1	4150-T20-1	10,42
	1	4150-T25-1	10,42
	1	4150-T30-1	10,42
	1	4150-T40-1	10,42



1/4" • 200 mm

1/4" • 250 mm



200  
mm

1/4"

S2

**4200**

Phillips

**4200**

Pozidriv



200  
mm



200  
mm



		Part N°	€/
PH2	1	4200-PH2-1	12,52

		Part N°	€/
PZ2	1	4200-PZ2-1	12,52



250  
mm

1/4"

S2

**4250**

Phillips

**4250**

Pozidriv



250  
mm



250  
mm



		Part N°	€/
PH2	1	4250-PH2-1	14,74

		Part N°	€/
PZ2	1	4250-PZ2-1	14,74

# Screwdriver Bits

Forged Bit with a TiN coated (Titanium Nitride) increasing durability 5 times.

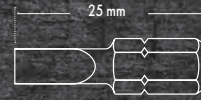
TiN

1/4" • 25 mm

25 mm

1/4"

S2



• Indicated packaging qty is the minimum to be ordered.

TiN

420

Phillips



25 mm



Icon	Part N°	€/	Part N°	€/			
	PH1	2	420-PH1-2	6,73	5	420-PH1-5	12,37
	PH2	2	420-PH2-2	6,73	5	420-PH2-5	12,37
	PH3	2	420-PH3-2	6,73	5	420-PH3-5	12,37

TiN

421

Pozidriv



25 mm



Icon	Part N°	€/	Part N°	€/			
	PZ1	2	421-PZ1-2	6,73	5	421-PZ1-5	12,37
	PZ2	2	421-PZ2-2	6,73	5	421-PZ2-5	12,37
	PZ3	2	421-PZ3-2	6,73	5	421-PZ3-5	12,37

TiN

422

Slot



25 mm



A mm	B mm	Part N°	€/
4,5	0,8	422-045-5	15,39
5,5	1	422-055-5	15,39
6,5	1,2	422-065-5	15,39

TiN

423

Torx



25 mm



Icon	Part N°	€/	Part N°	€/			
	T10	2	423-T10-2	7,93	5	423-T10-5	15,39
	T15	2	423-T15-2	7,93	5	423-T15-5	15,39
	T20	2	423-T20-2	7,93	5	423-T20-5	15,39
	T25	2	423-T25-2	7,93	5	423-T25-5	15,39
	T27	-	-	-	5	423-T27-5	15,39
	T30	2	423-T30-2	7,93	5	423-T30-5	15,39
	T40	2	423-T40-2	7,93	5	423-T40-5	15,39



Forged Impact Bit built for maximum durability with an special steel that provides more ductility than standard bits. The middle of the bit allows an additional flexing to buffer the bit from torque while still giving the tip the chance to rotate and further drive the fastener. Perfect Join with the Screw.

## Impact Screwdriver Bits

**Bluefire**



- S2 high technology steel
- Max torque resistance
- High tenacity
- Specific geometry maximum durability

30 mm


1/4"

S2



1/4" • 30 mm



• Indicated packaging qty is the minimum to be ordered. 



**427**

Phillips



30 mm



		Part N°	€/ 		Part N°	€/ 
PH2	2	427-PH2-2	11,87	5	427-PH2-5	25,24
PH3	2	427-PH3-2	11,87	5	427-PH3-5	25,24






**427**

Pozidriv



30 mm



		Part N°	€/ 		Part N°	€/ 
PZ2	2	427-PZ2-2	11,87	5	427-PZ2-5	25,24
PZ3	2	427-PZ3-2	11,87	5	427-PZ3-5	25,24






**427**

Torx



30 mm



		Part N°	€/ 		Part N°	€/ 
T10	2	427-T10-2	12,08	5	427-T10-5	25,76
T15	2	427-T15-2	12,08	5	427-T15-5	25,76
T20	2	427-T20-2	12,08	5	427-T20-5	25,76
T25	2	427-T25-2	12,08	5	427-T25-5	25,76
T30	2	427-T30-2	12,08	5	427-T30-5	25,76
T40	2	427-T40-2	12,08	5	427-T40-5	25,76

**443**



Impact Magnetic Bit Holder with Ring

60 mm

1/4"

1/4"



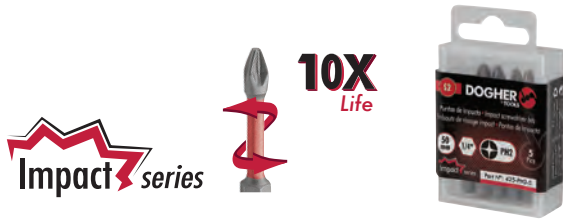
L mm		Part N°	€/ 
60	1	443-002	19,22

# Impact Screwdriver Bits



1/4" • 50 mm

1/4" • 75 mm



• Indicated packaging qty is the minimum to be ordered.

**425**

Phillips



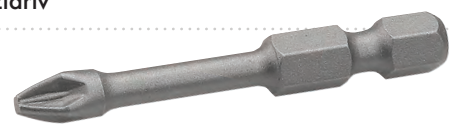
50 mm



Icon	Qty	Part N°	€/Qty	Icon	Qty	Part N°	€/Qty
	2	425-PH2-2	12,89		5	425-PH2-5	27,77
	2	425-PH3-2	12,89		5	425-PH3-5	27,77

**425**

Pozidriv



50 mm



Icon	Qty	Part N°	€/Qty	Icon	Qty	Part N°	€/Qty
	2	425-PZ2-2	12,89		5	425-PZ2-5	27,77
	2	425-PZ3-2	12,89		5	425-PZ3-5	27,77

**426**

Phillips



75 mm

Icon	Qty	Part N°	€/Qty
	5	426-PH2-5	36,65
	5	426-PH3-5	36,65

**426**

Pozidriv



75 mm

Icon	Qty	Part N°	€/Qty
	5	426-PZ2-5	36,65
	5	426-PZ3-5	36,65

1/4" • 100 mm

1/4" • 150 mm

**Impact** series



**10X**  
Life




100 mm

1/4"

S2



• Indicated packaging qty is the minimum to be ordered. 




**428**

Phillips



100 mm



		Part N°	€/ 
PH2	5	428-PH2-5	39,98
PH3	5	428-PH3-5	39,98




**428**

Pozidriv



100 mm



		Part N°	€/ 
PZ2	5	428-PZ2-5	39,98
PZ3	5	428-PZ3-5	39,98




**429**

Phillips



150 mm



		Part N°	€/ 
PH2	5	429-PH2-5	47,99
PH3	5	429-PH3-5	47,99




**429**

Pozidriv



150 mm



		Part N°	€/ 
PZ2	5	429-PZ2-5	47,99
PZ3	5	429-PZ3-5	47,99

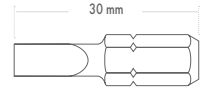


# Screwdriver Bits

5/16" • 30 mm



30 mm 5/16" S2



• Indicated packaging qty is the minimum to be ordered.

430

Phillips



30 mm



		Part N°	€/
PH1	10	430-PH1-10	25,75
PH2	10	430-PH2-10	25,75
PH3	10	430-PH3-10	25,75
PH4	10	430-PH4-10	25,75

431

Pozidriv



30 mm



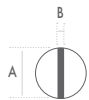
		Part N°	€/
PZ1	10	431-PZ1-10	25,62
PZ2	10	431-PZ2-10	25,62
PZ3	10	431-PZ3-10	25,62
PZ4	10	431-PZ4-10	25,62

432

Slot



30 mm



A mm	B mm		Part N°	€/
8	1,2	10	432-080-10	27,10
10	1,6	10	432-100-10	34,87
12	1,8	10	432-120-10	48,82
14	2,3	10	432-140-10	75,73

433

Torx



30 mm



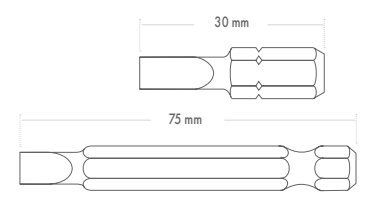
		Part N°	€/
T25	1	433-T25	4,73
T30	1	433-T30	4,73
T40	10	433-T40-10	28,94
T45	10	433-T45-10	28,94
T50	10	433-T50-10	28,94
T55	10	433-T55-10	42,38
T60	10	433-T60-10	76,86



30 mm    75 mm    5/16"    S2

• Indicated packaging qty is the minimum to be ordered.

5/16" • 30 mm  
5/16" • 75 mm



**434**

Torx Tamper



30 mm



		Part N°	€/
<b>TS45</b>	10	<b>434-TS45-10</b>	<b>51,81</b>
<b>TS50</b>	10	<b>434-TS50-10</b>	<b>51,81</b>
<b>TS55</b>	10	<b>434-TS55-10</b>	<b>56,55</b>

**435**

Hexagonal



30 mm



		Part N°	€/
<b>HX4</b>	1	<b>435-HX4</b>	<b>5,78</b>
<b>HX5</b>	1	<b>435-HX5</b>	<b>5,78</b>
<b>HX6</b>	1	<b>435-HX6</b>	<b>5,78</b>
<b>HX8</b>	1	<b>435-HX8</b>	<b>5,78</b>
<b>HX10</b>	10	<b>435-HX10-10</b>	<b>33,13</b>
<b>HX12</b>	10	<b>435-HX12-10</b>	<b>46,38</b>
<b>HX14</b>	10	<b>435-HX14-10</b>	<b>47,70</b>

**436**

XZN



30 mm



		Part N°	€/
<b>XZN8</b>	5	<b>436-XZN8</b>	<b>32,73</b>
<b>XZN10</b>	5	<b>436-XZN10</b>	<b>32,73</b>

**436**

XZN



75 mm



		Part N°	€/
<b>XZN8</b>	5	<b>436-XZN8-75</b>	<b>37,95</b>
<b>XZN10</b>	5	<b>436-XZN10-75</b>	<b>37,95</b>

# Screwdriver Bits

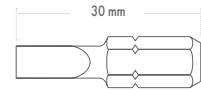
10 mm • 30 mm



30 mm

10 mm

S2



437

Hexagonal



30 mm



		Part N°	€/
HX4	5	437-HX4	14,41
HX5	5	437-HX5	14,41
HX6	5	437-HX6	14,41
HX7	5	437-HX7	14,41
HX8	5	437-HX8	14,41
HX10	5	437-HX10	14,41
HX12	5	437-HX12	15,39

437

Ribe



30 mm



		Part N°	€/
RIBE6	5	437-RIBE6	16,83
RIBE7	5	437-RIBE7	16,83
RIBE8	5	437-RIBE8	16,83
RIBE9	5	437-RIBE9	16,83
RIBE10	5	437-RIBE10	16,83
RIBE12	5	437-RIBE12	22,47
RIBE14	5	437-RIBE14	25,69

437

XZN



30 mm



		Part N°	€/
XZN5	5	437-XZN5	15,15
XZN6	5	437-XZN6	15,15
XZN8	5	437-XZN8	15,15
XZN10	5	437-XZN10	15,15
XZN12	5	437-XZN12	19,56
XZN14	5	437-XZN14	23,13

437

Torx



30 mm



		Part N°	€/
T20	5	437-T20	15,15
T25	5	437-T25	15,15
T30	5	437-T30	15,15
T40	5	437-T40	15,15
T45	5	437-T45	15,15
T50	5	437-T50	15,15
T55	5	437-T55	15,15

437

Robertson



30 mm



		Part N°	€/
R8	5	437-R8	16,05
R10	5	437-R10	17,24



10 mm • 75 mm



75 mm

10 mm

S2



**437**

Hexagonal



75 mm



		Part N°	€/
HX4	5	437-HX4-75	22,14
HX5	5	437-HX5-75	22,15
HX6	5	437-HX6-75	22,15
HX7	5	437-HX7-75	22,15
HX8	5	437-HX8-75	22,15
HX10	5	437-HX10-75	22,15
HX12	5	437-HX12-75	23,12

10 mm • 115 mm

HX10	1	437-HX10-115	23,69
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**437**

Ribe



75 mm



		Part N°	€/
RIBE6	5	437-RIBE6-75	24,44
RIBE7	5	437-RIBE7-75	24,44
RIBE8	5	437-RIBE8-75	24,44
RIBE9	5	437-RIBE9-75	27,21
RIBE10	5	437-RIBE10-75	27,21
RIBE12	5	437-RIBE12-75	33,17
RIBE14	5	437-RIBE14-75	43,01

**437**

XZN



75 mm



		Part N°	€/
XZN5	5	437-XZN5-75	18,05
XZN6	5	437-XZN6-75	18,05
XZN8	5	437-XZN8-75	18,05
XZN10	5	437-XZN10-75	23,03
XZN12	5	437-XZN12-75	28,49

**437**

Torx



75 mm



		Part N°	€/
T20	5	437-T20-75	20,68
T25	5	437-T25-75	20,68
T30	5	437-T30-75	20,68
T40	5	437-T40-75	20,73
T45	5	437-T45-75	20,73
T50	5	437-T50-75	20,73
T55	5	437-T55-75	29,04

10 mm • 115 mm

T55	1	437-T55-115	31,37
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# Screwdriver Bits

## Screwdriver Bits Sets

10 mm



**438**

### Hexagonal Screwdriver Bit Set and Bit Coupler

**15**  
Pcs

10 mm

S2



Bit Coupler

10 mm ▶ ◀ 1/2" (543-027)

10 mm x 30 mm HX4 • HX5 • HX6 • HX7 • HX8 • HX10 • HX12

10 mm x 75 mm HX4 • HX5 • HX6 • HX7 • HX8 • HX10 • HX12

Part N°	€
<b>438-004</b>	<b>54,24</b>

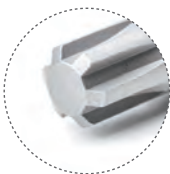
**438**

### Ribe Screwdriver Bit Set and Bit Coupler

**15**  
Pcs

10 mm

S2



Bit Coupler

10 mm ▶ ◀ 1/2" (543-027)

10 mm x 30 mm RIBE6 • RIBE7 • RIBE8 • RIBE9  
RIBE10 • RIBE12 • RIBE14

10 mm x 75 mm RIBE6 • RIBE7 • RIBE8 • RIBE9  
RIBE10 • RIBE12 • RIBE14

Part N°	€
<b>438-005</b>	<b>74,02</b>

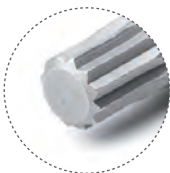
**438**

### XZN Screwdriver Bit Set and Bit Coupler

**11**  
Pcs

10 mm

S2



Bit Coupler

10 mm ▶ ◀ 1/2" (543-027)

10 mm x 30 mm XZN5 • XZN6 • XZN8 • XZN10 • XZN12

10 mm x 75 mm XZN5 • XZN6 • XZN8 • XZN10 • XZN12

Part N°	€
<b>438-006</b>	<b>48,92</b>

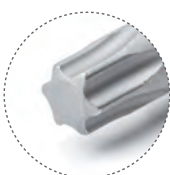
**438**

### Torx Screwdriver Bit Set and Bit Coupler

**15**  
Pcs

10 mm

S2



Bit Coupler

10 mm ▶ ◀ 1/2" (543-027)

10 mm x 30 mm T20 • T25 • T30 • T40 • T45 • T50 • T55

10 mm x 75 mm T20 • T25 • T30 • T40 • T45 • T50 • T55

Part N°	€
<b>438-007</b>	<b>52,97</b>

### 440 Magnetic Nut Driver



Bit Size	Quantity	Part N°	Price (€)
5	2	440-050	11,97
5,5	2	440-055	11,97
6	2	440-060	11,97
1/4	2	440-1/4	11,97
7	2	440-070	11,97
5/16	2	440-5/16	12,76
8	2	440-080	12,21
3/8	2	440-3/8	12,76
10	2	440-100	12,84
11	2	440-110	13,09
12	2	440-120	13,40
13	2	440-130	13,68

### 441 Long Magnetic Nut Driver



Bit Size	Quantity	Part N°	Price (€)
6	2	441-060	13,17
7	2	441-070	13,17
8	2	441-080	13,44
10	2	441-100	14,12
11	2	441-110	14,39
12	2	441-120	14,74
13	2	441-130	15,36

### 440 Magnetic Nut Drivers Kits

3 Magnetic Nut Drivers 50 mm 8 • 10 • 13

Part N°	Price (€)
440-001	20,81

7 Magnetic Nut Drivers 50 mm 6 • 7 • 8 • 10  
13 • 5/16 • 3/8

Part N°	Price (€)
440-005	50,76

3 Magnetic Nut Drivers 50 mm 8 • 5/16 • 3/8  
4 Magnetic Nut Drivers 65 mm 6 • 7 • 10 • 13

Part N°	Price (€)
440-006	51,96

3 Magnetic Nut Drivers 65 mm 8 • 10 • 13

Part N°	Price (€)
441-001	22,90

7 Magnetic Nut Drivers 65 mm 6 • 7 • 8 • 10  
11 • 12 • 13

Part N°	Price (€)
441-005	55,86

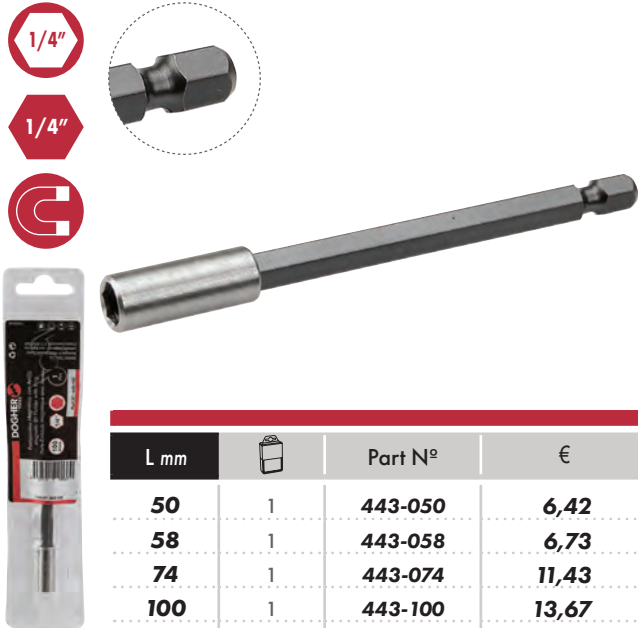


# Screwdriver Bits



**443**

Magnetic Bit Holder with Ring



L mm		Part N°	€
50	1	443-050	6,42
58	1	443-058	6,73
74	1	443-074	11,43
100	1	443-100	13,67
200	1	443-200	17,11

**445**

SDS Plus Magnetic Bit Holder with Ring



L mm		Part N°	€
78	1	445-001	15,76

**440**

Magnetic Nut Drivers & Holders Kits

**1/4"**

3 Magnetic Nut Drivers 50 mm  
2 Holders 50-74 mm

Part N°	€
440-007	56,74

5 Magnetic Nut Drivers 50 mm  
2 Holders 50-58 mm

Part N°	€
440-008	53,85

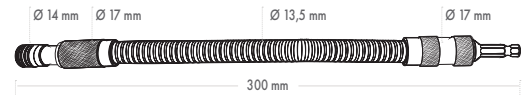
**444**

Flexible extension

1/4"  
1/4"  
300 mm



Part N°	€
444-001	32,53



**443**

Offset bit holder for 1/4" bits

1/4"  
1/4"



- Suitable for screwdriver bits and hex shank drill bits
- Designed for a comfortable work in limited spaces
- To be used exclusively in cordless drivers

Part N°	€
443-001	32,31

**Screwdriver Bit Sets**

**438**

Screwdriver Bit Set and Bit Holder

32 Pcs  
1/4"  
25 mm



★ T06 • T07 • T08 • T09 • T10 • T15 • T20 • T25 • T27 • T30 • T40    ● HX3 • HX4 • HX5 • HX6  
— 3 • 4 • 5 • 6 • 7    ★ PZ0 • PZ1 • PZ2 • PZ3    ★ PH0 • PH1 • PH2 (x3) • PH3

Adapter



Magnetic Bit Holder with Ring • 60 mm



Part N°	€
438-001	41,94

**338**

Screwdriver Bit Set and Ratchet Handle

32 Pcs  
1/4"  
25 mm



★ T06 • T07 • T08 • T09 • T10 • T15 • T20 • T25 • T30 • T40    ● HX3 • HX4 • HX5 • HX6  
— 3 • 4 • 5 • 6 • 7    ★ PZ0 • PZ1 • PZ2 • PZ3    ★ PH0 • PH1 • PH2 • PH3

■ R0 • R1 • R2 • R3

Ratchet Handle



Part N°	€
438-002	44,60

# Screwdriver Bits

Screwdriver Bit Sets



438

Screwdriver Bit Set and Ratchet Handle

11

Pcs

1/4"

25

mm



PH1 • PH2 • PH3

PZ1 • PZ2 • PZ3

3 • 4 • 5 • 6

Ratchet Handle



Part N°	€
438-003	39,69



10

Pcs

230 x 210 x 155 mm

Part N°	€
438-003J	396,90

438

Screwdriver Bits Set with Flexible Ratcheting Screwdriver

58

Pcs

1/4"

25

mm



3 • 4 • 4,5 • 5 • 6 • 7 • 8

PZ0 • PZ1 • PZ2 • PZ3

1 • 2 • 3

PH0 • PH1 • PH2 • PH3

TW1 • TW2 • TW3 • TW4

HX1,5

HXS2,0 • HXS2,5 • HXS3,0 • HXS4,0 • HXS5,0 • HXS6,0

R0 • R1 • R2 • R3

TQ06 • TQ08 • TQ10

T5 • T6

TS7 • TS8 • TS9 • TS10 • TS15 • TS20 • TS25 • TS30 • TS40

XZN4 • XZN5 • XZN6 • XZN8

4 • 6 • 8 • 10

Magnetic Bit Holder with Ring • 60 mm / Screwdriver Ref. 343-007

Adapter 1/4" ◀ ▶ 1/4" (509-030)

Part N°	€
438-008	71,19



7

Pcs

275 x 290 x 140 mm

Part N°	€
438-008J	498,33



# DOGHER

TOOLS

Making Solutions



188



192



196



203



208



212



213



218



220



223



226



228



232



233



235



236



237



238



239



240



243

## Wrenches 450

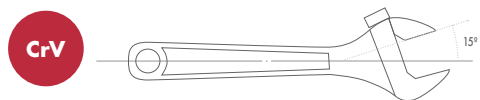
# Adjustable Wrenches

Spanish Type & Extra Wide Adjustable Wrenches



491

Spanish Type Adjustable Wrench



L mm	L "	mm	Part N°	€
150	6	24	491-150	33,27
200	8	29	491-200	37,13
250	10	33	491-250	45,85
300	12	38	491-300	58,04
400	16	50	491-400	96,53
500	20	62	491-500	175,24



230 x 210 x 155 mm

EXP

10 Spanish Type Adjustable Wrenches

10  
Pcs

CrV

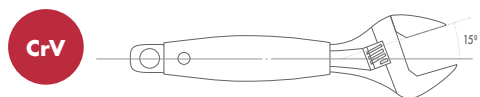


491-200 (x4)  
491-250 (x6)

Part N°	€
491-001J	423,62

492

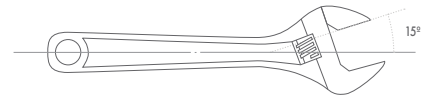
Extra Wide Adjustable Wrench



L mm	L "	mm	Part N°	€
150	6	34	492-150	34,47
200	8	38	492-200	37,39
250	10	50	492-250	45,80

# Adjustable Wrenches

## Adjustable Wrenches



**493**

Professional Adjustable Wrench

CrV



L mm	L "	mm	Part N°	€
100	4	17	493-100	23,33
150	6	24	493-150	24,02
200	8	29	493-200	27,57
250	10	33	493-250	33,71
300	12	38	493-300	44,19
380	15	50	493-380	75,18
450	18	60	493-450	118,05
600	24	70	493-600	293,29



230 x 210 x 155 mm

**EXP**

10 Professional Adjustable Wrenches

**10**  
Pcs

CrV

Part N°	€
493-001J	312,54

493-200 (x4)  
493-250 (x6)



**4930**

Adjustable Wrench

CrV



L mm	L "	mm	Part N°	€
100	4	13	4930-100	16,37
150	6	19	4930-150	16,53
200	8	24	4930-200	19,09
250	10	28	4930-250	23,97
300	12	34	4930-300	30,95
380	15	43	4930-380	55,60
450	18	52	4930-450	85,48
600	24	62	4930-600	180,85



230 x 210 x 155 mm

**EXP**

10 Adjustable Wrenches

**10**  
Pcs

CrV

Part N°	€
4930-001J	220,18

4930-200 (x4)  
4930-250 (x6)





# Adjustable Wrenches

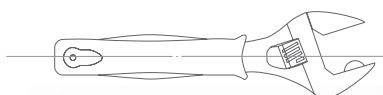
Adjustable Wrenches



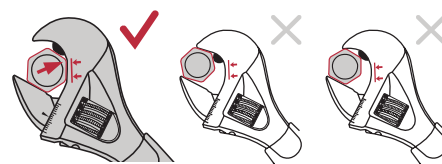
496

Ratcheting Adjustable Wrench

CrV



L mm	L "	mm	Part N°	€
150	6	6~20	496-150	31,31
200	8	6~24	496-200	35,96
250	10	6~30	496-250	53,40



• Put the wrench like in picture



160 x 190 x 125 mm

EXP

10 Ratcheting Adjustable Wrenches

10  
Pcs

CrV



496-200 (x10)

Part N°	€
496-001J	359,60

4931

Adjustable Wrench **Alligator**

CrV



L mm	L "	mm	mm	Part N°	€
200	8	32	M3-M10	4931-200	40,98

EXP

10 Adjustable Wrenches

10  
Pcs

CrV



230 x 210 x 155 mm



4931-200 (x10)

Part N°	€
4931-200J	409,80

**491**

EVA Foam Tray

**3**  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



150mm • 200mm • 250mm

Part N°	€
<b>491-080</b>	<b>125,50</b>

**493**

EVA Foam Tray

**3**  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



150mm • 200mm • 250mm

Part N°	€
<b>493-080</b>	<b>94,55</b>

Further Information about Storage and EVA Foam Trays in Pages:

20 • 35

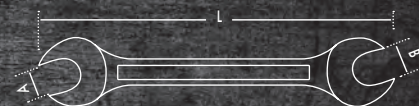
# Wrenches

All the DOGHER TOOLS wrenches are forged in CrV and tempered through a continuous heating.

This process gives the tool high hardness and toughness.

High resistance against oxidation thanks to the polishing process.

## Double Open Ended Wrenches



450

### Double Open Ended Wrench

CrV



### SAE

A mm	B mm	L mm	Part N°	€
4	5	110	450-04-05	6,35
4,5	5,5	123	450-04,5-05,5	6,41
5	5,5	123	450-05-05,5	6,53
5,5	7	123	450-05,5-07	6,27
6	7	123	450-06-07	6,12
7	8	129	450-07-08	6,41
8	9	140	450-08-09	6,07
8	10	141	450-08-10	6,63
10	11	155	450-10-11	6,74
10	12	156	450-10-12	7,47
10	13	170	450-10-13	7,98
11	13	172	450-11-13	7,99
12	13	172	450-12-13	7,99
12	14	179	450-12-14	8,70
13	15	189	450-13-15	9,46
13	17	205	450-13-17	10,21
14	15	190	450-14-15	8,63
16	17	204	450-16-17	10,04
16	18	210	450-16-18	10,37
17	19	221	450-17-19	11,48
18	19	220	450-18-19	11,49
19	22	237	450-19-22	13,94
20	22	237	450-20-22	13,72
21	23	247	450-21-23	14,89
22	24	247	450-22-24	14,92
24	26	263	450-24-26	17,30
24	27	266	450-24-27	17,54
25	28	280	450-25-28	20,15
27	29	280	450-27-29	23,74
27	30	285	450-27-30	24,37
27	32	300	450-27-32	26,83
30	32	298	450-30-32	26,87
32	36	350	450-32-36	45,24
34	36	350	450-34-36	47,48
36	41	380	450-36-41	53,04
41	46	415	450-41-46	74,64
46	50	465	450-46-50	97,30

A "	B "	L mm	Part N°	€
1/4"	5/16"	123	450-1/4-5/16	5,85
5/16"	3/8"	140	450-5/16-3/8	6,06
3/8"	7/16"	156	450-3/8-7/16	7,04
7/16"	1/2"	172	450-7/16-1/2	8,42
1/2"	9/16"	172	450-1/2-9/16	8,42
9/16"	5/8"	188	450-9/16-5/8	8,94
5/8"	11/16"	204	450-5/8-11/16	10,41
11/16"	3/4"	220	450-11/16-3/4	11,51
13/16"	7/8"	238	450-13/16-7/8	13,69
15/16"	1"	266	450-15/16-1	17,55
1"	1.1/8"	280	450-1-1.1/8	20,71
1.1/16"	1.1/4"	298	450-1.1/16-1.1/4	26,71



• Hanging unit packaging available



450

Nylon Pouch

8

Pcs

CrV



390 x 300 mm



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

Part N°	€
450-001	77,05
450-001V *	20,90

\* Empty Nylon Pouch

450

Nylon Pouch

12

Pcs

CrV



620 x 350 mm



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

Part N°	€
450-002	157,50
450-002V *	23,92

\* Empty Nylon Pouch

450

Nylon Pouch

7

Pcs

CrV

SAE



300 x 390 mm



- 1/4" x 5/16" • 5/16" x 3/8" • 3/8" x 7/16"
- 1/2" x 9/16" • 9/16" x 5/8" • 5/8" x 11/16"
- 11/16" x 3/4"

Part N°	€
450-003	64,48
450-003V *	20,90

\* Empty Nylon Pouch

450

Nylon Pouch

11

Pcs

CrV

SAE



620 x 350 mm



- 1/4" x 5/16" • 5/16" x 3/8" • 3/8" x 7/16"
- 1/2" x 9/16" • 9/16" x 5/8" • 5/8" x 11/16"
- 11/16" x 3/4" • 13/16" x 7/8" • 15/16" x 1"
- 1" x 1.1/8" • 1.1/16" x 1.1/4"

Part N°	€
450-004	144,14
450-004V *	23,92

\* Empty Nylon Pouch

# Wrenches

## Double Open Ended Wrench Sets



450

Plastic Holder

6  
Pcs

Cr-V



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Part N°	€
450-016	53,84
450-011V *	15,30

\* Empty Plastic Holder

8  
Pcs

Cr-V



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

Part N°	€
450-018	79,05
450-013V *	17,83

\* Empty Plastic Holder

450

Plastic Holder

10  
Pcs

Cr-V



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17  
• 18x19 • 20x22 • 21x23 • 24x27

Part N°	€
450-020	111,48
450-015V *	22,93

\* Empty Plastic Holder

12  
Pcs

Cr-V



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17  
• 18x19 • 20x22 • 21x23 • 24x27 • 25x28 • 27x29

Part N°	€
450-022	155,37
450-017V *	24,21

\* Empty Plastic Holder

12  
Pcs

Cr-V



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

Part N°	€
450-024	158,26
450-017V *	24,21

\* Empty Plastic Holder

450

Carton Box

5  
Pcs

CrV



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15

Part N°	€
450-035	43,80

450

Carton Box

6  
Pcs

CrV



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Part N°	€
450-036	53,84

450

Carton Box

8  
Pcs

CrV



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

Part N°	€
450-038	79,05

450

EVA Foam Tray

8  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



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

Part N°	€
450-080	80,05

450

EVA Foam Tray

10  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15  
• 16x17 • 18x19 • 20x22 • 21x23 • 24x26

Part N°	€
450-081	115,49

450

EVA Foam Tray

3  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



• 25x28 • 27x29 • 30x32

Part N°	€
450-082	83,26

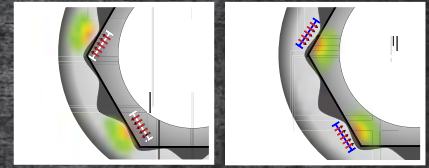


# Wrenches

## Combination Wrenches

- Maximum load distribution
- Quick tightening
- Maximum performance without wear
- Decreases damage to nuts and bolts
- Longer lifetime of the wrench
- Maximum contact surface
- Homogeneous stress distribution

Effect of stress:



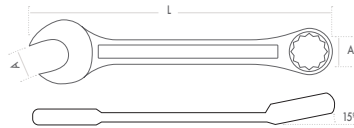
• On the wrench

• On the nut

451

## Combination Wrench

CrV



SAE

A"	L mm	Part N°	€
7/32"	100	451-7/32	6,85
1/4"	100	451-1/4	6,87
9/32"	110	451-9/32	6,41
5/16"	120	451-5/16	7,10
11/32"	130	451-11/32	6,41
3/8"	140	451-3/8	8,37
7/16"	150	451-7/16	9,25
1/2"	170	451-1/2	10,40
9/16"	180	451-9/16	10,62
5/8"	200	451-5/8	11,78
11/16"	210	451-11/16	12,69
3/4"	230	451-3/4	15,03
13/16"	250	451-13/16	17,37
7/8"	260	451-7/8	17,72
15/16"	280	451-15/16	19,38
1"	290	451-1	21,15
1.1/16"	310	451-1.1/16	27,76
1.1/8"	330	451-1.1/8	29,48
1.1/4"	360	451-1.1/4	35,15
1.5/16"	380	451-1.5/16	42,55
1.3/8"	410	451-1.3/8	59,80
1.7/16"	410	451-1.7/16	59,90
1.1/2"	410	451-1.1/2	62,85
1.5/8"	460	451-1.5/8	75,94
1.11/16"	460	451-1.11/16	98,27
1.3/4"	500	451-1.3/4	105,25
1.13/16"	500	451-1.13/16	98,07
1.7/8"	540	451-1.7/8	111,97
2"	540	451-2	113,48
2.1/8"	560	451-2.1/8	196,73
2.1/4"	600	451-2.1/4	196,73
2.3/8"	600	451-2.3/8	275,93
2.1/2"	680	451-2.1/2	341,96
2.5/8"	680	451-2.5/8	341,96
2.3/4"	680	451-2.3/4	363,72
2.7/8"	730	451-2.7/8	441,45
3"	730	451-3	441,45

A mm	L mm	Part N°	€
4	80	451-04	9,29
5,5	100	451-05,5	6,62
6	100	451-06	6,67
7	110	451-07	6,70
8	120	451-08	6,85
9	130	451-09	8,15
10	140	451-10	8,22
11	150	451-11	9,26
12	160	451-12	9,58
13	170	451-13	9,99
14	180	451-14	10,55
15	190	451-15	10,87
16	200	451-16	11,39
17	210	451-17	12,18
18	220	451-18	12,85
19	230	451-19	14,66
20	240	451-20	15,16
21	250	451-21	17,14
22	260	451-22	17,22
23	270	451-23	18,56
24	280	451-24	18,90
25	290	451-25	21,00
26	300	451-26	25,07
27	310	451-27	26,66
28	320	451-28	29,25
29	330	451-29	29,71
30	340	451-30	32,35
32	360	451-32	35,16
33	380	451-33	54,38
34	380	451-34	46,27
35	410	451-35	67,68
36	410	451-36	60,60
38	430	451-38	67,90
41	460	451-41	70,75
43	460	451-43	106,42
46	500	451-46	96,39
48	540	451-48	134,31
50	540	451-50	107,67
55	560	451-55	186,89
58	600	451-58	282,90
60	600	451-60	247,54
65	680	451-65	329,96
70	680	451-70	388,27
75	730	451-75	499,70
80	730	451-80	572,61
85	790	451-85	774,87
90	790	451-90	1.002,90
95	790	451-95	1.060,66
100	860	451-100	1.130,92
105	860	451-105	1.167,57

451

Nylon Pouch

14  
Pcs

CrV



470 x 390 mm



Part N°	€
451-001	174,47
451-001V *	19,72

\* Empty Nylon Pouch

451

Nylon Pouch

14  
Pcs

CrV



650 x 440 mm



Part N°	€
451-002	228,23
451-002V *	23,02

\* Empty Nylon Pouch

451

Nylon Pouch

17  
Pcs

CrV



470 x 450 mm



Part N°	€
451-003	197,69
451-003V *	19,72

\* Empty Nylon Pouch

451

Nylon Pouch

18  
Pcs

CrV



650 x 480 mm



Part N°	€
451-004	296,54
451-004V *	22,15

\* Empty Nylon Pouch

# Wrenches

## Combination Wrenches Sets



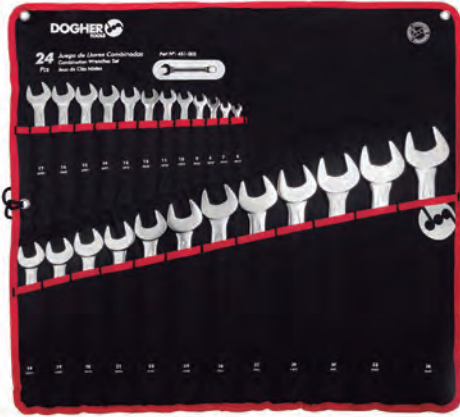
451

Nylon Pouch

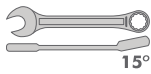
24

Pcs

CrV



650 x 580 mm



•6 •7 •8 •9 •10 •11 •12 •13 •14  
•15 •16 •17 •18 •19 •20 •21 •22 •24  
•26 •27 •28 •30 •32 •36

Part N°	€
451-005	425,68
451-005V *	26,81

\* Empty Nylon Pouch

451

Nylon Pouch

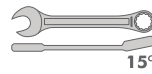
26

Pcs

CrV



650 x 500 mm



•6 •7 •8 •9 •10 •11 •12 •13 •14  
•15 •16 •17 •18 •19 •20 •21 •22 •23  
•24 •25 •26 •27 •28 •29 •30 •32

Part N°	€
451-006	434,35
451-006V *	26,81

\* Empty Nylon Pouch

451

Nylon Pouch

8

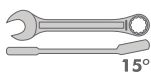
Pcs

CrV

SAE



330 x 300 mm



•1/4" •5/16" •3/8" •7/16" •1/2" •9/16"  
•5/8" •11/16"

Part N°	€
451-007	83,33
451-007V *	17,99

\* Empty Nylon Pouch

451

Nylon Pouch

12

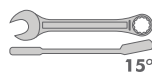
Pcs

CrV

SAE



550 x 350 mm



•3/8" •7/16" •1/2" •9/16" •5/8" •11/16"  
•3/4" •13/16" •7/8" •15/16" •1" •1.1/16"

Part N°	€
451-008	188,77
451-008V *	22,50

\* Empty Nylon Pouch

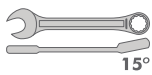


**451** Nylon Pouch

**14**  
Pcs  
SAE  
CrV



650 x 440 mm



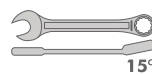
- 3/8"
- 7/16"
- 1/2"
- 9/16"
- 5/8"
- 11/16"
- 3/4"
- 13/16"
- 7/8"
- 15/16"
- 1"
- 1.1/16"
- 1.1/8"
- 1.1/4"

Part N°	€
451-009	254,40
451-009V *	23,02

\* Empty Nylon Pouch

**451** Carton Box

**5**  
Pcs  
CrV

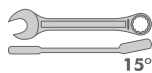


- 8
- 10
- 11
- 12
- 13

Part N°	€
451-035	52,15

**451** Carton Box

**6**  
Pcs  
CrV

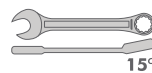


- 8
- 10
- 11
- 12
- 13
- 14

Part N°	€
451-036	62,70

**451** Carton Box

**8**  
Pcs  
CrV



- 8
- 10
- 11
- 12
- 13
- 14
- 17
- 19

Part N°	€
451-038	89,54

# Wrenches

## Combination Wrenches Sets

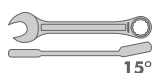


451

Plastic Holder

5  
Pcs

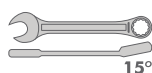
CrV



8 • 10 • 13 • 17 • 19

6  
Pcs

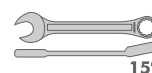
CrV



8 • 10 • 11 • 13 • 17 • 19

6  
Pcs

CrV



8 • 10 • 11 • 12 • 13 • 14

Part N°	€
451-014	60,15
450-011V *	15,30

\* Empty Plastic Holder

Part N°	€
451-015	69,41
450-011V *	15,30

\* Empty Plastic Holder

Part N°	€
451-016	62,70
450-011V *	15,30

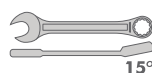
\* Empty Plastic Holder

451

Plastic Holder

8  
Pcs

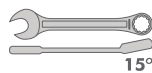
CrV



8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

10  
Pcs

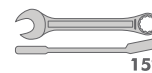
CrV



8 • 9 • 10 • 11 • 12  
13 • 14 • 15 • 16 • 17

12  
Pcs

CrV



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

Part N°	€
451-018	89,54
450-013V *	17,83

\* Empty Plastic Holder

Part N°	€
451-020	105,29
450-015V *	22,93

\* Empty Plastic Holder

Part N°	€
451-022	132,80
450-017V *	24,21

\* Empty Plastic Holder

**451**

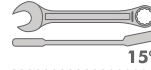
EVA Foam Tray

**8**  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



• 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

Part N°	€
<b>451-080</b>	<b>90,54</b>

**451**

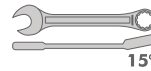
EVA Foam Tray

**11**  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



• 7 • 8 • 10 • 11 • 12 • 13 • 14  
• 17 • 19 • 22 • 24

Part N°	€
<b>451-082</b>	<b>136,61</b>

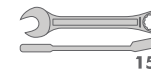
**451**

Combination Wrenches

**10**  
Pcs



1/3 (375 x 188 x 30 mm)



• 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19 • 22 • 24

Part N°	€
<b>451-081</b>	<b>129,91 *</b>

\* Until end of stock

**451**

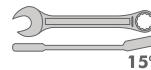
EVA Foam Tray

**3**  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



• 27 • 30 • 32

Part N°	€
<b>451-083</b>	<b>106,67</b>



# Wrenches

## Combination Wrenches



### 4551

#### Combination Wrench Long Series



A mm	L mm	Part N°	€
<b>7</b>	136	<b>4551-07</b>	<b>9,80</b>
<b>8</b>	148	<b>4551-08</b>	<b>9,99</b>
<b>9</b>	167	<b>4551-09</b>	<b>9,99</b>
<b>10</b>	172	<b>4551-10</b>	<b>11,03</b>
<b>11</b>	186	<b>4551-11</b>	<b>11,03</b>
<b>12</b>	197	<b>4551-12</b>	<b>12,63</b>
<b>13</b>	207	<b>4551-13</b>	<b>12,63</b>
<b>15</b>	233	<b>4551-15</b>	<b>15,25</b>
<b>17</b>	261	<b>4551-17</b>	<b>17,24</b>
<b>19</b>	280	<b>4551-19</b>	<b>21,84</b>
<b>21</b>	301	<b>4551-21</b>	<b>21,84</b>
<b>24</b>	338	<b>4551-24</b>	<b>27,94</b>
<b>27</b>	375	<b>4551-27</b>	<b>36,25</b>
<b>32</b>	435	<b>4551-32</b>	<b>43,87</b>

### 4561

#### Twisted Combination Wrench



A mm	L mm	Part N°	€
<b>6</b>	110	<b>4561-06</b>	<b>10,85</b>
<b>7</b>	120	<b>4561-07</b>	<b>10,85</b>
<b>8</b>	130	<b>4561-08</b>	<b>11,08</b>
<b>9</b>	140	<b>4561-09</b>	<b>11,08</b>
<b>10</b>	150	<b>4561-10</b>	<b>12,22</b>
<b>11</b>	160	<b>4561-11</b>	<b>12,22</b>
<b>12</b>	170	<b>4561-12</b>	<b>13,99</b>
<b>13</b>	180	<b>4561-13</b>	<b>13,99</b>
<b>14</b>	190	<b>4561-14</b>	<b>16,88</b>
<b>15</b>	200	<b>4561-15</b>	<b>16,88</b>
<b>16</b>	210	<b>4561-16</b>	<b>18,53</b>
<b>17</b>	220	<b>4561-17</b>	<b>19,10</b>
<b>18</b>	230	<b>4561-18</b>	<b>19,22</b>
<b>19</b>	240	<b>4561-19</b>	<b>24,19</b>

**4510**

Offset Combination Wrench



A mm	L mm	Part N°	€
6	110	4510-06	9,71
7	120	4510-07	9,80
8	130	4510-08	9,95
9	140	4510-09	10,42
10	150	4510-10	10,47
11	160	4510-11	11,22
12	170	4510-12	11,87
13	180	4510-13	12,87
14	190	4510-14	12,97
15	200	4510-15	15,36
16	210	4510-16	16,61
17	220	4510-17	17,17
18	230	4510-18	19,19
19	240	4510-19	20,12
20	250	4510-20	21,33
21	260	4510-21	22,16
22	270	4510-22	24,83
23	280	4510-23	26,83
24	290	4510-24	28,02
25	300	4510-25	29,94
26	310	4510-26	30,21
27	320	4510-27	32,21
28	330	4510-28	36,73
29	340	4510-29	39,21
30	350	4510-30	41,16
32	370	4510-32	43,04

**4510**

Plastic Holder

**5**  
Pcs



8 • 10 • 13 • 17 • 19

Part N°	€
4510-014	78,83
450-011V *	15,30

\* Empty Plastic Holder

**4510**

Plastic Holder

**6**  
Pcs



8 • 10 • 12 • 13 • 14 • 17

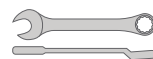
Part N°	€
4510-016	83,55
450-011V *	15,30

\* Empty Plastic Holder

**4510**

Plastic Holder

**12**  
Pcs



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

Part N°	€
4510-022	176,47
450-017V *	24,21

\* Empty Plastic Holder

# Wrenches

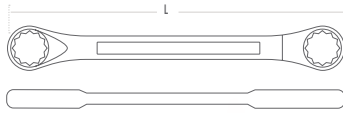
## Double Ring Flat Wrenches



454

### Double Ring Flat Wrench

CrV



mm	mm	L mm	Part N°	€
6	7	120	454-06-07	10,12
8	9	135	454-08-09	10,48
10	11	150	454-10-11	11,63
12	13	165	454-12-13	12,69
13	17	210	454-13-17	13,50
14	15	185	454-14-15	13,94
16	17	210	454-16-17	14,97
17	19	225	454-17-19	15,55
18	19	225	454-18-19	15,55
20	22	240	454-20-22	18,00
21	23	255	454-21-23	20,67
24	26	270	454-24-26	24,44
24	27	270	454-24-27	24,44
25	28	285	454-25-28	26,07
27	29	315	454-27-29	31,45
30	32	335	454-30-32	33,08

454

### EVA Foam Tray

8  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



Part N°	€
454-080	116,63

Further Information about Storage and EVA Foam Trays in Pages:

20 • 35



**454**

Plastic Holder

**6**  
Pcs

CrV



 •6x7 •8x9 •10x11 •12x13 •14x15 •16x17

Part N°	€
454-016	82,08
450-011V *	15,30

\* Empty Plastic Holder

**454**

Plastic Holder

**8**  
Pcs

CrV



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

Part N°	€
454-018	115,63
450-013V *	17,83

\* Empty Plastic Holder

**454**

Plastic Holder

**10**  
Pcs

CrV



 •6x7 •8x9 •10x11 •12x13 •14x15 •16x17 •18x19  
 •20x22 •21x23 •24x27

Part N°	€
454-020	160,74
450-015V *	22,93

\* Empty Plastic Holder

**454**

Plastic Holder

**12**  
Pcs

CrV



 •6x7 •8x9 •10x11 •12x13 •14x15 •16x17 •18x19  
 •20x22 •21x23 •24x27 •25x28 •27x29

Part N°	€
454-022	218,26
450-017V *	24,21

\* Empty Plastic Holder

# Wrenches

## Double Ring Flat Wrenches Sets



454

Nylon Pouch

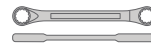
8

Pcs

CrV



390 x 380 mm



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

Part N°	€
454-001	113,63
454-001V *	19,97

\* Empty Nylon Pouch

454

Nylon Pouch

10

Pcs

CrV



620 x 480 mm



- 6x7
- 8x9
- 10x11
- 12x13
- 14x15
- 16x17
- 18x19
- 20x22
- 21x23
- 24x26

Part N°	€
454-002	158,74
454-002V *	22,24

\* Empty Nylon Pouch

454

Nylon Pouch

12

Pcs

CrV



620 x 480 mm



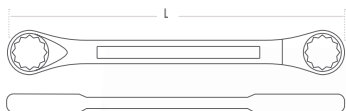
- 6x7
- 8x9
- 10x11
- 12x13
- 14x15
- 16x17
- 18x19
- 20x22
- 21x23
- 24x26
- 25x28
- 30x32

Part N°	€
454-003	219,89
454-003V *	23,15

\* Empty Nylon Pouch

**4554**

Double Ring Flat Wrench Long Serie





A mm	L mm	Part N°	€
<b>8 x 10</b>	235	<b>4554-08-10</b>	<b>32,82</b>
<b>10 x 12</b>	290	<b>4554-10-12</b>	<b>36,37</b>
<b>12 x 14</b>	328	<b>4554-12-14</b>	<b>39,93</b>
<b>13 x 15</b>	328	<b>4554-13-15</b>	<b>46,06</b>
<b>13 x 17</b>	390	<b>4554-13-17</b>	<b>47,11</b>
<b>16 x 18</b>	404	<b>4554-16-18</b>	<b>49,00</b>
<b>17 x 19</b>	404	<b>4554-17-19</b>	<b>50,81</b>
<b>22 x 24</b>	435	<b>4554-22-24</b>	<b>65,63</b>

**477**

Double E Socket Wrench

CrV



		L mm	Part N°	€
<b>E6</b>	<b>E8</b>	130	<b>477-E6-E8</b>	<b>12,51</b>
<b>E10</b>	<b>E12</b>	144	<b>477-E10-E12</b>	<b>13,79</b>
<b>E14</b>	<b>E18</b>	180	<b>477-E14-E18</b>	<b>16,23</b>
<b>E20</b>	<b>E24</b>	220	<b>477-E20-E24</b>	<b>19,02</b>



# Wrenches

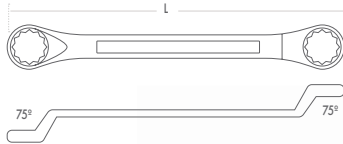
## Double Ring Offset Wrenches



453

### Double Ring Offset Wrench

CrV



### SAE

mm	mm	L mm	Part N°	€
6	7	170	453-06-07	11,55
8	9	183	453-08-09	12,63
8	10	183	453-08-10	13,35
10	11	197	453-10-11	13,43
10	12	198	453-10-12	14,75
12	13	212	453-12-13	14,77
12	14	214	453-12-14	16,65
13	15	222	453-13-15	19,11
13	17	242	453-13-17	18,74
14	15	230	453-14-15	15,53
16	17	245	453-16-17	18,51
17	19	270	453-17-19	21,44
18	19	275	453-18-19	21,49
19	22	315	453-19-22	25,17
20	22	318	453-20-22	25,41
21	23	327	453-21-23	27,86
22	24	327	453-22-24	29,62
24	26	340	453-24-26	34,50
24	27	340	453-24-27	34,80
25	28	347	453-25-28	40,17
27	29	351	453-27-29	42,18
27	30	351	453-27-30	44,56
30	32	365	453-30-32	48,97
32	36	415	453-32-36	73,67
36	41	450	453-36-41	87,34
41	46	506	453-41-46	115,68
46	50	526	453-46-50	142,67

		L mm	Part N°	€
1/4"	5/16"	170	453-1/4-5/16	11,83
5/16"	3/8"	183	453-5/16-3/8	12,26
3/8"	7/16"	197	453-3/8-7/16	13,19
7/16"	1/2"	212	453-7/16-1/2	14,24
1/2"	9/16"	222	453-1/2-9/16	14,35
9/16"	5/8"	245	453-9/16-5/8	15,75
5/8"	11/16"	246	453-5/8-11/16	17,89
11/16"	3/4"	275	453-11/16-3/4	23,56
13/16"	7/8"	318	453-13/16-7/8	23,96
7/8"	15/16"	327	453-7/8-15/16	31,55
15/16"	1"	340	453-15/16-1	33,22
1"	1.1/8"	347	453-1-1.1/8	39,05
1.1/16"	1.1/4	365	453-1.1/16-1.1/4	42,48
1.1/8"	1.1/4	370	453-1.1/8-1.1/4	50,79

**453**

Nylon Pouch

**6**  
Pcs

Cr-V



350 x 330 mm



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Part N°	€
453-001	92,67
453-001V *	20,32

\* Empty Nylon Pouch

**453**

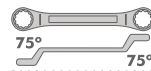
Nylon Pouch

**8**  
Pcs

Cr-V



390 x 380 mm



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

Part N°	€
453-002	139,57
453-002V *	21,66

\* Empty Nylon Pouch

**453**

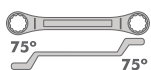
Nylon Pouch

**12**  
Pcs

Cr-V



620 x 480 mm



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

Part N°	€
453-003	291,37
453-003V *	25,12

\* Empty Nylon Pouch

**453**

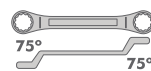
Nylon Pouch

**14**  
Pcs

Cr-V



620 x 600 mm



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15  
• 16x17 • 18x19 • 20x22 • 21x23 • 24x26  
• 25x28 • 30x32 • 32x36 • 36x41

Part N°	€
453-004	455,83
453-004V *	26,46

\* Empty Nylon Pouch

# Wrenches

## Double Ring Offset Wrenches Sets



453

Nylon Pouch

7  
Pcs

SAE

Cr-V



390 x 380 mm



- 1/4" x 5/16"
- 5/16" x 3/8"
- 3/8" x 7/16"
- 7/16" x 1/2"
- 1/2" x 9/16"
- 5/8" x 11/16"
- 11/16" x 3/4"

Part N°	€
453-005	113,57
453-005V *	21,47

\* Empty Nylon Pouch

453

Nylon Pouch

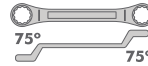
10  
Pcs

SAE

Cr-V



620 x 480 mm



- 1/4" x 5/16"
- 5/16" x 3/8"
- 3/8" x 7/16"
- 7/16" x 1/2"
- 1/2" x 9/16"
- 9/16" x 5/8"
- 5/8" x 11/16"
- 13/16" x 7/8"
- 15/16" x 1"
- 1.1/16" x 1.1/4"

Part N°	€
453-006	205,42
453-006V *	24,79

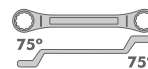
\* Empty Nylon Pouch

453

Carton Box

8  
Pcs

Cr-V



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

Part N°	€
453-018	141,57



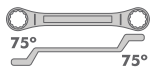
## Double Ring Offset Wrenches Sets

**453**

Plastic Holder

**6**  
Pcs

CrV



• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Part N°	€
453-016	104,61
450-011V *	15,30

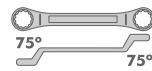
\* Empty Plastic Holder

**453**

Plastic Holder

**6**  
Pcs

CrV



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Part N°	€
453-016-2	94,67
450-011V *	15,30

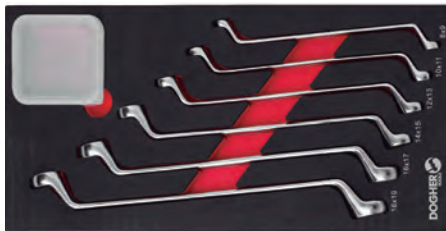
\* Empty Plastic Holder

**453**

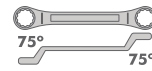
EVA Foam Tray

**6**  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Part N°	€
453-080	108,86

Further Information about Storage and EVA Foam Trays in Pages:

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## Half Moon Wrenches

**473**

Half Moon Wrench

CrV



mm	mm	L mm	Part N°	€
11	13	149	473-11-13	12,63
14	17	170	473-14-17	14,24
15	16	170	473-15-16	14,28
15	17	170	473-15-17	14,28
19	22	227	473-19-22	18,27

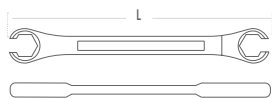
# Wrenches

## Flare Nut Wrench



**483**

### Flare Nut Wrench



mm	L mm	Part N°	€
8 x 10	131	483-08-10	14,12
9 x 11	151	483-09-11	14,23
10 x 11	152	483-10-11	14,81
10 x 12	152	483-10-12	15,36
12 x 13	168	483-12-13	15,81
12 x 14	177	483-12-14	16,59
14 x 15	177	483-14-15	16,59
14 x 17	194	483-14-17	16,59
17 x 19	214	483-17-19	22,66
19 x 22	235	483-19-22	22,66
22 x 24	255	483-22-24	25,96
24 x 27	273	483-24-27	32,81
30 x 32	292	483-30-32	40,61

**485**

### Flare Nut Gear Wrench



mm	L mm	A mm	B mm	Part N°	€
10	156	32	7	485-10	28,72
11	156	32	7	485-11	28,72
12	156	32	7	485-12	28,72
13	156	32	7	485-13	28,72
14	156	32	7	485-14	28,72
17	210	35	8	485-17	34,98
19	210	37	8	485-19	34,98
22	220	41	11	485-22	38,51
24	220	41	11	485-24	42,14
27	318	49	13	485-27	59,76
32	320	54	17,8	485-32	65,68

**483**

### Plastic Holder

**6**  
Pcs

CrV

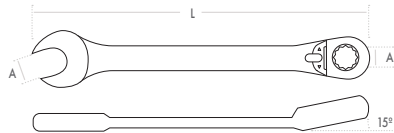


Part N°	€
483-016	114,32
450-011 V *	15,30

\* Empty Plastic Holder

**457**

Combination Reversible Gear Wrench



A mm	L mm	Part N°	€
<b>6</b>	120	<b>457-06</b>	<b>26,48</b>
<b>7</b>	120	<b>457-07</b>	<b>26,48</b>
<b>8</b>	134	<b>457-08</b>	<b>26,48</b>
<b>9</b>	158	<b>457-09</b>	<b>27,52</b>
<b>10</b>	158	<b>457-10</b>	<b>29,32</b>
<b>11</b>	164	<b>457-11</b>	<b>30,89</b>
<b>12</b>	167	<b>457-12</b>	<b>31,96</b>
<b>13</b>	177	<b>457-13</b>	<b>34,07</b>
<b>14</b>	189	<b>457-14</b>	<b>35,11</b>
<b>15</b>	198	<b>457-15</b>	<b>36,54</b>
<b>16</b>	204	<b>457-16</b>	<b>37,85</b>
<b>17</b>	224	<b>457-17</b>	<b>39,83</b>
<b>18</b>	245	<b>457-18</b>	<b>41,76</b>
<b>19</b>	245	<b>457-19</b>	<b>42,57</b>
<b>20</b>	280	<b>457-20</b>	<b>50,34</b>
<b>21</b>	280	<b>457-21</b>	<b>44,25</b>
<b>22</b>	280	<b>457-22</b>	<b>47,02</b>
<b>23</b>	320	<b>457-23</b>	<b>60,76</b>
<b>24</b>	310	<b>457-24</b>	<b>51,94</b>
<b>25</b>	320	<b>457-25</b>	<b>70,78</b>
<b>26</b>	320	<b>457-26</b>	<b>76,19</b>
<b>27</b>	330	<b>457-27</b>	<b>60,29</b>
<b>28</b>	355	<b>457-28</b>	<b>97,15</b>
<b>29</b>	355	<b>457-29</b>	<b>98,52</b>
<b>30</b>	425	<b>457-30</b>	<b>80,34</b>
<b>31</b>	425	<b>457-31</b>	<b>111,02</b>
<b>32</b>	425	<b>457-32</b>	<b>86,52</b>
<b>33</b>	425	<b>457-33</b>	<b>116,58</b>
<b>36</b>	445	<b>457-36</b>	<b>201,40</b>



# Gear Wrenches

## Combination Gear Wrench Sets



**457**

Nylon Pouch

**457**

Plastic Holder

**7**  
Pcs

CrV

72<sup>5°</sup>



330 x 390 mm



10 • 12 • 13 • 14 • 15 • 17 • 19

15°

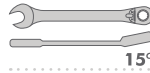
Part N°	€
<b>457-001</b>	<b>255,65</b>
<b>457-001V *</b>	<b>19,09</b>

\* Empty Nylon Pouch

**5**  
Pcs

CrV

72<sup>5°</sup>



10 • 12 • 13 • 14 • 15

15°

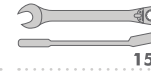
Part N°	€
<b>457-015</b>	<b>175,25</b>
<b>450-011V *</b>	<b>15,30</b>

\* Empty Plastic Holder

**5**  
Pcs

CrV

72<sup>5°</sup>



8 • 10 • 13 • 17 • 19

15°

Part N°	€
<b>457-014</b>	<b>180,52</b>
<b>450-011V *</b>	<b>15,30</b>

\* Empty Plastic Holder

**457**

Plastic Holder

**6**  
Pcs

CrV

72<sup>5°</sup>



8 • 10 • 12 • 13 • 14 • 17

15°

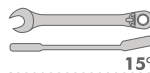
Part N°	€
<b>457-016</b>	<b>205,02</b>
<b>450-011V *</b>	<b>15,30</b>

\* Empty Plastic Holder

**7**  
Pcs

CrV

72<sup>5°</sup>



10 • 12 • 13 • 14 • 15 • 17 • 19

15°

Part N°	€
<b>457-017</b>	<b>257,65</b>
<b>455-012V *</b>	<b>14,62</b>

\* Empty Plastic Holder

**8**  
Pcs

CrV

72<sup>5°</sup>



8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

15°

Part N°	€
<b>457-018</b>	<b>278,48</b>
<b>450-013V *</b>	<b>17,83</b>

\* Empty Plastic Holder

**457** Plastic Holder

**12**  
Pcs

CrV  
72<sup>5°</sup>



8 • 9 • 10 • 11 • 12 • 13  
14 • 15 • 16 • 17 • 18 • 19  
15°

Part N°	€
457-020	422,15
450-017V *	24,21

\* Empty Plastic Holder

**457** Carton Box

**5**  
Pcs

CrV  
72<sup>5°</sup>



10 • 12 • 13 • 14 • 15  
15°

Part N°	€
457-035	175,25

**6**  
Pcs

CrV  
72<sup>5°</sup>



10 • 12 • 13 • 14 • 15 • 17  
15°

Part N°	€
457-036	215,08

**457** Carton Box

**6**  
Pcs

CrV  
72<sup>5°</sup>



10 • 11 • 13 • 14 • 15 • 17  
15°

Part N°	€
457-046	214,01

**8**  
Pcs

CrV  
72<sup>5°</sup>



8 • 10 • 12 • 13 • 14 • 15 • 17 • 19  
15°

Part N°	€
457-038	284,13

**457** EVA Foam Tray

**7**  
Pcs

CrV  
72<sup>5°</sup>



8 • 10 • 13 • 15 • 17 • 19 • 22  
15°

Part N°	€
457-081	268,33

**10**  
Pcs



10 • 12 • 13 • 14  
15° • 15 • 17 • 19 1/4" • 3/8" • 1/2"

Part N°	€
457-080	288,92*

Further Information about Storage and EVA Foam Trays in Pages:

20 • 35

\* Until end of stock

# Gear Wrenches

Non Reversible Combination Gear Wrenches



**4557**

Non Reversible Combination Gear Wrench



mm	L mm	Part N°	€
<b>6</b>	130	<b>4557-06</b>	<b>20,36</b>
<b>7</b>	130	<b>4557-07</b>	<b>20,36</b>
<b>8</b>	140	<b>4557-08</b>	<b>15,90</b>
<b>9</b>	150	<b>4557-09</b>	<b>15,90</b>
<b>10</b>	160	<b>4557-10</b>	<b>17,44</b>
<b>11</b>	165	<b>4557-11</b>	<b>19,09</b>
<b>12</b>	172	<b>4557-12</b>	<b>20,16</b>
<b>13</b>	177	<b>4557-13</b>	<b>21,49</b>
<b>14</b>	191	<b>4557-14</b>	<b>22,42</b>
<b>15</b>	199	<b>4557-15</b>	<b>24,30</b>
<b>16</b>	209	<b>4557-16</b>	<b>26,16</b>
<b>17</b>	225	<b>4557-17</b>	<b>27,42</b>
<b>18</b>	237	<b>4557-18</b>	<b>29,84</b>
<b>19</b>	248	<b>4557-19</b>	<b>30,11</b>
<b>20</b>	248	<b>4557-20</b>	<b>34,97</b>
<b>21</b>	289	<b>4557-21</b>	<b>39,84</b>
<b>22</b>	289	<b>4557-22</b>	<b>42,98</b>
<b>24</b>	320	<b>4557-24</b>	<b>48,15</b>
<b>27</b>	364	<b>4557-27</b>	<b>57,69</b>
<b>30</b>	423	<b>4557-30</b>	<b>74,35</b>
<b>32</b>	423	<b>4557-32</b>	<b>76,48</b>



**4557**

Plastic Holders

**6**  
Pcs

Cr-V



 • 8 • 10 • 11 • 12 • 13 • 17

Part N°	€
4557-016	129,75
450-011V *	15,30

\* Empty Plastic Holder

**4557**

Plastic Holders

**8**  
Pcs

Cr-V



 • 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

Part N°	€
4557-018	182,28
450-013V *	17,83

\* Empty Plastic Holder

**4557**

Plastic Holders

**10**  
Pcs

Cr-V



 • 8 • 9 • 10 • 11 • 12 • 13 • 14  
• 15 • 16 • 17

Part N°	€
4557-020	218,53
450-015V *	22,93

\* Empty Plastic Holder

**4557**

Plastic Holders

**12**  
Pcs

Cr-V



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

Part N°	€
4557-022	278,48
450-017V *	24,21

\* Empty Plastic Holder

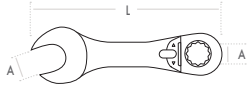
# Gear Wrenches

## Stubby Combination Gear Wrenches



459

### Stubby Combination Gear Wrench



A mm	L mm	Part N°	€
8	93	459-08	19,06
10	95	459-10	21,46
13	106	459-13	23,67
17	125	459-17	28,79
19	138	459-19	31,50

## Stubby Combination Gear Wrench Sets

459

### Plastic Holder



• 8 • 10 • 13 • 17 • 19

Part N°	€
459-015	132,73
459-010V *	19,48

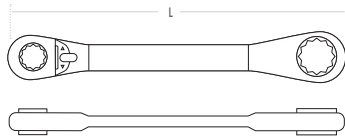
\* Empty Plastic Holder

**475**

4 in 1 Gear Wrench

CrV

72<sup>5º</sup>



mm	mm	L mm	Part N°	€
8x10	12x13	165	475-08-13	31,01
9x11	14x15	180	475-09-15	36,27
10x13	17x19	204	475-10-19	41,04
13x15	17x19	225	475-13-19	38,48
16x17	18x19	225	475-16-19	41,04

4 in 1 Gear Wrench Sets

**475**

Nylon Pouch

**3**  
Pcs

CrV

72<sup>5º</sup>



220 x 330 mm



- 8x10 12x13
- 9x11 14x15
- 16x17 18x19

Part N°	€
475-001	118,57
475-001 V *	14,50

\* Empty Nylon Pouch



# Gear Wrenches

Flexible Gear Wrenches

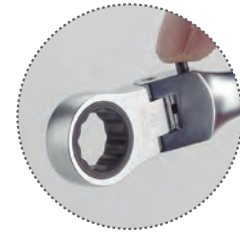
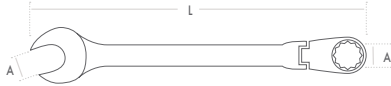


458

Flexible Gear Wrench

CrV

72° 5°



A mm	L mm	Part N°	€
6	136	458-06	24,47
7	136	458-07	24,65
8	136	458-08	24,62
9	150	458-09	26,08
10	158	458-10	27,16
11	175	458-11	28,58
12	175	458-12	30,88
13	185	458-13	31,32
14	193	458-14	33,15
15	215	458-15	34,83
16	215	458-16	35,23
17	231	458-17	37,61
18	249	458-18	38,61
19	249	458-19	41,27
20	280	458-20	47,96
21	280	458-21	48,71
22	280	458-22	53,69
24	310	458-24	61,23

**458**

Plastic Holder

**5**  
Pcs

CrV

72<sup>5ª</sup>



 8 • 10 • 13 • 17 • 19

Part N°	€
458-015	170,23
450-011V *	15,30

\* Empty Plastic Holder

**458**

Plastic Holder

**8**  
Pcs

CrV

72<sup>5ª</sup>



 8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

Part N°	€
458-018	262,84
450-013V *	17,83

\* Empty Plastic Holder

**458**

Carton Box

**5**  
Pcs

CrV

72<sup>5ª</sup>



 8 • 10 • 13 • 17 • 19

Part N°	€
458-035	170,23

**6**  
Pcs

CrV

72<sup>5ª</sup>



 10 • 12 • 13 • 14 • 15 • 17

Part N°	€
458-036	203,20

**8**  
Pcs

CrV

72<sup>5ª</sup>



 8 • 10 • 12 • 13 • 14 • 15 • 17 • 19

Part N°	€
458-038	269,09

# Gear Wrenches

## Double Box Flat Gear Wrench

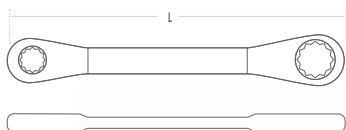


456

### Double Box Flat Gear Wrench

CrV

72<sup>5°</sup>



mm	mm	L mm	Part N°	€
6	7	115	456-06-07	22,19
7	8	115	456-07-08	22,19
8	9	130	456-08-09	22,19
10	11	145	456-10-11	24,60
12	13	166	456-12-13	31,09
13	17	181	456-13-17	31,27
14	15	181	456-14-15	32,31
16	18	205	456-16-18	34,95
17	19	225	456-17-19	35,92
20	22	255	456-20-22	58,91

## Double Box Flat Gear Wrench Sets

456

### Plastic Holder

5  
Pcs

CrV

72<sup>5°</sup>



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15

Part N°	€
456-015	140,63
450-011V *	15,30

\* Empty Plastic Holder



## Double Box Flat Gear Wrench Sets

456

Carton Box

5  
Pcs

Cr-V

72<sup>5º</sup>



• 8x9 • 10x11 • 12x13 • 14x15 • 16x18

Part N°

€

456-035

153,39

456

Carton Box

6  
Pcs

Cr-V

72<sup>5º</sup>



• 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19

Part N°

€

456-036

189,31

## Double E Socket Gear Wrenches

474

Double E Socket Gear Wrench

Cr-V

72<sup>5º</sup>



		L mm	Part N°	€
<b>E6</b>	<b>E8</b>	130	<b>474-E6-E8</b>	<b>27,59</b>
<b>E10</b>	<b>E12</b>	144	<b>474-E10-E12</b>	<b>28,86</b>
<b>E14</b>	<b>E18</b>	180	<b>474-E14-E18</b>	<b>35,67</b>
<b>E20</b>	<b>E24</b>	220	<b>474-E20-E24</b>	<b>42,75</b>

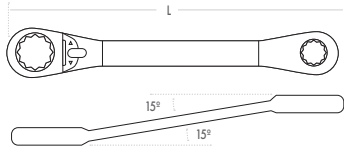
# Gear Wrenches

## Double Box 15° Gear Wrenches



455

Double Box 15° Gear Wrench



SAE

mm	mm	L mm	Part N°	€
6	7	115	455-06-07	36,08
8	9	130	455-08-09	36,08
8	10	130	455-08-10	36,08
10	11	145	455-10-11	38,20
10	12	145	455-10-12	38,20
10	13	145	455-10-13	40,93
12	13	166	455-12-13	42,17
12	14	166	455-12-14	42,17
14	15	180	455-14-15	42,64
14	17	180	455-14-17	46,91
16	17	205	455-16-17	46,91
16	18	205	455-16-18	46,91
17	19	225	455-17-19	48,80

mm	mm	L mm	Part N°	€
1/4"	5/16"	115	455-1/4-5/16	34,39
3/8"	7/16"	145	455-3/8-7/16	36,93
1/2"	9/16"	166	455-1/2-9/16	41,01

455

Nylon Pouch

6

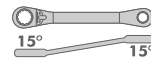
Pcs

CrV

72° 15°



300 x 390 mm



• 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19

Part N°	€
455-001	261,05
455-001V *	19,44

\* Empty Nylon Pouch

455

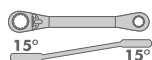
Carton Box

5

Pcs

CrV

72° 15°



• 8x9 • 10x11 • 12x13 • 14x15 • 16x18

Part N°	€
455-035	214,25

455

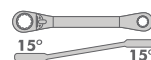
Carton Box

6

Pcs

CrV

72° 15°

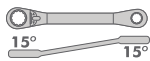


• 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19

Part N°	€
455-036	263,05

### 455 Plastic Holder

**5**  
Pcs CrV 72<sup>5°</sup>



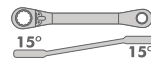
• 8x9 • 10x11 • 12x13 • 14x15 • 16x18

Part N°	€
455-015	214,25
450-011V *	15,30

\* Empty Plastic Holder

### 455 Plastic Holder

**7**  
Pcs CrV 72<sup>5°</sup>



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19

Part N°	€
455-017	299,13
455-012V *	14,62

\* Empty Plastic Holder

### 455 EVA Foam Tray

**9**  
Pcs

CrV

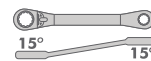
72<sup>5°</sup>



1/3 (375 x 188 x 30 mm)

Further Information about EVA Foam Trays

p. 20 • 35



• 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19



• 1/4" • 3/8" • 1/2"

Part N°	€
455-080	294,32

## Accessories for Gear Wrenches

### 476 Square Drive

CrV



□	○ mm	Part N°	€
1/4"	10	476-1/4-10	7,92
3/8"	13	476-3/8-13	8,81
1/2"	19	476-1/2-19	10,29
3/4"	32	476-3/4-32	20,54

### 476 Bit Holder

CrV



○	○ mm	Part N°	€
1/4"	10	476-1/4P-10	2,98
5/16"	13	476-5/16P-13	4,98
10 mm	19	476-10P-19	6,05



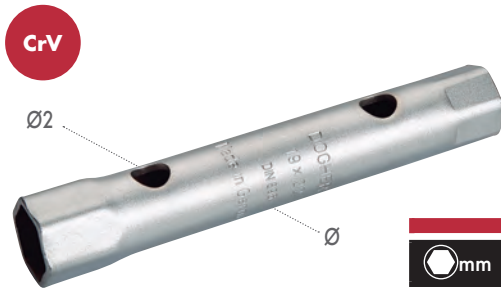
# Wrenches

## Tubular Socket Wrenches



461

### Double Ended Tubular Socket Wrench



Bar

mm	mm	L mm	Ø mm	Ø2 mm	Part N°	€	L mm	Ø mm	Part N°	€
6	7	110	12	7	461-06-07	6,86	131,5	6,5	460-04	5,32
8	9	110	14	7	461-08-09	7,56	131,5	5,5	460-03	3,81
8	10	120	13	6	461-08-10	8,19				
9	10	120	13	6	461-09-10	8,52				
10	11	130	17	8	461-10-11	8,81				
10	13	140	15	8	461-10-13	9,10				
11	13	140	15	8	461-11-13	9,33				
12	13	140	17	8	461-12-13	9,51	131,5	7,5	460-05	6,69
12	14	143	17	8	461-12-14	9,92				
13	14	144	17	8	461-13-14	10,16				
13	15	142	17	8	461-13-15	10,27				
13	17	149	20	10	461-13-17	10,30	131,5	9,5	460-06	8,05
14	15	140	19	8	461-14-15	10,30	131,5	7,5	460-05	6,69
14	17	149	20	10	461-14-17	10,97	131,5	9,5	460-06	8,05
16	17	150	21	8	461-16-17	11,13	131,5	7,5	460-05	6,69
17	19	157	24	10	461-17-19	12,58	131,5	9,5	460-07	9,42
18	19	160	22	8	461-18-19	13,32	131,5	7,5	460-05	6,69
19	22	169	26	12	461-19-22	14,24	131,5	11,5	460-07	9,42
20	22	170	25,5	8	461-20-22	15,03				
21	23	170	25,5	8	461-21-23	16,85	131,5	7,5	460-05	6,69
22	24	184	33	14	461-22-24	17,80	131,5	12,5	460-08	11,84
24	26	190	32	8	461-24-26	18,22	131,5	7,5	460-05	6,69
24	27	183	30	14	461-24-27	19,69	131,5	12,5	460-08	11,84
25	28	190	32	8	461-25-28	21,11				
27	29	195	32	8	461-27-29	23,26	131,5	7,5	460-05	6,69
27	30	198	35	18	461-27-30	23,26	250	13,6	543-015	17,40
27	32	196	35	18	461-27-32	23,26	250	13,6	543-015	17,40
30	32	210	32	8	461-30-32	23,26	131,5	7,5	460-05	6,69
36	38	165	42,5	10	461-36-38	23,52	131,5	9,5	460-06	8,05
36	41	221	45	18	461-36-41	39,11				
41	46	237	50	18	461-41-46	45,53				
46	50	238	54	18	461-46-50	67,32				
50	55	238	60	18	461-50-55	80,18	500	18	460-10	26,36

• Additional Compatible Bars:

L mm	Ø mm	Part N°	€
115	7,5	509-015	8,31
200	11	524-015	12,83
250	13,6	543-015	17,40

**461**

Nylon Pouch

**8**

Pcs

CrV



380 x 400 mm



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

Part N°	€
461-001	88,77
461-001V *	20,54

\* Empty Nylon Pouch

**461**

Nylon Pouch

**12**

Pcs

CrV



520 x 390 mm



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

Part N°	€
461-002	172,21
461-002V *	22,55

\* Empty Nylon Pouch

# Wrenches

## Hex Socket Wrenches & Spare Bar



460

Double Ended Hex Socket Wrench

CrV



mm	mm	L mm	mm	Part N°	€
6	7	105	8	460-06-07	14,98
8	9	110	8,6	460-08-09	15,18
10	11	120	11	460-10-11	16,07
12	13	140	13	460-12-13	18,86
14	15	145	14	460-14-15	21,12
16	17	155	16	460-16-17	24,60
18	19	165	18	460-18-19	28,91
20	22	170	20	460-20-22	32,06
21	23	185	21	460-21-23	35,66
24	26	190	24	460-24-26	40,70
25	28	205	25	460-25-28	46,71
27	29	210	27	460-27-29	53,34
30	32	210	30	460-30-32	59,36

460

Double Ended Hex Socket Wrench Bar



Ø mm	mm	mm	Part N°	€
2,5	6	7	460-01	2,28
	8	9		
4,5	10	11	460-02	3,50
	12	13		
5,5	14	15	460-03	3,81
	16	17		
6,5	18	19	460-04	5,32
	20	22		
7,5	21	23	460-05	6,69
	24	26		
9,5	25	28	460-06	8,05
	27	29		
11,5	30	32	460-07	9,42
12,5			460-08	11,84

## Double Ended Hex Socket Wrench Sets

460

EVA Foam Tray

8  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



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

Part N°	€
460-080	181,03



## Double Ended Hex Socket Wrench Sets

460

Nylon Pouch

6  
Pcs

Cr-V



330 x 350 mm



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Part N°	€
460-001	117,06
460-001V *	18,19

\* Empty Nylon Pouch

460

Nylon Pouch

8  
Pcs

Cr-V



430 x 380 mm



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

Part N°	€
460-002	178,03
460-002V *	19,97

\* Empty Nylon Pouch

460

Nylon Pouch

10  
Pcs

Cr-V



480 x 380 mm



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17  
• 18x19 • 20x22 • 21x23 • 24x26

Part N°	€
460-003	256,39
460-003V *	19,97

\* Empty Nylon Pouch

460

Nylon Pouch

12  
Pcs

Cr-V



520 x 390 mm



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

Part N°	€
460-004	363,46
460-004V *	21,95

\* Empty Nylon Pouch

# Wrenches

## Angled Wrenches



462

6x6 Angled Open Socket Wrench

CrV

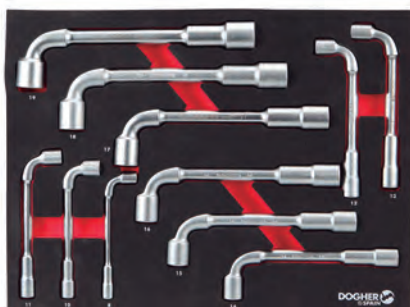


mm	L mm	Part N°	€
6	110	462-06	13,66
7	114	462-07	14,16
8	120	462-08	14,53
9	125	462-09	14,53
10	131	462-10	14,96
11	137	462-11	15,63
12	144	462-12	16,55
13	153	462-13	16,81
14	160	462-14	18,55
15	174	462-15	20,16
16	185	462-16	21,98
17	197	462-17	22,01
18	211	462-18	25,27
19	218	462-19	28,16
20	222	462-20	30,83
21	231	462-21	33,98
22	247	462-22	35,65
23	255	462-23	36,33
24	266	462-24	43,21
25	278	462-25	47,95
26	289	462-26	53,47
27	299	462-27	58,37
28	310	462-28	65,73
29	319	462-29	70,10
30	332	462-30	73,83
32	353	462-32	77,05

462

EVA Foam Tray

11  
Pcs



1/2 (375 x 280 x 30)



Part N°	€
462-080	234,61

Further Information about EVA Foam Trays

p. 20 • 35

**462**

6x6 Angled Open Socket Wrench Set

**5**  
Pcs

CrV



Part N°	€
462-010	93,11

**462**

6x6 Angled Open Socket Wrench Set

**10**  
Pcs

CrV



Part N°	€
462-011	183,27

**462**

Nylon Pouch

**6**  
Pcs

CrV



190 x 280 mm



Part N°	€
462-001	122,37
462-001V *	18,19

\* Empty Nylon Pouch

**462**

Nylon Pouch

**10**  
Pcs

CrV



Part N°	€
462-003	191,77
462-003V *	19,02

\* Empty Nylon Pouch



# Wrenches

## Angled Wrenches



467

Double Flexible Socket Wrench

CrV



mm	mm	L mm	Part N°	€
6	7	195	467-06-07	19,65
8	9	195	467-08-09	19,65
10	11	210	467-10-11	20,23
12	13	225	467-12-13	24,05
14	15	245	467-14-15	27,00
16	17	260	467-16-17	30,93
18	19	275	467-18-19	35,95
20	22	300	467-20-22	45,32
21	23	300	467-21-23	47,29
24	27	325	467-24-27	52,35

467

EVA Foam Tray

6 Pcs

CrV



1/3 (375 x 188 x 30 mm)

• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Part N°	€
467-080	170,31

Further Information about Storage and EVA Foam Trays in Pages: 20 • 35

465

"L" Type Handle

CrV

1/2"



mm	L mm	Part N°	€
1/2"	300	465-1/2-300	16,22

CrV

3/4"



mm	L mm	Part N°	€
3/4"	300	465-3/4-300	25,75
3/4"	450	465-3/4-450	34,37

467

Nylon Pouch

7 Pcs

CrV



330 x 390 mm

• 8x9 • 10x11 • 12x13 • 14x15 • 16x17  
• 18x19 • 20x22

Part N°	€
467-001	209,38
467-001V *	20,16

\* Empty Nylon Pouch

**466** 4 Way Lug Wrench



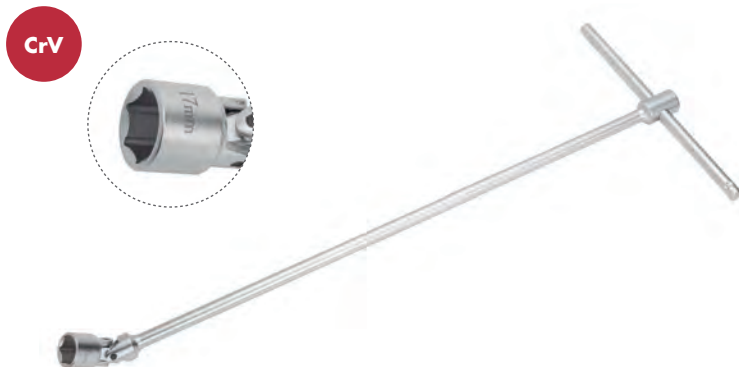
mm	mm	L mm	Part N°	€
1/2"	17x19x22	375	466-1/2-375	31,23
3/4"	24x27x32	625	466-3/4-625	91,85

**468** "T" Type Spark Plug Flexible Socket Wrench



mm	L mm	Part N°	€
16	300	468-16-300	32,88
18	300	468-18-300	33,90
21	300	468-21-300	34,14

**469** "T" Type Universal Flexible Socket Wrench



mm	L mm	Part N°	€
6	390	469-06-390	31,95
8	390	469-08-390	31,95
10	500	469-10-500	35,61
12	500	469-12-500	35,61
13	500	469-13-500	35,61
17	500	469-17-500	40,29
19	500	469-19-500	45,01

# Wrenches

## Universal Cabinet Keys



**470**

### Universal Control Cabinet Key Water, Gas

6-8 mm

PH2

7 mm

9 mm

9 mm

Adapt. 1/4"

Part N°	€
<b>470-001</b>	<b>23,37</b>



· Made of Zinc die casting. For technical installations in buildings, e.g., air conditioning and ventilation systems, shut-off valves, main switch-board, etc...

**EXP**

### 12 Universal Control Cabinet Keys: Water, Gas



**12**  
Pcs

**470-001 (x12)**

Part N°	€
<b>470-001J</b>	<b>280,44</b>

230 x 210 x 155 mm

**470**

### Universal Control Cabinet Key Boilers, AC

6-8 mm

PH2

Adapt. 1/4"

10 mm

9 mm

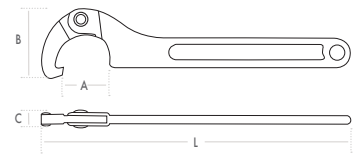
7 mm



Part N°	€
<b>470-002</b>	<b>23,79</b>

· Made of Zinc die casting. For technical installations in buildings, e.g., air conditioning and ventilation systems, shut-off valves, main switch-board, etc...


Hook Wrenches



**471** Fixed Hook Wrench

CrV




 mm	L mm	Part N°	€
<b>13~35</b>	168	<b>471-13-35</b>	<b>37,28</b>
<b>35~50</b>	202	<b>471-35-50</b>	<b>40,59</b>
<b>50~80</b>	280	<b>471-50-80</b>	<b>55,70</b>
<b>80~120</b>	345	<b>471-80-120</b>	<b>72,17</b>
<b>120~180</b>	492	<b>471-120-180</b>	<b>99,27</b>

**472** Pin Hook Wrench

CrV




 mm	L mm	Part N°	€
<b>13~35</b>	168	<b>472-13-35</b>	<b>39,15</b>
<b>35~50</b>	202	<b>472-35-50</b>	<b>43,28</b>
<b>50~80</b>	280	<b>472-50-80</b>	<b>56,39</b>
<b>80~120</b>	345	<b>472-80-120</b>	<b>75,68</b>
<b>120~180</b>	492	<b>472-120-180</b>	<b>101,29</b>

**472** Spare Pin

CrV



 mm	Ø mm	Part N°	€
<b>13~35</b>	3	<b>472-0</b>	<b>3,35</b>
<b>35~50</b>	4	<b>472-1</b>	<b>4,42</b>
<b>50~80</b>	5	<b>472-2</b>	<b>6,22</b>
<b>80~120</b>	6	<b>472-3</b>	<b>7,92</b>
<b>120~180</b>	8	<b>472-4</b>	<b>10,36</b>

**471** Fixed Hook Wrench


CrV



 mm	L Handle	Part N°	€
<b>120~325</b>	600	<b>471-120-325</b>	<b>459,87</b>

**472** Adjustable Hook Wrenches Set



 mm	Part N°	€
<b>20~100</b>	<b>472-001</b>	<b>156,83</b>



# Wrenches

## Oil Drain Plug Key Wrenches



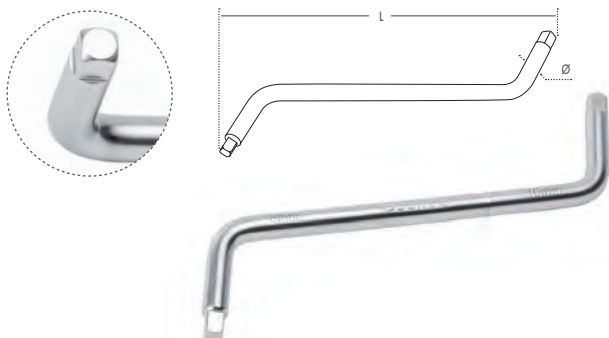
**482**

S-Type Oil Drain Plug Key Wrench

CrV

8 mm

10 mm



□ mm	○ mm	L mm	Ø mm	Part N°	€
8	10	255	12	482-001	12,31

• For oil crank and gear box plugs in Citroën, Peugeot, Renault, Volvo...

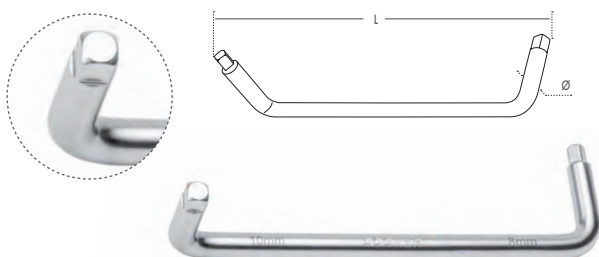
**482**

S-Type Heavy Duty Oil Drain Plug Key Wrench

CrV

8 mm

10 mm



□ mm	○ mm	L mm	Ø mm	Part N°	€
8	10	235	13	482-002	19,75

• For oil crank and gear box plugs in Citroën, Peugeot, Renault, Volvo...

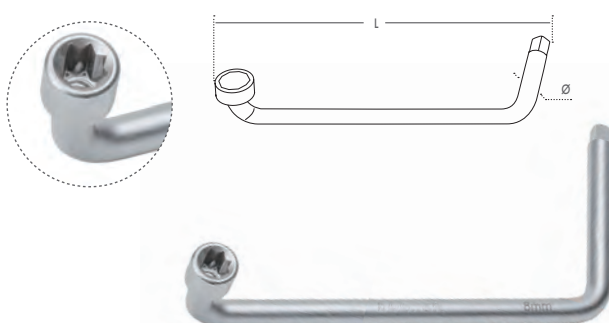
**482**

S-Type Heavy Duty Oil Drain Plug Key & Socket Wrench

CrV

8 mm

11 mm



□ mm	○ mm	L mm	Ø mm	Part N°	€
8	11	250	12	482-003	22,55

• For oil crank and gear box plugs in Citroën, Peugeot, Renault, Volvo...

**480**

Tyre Lever Wrench



L mm	Part N°	€
215	480-215	8,61
350	480-350	14,88
380	480-380	22,51
500	480-500	25,46

Tyre Lever and Oil Filter Wrenches

**466**

Tyre Lever Wrench



mm	Part N°	€
17	466-17	16,13
19	466-19	17,18
21	466-21	19,12
23	466-23	20,50

**481**

Adjustable 3 position Oil Filter Wrench



mm	Part N°	€
85~115	481-85-115	31,16

**481**

Oil Filter Belt Wrenches



mm	Part N°	€
65~105	481-65-105	26,66
110~165	481-110-165	28,32

• Remove the screw at the rotary rear end to replace the band.

**481**

Spare Belt



mm	Part N°	€
65~105	481-65-105R	7,89
110~165	481-110-165R	8,83

Suitable for  
481-65-105 / 481-110-165

**480**

Trim Removal Tools Set

**11**  
Pcs



- Tools to facilitate the dismantling of panels, dashboards, mouldings, boards and other accessories from the vehicle interior.
- Manufactured in high resistance plastic to guarantee a long durability.
- Avoid possible damages in the softer surfaces and pieces.



Part N°	€
480-011	42,26

# Wrenches

## Oil Filter Wrenches



**481**

Chain Oil Filter Wrench



L mm (Chain)	Ø mm	Part N°	€
<b>350</b>	60-105	<b>481-010</b>	<b>56,95</b>
<b>520</b>	60-160	<b>481-011</b>	<b>84,71</b>

Chain Spare

<b>481-010R</b>	<b>39,57</b>
<b>481-011R</b>	<b>47,51</b>

**481**

Belt Oil Filter Wrench



L mm (Belt)	Ø mm	Part N°	€
<b>580</b>	60-140	<b>481-020</b>	<b>36,30</b>
<b>840</b>	60-265	<b>481-021</b>	<b>67,29</b>

Spare Belt

<b>481-020R</b>	<b>17,96</b>
<b>481-021R</b>	<b>22,54</b>

**481**

Oil Filter Cap Set

**30**  
Pcs



Part N°	€
<b>481-001</b>	<b>211,74</b>

Includes:

- 28 press-on sleeve
- 3 Claw Adjustable Oil Filter Wrench 65-120mm
- 1 Reduction adaptor 1/2" to 3/8"

**481**

Oil Filter Cap

CrV

DIN7444



	Ø mm	Part N°	€	
<b>14</b>	65	<b>481-101</b>	<b>15,39</b>	Daihatsu - Toyota - Nissan - Fiat
<b>6</b>	66	<b>481-102</b>	<b>15,39</b>	Fiat Punto 1.2 - Renault Clio 1.2 - Rapid - Twingo
<b>14</b>	65-67	<b>481-103</b>	<b>15,39</b>	Daihatsu - Toyota - Nissan - Fiat
<b>14</b>	68	<b>481-104</b>	<b>15,39</b>	Mazda - Ford - Subaru
<b>14</b>	73	<b>481-105</b>	<b>15,39</b>	Toyota - Lexus - Alfa Romeo
<b>15</b>	74	<b>481-106</b>	<b>15,39</b>	Audi - General Motors - Rover - Chrysler
<b>15</b>	74-76	<b>481-107</b>	<b>15,39</b>	Ford - Opel - VW, Audi - Mercedes-Benz - Chrysler
<b>15</b>	75-77	<b>481-108</b>	<b>15,39</b>	VW - Audi - Isuzu - Mercedes-Benz - Ford - Opel
<b>8</b>	76	<b>481-109</b>	<b>15,39</b>	Fiat Marea - Lancia Delta
<b>12</b>	76	<b>481-110</b>	<b>15,39</b>	Fiat - Mercedes-Benz - Renault
<b>14</b>	76	<b>481-111</b>	<b>15,39</b>	VW - Porsche - Mercedes-Benz - BMW, Audi - Opel
<b>30</b>	76	<b>481-112</b>	<b>15,39</b>	Ford - Motorcraft FL400A
<b>15</b>	78	<b>481-113</b>	<b>15,39</b>	Nissan - Ford - Toyota - Honda
<b>15</b>	80	<b>481-114</b>	<b>15,39</b>	Nissan - Honda - Opel - Mazda - Subaru - Toyota
<b>15</b>	80-82	<b>481-115</b>	<b>15,39</b>	Subaru - Toyota - Honda - Nissan - Mazda - Acura
<b>16</b>	86	<b>481-116</b>	<b>15,39</b>	Volvo
<b>18</b>	86	<b>481-117</b>	<b>15,39</b>	VW - Audi - Peugeot - Citroen - Renault
<b>18</b>	90	<b>481-118</b>	<b>15,39</b>	Honda - Mitsubishi - Isuzu - Subaru - Mazda
<b>10</b>	92	<b>481-119</b>	<b>15,39</b>	Fiat - Lancia
<b>15</b>	93	<b>481-120</b>	<b>15,39</b>	Mazda - Volvo - Mitsubishi - Nissan - Honda
<b>36</b>	93	<b>481-121</b>	<b>15,39</b>	Ford - Motorcraft FLINFLA 1B - FL3001 - FL320
<b>45</b>	93	<b>481-122</b>	<b>15,39</b>	VW - Audi
<b>15</b>	95	<b>481-123</b>	<b>15,39</b>	Toyota - Alfa Romeo - Ford - General Motors - Chrysler
<b>18</b>	96	<b>481-124</b>	<b>15,39</b>	Audi - VW - Renault
<b>15</b>	100	<b>481-125</b>	<b>15,39</b>	Isuzu - Mitsubishi
<b>15</b>	106	<b>481-126</b>	<b>15,39</b>	Fiat - Scania - MAN
<b>15</b>	108	<b>481-127</b>	<b>15,39</b>	Volvo Diesel C70 - S70 - N70 - 850 TDI
<b>18</b>	108	<b>481-128</b>	<b>15,39</b>	Daihatsu - Toyota - Nissan - Fiat

**905**

3 Claw Adjustable Oil Filter Wrench

3/8"



Ø mm	Part N°	€
<b>65-120</b>	<b>905-020</b>	<b>20,33</b>



# Wrenches

Impact Ring Spanner



452

Slogging Ring Wrench

CrV

DIN7444



mm	L mm	Part N°	€
17	146	452-17	30,96
19	147	452-19	31,10
22	152	452-22	31,74
24	163	452-24	32,35
27	180	452-27	35,77
30	190	452-30	42,41
32	190	452-32	45,58
36	205	452-36	52,66
41	230	452-41	71,57
46	240	452-46	78,08
50	253	452-50	91,78
55	266	452-55	104,97
60	280	452-60	110,67
65	300	452-65	148,28
70	330	452-70	171,48
75	330	452-75	184,15
80	360	452-80	244,98
85	360	452-85	328,05
90	390	452-90	422,12
95	390	452-95	451,22
100	420	452-100	517,74
105	420	452-105	606,25
110	450	452-110	665,24
115	450	452-115	746,73
120	480	452-120	918,40
125	480	452-125	1.221,41
130	520	452-130	1.328,39
135	520	452-135	1.370,24
140	520	452-140	1.639,44
145	580	452-145	2.157,56
150	580	452-150	2.271,24
155	580	452-155	2.466,02
160	650	452-160	2.613,29
165	650	452-165	2.776,10
170	650	452-170	2.786,05
175	650	452-175	2.988,58
180	650	452-180	3.207,75

**478**

Open Ended Slogging Wrench

**DIN133**

CrV

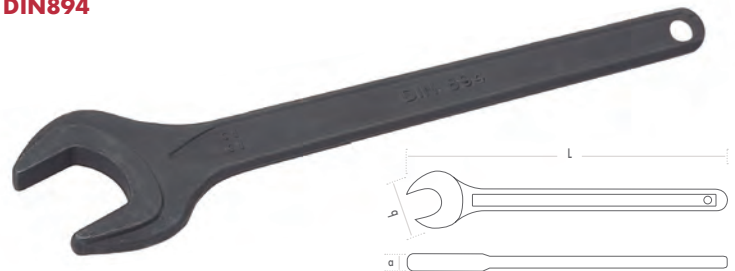


mm	L mm	Part N°	€
22	133	478-22	31,22
24	177	478-24	31,67
27	180	478-27	32,79
30	190	478-30	38,48
32	190	478-32	40,85
36	215	478-36	52,58
41	235	478-41	64,49
46	255	478-46	86,84
50	275	478-50	98,93
55	300	478-55	115,43
60	320	478-60	128,26
65	342	478-65	160,69
70	375	478-70	207,03
75	375	478-75	221,71
80	408	478-80	289,50
85	408	478-85	304,15
90	445	478-90	388,42
95	445	478-95	408,60
100	485	478-100	626,62
105	485	478-105	699,93
110	510	478-110	764,05
115	510	478-115	894,14
120	545	478-120	908,82
125	545	478-125	1.002,92

**479**

Single Open Ended Wrench

**DIN894**



mm	L mm	a mm	b mm	Part N°	€
07	78	3,2	15	479-07	3,79
08	94	3,7	18	479-08	3,79
09	100	3,7	20	479-09	3,80
10	106	4,5	22	479-10	3,80
11	112	4,8	24	479-11	3,91
12	125	4,3	26	479-12	3,91
13	125	5,1	27	479-13	3,91
14	135	5,3	30	479-14	4,55
15	140	5,5	32	479-15	4,73
16	156	5,3	33	479-16	4,88
17	158	5,8	35	479-17	4,89
18	171	5,4	37	479-18	4,89
19	171	6,5	39	479-19	5,10
22	190	6,9	44	479-22	6,36
24	208	8,3	49	479-24	7,67
27	235	8,9	55	479-27	8,77
30	262	9,6	61	479-30	10,30
32	274	10,2	64	479-32	11,64
34	284	10,1	69	479-34	19,33
36	295	11,3	72	479-36	20,93
38	295	11,6	77	479-38	23,57
41	335	12,3	83	479-41	24,00
46	370	12,6	91	479-46	27,15
50	400	13,5	100	479-50	34,01
55	445	15,8	113	479-55	40,17
60	475	16,0	121	479-60	56,63
65	510	17,2	132	479-65	67,92
70	560	19,8	142	479-70	79,33
75	585	19,6	152	479-75	136,65
80	635	22,1	160	479-80	161,28
85	675	23,4	175	479-85	196,89
90	745	22,1	190	479-90	220,20
95	855	26,7	205	479-95	334,99
100	1000	26,1	205	479-100	341,46

# Wrenches

Single Ended Ring Spanner



**484**

Deep Offset Slogging Ring Wrench

CrV



mm	Part N°	€
24	484-24	64,30
27	484-27	64,30
30	484-30	64,30
32	484-32	68,27
36	484-36	78,03
38	484-38	93,93
41	484-41	95,94
43	484-43	103,06
46	484-46	106,95
50	484-50	128,80
55	484-55	144,15
60	484-60	177,95
65	484-65	200,51
70	484-70	218,58
75	484-75	238,44
80	484-80	261,94
85	484-85	281,82
90	484-90	560,02
95	484-95	606,97
100	484-100	641,24
105	484-105	675,51
110	484-110	889,13
115	484-115	958,32

**484**

Deep Offset Slogging Ring Wrench Set

CrV



L mm	Ø mm	g	Part N°	€
350	32	960	484-001	58,05
580	32	1.600	484-002	78,18
850	32	2.300	484-003	122,99

# Wrenches

## Insulated Wrenches

VDE insulated Wrenches tested at 10.000V and certified for 1.000V

**4581**

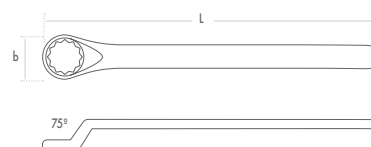
### Insulated Open Wrench



A mm	L mm	a mm	b mm	Part N°	€
6	89	7	22	4581-06	23,08
7	89	7	24	4581-07	23,17
8	99	7	25	4581-08	24,65
9	99	7	28	4581-09	24,76
10	108	8	29	4581-10	24,90
11	108	8	31	4581-11	25,35
12	129	8	33	4581-12	26,59
13	134	10	34	4581-13	26,59
14	144	10	37	4581-14	27,96
15	148	11	40	4581-15	27,95
16	158	11	42	4581-16	29,06
17	158	12	44	4581-17	29,61
18	173	12	44	4581-18	30,29
19	173	12	47	4581-19	31,45
21	194	12	50	4581-21	35,55
22	194	13	54	4581-22	39,41
24	224	13	56	4581-24	45,63
27	250	14	61	4581-27	48,73
30	287	14	66	4581-30	54,33
32	307	16	70	4581-32	55,66

**4583**

### Insulated Ring Wrench



	L mm	b mm	Part N°	€
6	151	16	4583-06	32,75
7	153	17	4583-07	32,75
8	157	18	4583-08	34,51
9	157	20	4583-09	35,18
10	172	21	4583-10	35,07
11	173	23	4583-11	35,39
12	194	23	4583-12	35,39
13	194	26	4583-13	37,96
14	207	26	4583-14	39,04
15	207	27	4583-15	40,47
16	218	30	4583-16	41,04
17	220	31	4583-17	42,29
18	234	32	4583-18	43,03
19	234	34	4583-19	44,48
21	248	38	4583-21	46,82
22	250	38	4583-22	47,17
24	270	40	4583-24	47,17

**4581**

### Nylon Pouch

**14**

Pcs

CrV



650 x 440 mm



8 • 9 • 10 • 11 • 12 • 13 • 14  
17 • 19 • 22 • 24 • 27 • 30 • 32

Part N°	€
4581-002	485,62
451-002V *	23,02

\* Empty Nylon Pouch



# Adjustable Wrenches

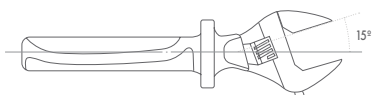
## Insulated Wrenches



495

### Insulated Adjustable Wrench

CrV



TESTED



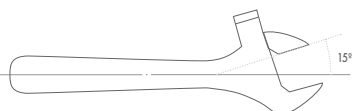
Bimaterial Handle

L mm	L "	mm	Part N°	€
200	8	25	495-200	49,99
250	10	33	495-250	59,12

497

### Insulated Spanish Type Adjustable Wrench

CrV



TESTED



L mm	L "	mm	Part N°	€
200	8	28	497-200	179,97
250	10	33	497-250	201,23
300	12	38	497-300	219,23

# DOGHER

TOOLS

Making Solutions



246



262



273



299



304



306



321



324

## Sockets 500

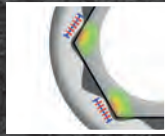
# Sockets

1/4"

Effect of stress:



• On the socket



• On the nut



Chrome Vanadium chromed sockets.  
High tensile strength and tenacity.

**500**

Hexagonal



1/4"



Cr-V

mm	L mm	Part N°	€
4	25	500-04	4,79
4,5	25	500-04,5	4,79
5	25	500-05	4,79
5,5	25	500-05,5	4,79
6	25	500-06	4,79
7	25	500-07	4,79
8	25	500-08	4,79
9	25	500-09	4,79
10	25	500-10	4,79
11	25	500-11	4,79
12	25	500-12	4,87
13	25	500-13	4,87
14	25	500-14	4,87

**501**

Bihexagonal



1/4"



Cr-V

mm	L mm	Part N°	€
4	25	501-04	4,79
4,5	25	501-04,5	4,79
5	25	501-05	4,79
5,5	25	501-05,5	4,79
6	25	501-06	4,79
7	25	501-07	4,79
8	25	501-08	4,79
9	25	501-09	4,79
10	25	501-10	4,79
11	25	501-11	4,79
12	25	501-12	4,87
13	25	501-13	4,87
14	25	501-14	4,87

**SAE**

	L mm	Part N°	€
5/32"	25	500-5/32	4,79
3/16"	25	500-3/16	4,79
7/32"	25	500-7/32	4,79
1/4"	25	500-1/4	4,79
9/32"	25	500-9/32	4,79
5/16"	25	500-5/16	4,79
11/32"	25	500-11/32	4,79
3/8"	25	500-3/8	4,87
7/16"	25	500-7/16	4,87
1/2"	25	500-1/2	4,87
9/16"	25	500-9/16	4,87

**511**

Spline



1/4"



Cr-V

Valid for 50% wear out nuts.

UNE 16501:2009 (ISO 1711-1)

mm	L mm					Part N°	€
4	25	4	5/32"	M5	E5	511-04	5,13
4,5	25	4,5	-			511-04,5	5,13
5	25	5	3/16"	M6	E6	511-05	5,13
6	25	6	1/4"			511-06	5,13
7	25	7	9/32"	M9		511-07	5,13
8	25	8	5/16"	M10	E10	511-08	5,13
9	25	9	11/32"			511-09	5,13
10	25	10	3/8"			511-10	5,13
11	25	11	7/16"	M14	E14	511-11	5,13
12	25	12	15/32"	M15	E16	511-12	5,21
13	25	13	1/2"	M16		511-13	5,21
14	25	14	9/16"	M18	E18	511-14	5,21

**502**

Hexagonal Long Series



mm	L mm	Part N°	€
4	50	502-04	8,70
4,5	50	502-04,5	8,70
5	50	502-05	8,70
5,5	50	502-05,5	8,70
6	50	502-06	8,70
7	50	502-07	8,70
8	50	502-08	8,70
9	50	502-09	8,70
10	50	502-10	8,70
11	50	502-11	8,70
12	50	502-12	9,34
13	50	502-13	9,34
14	50	502-14	9,34

**503**

Torx



	L mm	Part N°	€
<b>E4</b>	25	503-T04	5,48
<b>E5</b>	25	503-T05	5,48
<b>E6</b>	25	503-T06	5,48
<b>E7</b>	25	503-T07	5,48
<b>E8</b>	25	503-T08	5,48
<b>E10</b>	25	503-T10	5,48



# Sockets

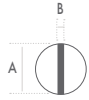
1/4"

Socket Bits

**504**

Slot

1/4"



S2



A mm	B mm	L mm	Part N°	€
4	0,8	37	504-040	6,77
5,5	1	37	504-055	6,77
6,5	1,2	37	504-065	6,77
8	1,2	37	504-080	6,77

**505**


Phillips

1/4"



S2



	L mm	Part N°	€
PH1	37	505-PH1	6,77
PH2	37	505-PH2	6,77
PH3	37	505-PH3	6,77

**506**


Pozidriv

1/4"



S2



	L mm	Part N°	€
PZ1	37	506-PZ1	6,77
PZ2	37	506-PZ2	6,77
PZ3	37	506-PZ3	6,77

**508**


Torx

1/4"



S2



	L mm	Part N°	€
T6	37	508-T06	7,65
T7	37	508-T07	7,65
T8	37	508-T08	7,65
T9	37	508-T09	7,65
T10	37	508-T10	7,65
T15	37	508-T15	7,65
T20	37	508-T20	7,65
T25	37	508-T25	7,65
T27	37	508-T27	7,65
T30	37	508-T30	7,65
T40	37	508-T40	7,65

**507**

Hexagonal

1/4"



S2



Hexagon	L mm	Part N°	€
<b>HX3</b>	37	<b>507-03</b>	<b>6,77</b>
<b>HX4</b>	37	<b>507-04</b>	<b>6,77</b>
<b>HX5</b>	37	<b>507-05</b>	<b>6,77</b>
<b>HX6</b>	37	<b>507-06</b>	<b>6,77</b>
<b>HX7</b>	37	<b>507-07</b>	<b>6,77</b>
<b>HX8</b>	37	<b>507-08</b>	<b>6,77</b>

**507**

Hexagonal

1/4"



S2



**SAE**

Hexagon	L mm	Part N°	€
<b>HX1/8"</b>	37	<b>507-1/8</b>	<b>10,19</b>
<b>HX9/64"</b>	37	<b>507-9/64</b>	<b>10,19</b>
<b>HX5/32"</b>	37	<b>507-5/32</b>	<b>10,19</b>
<b>HX3/16"</b>	37	<b>507-3/16</b>	<b>10,19</b>
<b>HX7/32"</b>	37	<b>507-7/32</b>	<b>10,19</b>
<b>HX1/4"</b>	37	<b>507-1/4</b>	<b>10,19</b>

**Accessories for Sockets**

**509**

Extension

1/4"

CrV



L mm	Part N°	€
<b>50</b>	<b>509-001</b>	<b>8,37</b>
<b>75</b>	<b>509-002</b>	<b>10,79</b>
<b>100</b>	<b>509-003</b>	<b>11,77</b>
<b>150</b>	<b>509-004</b>	<b>14,13</b>
<b>250</b>	<b>509-005</b>	<b>18,89</b>

**509**

Wobble Extension

1/4"

CrV



L mm	Part N°	€
<b>50</b>	<b>509-006</b>	<b>10,87</b>
<b>150</b>	<b>509-007</b>	<b>13,23</b>

**509**

Flexible Extension

1/4"

CrV



L mm	Part N°	€
<b>145</b>	<b>509-008</b>	<b>18,47</b>

# Sockets



1/4"

## Accessories for Sockets

509

Universal Joint

1/4"

CrV



Part N°	€
509-009	24,19

509

Increasing Adaptor

1/4"

3/8"

CrV



1/4"	3/8"	Part N°	€
		509-011	10,17

509

Square Drive Bit Holders

1/4"

1/4"

CrV



1/4"	1/4"	Part N°	€
		509-012	8,25

509

Multi-Function Palm Driver

1/4"

1/4"

CrV



1/4"	Part N°	€
	509-013	10,12

509

Sliding "T" Handle

1/4"

CrV



1/4"	L mm	Part N°	€
	115	509-014	12,23

509

Spare Bar for Sliding "T" Handle

CrV



L mm	Part N°	€
115	509-015	8,31

509

Flexible Spinner Handle

1/4"

CrV



□	L mm	Part N°	€
1/4"	150	509-016	16,36

509

Double Spinner Handle for Sockets

1/4"

CrV



□	L mm	Part N°	€
1/4"	150	509-017	12,96

509

"T" Handle

1/4"

CrV



□	L mm	Part N°	€
1/4"	135	509-018	20,72

509

Hexagonal Shank Socket Adaptor

1/4"

1/4"

CrV



509-019  
509-021

509-030

□	□	L mm	Part N°	€
1/4"	1/4"	65	509-019	8,70
1/2"	1/4"	65	509-021	11,15
1/4"	1/4"	32	509-030	8,70

509

Rolling Joint

1/4"

CrV



□	Part N°	€
1/4"	509-020	11,73

509

SDS Plus Adaptor

1/4"



CrV



□	L mm	Part N°	€
1/4"	65	509-035	10,02

509

Sliding "T" Handle with Side Stopper

1/4"

CrV



□	L mm	Part N°	€
1/4"	110	509-025	13,23



# Sockets



1/4"

Ratchet Handles

510

Flexible Head Ratchet Handle

1/4"

72° 5°

CrV



TH	L mm	Part N°	€
72 TH	140	510-005	43,44

510

SUPERPROOF Ratchet Handle

1/4"

72° 5°

CrV



TH	L mm	Part N°	€
72 TH	145	510-006	46,79

510

Ratchet Handle

1/4"

72° 5°

CrV



TH	L mm	Part N°	€
72 TH	145	510-001	30,03

510

Ratchet Handle Repairing Kit



Part N°	€
510-001R	16,30

**510**

Stubby Ratchet Handle

1/4"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	108	510-002	24,65

**510**

Extensible Ratchet Handle

1/4"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	160~205	510-003	39,49

**510**

One Hand Switch Ratchet Handle

1/4"

60<sup>6°</sup>

CrV



TH	L mm	Part N°	€
60 TH	150	510-004	45,05

# Sockets



1/4"

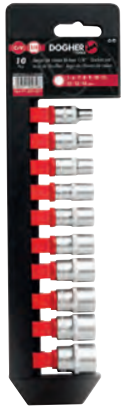
## Socket Sets

500

Hexagonal

10 Pcs

1/4"

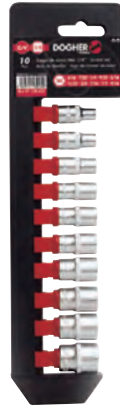


5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Part N°	€
500-051	51,89

10 Pcs

1/4"



SAE

3/16 • 7/32 • 1/4 • 9/32 • 5/16 • 11/32 3/8 • 7/16 • 1/2 • 9/16

Part N°	€
500-052	51,97

500

Hexagonal, Ratchet Handle and Extension

15 Pcs

1/4"



4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

72 teeth

100 mm

Part N°	€
500-071	108,06

501

Bihexagonal

10 Pcs

1/4"



5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Part N°	€
501-051	51,89

511

Spline

10 Pcs

1/4"



SPLINE

5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Part N°	€
511-051	55,26

502

Hexagonal Long Series

10 Pcs

1/4"



4 • 5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13

Part N°	€
502-051	92,03

**500** Hexagonal and Ratchet Handle

**11**  
Pcs



5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14



Part N°	€
500-061	81,92

**501** Bihexagonal and Ratchet Handle

**11**  
Pcs



5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14



Part N°	€
501-061	81,92

**511** Spline and Ratchet Handle

**11**  
Pcs



5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14



Part N°	€
511-061	85,29

**503** Torx

**14**  
Pcs



E4 • E5 • E6 • E7 • E8 • E10

T8 • T9 • T10 • T15 • T20 • T25 • T27 • T30

Part N°	€
503-052	97,83

**507** Torx and Hexagonal

**11**  
Pcs



HX3 • HX4 • HX5 • HX6 • HX8

T8 • T9 • T10 • T15 • T20 • T25

Part N°	€
507-051	83,50



# Sockets



1/4"

## Socket Sets

507

### Slot, Hexagonal and Phillips

12  
Pcs

1/4"



4 • 5,5 • 6,5 • 8

PH1 • PH2 • PH3

HX3 • HX4 • HX5 • HX6 • HX8

Part N°	€
507-052	84,99

507

### Hexagonal Long Series

6  
Pcs

1/4"



SAE HX1/8" • HX9/64" • HX5/32" • HX3/16" • HX7/32" • HX1/4"

Part N°	€
507-053	64,89

500

### Hexagonal Socket Case

17  
Pcs

1/4"



260 x 167 x 62 mm

#### Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

#### Ratchet Handle

72 teeth

#### Extension

50 mm

#### 3 - Way Spinner Handle



#### Universal Joint



Part N°	€
500-001	96,67

500

Hexagonal Socket Case

34  
Pcs

1/4"



260 x 167 x 62 mm

Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Screwdriver Bits

HX3 • HX4  
HX5 • HX6

T10 • T15  
T20 • T25

PH1 • PH2 PH3

4 • 5,5 • 6,5

Ratchet Handle



72 teeth

Universal Joint



3 - Way Spinner Handle



Flexible Extension



Palm Driver



Flexible Extension



Square Drive Bit Holder



Part N°

€

500-002

138,34

500

Hexagonal Socket Case

47  
Pcs

1/4"



260 x 167 x 62 mm

Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep

8 • 10 • 11 • 13

Socket Bits

HX3 • HX4 • HX5 • HX6 • HX7 • HX8

T10 • T15 • T20 • T25 • T30 • T40

PZ1 • PZ2  
PZ3

PH1 • PH2 PH3

4 • 5,5 • 6,5

Ratchet Handle



72 teeth

Hex Key Wrenches



Spinner Handle



Extensions



Universal Joint



Sliding "T" Handle



Part N°

€

500-003

239,83

# Sockets



1/4"

Socket Sets

501

Bihexagonal Socket Case

17  
Pcs

1/4"



260 x 167 x 62 mm

Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Ratchet Handle

72 teeth

Universal Joint

3 - Way Spinner Handle

Extension



50 mm

Part N°	€
501-001	96,67

501

Bihexagonal Socket Case

34  
Pcs

1/4"



260 x 167 x 62 mm

Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Screwdriver Bits

HX3 • HX4  
HX5 • HX6

T10 • T15  
T20 • T25

PH1 • PH2 PH3 4 • 5,5 • 6,5

Ratchet Handle

72 teeth

Universal Joint

3 - Way Spinner Handle

Flexible Extension



145 mm

Palm Driver

Extension



50 mm

Square Drive Bit Holder

1/4" ▶ ◀ 1/4"

Part N°	€
501-002	138,34

500

Hexagonal Socket Case (SAE)

16  
Pcs

SAE

1/4"



260 x 167 x 62 mm

Sockets

5/32" • 3/16" • 7/32" • 1/4" • 9/32" • 5/16" • 11/32" • 3/8" • 7/16"  
15/32" • 1/2" • 9/16"

Ratchet Handle



Universal Joint



3 - Way Spinner Handle



Extension



Part N°	€
500-004	93,51

500

Hexagonal Socket Case (SAE)

33  
Pcs

SAE

1/4"



260 x 167 x 62 mm

Sockets

5/32" • 3/16" • 7/32" • 1/4" • 9/32" • 5/16" • 11/32" • 3/8" • 7/16"  
15/32" • 1/2" • 9/16"

Screwdriver Bits



Ratchet Handle



Universal Joint



3 - Way Spinner Handle



Flexible Extension



Palm Driver



Extension



Square Drive Bit Holder



Part N°	€
500-005	135,17



# Sockets



1/4"

## Socket Sets

500

### Hexagonal Socket EVA Foam Tray

46 Pcs

1/4"



1/4 (375 x 140 x 30 mm)

Part N°	€
500-081	407,73

#### Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

#### Deep

6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

#### Socket Bits

HX3 • HX4 • HX5  
HX6 • HX7 • HX8

T10 • T15 • T20  
T25 • T30 • T40

PH1 • PH2 • PH3

PZ1 • PZ2

#### Ratchet Handle

72 teeth

#### Spinner Handle

DOGHER

#### Extensions

100 mm  
50 mm

#### Flexible

145 mm

#### Universal Joint



#### Sliding "T" Handle



500

### Hexagonal Socket EVA Foam Tray

36 Pcs

1/4"



1/3 (375 x 188 x 30 mm)

Part N°	€
500-083	340,43

#### Sockets

5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13

#### Deep

6 • 8 • 10 • 12 • 13

#### Socket Bits

HX3 • HX4 • HX5  
HX6 • HX7

4 • 5,5 • 6,5

PH1 • PH2 • PH3

PZ1 • PZ2 • PZ3

#### Ratchet Handle

72 teeth

#### Extensions

100 mm  
50 mm

#### Spinner Handle

DOGHER



Palm Driver

#### Universal Joint



#### Sliding "T" Handle



#### Folding Key Set

1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8

For Further Information About Storage and Eva Foam Trays:

20 • 35

**501**

Bihexagonal Socket EVA Foam Tray

**46**  
Pcs

1/4"



1/4 (375 x 140 x 30 mm)

Part N°	€
501-081	407,73

Sockets



4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Socket Bits



HX3 • HX4 • HX5  
HX6 • HX7 • HX8



T10 • T15 • T20  
T25 • T30 • T40



PH1 • PH2 • PH3



PZ1 • PZ2

Ratchet Handle



72 teeth

Spinner Handle



Extensions



100 mm  
50 mm

Flexible



145 mm

Universal Joint



Sliding "T" Handle



For Further Information About Storage and Eva Foam Trays:

20 • 35

# Sockets

3/8"

Sockets



516

Hexagonal



mm	L mm	Part N°	€
6	28	516-06	5,55
7	28	516-07	5,55
8	28	516-08	5,61
9	28	516-09	5,61
10	28	516-10	5,64
11	28	516-11	5,71
12	28	516-12	5,75
13	28	516-13	5,75
14	28	516-14	6,25
15	28	516-15	6,90
16	30	516-16	6,90
17	30	516-17	6,90
18	30	516-18	7,88
19	30	516-19	8,12
20	30	516-20	9,15
21	30	516-21	9,21
22	30	516-22	9,51
23	30	516-23	9,99
24	30	516-24	10,56

515

Bihexagonal



mm	L mm	Part N°	€
6	28	515-06	5,55
7	28	515-07	5,55
8	28	515-08	5,61
9	28	515-09	5,61
10	28	515-10	5,64
11	28	515-11	5,71
12	28	515-12	5,75
13	28	515-13	5,75
14	28	515-14	6,25
15	28	515-15	6,90
16	30	515-16	6,90
17	30	515-17	6,90
18	30	515-18	7,88
19	30	515-19	8,12
20	30	515-20	8,54
21	30	515-21	8,60
22	30	515-22	8,61
23	30	515-23	9,01
24	30	515-24	9,17

## SAE

mm	L mm	Part N°	€
1/4"	28	516-1/4	5,50
5/16"	28	516-5/16	5,67
3/8"	28	516-3/8	6,08
7/16"	28	516-7/16	6,11
1/2"	28	516-1/2	6,28
9/16"	28	516-9/16	6,85
5/8"	30	516-5/8	7,07
11/16"	30	516-11/16	7,70
3/4"	30	516-3/4	8,17
13/16"	30	516-13/16	8,38
7/8"	30	516-7/8	9,01

517

Magnetic



mm	L mm	Part N°	€
11	63	517-001	13,73

**517**

Hexagonal Long Series



mm	L mm	Part N°	€
7	63	517-07	9,82
8	63	517-08	9,82
9	63	517-09	9,82
10	63	517-10	9,82
11	63	517-11	9,82
12	63	517-12	9,82
13	63	517-13	9,82
14	63	517-14	11,21
15	63	517-15	11,21
16	63	517-16	11,21
17	63	517-17	12,37
18	63	517-18	12,37
19	63	517-19	12,37

**518**

Torx



	L mm	Part N°	€
<b>E8</b>	28	518-T08	7,31
<b>E10</b>	28	518-T10	7,65
<b>E11</b>	28	518-T11	7,99
<b>E12</b>	28	518-T12	8,12
<b>E14</b>	28	518-T14	8,46
<b>E16</b>	28	518-T16	9,10
<b>E18</b>	28	518-T18	9,76

**526**

Spark Plug Socket



mm	L mm	Part N°	€
<b>16</b>	65	526-16	12,56
<b>18</b>	65	526-18	12,56
<b>21</b>	65	526-21	17,02



# Sockets

3/8"

Socket Bits



519

Slot



A mm	B mm	L mm	Part N°	€
5,5	1	48	519-055	8,26
6,5	1,2	48	519-065	8,26
8	1,2	48	519-080	8,26
10	1,6	48	519-100	8,97

520

Phillips



	L mm	Part N°	€
PH1	48	520-PH1	8,26
PH2	48	520-PH2	8,26
PH3	48	520-PH3	8,26

521

Pozidriv



	L mm	Part N°	€
PZ1	48	521-PZ1	8,43
PZ2	48	521-PZ2	8,43
PZ3	48	521-PZ3	8,43

523

Torx



	L mm	Part N°	€
T10	48	523-T10	11,34
T15	48	523-T15	11,34
T20	48	523-T20	11,81
T25	48	523-T25	11,81
T27	48	523-T27	11,81
T30	48	523-T30	11,81
T40	48	523-T40	11,81
T45	48	523-T45	12,28
T50	48	523-T50	12,28

522

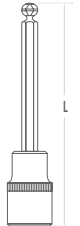
Hexagonal



⊙	L mm	Part N°	€
<b>HX3</b>	48	<b>522-03</b>	<b>9,91</b>
<b>HX4</b>	48	<b>522-04</b>	<b>9,91</b>
<b>HX5</b>	48	<b>522-05</b>	<b>9,91</b>
<b>HX6</b>	48	<b>522-06</b>	<b>9,91</b>
<b>HX7</b>	48	<b>522-07</b>	<b>9,91</b>
<b>HX8</b>	48	<b>522-08</b>	<b>9,91</b>
<b>HX10</b>	48	<b>522-10</b>	<b>10,29</b>

522

Long Ball Nose Hex



⊙	L mm	Part N°	€
<b>HX4</b>	92	<b>522-04X92</b>	<b>12,98</b>
<b>HX5</b>	92	<b>522-05X92</b>	<b>12,98</b>
<b>HX6</b>	92	<b>522-06X92</b>	<b>12,98</b>
<b>HX8</b>	92	<b>522-08X92</b>	<b>13,78</b>
<b>HX10</b>	92	<b>522-10X92</b>	<b>13,78</b>

Accessories for Sockets

524

Extension



L mm	Part N°	€
<b>75</b>	<b>524-002</b>	<b>13,57</b>
<b>125</b>	<b>524-003</b>	<b>15,28</b>
<b>150</b>	<b>524-004</b>	<b>16,62</b>
<b>250</b>	<b>524-005</b>	<b>19,98</b>

524

Wobble Extension



L mm	Part N°	€
<b>75</b>	<b>524-006</b>	<b>17,85</b>

# Sockets

3/8"

Accessories for Sockets



524

Locking Extension Bar

3/8"

CrV



L mm	Part N°	€
150	524-007	32,44

524

Universal Joint

3/8"

CrV



Part N°	€
524-009	29,80

524

Increasing Adaptor

3/8"

1/2"

CrV



524-011

524-021

□	□	Part N°	€
3/8"	1/2"	524-011	13,25
3/8"	1/2"	524-021	13,25

524

Reducing Adaptor

3/8"

1/4"

CrV



□	□	Part N°	€
3/8"	1/4"	524-012	12,48

524

Multi-Function Palm Driver

3/8"

3/8"

CrV



□	Part N°	€
3/8"	524-013	13,57

524

Sliding "T" Handle

3/8"

CrV



□	L mm	Part N°	€
3/8"	150	524-016	16,76*
3/8"	200	524-014	18,85*

\* Until end of stock

**524**

Spare Bar for Sliding "T" Handle

CrV



L mm	Part N°	€
200	524-015	12,83

**524**

Square Drive Bit Holder

3/8"

5/16"

CrV



		Part N°	€
3/8"	5/16"	524-017	9,85

**524**

Hexagonal Shank Socket Adaptor

3/8"

1/4"

CrV



		L mm	Part N°	€
3/8"	1/4"	65	524-019	16,23

**524**

Rolling Joint

3/8"

CrV



	Part N°	€
3/8"	524-020	13,93

**524**

SDS Plus Adaptor

3/8"



CrV



	L mm	Part N°	€
3/8"	65	524-035	12,04

**524**

Sliding "T" Handle with Side Stopper

3/8"

CrV



	L mm	Part N°	€
3/8"	200	524-025	20,79



# Sockets



3/8"

Ratchet Handles

525

Flexible Head Ratchet Handle

3/8"

72 5°

CrV



TH	L mm	Part N°	€
72 TH	300	525-005	63,53



525

Ratchet Handle

3/8"

72 5°

CrV



525

Ratchet Handle Repairing Kit



TH	L mm	Part N°	€
72 TH	200	525-001	48,24

Part N°	€
525-001R	21,05

525

Stubby Ratchet Handle

3/8"

72 5°

CrV



TH	L mm	Part N°	€
72 TH	141	525-002	32,14

525

Extensible Ratchet Handle

3/8"

72 5°

CrV



TH	L mm	Part N°	€
72 TH	220-323	525-003	57,76

525

One Hand Switch Ratchet Handle

3/8"

60 6°

CrV



TH	L mm	Part N°	€
60 TH	200	525-004	67,52

**516**

Hexagonal

**9**  
Pcs

3/8"



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18

Part N°	€
516-051	61,43

**516**

Hexagonal and Ratchet Handle

**12**  
Pcs

3/8"



8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18



Part N°	€
516-061	120,89

**516**

Hexagonal, Ratchet Handle and Extension

**20**  
Pcs

3/8"



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17  
18 • 19 • 20 • 21 • 22 • 24



Part N°	€
516-071	192,11

**515**

Bihexagonal

**9**  
Pcs

3/8"



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18

Part N°	€
515-051	61,43

# Sockets



3/8"

Socket Sets

515

Bihexagonal and Ratchet Handle

10  
Pcs

3/8"



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18



Part N°	€
515-061	109,67

515

Bihexagonal, Ratchet Handle and Extension

20  
Pcs

3/8"



6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17  
18 • 19 • 20 • 21 • 22 • 24



Part N°	€
515-071	188,60

517

Hexagonal Long Series

7  
Pcs

3/8"



10 • 12 • 13 • 14 • 15 • 17 • 19

Part N°	€
517-051	80,37

523

Torx

9  
Pcs

3/8"



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

Part N°	€
523-051	110,04

**516**

Hexagonal Socket Case

**16**  
Pcs

3/8"



260 x 167 x 62 mm

Sockets



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

Ratchet Handle



72 teeth

Universal Joint



Palm Driver



Extension



75 mm

Part N°

€

**516-001**

**123,76**

**516**

Hexagonal Socket Case

**17**  
Pcs

3/8"



260 x 167 x 62 mm

Sockets



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

Ratchet Handle



72 teeth

Universal Joint



Extension



75 mm

Sliding "T" Handle



Palm Driver

Part N°

€

**516-002**

**136,56**



# Sockets



3/8"

Socket Sets

516

Hexagonal Socket Case

34  
Pcs

3/8"



260 x 167 x 62 mm

Sockets

6 • 8 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19

1/4" • Socket Bits

HX3 • HX4 • HX5 • HX6

T10 • T15 • T20 • T25 • T27 • T30 • T40

PH0 • PH1 • PH2 • PH3

Ratchet Handle



72 teeth

Universal Joint



Spinner Handle



Extensions



150 mm  
75 mm

Adapter



Sliding "T" Handle



Part N°

€

516-003

230,08

516

Hexagonal Socket EVA Foam Tray

22  
Pcs

3/8"



1/4 (375 x 140 x 30 mm)

Sockets

6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22

Ratchet Handle



72 teeth

Extensions



100 mm  
50 mm

Universal Joint



Sliding "T" Handle



Part N°

€

516-080

250,23

For Further Information About Storage and Eva Foam Trays:

20 • 35

**531**

Hexagonal



**SAE**

mm	L mm	Part N°	€	mm	L mm	Part N°	€
8	38	531-08	6,41	5/16"	38	531-5/16	6,45
9	38	531-09	6,41	11/32"	38	531-11/32	6,51
10	38	531-10	6,41	3/8"	38	531-3/8	6,51
11	38	531-11	6,56	7/16"	38	531-7/16	6,69
12	38	531-12	7,17	15/32"	38	531-15/32	6,98
13	38	531-13	7,38	1/2"	38	531-1/2	7,17
14	38	531-14	7,74	9/16"	38	531-9/16	7,86
15	38	531-15	7,99	19/32"	38	531-19/32	8,19
16	38	531-16	8,22	5/8"	38	531-5/8	8,34
17	38	531-17	8,46	11/16"	38	531-11/16	8,65
18	38	531-18	8,54	23/32"	38	531-23/32	8,83
19	38	531-19	8,78	3/4"	38	531-3/4	9,03
20	38	531-20	9,17	13/16"	40	531-13/16	9,34
21	38	531-21	9,26	7/8"	40	531-7/8	9,74
22	38	531-22	9,57	15/16"	40	531-15/16	10,81
23	38	531-23	10,23	1"	40	531-1	11,22
24	40	531-24	10,96	1.1/16"	42	531-1.1/16	11,60
25	40	531-25	11,25	1.3/16"	42	531-1.3/16	12,99
26	40	531-26	11,51	1.1/4"	45	531-1.1/4	13,45
27	42	531-27	11,76				
28	42	531-28	12,72				
29	42	531-29	12,97				
30	42	531-30	13,13				
32	45	531-32	13,70				
34	46	531-34	19,01				
35	46	531-35	21,46				
36	46	531-36	26,31				

**546**

Spline



Valid for 50% wear out nuts.

mm	L mm	mm	mm	mm	mm	Part N°	€
8	38	8	5/16"	M10	E10	546-08	6,86
9	38	9	11/32"			546-09	6,86
10	38	10	3/8"			546-10	6,86
11	38	11	7/16"	M14	E14	546-11	7,02
12	38	12	15/32"	M15	E16	546-12	7,67
13	38	13	1/2"	M16		546-13	7,90
14	38	14	9/16"	M18	E18	546-14	8,28
15	38	15	19/32"			546-15	8,55
16	38	16	5/8"	M20	E20	546-16	8,80
17	38	17	11/16"			546-17	9,05
18	38	18	12/32"	M22	E22	546-18	9,14
19	38	19	3/4"	M24	E24	546-19	9,39
20	38	20	25/32"	M25		546-20	9,81
21	38	21	13/16"	M26		546-21	9,91
22	38	22	7/8"	M28		546-22	10,24
23	38	23				546-23	10,95
24	40	24	15/16"	M30		546-24	11,73
27	42	27	1.1/16"	M34		546-27	12,58
30	42	30	1.3/16"	M38		546-30	14,05
32	45	32	1.1/4"			546-32	14,66

# Sockets

1/2"

Sockets



530

Bihexagonal

532/529

Long Series



532-17

529-17

mm	L mm	Part N°	€
8	38	530-08	6,41
9	38	530-09	6,41
10	38	530-10	6,41
11	38	530-11	6,56
12	38	530-12	7,17
13	38	530-13	7,38
14	38	530-14	7,74
15	38	530-15	7,99
16	38	530-16	8,22
17	38	530-17	8,46
18	38	530-18	8,54
19	38	530-19	8,78
20	38	530-20	9,17
21	38	530-21	9,26
22	40	530-22	9,57
23	40	530-23	10,23
24	40	530-24	10,96
25	40	530-25	11,25
26	42	530-26	11,51
27	42	530-27	11,76
28	42	530-28	12,72
29	42	530-29	12,97
30	45	530-30	13,13
32	45	530-32	13,70

mm	L mm	Part N°	€	Part N°	€
10	77	532-10	18,37	529-10	18,37
11	77	532-11	18,37	529-11	18,37
12	77	532-12	18,37	529-12	18,37
13	77	532-13	18,73	529-13	18,73
14	77	532-14	18,73	529-14	18,73
15	77	532-15	18,73	529-15	18,73
16	77	532-16	18,73	529-16	18,73
17	77	532-17	18,73	529-17	18,73
18	77	532-18	18,73	529-18	18,73
19	77	532-19	18,73	529-19	18,73
20	77	532-20	19,11	529-20	19,11
21	77	532-21	19,29	529-21	19,29
22	77	532-22	24,71	529-22	24,71
23	77	532-23	24,71	529-23	24,71
24	77	532-24	24,78	529-24	24,78
25	77	532-25	25,06	529-25	25,06
26	77	532-26	25,06		
27	77	532-27	25,51	529-27	25,51
28	77	532-28	26,12	529-28	26,12
29	77	532-29	27,27	529-29	27,27
30	77	532-30	28,44	529-30	28,44
32	77	532-32	33,27	529-32	33,16

**533**

Torx



	L mm	Part N°	€
<b>E10</b>	38	<b>533-T10</b>	<b>9,21</b>
<b>E11</b>	38	<b>533-T11</b>	<b>9,21</b>
<b>E12</b>	38	<b>533-T12</b>	<b>9,21</b>
<b>E14</b>	38	<b>533-T14</b>	<b>9,21</b>
<b>E16</b>	38	<b>533-T16</b>	<b>9,21</b>
<b>E18</b>	38	<b>533-T18</b>	<b>9,90</b>
<b>E20</b>	38	<b>533-T20</b>	<b>10,44</b>
<b>E22</b>	38	<b>533-T22</b>	<b>11,21</b>
<b>E24</b>	38	<b>533-T24</b>	<b>11,93</b>

**545**

Spark Plug Socket



	mm	L mm	Part N°	€
<b>16</b>	65	<b>545-16</b>	<b>10,23</b>	
<b>21</b>	65	<b>545-21</b>	<b>12,23</b>	

**545**

Socket 33T Pump Injection for Mercedes



	L mm	Part N°	€
<b>XZN 33 Points</b>	55	<b>545-033</b>	<b>37,70</b>

OM 601-2,0L/2,2L/2,3L      OM 606-3,0L  
 OM 602-2,5L/2,9L      OM 615-2,0L/2,2L  
 OM 603-3,0L/3,5L      OM 616-2,4L  
 OM 605-2,5L      OM 617-3,0L

**545**

Lambda Probe Socket



	mm	L mm	Part N°	€
<b>22</b>	85	<b>545-022</b>	<b>44,43</b>	



# Sockets

1/2"

Socket Bits

528

Slot



A mm	B mm	L mm	Part N°	€
8	1,2	55	528-080	12,88
10	1,6	55	528-100	12,88

539

Phillips



	L mm	Part N°	€
PH1	55	539-PH1	12,51
PH2	55	539-PH2	12,51
PH3	55	539-PH3	14,57

540

Pozidriv



	L mm	Part N°	€
PZ1	55	540-PZ1	13,59
PZ2	55	540-PZ2	13,59
PZ3	55	540-PZ3	14,72

537

Torx Tamper



	L mm	Part N°	€
TS20	55	537-TS20	14,92
TS25	55	537-TS25	14,92
TS27	55	537-TS27	14,92
TS30	55	537-TS30	14,92
TS40	55	537-TS40	15,22
TS45	55	537-TS45	15,22
TS50	55	537-TS50	15,22
TS55	55	537-TS55	19,29
TS60	55	537-TS60	19,87

**534**

Hexagonal



⊙	L mm	Part N°	€
<b>HX4</b>	55	<b>534-04</b>	<b>11,21</b>
<b>HX5</b>	55	<b>534-05</b>	<b>11,21</b>
<b>HX6</b>	55	<b>534-06</b>	<b>11,21</b>
<b>HX7</b>	55	<b>534-07</b>	<b>11,40</b>
<b>HX8</b>	55	<b>534-08</b>	<b>11,40</b>
<b>HX10</b>	55	<b>534-10</b>	<b>11,40</b>
<b>HX12</b>	55	<b>534-12</b>	<b>13,12</b>
<b>HX14</b>	55	<b>534-14</b>	<b>13,12</b>
<b>HX17</b>	55	<b>534-17</b>	<b>16,92</b>
<b>HX19</b>	55	<b>534-19</b>	<b>17,23</b>

**534**

Hexagonal



**SAE**

⊙	L mm	Part N°	€
<b>HX3/16"</b>	55	<b>534-3/16</b>	<b>13,45</b>
<b>HX1/4"</b>	55	<b>534-1/4</b>	<b>13,45</b>
<b>HX5/16"</b>	55	<b>534-5/16</b>	<b>13,66</b>
<b>HX3/8"</b>	55	<b>534-3/8</b>	<b>13,66</b>
<b>HX7/16"</b>	55	<b>534-7/16</b>	<b>13,66</b>
<b>HX1/2"</b>	55	<b>534-1/2</b>	<b>15,74</b>
<b>HX17/32"</b>	55	<b>534-17/32</b>	<b>15,74</b>
<b>HX9/16"</b>	55	<b>534-9/16</b>	<b>16,19</b>
<b>HX19/32"</b>	55	<b>534-19/32</b>	<b>16,19</b>
<b>HX5/8"</b>	55	<b>534-5/8</b>	<b>16,19</b>

**538**

Hexagonal  
Long Series



⊙	L mm	Part N°	€
<b>HX5</b>	100	<b>538-05X100</b>	<b>16,57</b>
<b>HX5</b>	140	<b>538-05X140</b>	<b>21,50</b>
<b>HX6</b>	100	<b>538-06X100</b>	<b>16,57</b>
<b>HX6</b>	200	<b>538-06X200</b>	<b>21,50</b>
<b>HX7</b>	100	<b>538-07X100</b>	<b>17,05</b>
<b>HX8</b>	100	<b>538-08X100</b>	<b>17,05</b>
<b>HX10</b>	140	<b>538-10X140</b>	<b>19,02</b>
<b>HX12</b>	100	<b>538-12X100</b>	<b>20,15</b>

**5341**

Hexagonal  
Long Series

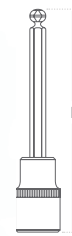


**SAE**

⊙	L mm	Part N°	€
<b>HX3/16"</b>	100	<b>5341-3/16</b>	<b>17,49</b>
<b>HX1/4"</b>	100	<b>5341-1/4</b>	<b>17,49</b>
<b>HX5/16"</b>	100	<b>5341-5/16</b>	<b>17,76</b>
<b>HX3/8"</b>	100	<b>5341-3/8</b>	<b>17,76</b>
<b>HX7/16"</b>	100	<b>5341-7/16</b>	<b>17,76</b>
<b>HX1/2"</b>	100	<b>5341-1/2</b>	<b>20,46</b>
<b>HX17/32"</b>	100	<b>5341-17/32</b>	<b>20,46</b>
<b>HX9/16"</b>	100	<b>5341-9/16</b>	<b>21,05</b>
<b>HX19/32"</b>	100	<b>5341-19/32</b>	<b>21,05</b>
<b>HX5/8"</b>	100	<b>5341-5/8</b>	<b>21,05</b>

**5381**

Long Ball  
Nose Hex



⊙	L mm	Part N°	€
<b>HX6</b>	140	<b>5381-06</b>	<b>19,54</b>
<b>HX7</b>	140	<b>5381-07</b>	<b>22,43</b>
<b>HX8</b>	140	<b>5381-08</b>	<b>22,43</b>
<b>HX10</b>	140	<b>5381-10</b>	<b>22,43</b>
<b>HX12</b>	140	<b>5381-12</b>	<b>24,32</b>

# Sockets



1/2"

Socket Bits

535

XZN

1/2"



S2



	L mm	Part N°	€
<b>XZN5</b>	55	<b>535-05</b>	<b>15,85</b>
<b>XZN6</b>	55	<b>535-06</b>	<b>16,49</b>
<b>XZN8</b>	55	<b>535-08</b>	<b>16,49</b>
<b>XZN10</b>	55	<b>535-10</b>	<b>16,78</b>
<b>XZN12</b>	55	<b>535-12</b>	<b>18,10</b>
<b>XZN14</b>	55	<b>535-14</b>	<b>18,10</b>
<b>XZN16</b>	55	<b>535-16</b>	<b>21,59</b>

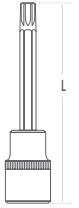
541

XZN Long Series

1/2"



S2



	L mm	Part N°	€
<b>XZN8</b>	100	<b>541-08X100</b>	<b>18,93</b>
<b>XZN10</b>	100	<b>541-10X100</b>	<b>20,45</b>
<b>XZN12</b>	100	<b>541-12X100</b>	<b>23,17</b>

536

Torx

1/2"



S2



	L mm	Part N°	€
<b>T20</b>	55	<b>536-T20</b>	<b>14,21</b>
<b>T25</b>	55	<b>536-T25</b>	<b>14,21</b>
<b>T27</b>	55	<b>536-T27</b>	<b>14,21</b>
<b>T30</b>	55	<b>536-T30</b>	<b>14,21</b>
<b>T40</b>	55	<b>536-T40</b>	<b>14,49</b>
<b>T45</b>	55	<b>536-T45</b>	<b>14,49</b>
<b>T50</b>	55	<b>536-T50</b>	<b>14,49</b>
<b>T55</b>	55	<b>536-T55</b>	<b>18,37</b>
<b>T60</b>	55	<b>536-T60</b>	<b>18,92</b>

542

Torx Long Series

1/2"



S2



	L mm	Part N°	€
<b>T40</b>	120	<b>542-T40X120</b>	<b>17,87</b>
<b>T45</b>	120	<b>542-T45X120</b>	<b>17,87</b>
<b>T50</b>	120	<b>542-T50X120</b>	<b>17,87</b>
<b>T55</b>	120	<b>542-T55X120</b>	<b>29,38</b>
<b>T70</b>	140	<b>542-T70X140</b>	<b>31,05</b>

**543** Extension

1/2"

CrV



L mm	Part N°	€
75	543-002	12,48
125	543-003	13,91
250	543-005	18,85
500	543-030	33,12

**543** Wobble Extension

1/2"

CrV



L mm	Part N°	€
75	543-006	14,88
125	543-007	15,61
250	543-008	23,82

**543** Universal Joint

1/2"

CrV



Part N°	€
543-009	31,60

**543** Locking Extension Bar

1/2"

CrV



L mm	Part N°	€
125	543-010	22,66

**543** Increasing Adaptor

1/2"

3/4"

CrV



		Part N°	€
1/2"	3/4"	543-011	20,18

**543** Reducing Adaptor

1/2"

CrV



		Part N°	€
1/2"	3/8"	543-012	17,09
1/2"	1/4"	543-019	10,57

**543** Drive Connector Square

1/2"

CrV



	Part N°	€
1/2"	543-029	19,53

**543** SDS Plus Adaptor

1/2"



CrV



	L mm	Part N°	€
1/2"	72	543-035	14,30



# Sockets

1/2"

Accessories for Sockets

543

Multi-Function Palm Driver

1/2"

1/2"

CrV



	Part N°	€
1/2"	543-013	15,13

543

Sliding "T" Handle

1/2"

CrV



	L mm	Part N°	€
1/2"	250	543-014	24,32

543

Spare Bar for Sliding "T" Handle

CrV



L mm	Part N°	€
250	543-015	17,40

543

Swivel Handle

1/2"

CrV



L mm	Part N°	€
150	543-016	41,48
375	543-017	46,81

509

Hexagonal Shank Socket Adaptor

1/2"

1/4"

CrV



		L mm	Part N°	€
1/2"	1/4"	65	509-021	11,15

**543**

Square Drive Bit Holders

1/2"



CrV



		Part N°	€
1/2"	5/16"	543-018	10,71
1/2"	10 mm	543-027	10,71
1/2"	1/4"	543-028	10,71

**543**

Rolling Joint

1/2"

CrV



	Part N°	€
1/2"	543-020	19,27

**543**

Sliding "T" Handle with Side Stopper

1/2"

CrV



	L mm	Part N°	€
1/2"	250	543-025	24,32

**543**

Flexible Extension

1/2"

CrV



L mm	Part N°	€
200	543-026	17,40

# Sockets



1/2"

## Ratchet Handles

544

### Flexible Head Ratchet Handle

1/2"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	310	544-005	74,08

544

### SUPERPROOF Ratchet Handle

1/2"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	250	544-006	63,87

544

### Ratchet Handle

1/2"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	250	544-001	52,09

544

### Ratchet Handle Repairing Kit



Part N°	€
544-001R	24,83

**544**

Stubby Ratchet Handle

1/2"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	170	544-002	34,69

**544**

Extensible Ratchet Handle

1/2"

72<sup>5°</sup>

CrV



TH	L mm	Part N°	€
72 TH	275-445	544-003	67,35

**544**

One Hand Switch Ratchet Handle

1/2"

60<sup>6°</sup>

CrV



TH	L mm	Part N°	€
60 TH	245	544-004	71,27



# Sockets

1/2"

Socket Sets



531

Hexagonal

10 Pcs



10 Pcs



SAE

530

Bihexagonal

10 Pcs



9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 18 • 19

11/32 • 3/8 • 7/16 • 15/32 • 1/2 • 9/16 • 19/32 • 5/8 • 11/16 • 3/4

9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 18 • 19

Part N°	€
531-051	79,19

Part N°	€
531-052	79,68

Part N°	€
530-051	79,19

546

Spline

10 Pcs



9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 18 • 19

Part N°	€
546-051	84,47

531

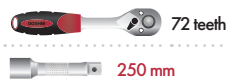
530

Sockets, Ratchet Handle and Extension

17 Pcs



8 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 20 • 22 • 24 • 27 • 30 • 32

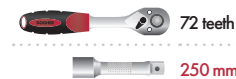


Part N°	€
531-071	209,88

17 Pcs



8 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 20 • 22 • 24 • 27 • 30 • 32



Part N°	€
530-071	209,88

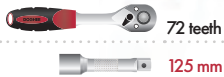
531

530

546

Sockets, Ratchet  
Handle and Extension

13  
Pcs



72 teeth

125 mm

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 21

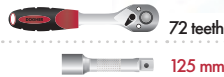
Part N°

€

531-061

150,81

13  
Pcs



72 teeth

125 mm

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 21

Part N°

€

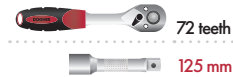
530-061

150,81

13  
Pcs



SPLINE



72 teeth

125 mm

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 21

Part N°

€

546-061

156,59

531

530

Sockets and Ratchet Handle

17  
Pcs



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19  
21 • 22 • 24 • 27 • 30 • 32



72 teeth

Part N°

€

531-072

201,47

17  
Pcs



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19  
21 • 22 • 24 • 27 • 30 • 32



72 teeth

Part N°

€

530-072

201,47

# Sockets



1/2"

Socket Sets

**530**

Sockets and Ratchet Handle

**11**  
Pcs

1/2"



**11**  
Pcs

1/2"



**6**  
Pcs

1/2"



9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 18 • 19

9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 18 • 19

13 • 14 • 15 • 16 • 17 • 18



Part N°	€
530-062	131,28

Part N°	€
546-062	136,56

Part N°	€
532-051	116,13

**534**

Hexagonal

**9**  
Pcs

1/2"



**539**

Phillips and XZN

**7**  
Pcs

1/2"



HX4 • HX5 • HX6 • HX7 • HX8 • HX10 • HX12 • HX14 • HX17

PH2 • PH3

5 • 6 • 8 • 10 • 12

Part N°	€
534-051	114,74

Part N°	€
539-051	114,54

**536**

Torx

**9**  
Pcs

1/2"



T20 • T25 • T27 • T30 • T40 • T45 • T50 • T55 • T60

Part N°	€
536-051	141,35

**537**

Torx Tamper

**9**  
Pcs

1/2"



TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50  
TS55 • TS60

Part N°	€
537-051	148,25

**534**

Hexagonal

**10**  
Pcs

1/2"



**SAE**



HX3/16" • HX1/4" • HX5/16" • HX3/8" • HX7/16" • HX1/2"  
HX17/32" • HX9/16" • HX19/32" • HX5/8"

Part N°	€
534-052	151,68

**5341**

Hexagonal Long Series

**10**  
Pcs

1/2"



**SAE**



HX3/16" • HX1/4" • HX5/16" • HX3/8" • HX7/16" • HX1/2"  
HX17/32" • HX9/16" • HX19/32" • HX5/8"

Part N°	€
5341-053	196,08



# Sockets



1/2"

Socket Sets

531

Hexagonal Socket Case

14  
Pcs

1/2"



260 x 167 x 62 mm

Sockets

10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22

Ratchet Handle



Universal Joint



Part N°	€
531-001	123,54

531

Hexagonal Socket Case

19  
Pcs

1/2"



385 x 280 x 87 mm

Sockets

10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22

Ratchet Handle



Universal Joint



3-Way Adapter



Extensions



Part N°	€
531-002	172,91

531

Hexagonal Socket Case

41

Pcs

1/2"



385 x 280 x 87 mm

Sockets



8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27 • 30 • 32

5/16" • Screwdriver Bits



HX7 • HX8 • HX10 • HX12



T40 • T45 • T50 • T55 • T60



PZ3 • PZ4



PH3 • PH4



8 • 10 • 12

Ratchet Handle



72 teeth

Universal Joint



Square Drive Bit Holder

5/16" ▶



◀ 1/2"

Palm Driver



3-Way Adapter

3/8" ▶



◀ 1/2" (524-021)

Extensions



250 mm  
125 mm

Part N°

€

531-003

256,59

531

Hexagonal Socket Case (SAE)

41

Pcs

1/2"

SAE



385 x 280 x 87 mm

Sockets



5/16" • 11/32" • 3/8" • 7/16" • 15/32" • 1/2" • 9/16" • 19/32" • 5/8" • 11/16" • 23/32" • 3/4" • 13/16" • 7/8" • 15/16" • 1.1/16" • 1.3/16" • 1.1/4"

5/16" • Screwdriver Bits



HX7 • HX8 • HX10 • HX12



T40 • T45 • T50 • T55 • T60



PZ3 • PZ4



PH3 • PH4



8 • 10 • 12

Ratchet Handle



72 teeth

Universal Joint



Square Drive Bit Holder

5/16" ▶



◀ 1/2"

Palm Driver



3-Way Adapter

3/8" ▶



◀ 1/2" (524-021)

Extensions



250 mm  
125 mm

Part N°

€

531-004

255,06

# Sockets



1/2"

Socket Sets

530

Bihexagonal Socket Case

14  
Pcs

1/2"



260 x 197 x 62 mm

Sockets

10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22

Ratchet Handle



Universal Joint



Part N°	€
530-001	123,54

530

Bihexagonal Socket Case

41  
Pcs

1/2"



385 x 280 x 87 mm

Sockets

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27 • 30 • 32

5/16" • Screwdriver Bits

HX7 • HX8 • HX10 • HX12

T40 • T45 • T50 • T55 • T60

PZ3 • PZ4

PH3 • PH4

8 • 10 • 12

Ratchet Handle



Universal Joint



Square Drive Bit Holder

5/16" ▶ ◀ 1/2"

Palm Driver

3-Way Adapter

3/8" ▶ ◀ 1/2" (524-021)

Extensions

250 mm  
125 mm

Part N°	€
530-003	256,59

**531**

Hexagonal Socket EVA Foam Tray

**27**  
Pcs

1/2"



1/3 (375 x 188 X 30 mm)

Part N°	€
531-080	341,00

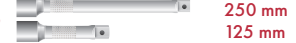
Sockets

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22 • 23 • 24 • 27 • 30 • 32

Ratchet Handle



Extensions



Universal Joint



3-Way Adapter



Spark Plug Sockets



**530**

Bihexagonal Socket EVA Foam Tray

**27**  
Pcs

1/2"



1/3 (375 x 188 X 30 mm)

Part N°	€
530-080	341,00

Sockets

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22 • 23 • 24 • 27 • 30 • 32

Ratchet Handle



Extensions



Universal Joint



3-Way Adapter



Spark Plug Sockets



**534**

Socket Bits EVA Foam Tray

**26**  
Pcs

1/2"



1/4 (375 x 140 x 30 mm)

- 4 • 5 • 6 • 7 • 8 • 10 • 12 • 14 • 17 • 19
- T20 • T25 • T27 • T30 • T40 • T45 • T50 • T55 • T60
- 5 • 6 • 8 • 10 • 12 • 14 • 16

Part N°	€
534-080	398,47

**538**

Socket Bits EVA Foam Tray

**12**  
Pcs

1/2"



1/4 (375 x 140 x 30 mm)

- 5 • 6 • 7 • 8 • 12 100mm • 5 • 10 140mm
- T40 • T55 120mm
- 8 • 10 • 12 100mm

Part N°	€
538-080	246,96



# Sockets

1/4" • 1/2"

Mixed Socket Sets



500

Hexagonal Socket Case

76  
Pcs



440 x 305 x 92 mm

Part N°	€
500-025	364,86



Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 13

Screwdriver Bits

HX2 • HX3 • HX4 • HX5 • HX6 • HX7

T10 • T15 • T20 • T25 • T27 • T30

3 • 4,5 • 5,5 • 6,5

PH0 • PH1 • PH2 • PH3

PZ2 • PZ3

Ratchet Handle



Universal Joint



3 - Way Spinner Handle



Square Drive Bit Holder



Palm Driver

Extensions



Sockets

10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 19 • 21 • 24 • 27 • 30 • 32

5/16" • Screwdriver Bits

HX8 • HX10 • HX12

T40 • T45 • T50 • T55 • T60

PZ3 • PZ4

PH3 • PH4

8 • 10 • 12

Ratchet Handle



Universal Joint



3-way Adaptor



Square Drive Bit Holder



Palm Driver

Extensions



500

Hexagonal Socket Case

108  
Pcs



385 x 274 x 88 mm

Part N°	€
500-026	651,22



Sockets

4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep

6 • 7 • 8 • 9 • 10 • 11 • 12 • 13

Sockets

E4 • E5 • E6 • E7 • E8

Socket Bits

HX3 • HX4 • HX5 • HX6

T8 • T10 • T15 • T20 • T25 • T27 • T30

4 • 5,5 • 6,5

PH1 • PH2

PZ1 • PZ2

Ratchet Handle

72 teeth

Universal Joint

Spinner Handle

DOGHER

Extensions

75 mm  
50 mm

Sliding "T" Handle



Sockets

10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20  
21 • 22 • 24 • 27 • 30 • 32

Deep

14 • 15 • 17 • 19 • 22

Sockets

E10 • E11 • E12 • E14  
E16 • E18 • E20 • E22

Spark Plug

16 • 21

5/16" • Screwdriver Bits

HX7 • HX8 • HX10 • HX12 • HX14

T40 • T45 • T50 • T55 • T60

PZ3 • PZ4

PH3 • PH4

8 • 10 • 12

Ratchet Handle

72 teeth

Hex Key Wrenches

1,5 • 2 • 2,5

Universal Joint



Extensions

250 mm  
125 mm

3-Way Adapter

3/8" ▶ ◀ 1/2" (524-021)

Square Drive Bit Holder

5/16" ▶ ◀ 1/2"

# Sockets



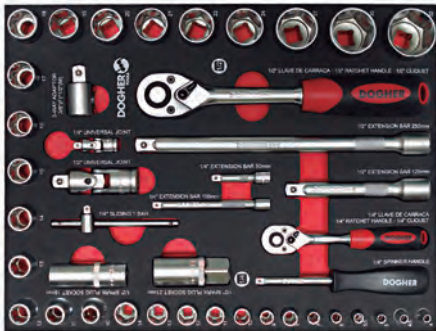
1/4" • 1/2"

Mixed Socket Sets

500

Hexagonal Socket EVA Foam Tray

43  
Pcs



1/2 (375 x 280 X 30 mm)

Part N°	€
500-080	487,51

1/2"

Sockets 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18  
19 • 20 • 21 • 22 • 24 • 27 • 30 • 32

Ratchet Handle 72 teeth

Universal Joint

1/4"

Sockets 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Ratchet Handle 72 teeth

Universal Joint

Spinner Handle

Spark Plug 16 • 21

Extensions 250 mm  
125 mm

3-Way Adapter 3/8" ▶ 1/2" (524-021)

Extensions 100 mm  
50 mm

Sliding "T" Handle 115 mm

501

Bihexagonal Socket EVA Foam Tray

43  
Pcs



1/2 (375 x 280 X 30 mm)

Part N°	€
501-080	487,51

1/2"

Sockets 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18  
19 • 20 • 21 • 22 • 24 • 27 • 30 • 32

Ratchet Handle 72 teeth

Universal Joint

1/4"

Sockets 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Ratchet Handle 72 teeth

Universal Joint

Spinner Handle

Spark Plug 16 • 21

Extensions 250 mm  
125 mm

3-Way Adapter 3/8" ▶ 1/2" (524-021)

Extensions 100 mm  
50 mm

Sliding "T" Handle 115 mm

For Further Information About Storage and Eva Foam Trays:

20 • 35

**503**

Torx Socket EVA Foam Tray

**29**  
Pcs



1/4 (375 x 140 x 30 mm)



E4 • E5 • E6 • E7 • E8



T6 • T7 • T8 • T9 • T10 • T15



E10 • E11 • E12 • E14 • E16 • E18 • E20 • E22 • E24



TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50 • TS55 • TS60

Part N°	€
503-080	316,58

For Further Information About Storage and Eva Foam Trays:

20 • 35



# Sockets



1/4" • 3/8" • 1/2"

Mixed Socket Sets

500

Hexagonal Socket Case

151  
Pcs



435 x 305 x 95 mm

Part N°	€
500-027	898,64

1/4"



Sockets  
4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10  
11 • 12 • 13 • 14

Deep



4 • 5 • 6 • 7 • 8 • 9 • 10



Sockets  
E4 • E5 • E6 • E7 • E8

Socket Bits



HX3 • HX4  
HX5 • HX6



T8 • T9 • T10 • T15  
T20 • T25 • T27 • T30



TS8 • TS9 • TS10 • TS15  
TS20 • TS25 • TS27 • TS30



4 • 5,5 • 6,5 • 7



PH0 • PH1 • PH2



PZ0 • PZ1 • PZ2

Ratchet Handle



72 teeth

Universal Joint



Spinner Handle



Extensions



100 mm  
50 mm

Sliding "T" Handle



3/8"



Sockets  
10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19

Deep



10 • 11 • 12 • 13 • 14 • 15



Sockets  
E10 • E11 • E12 • E14 • E16 • E18

Spark Plug



18

Ratchet Handle



72 teeth

Extensions



125 mm

Universal Joint



Bit Coupler



5/16" ▶ ◀ 3/8"

1/2"



Sockets  
10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20  
• 21 • 22 • 24 • 27 • 30 • 32

Deep



16 • 17 • 18 • 19 • 22



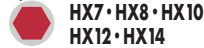
Sockets  
E20 • E24

Spark Plug



16 • 21

5/16" • Screwdriver Bits



HX7 • HX8 • HX10  
HX12 • HX14



T40 • T45 • T50  
T55 • T60 • T70



TS40 • TS45 • TS50  
TS55 • TS60 • TS70



8 • 10 • 12



PH3 • PH4



PZ3 • PZ4

Ratchet Handle



72 teeth

Hex Key Wrenches



1,27 • 1,5 • 2  
2,5 • 3 • 4 • 5

Universal Joint



Extensions



250 mm  
125 mm

3-Way Adapter



3/8" ▶ ◀ 1/2" (524-021)

Bit Coupler



5/16" ▶ ◀ 1/2"

500

Hexagonal Socket Case

**94**  
Pcs



380 x 300 x 84 mm

Part N°	€
500-030	148,29



**1/4"**

Sockets: 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14

Deep: 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13

Socket Bits: HX3 • HX4 • HX5 • HX6, T8 • T10 • T15 • T20 • T25 • T27 • T30, 4 • 5 • 7, PH1 • PH2, PZ1 • PZ2

Ratchet Handle, Spinner Handle, Sliding "T" Handle, Flexible Extension, Universal Joint, Extensions (100 mm, 50 mm)

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**1/2"**

Sockets: 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 20 • 21 • 22 • 24 • 27 • 30 • 32

Deep: 14 • 15 • 17 • 19

Spark Plug: 16 • 21

Ratchet Handle, Universal Joint, Adapter (1/2" to 3/8"), Bit Coupler (5/16" to 1/2"), Extensions (250 mm, 125 mm)

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**5/16"**

Screwdriver Bits: T40 • T45 • T50 • T55, HX8 • HX10 • HX12 • HX14, 8 • 10 • 12, PH3 • PH4, PZ3 • PZ4

Hex Key Wrenches: 1,5 • 2 • 2,5

# Sockets



1/4" • 3/8" • 1/2"

Mixed Socket Sets

**503**

Torx

**11**  
Pcs



- 1/4" ★ E4 • E5 • E6 • E7
- 3/8" ★ E8 • E10 • E12
- 1/2" ★ E14 • E16 • E18 • E20

Part N°	€
503-051	87,51

**502**

Hexagonal Socket Long Series EVA Foam Tray

**18**  
Pcs



1/4 (375 x 140 x 30 mm)

- 1/4" ⬡ 4 • 5 • 6 • 7 • 8 • 9 • 10
- 3/8" ⬡ 10 • 11 • 12 • 13 • 14 • 15
- 1/2" ⬡ 16 • 17 • 18 • 19 • 22

Part N°	€
502-080	231,48

For Further Information About Storage and Eva Foam Trays:

20 • 35

**549**

Hexagonal

3/4"



CrV



mm	L mm	Part N°	€
19	50	549-19	18,39
21	50	549-21	18,49
22	50	549-22	18,56
23	50	549-23	18,86
24	50	549-24	19,07
25	52	549-25	19,67
26	52	549-26	19,87
27	52	549-27	20,45
28	52	549-28	20,45
29	52	549-29	20,47
30	54	549-30	22,84
32	56	549-32	23,49
33	56	549-33	25,53
34	56	549-34	26,02
35	58	549-35	26,20
36	58	549-36	26,66
38	60	549-38	29,64
40	60	549-40	30,90
41	64	549-41	32,35
42	64	549-42	33,35
44	64	549-44	35,58
46	68	549-46	38,28
48	68	549-48	41,84
50	72	549-50	43,91
55	76	549-55	45,40
60	78	549-60	51,43

**SAE**

	L mm	Part N°	€
15/16"	50	549-15/16	18,99
1"	52	549-1	21,96
1.1/16"	52	549-1.1/16	22,10
1.1/8"	52	549-1.1/8	22,64
1.3/16"	54	549-1.3/16	22,96
1.1/4"	56	549-1.1/4	23,18
1.5/16"	56	549-1.5/16	25,09
1.3/8"	58	549-1.3/8	25,99
1.7/16"	58	549-1.7/16	26,68
1.1/2"	60	549-1.1/2	30,79
1.5/8"	64	549-1.5/8	32,74
1.11/16"	64	549-1.11/16	36,43
1.3/4"	68	549-1.3/4	38,55
1.13/16"	68	549-1.13/16	41,00
1.7/8"	72	549-1.7/8	42,02
2"	72	549-2	45,66



# Sockets

3/4"

Sockets



548

Bihexagonal

3/4"



CrV



mm	L mm	Part N°	€
19	50	548-19	17,69
22	50	548-22	17,85
23	50	548-23	18,15
24	50	548-24	18,34
25	52	548-25	18,91
26	52	548-26	19,10
27	52	548-27	20,45
28	52	548-28	20,45
29	52	548-29	20,47
30	54	548-30	22,84
32	56	548-32	23,49
33	56	548-33	25,27
34	56	548-34	25,27
35	58	548-35	25,46
36	58	548-36	25,89
38	60	548-38	28,78
40	60	548-40	30,90
41	64	548-41	32,35
42	64	548-42	33,35
46	68	548-46	38,28
48	68	548-48	41,84
50	72	548-50	43,91
55	76	548-55	45,40
60	78	548-60	51,43

## Accessories for Sockets

553

Extension

3/4"

CrV



L mm	Part N°	€
100	553-003	29,28
200	553-005	35,25
400	553-006	53,34

553

Swivel Handle

3/4"

CrV



L mm	Part N°	€
500	553-016	73,37

**553** Universal Joint

3/4"  
CrV



Part N°	€
553-009	81,97

**553** Increasing Adaptor

3/4"  
1"  
CrV



3/4"	1"	Part N°	€
		553-011	32,05

**553** Reducing Adaptor

3/4"  
1/2"  
CrV



3/4"	1/2"	Part N°	€
		553-012	26,27

**553** Sliding "T" Handle with Side Stopper

3/4"  
CrV



3/4"	L mm	Part N°	€
	450	553-014	66,73

**553** Spare Bar for Sliding "T" Handle

CrV



L mm	Part N°	€
450	553-015	32,70

**553** Square Drive Sliding "T" Handles Spare Part

CrV



3/4"	Part N°	€
	553-017	38,88

# Sockets



3/4"

Ratchet Handle

554

Ratchet Handle

3/4"

24 15°

CrV



TH	L mm	Part N°	€
24 TH	500	554-001	200,56

554

Extensible Ratchet Handle

3/4"

60 6°

CrV



554-002

TH	L mm	Part N°	€
60 TH	930	554-002	218,04

•Max. Torque: 1600 N\* m



554-002R

Spare Ratchet Head

554-002R	137,48
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554-002C

Spare Parts Set

554-002C	17,84
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554-002D

Gear Wheel Ratchet

554-002D	43,90
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549

Hexagonal Socket Case

16  
Pcs

3/4"



Sockets

19 • 22 • 23 • 24 • 27 • 30 • 32 • 36 • 38 • 41 • 46 • 50

Ratchet Handle

500 mm • 24 teeth

Extensions

200 mm  
100 mm

Sliding "T" Handle

450 mm

Part N°	€
549-001	644,32

549

Hexagonal Socket Case

20  
Pcs

3/4"



Sockets

19 • 22 • 23 • 24 • 25 • 26 • 27 • 29 • 30 • 32 • 35 • 36 • 38 • 41 • 46 • 50

Ratchet Handle

500 mm • 24 teeth

Extensions

200 mm  
100 mm

Sliding "T" Handle

450 mm

Part N°	€
549-002	730,53



# Sockets



1"

Sockets

558

Hexagonal



mm	L mm	Part N°	€
36	70	558-36	38,71
41	70	558-41	43,73
46	75	558-46	53,81
50	75	558-50	56,26
54	80	558-54	61,30
55	80	558-55	71,93
58	80	558-58	75,61
60	84	558-60	78,42
63	87	558-63	87,91
65	87	558-65	93,87
67	90	558-67	99,84
70	93	558-70	105,63
71	93	558-71	113,55
75	97	558-75	123,53
77	103	558-77	130,10
80	103	558-80	134,23

557

Bihexagonal



mm	L mm	Part N°	€
36	65	557-36	38,71
41	70	557-41	43,73
46	75	557-46	53,81
50	75	557-50	56,26
54	80	557-54	61,30
55	80	557-55	71,93
58	80	557-58	75,61
60	84	557-60	78,42
63	87	557-63	87,91
65	87	557-65	93,87
67	90	557-67	99,84
70	93	557-70	105,63
71	93	557-71	113,55
75	97	557-75	123,53
77	103	557-77	130,10
80	103	557-80	134,23

## SAE

	L mm	Part N°	€
1.5/8"	70	558-1.5/8	54,90
1.13/16"	75	558-1.13/16	64,95
1.7/8"	75	558-1.7/8	68,68
2"	75	558-2	70,53
2.1/8"	80	558-2.1/8	74,88
2.3/16"	80	558-2.3/16	80,60
2.1/4"	80	558-2.1/4	89,52
2.3/8"	84	558-2.3/8	98,08
2.1/2"	87	558-2.1/2	109,99
2.5/8"	90	558-2.5/8	125,09
2.3/4"	93	558-2.3/4	132,33
2.15/16"	97	558-2.15/16	149,64
3"	103	558-3	157,46
3.1/8"	103	558-3.1/8	168,06

559

Reducing Adaptor



1"	3/4"	Part N°	€
1"	3/4"	559-012	52,24

**559**

Extension



L mm	Part N°	€
200	559-005	80,51
400	559-006	92,29

**559**

Sliding "T" Handle with Side Stopper



1"	L mm	Part N°	€
1"	500	559-014	92,36

**559**

Spare Bar for Sliding "T" Handle



L mm	Part N°	€
500	559-015	56,51

**559**

"T" Sliding Handle Square Drive Spare Part



1"	Part N°	€
1"	559-017	49,12

**560**

Ratchet Handle



TH	L mm	Part N°	€
24 TH	650	560-001	293,64

**Socket Sets**

**558**

Hexagonal Socket Case

**12**  
Pcs



Sockets

46 • 50 • 55 • 60 • 65 • 70 • 75 • 80

Ratchet Handle

650 mm • 24 teeth

Adapter

3/4 (M) ▶ ◀ 1" (F)

Sliding "T" Handle

550 mm

Extension

200 mm

Part N°	€
558-001	1.236,44

# Impact Sockets

Effect of stress:



• On the socket

• On the nut

Impact sockets manufactured in chrome molybdenum and tempered in oil. Specially designed to withstand the demands of high force impact drivers.



• Maximum torque transmission.  
• Prevent the nut deformation.

1/4"

## Impact Sockets

561

Hexagonal



mm	L mm	Part N°	€
5	23	561-05	6,31
6	23	561-06	6,31
7	23	561-07	6,31
8	23	561-08	6,31
9	23	561-09	6,31
10	23	561-10	6,81
11	23	561-11	6,81
12	23	561-12	6,81
13	23	561-13	6,81
14	23	561-14	7,39
15	23	561-15	8,25

561L

Hexagonal Long Series



mm	L mm	Part N°	€
5	50	561L-05	10,54
6	50	561L-06	10,97
7	50	561L-07	11,61
8	50	561L-08	12,17
9	50	561L-09	16,95
10	50	561L-10	16,95
11	50	561L-11	17,79
12	50	561L-12	17,92
13	50	561L-13	17,98
14	50	561L-14	17,98
15	50	561L-15	18,76

**562**

Hexagonal



mm	L mm	Part N°	€
7	30	562-07	9,15
8	30	562-08	9,15
9	30	562-09	9,15
10	30	562-10	9,15
11	30	562-11	9,15
12	30	562-12	9,15
13	30	562-13	9,15
14	30	562-14	9,15
15	30	562-15	9,72
16	30	562-16	9,72
17	30	562-17	9,72
18	30	562-18	9,72
19	30	562-19	9,72
20	30	562-20	11,71
21	30	562-21	11,73
22	30	562-22	11,79
23	30	562-23	12,72
24	30	562-24	12,87

**565**

Hexagonal Long Series



mm	L mm	Part N°	€
7	64	565-07	10,52
8	64	565-08	10,52
9	64	565-09	10,52
10	64	565-10	10,52
11	64	565-11	11,01
12	64	565-12	11,01
13	64	565-13	11,01
14	64	565-14	11,01
15	64	565-15	11,70
16	64	565-16	11,70
17	64	565-17	11,70
18	64	565-18	11,70
19	64	565-19	11,70
20	64	565-20	14,09
21	64	565-21	14,12
22	64	565-22	14,19
23	64	565-23	15,31
24	64	565-24	15,79

**564**

Torx



mm	L mm	Part N°	€
E5	28	564-T05	11,15
E7	28	564-T07	11,15
E8	28	564-T08	11,15
E10	28	564-T10	11,15
E12	28	564-T12	11,15
E14	28	564-T14	11,15

**566**

Helical Wheels



mm	L mm	Part N°	€
8	32	566-08	16,66
10	32	566-10	16,66
11	32	566-11	16,66
12	32	566-12	16,66
13	32	566-13	16,66
14	32	566-14	16,66
16	32	566-16	17,85
17	32	566-17	17,85
19	32	566-19	17,85



# Impact Sockets

3/8"

Accessories for Impact Sockets



594

Universal Joint

3/8"

CrMo



L mm	Part N°	€
50	594-001	44,46

594

Extension

3/8"

CrMo



L mm	Part N°	€
75	594-005	16,49
150	594-006	20,09

594

Increasing Adaptor

3/8"

1/2"

CrMo



		Part N°	€
3/8"	1/2"	594-025	24,37

594

Reducing Adaptor

3/8"

1/4"

CrMo



		Part N°	€
3/8"	1/4"	594-029	21,71

**570**

Hexagonal



mm	L mm	Part N°	€
8	38	570-08	10,02
9	38	570-09	10,59
10	38	570-10	10,66
11	38	570-11	10,67
12	38	570-12	10,80
13	38	570-13	10,99
14	38	570-14	11,25
15	38	570-15	11,70
16	38	570-16	11,75
17	38	570-17	11,81
18	38	570-18	11,88
19	38	570-19	11,88
20	38	570-20	13,42
21	38	570-21	13,52
22	38	570-22	13,67
23	38	570-23	13,71
24	38	570-24	14,21
25	42	570-25	15,76
26	42	570-26	16,57
27	42	570-27	16,94
28	42	570-28	18,95
29	42	570-29	18,95
30	42	570-30	18,95
32	42	570-32	22,99
33	42	570-33	28,09
34	48	570-34	29,71
36	48	570-36	31,84

**SAE**

	L mm	Part N°	€
3/8"	38	570-3/8	10,86
7/16"	38	570-7/16	11,13
1/2"	38	570-1/2	11,46
9/16"	38	570-9/16	11,73
5/8"	38	570-5/8	11,98
11/16"	38	570-11/16	12,09
3/4"	38	570-3/4	12,26
13/16"	38	570-13/16	13,06
7/8"	38	570-7/8	13,31
15/16"	38	570-15/16	14,45
1"	42	570-1	15,22
1.1/8"	42	570-1.1/8	19,17
1.1/4"	42	570-1.1/4	32,30

**576**

Bihexagonal



mm	L mm	Part N°	€
8	38	576-08	10,51
9	38	576-09	11,12
10	38	576-10	11,19
11	38	576-11	11,20
12	38	576-12	11,34
13	38	576-13	11,55
14	38	576-14	11,80
15	38	576-15	12,28
16	38	576-16	12,33
17	38	576-17	12,40
18	38	576-18	12,47
19	38	576-19	12,47
20	38	576-20	14,09
21	38	576-21	14,21
22	38	576-22	14,36
23	38	576-23	14,39
24	38	576-24	14,92
25	42	576-25	16,54
26	42	576-26	17,40
27	42	576-27	17,77
28	42	576-28	19,89
29	42	576-29	19,89
30	42	576-30	19,89
32	42	576-32	24,15
36	42	576-36	32,37

**572**

Torx



mm	L mm	Part N°	€
E10	38	572-T10	13,69
E12	38	572-T12	13,69
E14	38	572-T14	13,69
E16	38	572-T16	13,69
E18	38	572-T18	13,69
E20	38	572-T20	15,47
E24	38	572-T24	16,11

# Impact Sockets

1/2"

Impact Sockets



571

Hexagonal Long Series



576L

Bihexagonal Long Series



mm	L mm	Part N°	€
8	82	571-08	20,06
9	82	571-09	20,06
10	82	571-10	20,60
11	82	571-11	20,60
12	82	571-12	20,60
13	82	571-13	20,60
14	82	571-14	20,60
15	82	571-15	20,99
16	82	571-16	21,46
17	82	571-17	21,46
18	82	571-18	22,83
19	82	571-19	22,83
20	82	571-20	22,83
21	82	571-21	23,06
22	82	571-22	23,06
23	82	571-23	23,11
24	82	571-24	23,38
25	82	571-25	25,00
26	82	571-26	26,59
27	82	571-27	27,14
28	82	571-28	28,21
29	82	571-29	30,23
30	82	571-30	30,95
32	82	571-32	34,17
33	82	571-33	36,65
34	82	571-34	39,86
36	82	571-36	42,25

mm	L mm	Part N°	€
10	78	576L-10	20,60
11	78	576L-11	20,60
12	78	576L-12	20,60
13	78	576L-13	20,60
14	78	576L-14	20,60
15	78	576L-15	20,99
16	78	576L-16	21,46
17	78	576L-17	21,46
19	78	576L-19	22,83
21	78	576L-21	23,17
22	78	576L-22	23,17

575

Hexagonal

1/2"



CrMo



Plastic sleeve to prevent damage to alloy wheels

mm	L mm	Part N°	€
17	85	575-17	13,30
19	85	575-19	15,20
21	85	575-21	15,20

575

Socket & Ratchet Handle Sets



Part N°	€
575-001	39,78

577

Helical

1/2"



CrMo



mm	L mm	Part N°	€
17	34	577-17	20,64
19	34	577-19	20,64
21	34	577-21	20,64
22	34	577-22	21,43
24	34	577-24	21,43
27	34	577-27	36,67



# Impact Sockets



1/2"

Impact Socket Bits

5731

Hexagonal

574

Torx



⬡	L mm	Part N°	€
<b>HX5</b>	40	<b>5731-05</b>	<b>24,78</b>
<b>HX6</b>	40	<b>5731-06</b>	<b>26,66</b>
<b>HX8</b>	40	<b>5731-08</b>	<b>26,69</b>
<b>HX10</b>	40	<b>5731-10</b>	<b>29,02</b>
<b>HX12</b>	40	<b>5731-12</b>	<b>29,09</b>
<b>HX14</b>	40	<b>5731-14</b>	<b>29,85</b>
<b>HX17</b>	40	<b>5731-17</b>	<b>30,18</b>
<b>HX19</b>	40	<b>5731-19</b>	<b>30,35</b>

⬡	L mm	Part N°	€
<b>T25</b>	40	<b>574-T25</b>	<b>20,68</b>
<b>T27</b>	40	<b>574-T27</b>	<b>20,68</b>
<b>T30</b>	40	<b>574-T30</b>	<b>22,57</b>
<b>T40</b>	40	<b>574-T40</b>	<b>22,57</b>
<b>T45</b>	40	<b>574-T45</b>	<b>22,57</b>
<b>T50</b>	40	<b>574-T50</b>	<b>25,07</b>
<b>T55</b>	40	<b>574-T55</b>	<b>26,71</b>
<b>T60</b>	40	<b>574-T60</b>	<b>29,39</b>

573

Hexagonal Long Series



⬡	L mm	Part N°	€
<b>HX5</b>	78	<b>573-05</b>	<b>26,09</b>
<b>HX6</b>	78	<b>573-06</b>	<b>28,07</b>
<b>HX8</b>	78	<b>573-08</b>	<b>28,09</b>
<b>HX10</b>	78	<b>573-10</b>	<b>30,55</b>
<b>HX12</b>	78	<b>573-12</b>	<b>30,63</b>
<b>HX14</b>	78	<b>573-14</b>	<b>31,43</b>
<b>HX17</b>	78	<b>573-17</b>	<b>31,77</b>
<b>HX19</b>	78	<b>573-19</b>	<b>31,94</b>

**594** Universal Joint

1/2"  
CrMo



L mm	Part N°	€
63	594-002	50,30

**594** Extension

1/2"  
CrMo



L mm	Part N°	€
75	594-007	20,88
125	594-008	22,48
250	594-009	25,03

**594** Increasing Adaptor

1/2"  
3/4"  
CrMo



		Part N°	€
1/2"	3/4"	594-026	26,81

**594** Reducing Adaptor

1/2"  
3/8"  
CrMo



		Part N°	€
1/2"	3/8"	594-030	22,82

# Impact Sockets



1/2"

Impact Socket Sets

570

Impact Sockets

10  
Pcs

1/2"



10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19



Part N°	€
570-051	117,14
576-051	122,78

570

Impact Sockets

13  
Pcs

1/2"



125 mm

10 • 11 • 12 • 13 • 14 • 17 • 19 • 22 • 24 • 27 • 30 • 32



Part N°	€
570-071	191,05
576-071	199,27

573

Hexagonal Impact Socket EVA Foam Tray

25  
Pcs

1/2"



1/3 (375 x 188 X 30 mm)



Part N°	€
570-080	416,59

Impact Sockets

8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 20 • 21 • 22 • 24

Deep

17 • 19 • 21 • 22 • 24

Colour Impact Sockets

17 • 19 • 21

Extensions

125 mm

Adapter



572

Torx Impact Socket and Socket Bits EVA Foam Tray

23  
Pcs

1/2"



1/3 (375 x 188 X 30 mm)



Part N°	€
572-080	541,34

Impact Sockets

E10 • E12 • E14 • E16 • E18 • E20 • E24

T25 • T27 • T30 • T40 • T45 • T50 • T55 • T60

5 • 6 • 8 • 10 • 12 • 14 • 17 • 19

**578**

Hexagonal



**SAE**

”	L mm	Part N°	€
13/16"	51	578-13/16	27,73
7/8"	51	578-7/8	28,02
15/16"	51	578-15/16	29,16
1"	53	578-1	29,44
1.1/8"	53	578-1.1/8	30,85
1.1/4"	57	578-1.1/4	30,82
1.5/16"	57	578-1.5/16	34,57
1.3/8"	57	578-1.3/8	35,44
1.7/16"	57	578-1.7/16	35,82
1.3/4"	62	578-1.3/4	50,46

**582**

Bihexagonal



mm	L mm	Part N°	€
13	45	578-13	29,69
14	45	578-14	29,69
15	45	578-15	29,69
16	45	578-16	29,69
17	50	578-17	24,75
18	50	578-18	24,75
19	50	578-19	24,75
20	50	578-20	25,41
21	50	578-21	25,53
22	50	578-22	25,58
23	50	578-23	26,23
24	50	578-24	26,56
25	50	578-25	27,31
26	50	578-26	27,98
27	54	578-27	28,02
28	54	578-28	28,94
29	54	578-29	28,94
30	54	578-30	28,94
32	56	578-32	32,22
33	56	578-33	36,65
34	56	578-34	37,65
35	56	578-35	38,40
36	58	578-36	38,71
37	58	578-37	39,08
38	58	578-38	39,19
39	58	578-39	39,86
40	58	578-40	42,12
41	58	578-41	43,94
42	58	578-42	45,21
43	62	578-43	46,28
44	62	578-44	47,21
45	64	578-45	48,25
46	64	578-46	49,90
47	68	578-47	52,70
48	68	578-48	56,03
49	70	578-49	59,12
50	72	578-50	63,88
52	72	578-52	69,94
54	72	578-54	79,45
55	75	578-55	84,96
56	75	578-56	88,01
57	75	578-57	91,34
58	75	578-58	92,29
59	75	578-59	93,36
60	77	578-60	95,78

mm	L mm	Part N°	€
17	50	582-17	25,50
18	52	582-18	25,50
19	52	582-19	25,50
21	52	582-21	26,29
22	52	582-22	26,35
23	52	582-23	27,35
24	52	582-24	27,35
25	52	582-25	27,81
26	52	582-26	27,94
27	52	582-27	28,02
28	52	582-28	28,94
29	52	582-29	28,94
30	52	582-30	28,94
32	52	582-32	32,22
33	56	582-33	36,65
34	56	582-34	37,76
35	56	582-35	38,51
36	56	582-36	38,71
37	56	582-37	38,79
38	56	582-38	39,19
39	58	582-39	41,05
40	58	582-40	42,82
41	58	582-41	43,94
42	58	582-42	46,40
43	62	582-43	48,30
44	62	582-44	49,61
45	63	582-45	50,51
46	63	582-46	51,93
47	68	582-47	53,77
48	68	582-48	57,10
49	70	582-49	61,26
50	72	582-50	63,88
52	72	582-52	73,15
54	72	582-54	81,71
55	74	582-55	84,96
56	74	582-56	88,01
57	74	582-57	91,34
58	74	582-58	92,29
59	74	582-59	93,36
60	80	582-60	95,78



# Impact Sockets

3/4"

Impact Sockets



579

Hexagonal Long Series

583

Bi-hexagonal Long Series



mm	L mm	Part N°	€
13	90	579-13	45,04
14	90	579-14	45,04
15	90	579-15	45,04
16	90	579-16	45,04
17	90	579-17	45,05
18	90	579-18	45,53
19	90	579-19	45,95
20	90	579-20	46,28
21	90	579-21	46,84
22	90	579-22	47,21
23	90	579-23	47,29
24	90	579-24	47,59
25	90	579-25	48,36
26	90	579-26	48,80
27	90	579-27	49,23
28	90	579-28	49,77
29	90	579-29	49,77
30	90	579-30	50,46
32	90	579-32	52,56
33	90	579-33	56,73
34	90	579-34	59,50
35	90	579-35	60,93
36	95	579-36	61,01
38	92	579-38	66,94
39	90	579-39	67,68
40	90	579-40	70,89
41	95	579-41	72,86
42	95	579-42	75,17
43	95	579-43	77,31
44	95	579-44	79,89
45	95	579-45	81,71
46	95	579-46	82,42
47	95	579-47	84,92
48	95	579-48	88,01
49	95	579-49	90,15
50	95	579-50	92,37
52	95	579-52	102,40
54	95	579-54	114,39
55	95	579-55	118,94
57	95	579-57	127,87
58	95	579-58	129,20
59	95	579-59	130,70
60	95	579-60	134,09



mm	L mm	Part N°	€
14	90	583-14	45,04
16	90	583-16	45,04
17	90	583-17	45,05
18	90	583-18	45,53
19	90	583-19	45,95
21	90	583-21	46,84
22	90	583-22	47,21
23	90	583-23	47,29
24	90	583-24	47,59
26	90	583-26	48,80
27	90	583-27	49,23
28	90	583-28	49,77
29	90	583-29	49,77
30	90	583-30	50,46
32	90	583-32	52,56
33	90	583-33	59,01
34	90	583-34	60,09
35	90	583-35	60,93
36	90	583-36	61,01
38	92	583-38	66,94
41	92	583-41	75,05
46	92	583-46	84,89
50	95	583-50	95,13



580

Hexagonal

3/4"



CrMo



	L mm	Part N°	€
<b>HX12</b>	55	<b>580-12</b>	<b>58,49</b>
<b>HX14</b>	55	<b>580-14</b>	<b>64,33</b>
<b>HX17</b>	55	<b>580-17</b>	<b>64,33</b>
<b>HX19</b>	55	<b>580-19</b>	<b>64,33</b>
<b>HX22</b>	55	<b>580-22</b>	<b>77,05</b>
<b>HX24</b>	55	<b>580-24</b>	<b>77,05</b>

## Accessories for Impact Sockets

594

Universal Joint

3/4"

CrMo



L mm	Part N°	€
<b>90</b>	<b>594-003</b>	<b>91,88</b>

594

Extension

3/4"

CrMo



L mm	Part N°	€
<b>100</b>	<b>594-010</b>	<b>45,85</b>
<b>175</b>	<b>594-011</b>	<b>51,63</b>
<b>250</b>	<b>594-012</b>	<b>61,58</b>
<b>325</b>	<b>594-013</b>	<b>71,57</b>

594

Increasing Adaptor

3/4"

1"

CrMo



3/4"	1"	Part N°	€
		<b>594-027</b>	<b>63,75</b>

594

Reducing Adaptor

3/4"

1/2"

CrMo



3/4"	1/2"	Part N°	€
		<b>594-031</b>	<b>47,18</b>

579

Impact Sockets Long Series + Increasing Adaptor

8

Pcs

3/4"



## Socket Sets

Increasing Adaptor

3/4" ▶ ◀ 1/2" (594-026)

19 • 22 • 24 • 27 • 30 • 32 • 36

Part N°	€
<b>579-001</b>	<b>400,82</b>

# Impact Sockets



1"

Impact Sockets

585

Hexagonal



mm	L mm	Part N°	€
19	55	585-19	45,81
20	55	585-20	45,81
21	55	585-21	45,81
22	58	585-22	45,81
24	58	585-24	45,81
27	60	585-27	46,14
28	60	585-28	47,56
29	64	585-29	47,56
30	64	585-30	47,56
32	64	585-32	48,83
33	64	585-33	48,83
34	64	585-34	51,81
36	66	585-36	51,81
38	66	585-38	52,24
40	66	585-40	55,50
41	67	585-41	58,88
42	74	585-42	65,56
46	74	585-46	72,47
50	74	585-50	80,69
55	80	585-55	92,43
60	85	585-60	118,45
65	85	585-65	141,71
70	90	585-70	171,48
75	95	585-75	197,12
80	101	585-80	234,60
85	101	585-85	297,75
90	106	585-90	344,39
95	106	585-95	570,77
100	112	585-100	647,23
105	112	585-105	744,10
110	122	585-110	839,94
115	122	585-115	965,28

588

Bihexagonal



mm	L mm	Part N°	€
19	58	588-19	45,81
20	58	588-20	45,81
21	58	588-21	45,81
22	58	588-22	45,81
24	58	588-24	45,81
27	58	588-27	46,14
28	58	588-28	47,56
29	60	588-29	47,56
30	60	588-30	47,56
32	62	588-32	48,83
33	62	588-33	48,83
34	62	588-34	51,81
36	62	588-36	51,81
38	62	588-38	52,24
40	62	588-40	55,50
41	62	588-41	58,88
42	64	588-42	65,56
46	64	588-46	72,47
50	70	588-50	80,69
55	72	588-55	92,43
60	78	588-60	118,45

## SAE

mm	L mm	Part N°	€
1"	60	585-1	46,65
1.1/4"	64	585-1.1/4	49,39
1.7/16"	66	585-1.7/16	52,39
1.7/8"	72	585-1.7/8	81,57

**586**

Hexagonal Long Series



mm	L mm	Part N°	€
<b>22</b>	100	<b>586-22</b>	<b>68,27</b>
<b>24</b>	100	<b>586-24</b>	<b>69,10</b>
<b>27</b>	100	<b>586-27</b>	<b>70,49</b>
<b>30</b>	100	<b>586-30</b>	<b>71,35</b>
<b>32</b>	100	<b>586-32</b>	<b>71,89</b>
<b>33</b>	100	<b>586-33</b>	<b>74,83</b>
<b>34</b>	100	<b>586-34</b>	<b>74,84</b>
<b>36</b>	100	<b>586-36</b>	<b>74,84</b>
<b>38</b>	100	<b>586-38</b>	<b>84,53</b>
<b>41</b>	100	<b>586-41</b>	<b>93,38</b>
<b>46</b>	100	<b>586-46</b>	<b>104,50</b>
<b>50</b>	100	<b>586-50</b>	<b>123,47</b>
<b>55</b>	100	<b>586-55</b>	<b>150,30</b>
<b>60</b>	120	<b>586-60</b>	<b>184,58</b>

## Impact Socket Bits

**587**

Hexagonal



	L mm	Part N°	€
<b>HX17</b>	100	<b>587-17</b>	<b>121,81</b>
<b>HX19</b>	100	<b>587-19</b>	<b>121,81</b>
<b>HX22</b>	100	<b>587-22</b>	<b>138,67</b>
<b>HX27</b>	100	<b>587-27</b>	<b>140,54</b>



# Impact Sockets



1"

Accessories for Impact Sockets

594

Universal Joint

1"

CrMo



L mm	Part N°	€
110	594-004	180,70

594

Extension

1"

CrMo



L mm	Part N°	€
75	594-014	88,36
175	594-015	103,40
325	594-016	123,53

594

Increasing Adaptor

1"

1.1/2"

CrMo



		Part N°	€
1"	1.1/2"	594-028	103,95

594

Reducing Adaptor

1"

3/4"

CrMo



		Part N°	€
1"	3/4"	594-032	56,19

590

Hexagonal

1.1/2"



CrMo



mm	L mm	Part N°	€
32	75	590-32	213,26
33	75	590-33	213,26
34	75	590-34	213,26
36	80	590-36	223,78
38	80	590-38	223,78
40	80	590-40	223,78
41	80	590-41	223,78
42	80	590-42	243,24
46	84	590-46	243,84
50	87	590-50	243,84
55	90	590-55	244,51
60	92	590-60	271,52
65	96	590-65	298,40
70	101	590-70	333,45
75	105	590-75	361,76
80	110	590-80	397,16
85	116	590-85	456,34
90	118	590-90	505,95
95	118	590-95	602,64
100	125	590-100	647,16
105	125	590-105	682,98
110	137	590-110	886,17
115	137	590-115	931,73
120	145	590-120	1.182,54

## Accessories for Impact Sockets

594

Reducing Adaptor

CrMo



594-033



594-034

1.1/2"	1"	Part N°	€
1.1/2"	1"	594-033	240,24
2.1/2"	1.1/2"	594-034	834,06

# Impact Sockets

2.1/2"

Impact Sockets



591

Hexagonal



mm	L mm	Part N°	€
41	115	591-41	727,47
42	115	591-42	727,47
43	115	591-43	727,47
44	115	591-44	727,47
45	115	591-45	727,47
46	115	591-46	727,47
47	115	591-47	727,47
48	115	591-48	727,47
49	115	591-49	727,47
50	115	591-50	727,47
51	115	591-51	727,47
52	115	591-52	727,47
54	115	591-54	755,07
55	115	591-55	755,07
56	115	591-56	755,07
57	115	591-57	755,07
58	115	591-58	755,07
59	115	591-59	755,07
60	115	591-60	755,07
61	115	591-61	768,85
62	115	591-62	768,85
65	115	591-65	768,85
67	115	591-67	768,85
70	115	591-70	768,85
73	125	591-73	768,85
75	125	591-75	768,85
76	125	591-76	768,85
77	125	591-77	768,85
80	125	591-80	768,85
85	130	591-85	830,87
86	130	591-86	910,20
90	132	591-90	910,20
95	132	591-95	968,81
100	141	591-100	1.176,35
105	141	591-105	1.255,21
110	150	591-110	1.281,81

mm	L mm	Part N°	€
115	150	591-115	1.414,38
120	158	591-120	1.610,15
125	158	591-125	1.662,24
130	170	591-130	1.979,52
135	174	591-135	1.979,52
140	176	591-140	2.007,95
145	182	591-145	2.007,95
150	190	591-150	2.557,02
155	190	591-155	2.557,02
160	194	591-160	2.959,52
165	201	591-165	2.959,52
170	201	591-170	3.371,48
175	208	591-175	4.034,41
180	214	591-180	4.148,04
185	214	591-185	4.526,85
190	218	591-190	4.792,05
200	226	591-200	5.216,53
210	232	591-210	5.808,10
215	239	591-215	6.721,63
225	258	591-225	6.721,63
235	275	591-235	7.617,85

## SAE

	L mm	Part N°	€
1.3/4"	125	591-1.3/4	727,47
1.7/8"	125	591-1.7/8	727,47
2.1/16"	125	591-2.1/16	755,07
2.3/16"	125	591-2.3/16	755,07
2.3/8"	125	591-2.3/8	768,85
2.1/2"	125	591-2.1/2	768,85
2.11/16"	125	591-2.11/16	768,85
2.13/16"	125	591-2.13/16	768,85
3.1/16"	125	591-3.1/16	768,85
3.1/8"	125	591-3.1/8	768,85
3.3/16"	125	591-3.3/16	830,87
3.1/4"	125	591-3.1/4	830,87
3.5/16"	125	591-3.5/16	830,87
3.7/16"	125	591-3.7/16	910,20
3.1/2"	125	591-3.1/2	910,20
3.9/16"	132	591-3.9/16	910,20
3.5/8"	132	591-3.5/8	910,20
3.11/16"	132	591-3.11/16	910,20
3.13/16"	140	591-3.13/16	921,41
3.7/8"	140	591-3.7/8	921,41
4"	142	591-4	1.177,37
4.1/16"	142	591-4.1/16	1.177,37
4.3/16"	155	591-4.3/16	1.204,15

592

Hexagonal



SAE

mm	L mm	Part N°	€
4"	165	592-4	2.224,91
4.1/16"	165	592-4.1/16	2.224,91
4.3/16"	174	592-4.3/16	2.224,91

mm	L mm	Part N°	€
100	165	592-100	2.224,91
105	165	592-105	2.224,91
110	174	592-110	2.224,91
115	174	592-115	2.287,44
120	182	592-120	2.471,05
125	182	592-125	2.471,05
130	198	592-130	2.471,05
135	198	592-135	3.088,83
140	205	592-140	3.287,38
145	212	592-145	3.552,17
150	212	592-150	3.552,17
155	214	592-155	3.794,83
160	218	592-160	4.214,02
165	230	592-165	4.214,02
170	230	592-170	4.875,96
175	230	592-175	4.875,96
180	237	592-180	5.780,49
185	237	592-185	5.780,49
190	242	592-190	6.111,44
200	249	592-200	6.618,91
210	256	592-210	7.941,87
215	263	592-215	9.486,13
225	273	592-225	9.486,13
235	279	592-235	9.905,29

## Accessories for Impact Sockets

1/2" • 3/4" • 1"

594

Impact Socket Rings



mm	mm	D <sub>1</sub> mm	D <sub>2</sub> mm	Part N°	€
1/2"	8-17	19	4	• 594-051	1,54
1/2"	18-36	24	4	594-052	1,54
3/4"	13-24	32	5	• 594-053	2,06
3/4"	25-29	35	5	594-054	2,31
3/4"	30-49	38	5	• 594-055	2,57
3/4"	50-60	46	7	594-056	3,56
1"	19-33	43	7	• 594-057	4,36
1"	34-70	46	7	594-056	3,56
1"	75-95	76	10	594-059	8,36
1"	100-115	85	10	594-060	10,25

594

Impact Socket Pins



mm	mm	L mm	D mm	Part N°	€
1/2"	8-17	19	3	• 594-061	1,48
1/2"	18-36	24	3	594-062	1,46
3/4"	13-24	31	4	• 594-063	1,96
3/4"	25-29	34	4	594-064	2,18
3/4"	30-49	37	4	• 594-065	2,40
3/4"	50-60	45	5	594-066	2,70
1"	19-33	42	5	• 594-067	3,15
1"	34-70	45	5	594-066	2,70
1"	75-95	75	6	594-069	4,36
1"	100-115	84	6	594-070	5,51

•Ref. suitable for above detailed sockets and their accessories

•Ref. suitable for above detailed sockets and their accessories



# Sockets

1/4" • 3/8" • 1/2"

Insulated Sockets



## 5010

Hexagonal



Hexagon	L mm	Part N°	€
5	42	5010-05	23,95
5,5	42	5010-05,5	23,95
6	42	5010-06	23,95
7	42	5010-07	23,95
8	42	5010-08	23,95

## 5116

Hexagonal



Hexagon	L mm	Part N°	€
8	44	5116-08	25,20
10	44	5116-10	25,29
11	44	5116-11	25,29
12	44	5116-12	25,29
13	44	5116-13	25,29
14	44	5116-14	25,29
16	44	5116-16	25,86
17	44	5116-17	26,03
18	44	5116-18	26,38
19	46	5116-19	26,38

## 5331

Hexagonal



Hexagon	L mm	Part N°	€
10	54	5331-10	26,63
11	54	5331-11	26,63
12	54	5331-12	26,63
13	54	5331-13	26,63
14	54	5331-14	26,64
16	54	5331-16	27,21
17	54	5331-17	27,39
18	54	5331-18	27,01
19	54	5331-19	27,77
21	54	5331-21	27,76
22	54	5331-22	27,94
24	54	5331-24	29,39
27	54	5331-27	30,31
30	59	5331-30	33,01
32	59	5331-32	34,25

## 5380

Hexagonal



Hexagon	L mm	Part N°	€
HX4	120	5380-04X120	47,45
HX5	120	5380-05X120	47,45
HX6	120	5380-06X120	47,45
HX8	120	5380-08X120	47,45
HX10	120	5380-10X120	49,65

**5224**

"T" Handle

3/8"

CrV

TESTED

D'E  
1000V



□	L mm	Part N°	€
3/8"	210	5224-025	50,61

**5224**

Extension

3/8"

CrV

TESTED

D'E  
1000V



L mm	Part N°	€
125	5224-003	48,21
250	5224-005	49,24

**5443**

"T" Handle

1/2"

CrV

TESTED

D'E  
1000V



□	L mm	Part N°	€
1/2"	210	5443-025	65,92

**5443**

Extension

1/2"

CrV

TESTED

D'E  
1000V



L mm	Part N°	€
125	5443-003	51,30
250	5443-005	52,86

# Sockets

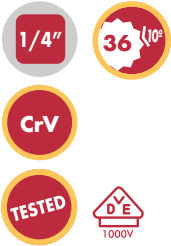


1/4" • 3/8" • 1/2"

Insulated Ratchet Handles

**510**

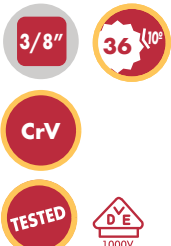
Insulated Ratchet Handle



L mm	Part N°	€
145	510-009	138,52

**525**

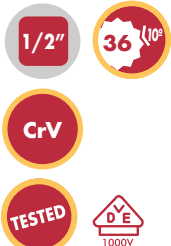
Insulated Ratchet Handle



L mm	Part N°	€
200	525-009	165,38

**544**

Insulated Ratchet Handle



L mm	Part N°	€
250	544-009	206,69

**5331**

VDE 1/2" Hexagonal Socket Case

**20**  
Pcs



415 x 320 x 80 mm

10 · 11 · 12 · 13 · 14 · 16 · 17 · 18 · 19 · 21 · 22 · 24 · 27

Sockets Bits

4 · 5 · 6 · 8 · L 120 mm

Ratchet Handle L 250 mm

Extension 250 mm

"T" Handle L 200 mm



Part N°	€
5331-001	577,13



**DOGHER**  
® **TOOLS**  
*Making Solutions*



	<b>328</b>		<b>338</b>
	<b>331</b>		<b>338</b>
	<b>331</b>		<b>339</b>
	<b>332</b>		<b>341</b>
	<b>337</b>		<b>343</b>

# Key Wrenches

# 600





# Key Wrenches

## Bulk Key Wrenches



**600**

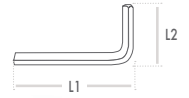
Short Hex



mm	L1 mm	L2 mm		Part N°	€
1,5	45	14	10	600-01,5	0,70
2	50	16	10	600-02	0,71
2,5	56	18	10	600-02,5	0,77
3	63	20	10	600-03	0,98
4	70	25	10	600-04	1,03
5	80	28	10	600-05	1,24
6	90	37	10	600-06	1,52
7	95	34	10	600-07	2,10
8	100	36	10	600-08	2,40
9	105	38	10	600-09	3,15
10	112	40	10	600-10	3,31
11	127	41	5	600-11	4,93
12	125	45	5	600-12	4,94
14	140	56	5	600-14	6,78
17	160	80	5	600-17	10,82
19	180	90	5	600-19	16,10
22	210	100	5	600-22	26,35
24	250	115	5	600-24	54,52
27	270	125	5	600-27	73,28
30	310	140	5	600-30	85,52
32	345	155	5	600-32	120,74
36	385	175	5	600-36	172,48
38	378	147	5	600-38	222,07
41	400	153	5	600-41	277,65

**602**

Extra Long Hex



mm	L1 mm	L2 mm		Part N°	€
1,5	90	14	10	602-01,5	0,82
2	100	15	10	602-02	0,83
2,5	112	18	10	602-02,5	0,95
3	126	20	10	602-03	1,30
4	142	25	10	602-04	1,49
5	160	28	10	602-05	1,84
6	180	32	10	602-06	2,22
7	190	34	10	602-07	3,50
8	200	36	10	602-08	4,06
9	210	38	5	602-09	5,09
10	224	40	5	602-10	5,71
12	250	45	5	602-12	8,72
14	280	55	5	602-14	10,96

## SAE

mm	L1 mm	L2 mm		Part N°	€	
1/16"	1,60	43,5	13,5	10	600-1/16	0,68
5/64"	1,98	49	15	10	600-5/64	0,56
3/32"	2,36	52	16	10	600-3/32	0,60
1/8"	3,17	56	18	10	600-1/8	0,77
5/32"	3,97	63	21	10	600-5/32	0,92
3/16"	4,76	69	23	10	600-3/16	1,05
7/32"	5,56	75	25	10	600-7/32	1,25
1/4"	6,35	82	28	10	600-1/4	1,52
5/16"	7,93	94	31	10	600-5/16	2,55
3/8"	9,52	107	34	10	600-3/8	3,70
7/16"	11,11	120	37	5	600-7/16	5,70
1/2"	12,70	133	40	5	600-1/2	6,83
5/8"	15,87	156	45,5	5	600-5/8	12,55
3/4"	19,05	183	53	5	600-3/4	21,10



• Hanging unit packaging available

**605**

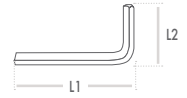
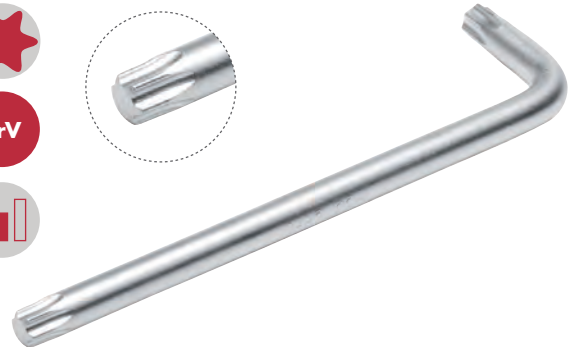
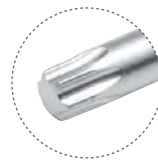
Extra Long Ball Nose Hex



mm	L1 mm	L2 mm	Box	Part N°	€
1,5	90	14	10	605-01,5	1,57
2	100	15	10	605-02	2,01
2,5	112	18	10	605-02,5	1,95
3	126	20	10	605-03	2,03
4	142	25	10	605-04	2,39
5	160	28	10	605-05	2,95
6	180	32	10	605-06	4,28
7	190	34	10	605-07	5,54
8	200	36	5	605-08	6,02
10	224	40	5	605-10	7,80
12	250	45	5	605-12	12,23
14	280	55	5	605-14	14,49

**608**

Long Torx



mm	L1 mm	L2 mm	Box	Part N°	€
T06	66	16	10	608-T06	6,60
T07	71	16	10	608-T07	6,60
T08	76	16	10	608-T08	6,60
T09	80	16	10	608-T09	6,60
T10	86	17	10	608-T10	5,29
T15	90	18	10	608-T15	5,40
T20	95	19	10	608-T20	5,64
T25	100	20	10	608-T25	5,68
T27	105	21	5	608-T27	5,80
T30	114	24	5	608-T30	5,90
T40	124	26	5	608-T40	6,11
T45	137	29	5	608-T45	6,64
T50	152	32	5	608-T50	7,29
T55	171	35	5	608-T55	10,28
T60	190	38	5	608-T60	12,24

**SAE**

mm	L1 mm	L2 mm	Box	Part N°	€	
1/16"	1,60	89	13	10	605-1/16	1,48
5/64"	1,98	99	15	10	605-5/64	1,48
3/32"	2,36	110	17	10	605-3/32	1,85
1/8"	3,17	124	19	10	605-1/8	2,00
5/32"	3,97	138	23,5	10	605-5/32	2,84
3/16"	4,76	158	28	10	605-3/16	3,41
7/32"	5,56	170	29	10	605-7/32	3,29
1/4"	6,35	178	31	10	605-1/4	4,20
5/16"	7,93	196	35	10	605-5/16	6,87
3/8"	9,52	220	37	10	605-3/8	10,49
7/16"	11,11	234	38	5	605-7/16	16,01
1/2"	12,70	247	41	5	605-1/2	16,01
5/8"	15,87	316	47	5	605-5/8	40,87
3/4"	19,05	355	54	5	605-3/4	60,00

• Add "R" to the part N° to order extra long wrenches for example: 608-T06R



• Hanging unit packaging available

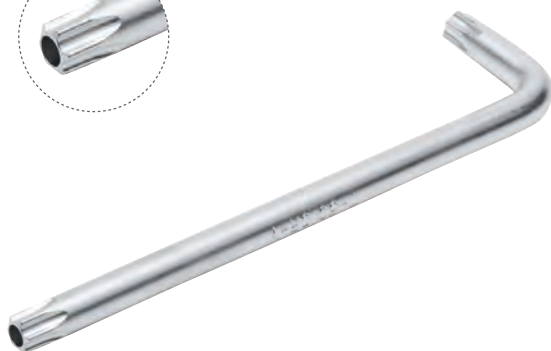
# Key Wrenches

Bulk Key Wrenches



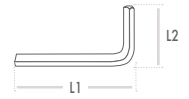
611

Long Torx Tamper



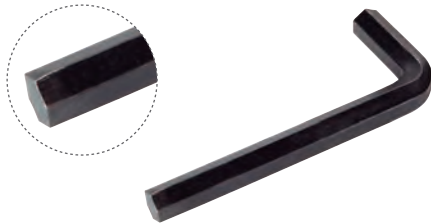
• Hanging unit packaging available

	L1 mm	L2 mm		Part N°	€
<b>TS06</b>	66	16	10	<b>611-TS06</b>	<b>8,60</b>
<b>TS07</b>	71	16	10	<b>611-TS07</b>	<b>8,60</b>
<b>TS08</b>	79	16	10	<b>611-TS08</b>	<b>8,60</b>
<b>TS09</b>	80	16	10	<b>611-TS09</b>	<b>8,60</b>
<b>TS10</b>	86	17	10	<b>611-TS10</b>	<b>6,88</b>
<b>TS15</b>	90	18	10	<b>611-TS15</b>	<b>7,02</b>
<b>TS20</b>	95	19	10	<b>611-TS20</b>	<b>7,32</b>
<b>TS25</b>	100	20	10	<b>611-TS25</b>	<b>7,39</b>
<b>TS27</b>	105	21	5	<b>611-TS27</b>	<b>7,55</b>
<b>TS30</b>	114	24	5	<b>611-TS30</b>	<b>7,66</b>
<b>TS40</b>	124	26	5	<b>611-TS40</b>	<b>7,94</b>
<b>TS45</b>	137	29	5	<b>611-TS45</b>	<b>8,63</b>
<b>TS50</b>	152	32	5	<b>611-TS50</b>	<b>9,48</b>
<b>TS55</b>	171	35	5	<b>611-TS55</b>	<b>13,37</b>
<b>TS60</b>	190	38	5	<b>611-TS60</b>	<b>15,92</b>



### 601

Short Hex



mm	L1 mm	L2 mm		Part N°	€
1,5	45	14	10	601-01,5	0,61
2	50	16	10	601-02	0,64
3	63	20	10	601-03	0,85
4	70	25	10	601-04	1,00
5	80	28	10	601-05	1,12
6	90	32	10	601-06	1,39
7	95	34	10	601-07	1,90
8	100	36	10	601-08	2,10
10	112	40	10	601-10	2,86
12	125	45	5	601-12	4,32
14	140	56	5	601-14	7,91
17	160	63	5	601-17	11,87

### 607

Extra Long Ball Nose Hex



mm	L1 mm	L2 mm		Part N°	€
1,5	90	14	10	607-01,5	1,53
2	100	15	10	607-02	1,75
2,5	112	18	10	607-02,5	1,82
3	126	20	10	607-03	1,90
4	142	25	10	607-04	2,24
5	160	28	10	607-05	2,83
6	180	32	10	607-06	4,01
8	200	36	10	607-08	5,64
10	224	40	5	607-10	7,29
12	250	45	5	607-12	12,06
14	280	55	5	607-14	14,16

### 6010

Short Hex VDE



mm	L1 mm	L2 mm		Part N°	€
3	63	20	1	6010-03	16,10
4	70	25	1	6010-04	16,88
5	80	28	1	6010-05	19,45
6	90	32	1	6010-06	20,76
8	100	36	1	6010-08	22,24
10	112	40	1	6010-10	26,30
12	125	45	1	6010-12	37,84

• DIN EN 60900



# Key Wrenches

## Key Wrench Sets



**600**

Short Hex

**9**  
Pcs



1,5•2•2,5•3•4•5•6•8•10 mm

Part N°	€
600-009	16,30

**600**

Short Hex

**9**  
Pcs



1/16•5/64•3/32•1/8•5/32•3/16•1/4•5/16•3/8"

Part N°	€
600-002	16,30



**602**

Extra Long Hex

**9**  
Pcs



1,5•2•2,5•3•4•5•6•8•10 mm

Part N°	€
602-009	24,58

**603**

Short Ball Nose hex

**9**  
Pcs



1,5•2•2,5•3•4•5•6•8•10 mm

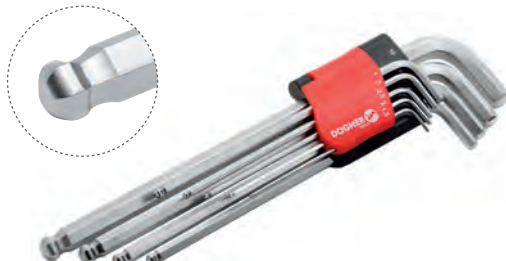
Part N°	€
603-009	21,83



**605**

Extra Long Ball Nose Hex

**9**  
Pcs



1,5•2•2,5•3•4•5•6•8•10 mm

Part N°	€
605-009	33,73

**605**

Extra Long Ball Nose Hex

**9**  
Pcs



1/16•5/64•3/32•1/8•5/32•3/16•1/4•5/16•3/8"

Part N°	€
605-002	33,31

**605**

Extra Long Ball Nose Hex

**9**  
Pcs

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



Part N°	€
605-069	40,70



**S2**



**EXP**

Part N°	€
605-069J	407,00

**10**  
Pcs



230 x 210 x 155mm

**607**

Extra Long Ball Nose Hex

**9**  
Pcs

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



Part N°	€
607-079	31,77



**OX**



**EXP**

Extra Long Ball Nose Hex

Part N°	€
607-079J	317,70

**10**  
Pcs



230 x 210 x 155mm

## Key Wrench Sets

- Thanks to the special ProFIX design the key wrench holds perfectly the screw allowing to work with only one hand.
- New ProFIX design provides a larger contact surface that enables to work even with damaged screws.

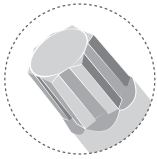


**602**

Extra Long Hex

**9**

Pcs



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

Part N°

€

**602-109**

**41,03**

**608**

Torx

**9**

Pcs



T8 • T9 • T10 • T15 • T20 • T25 • T27 • T30 • T40

Part N°

€

**608-109**

**48,49**

**605**

Extra Long Ball Nose Hex

**15**

Pcs



1,27 • 1,5 • 2 • 2,5 • 3 • 3,5 • 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 9 • 10 mm

Part N°

€

**605-089**

**54,72**



**EXP**

Counter Display  
with 5 Key Wrench Set

**5**  
Pcs



160 x 190 x 125 mm

**600**

Short Hex

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



Part N°

€

**600-009J**

**81,50**

**603**

Ball Nose Hex

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



Part N°

€

**603-009J**

**109,15**

**EXP**

Counter Display  
with 10 Key Wrench Set

**10**  
Pcs



230 x 210 x 155mm

**602**

Extra Long Hex

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



Part N°

€

**602-009J**

**245,80**

**605**

Extra Long Ball Nose Hex

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



Part N°

€

**605-009J**

**337,30**



# Key Wrenches

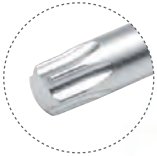
Key Wrench Sets



**606**

Short Torx

**9**  
Pcs



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

Part N°	€
606-009	32,53

**608**

Extra Long Torx

**9**  
Pcs



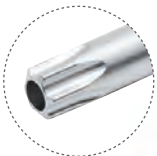
T10 • T15 • T20 • T25 • T27 • T30 • T40 • T45 • T50

Part N°	€
608-009	47,83

**609**

Short Torx Tamper

**9**  
Pcs



TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50

Part N°	€
609-009	39,50

**611**

Extra Long Torx Tamper

**9**  
Pcs



TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50

Part N°	€
611-009	55,86

**600**

Short Hex

**7**  
Pcs



1,5•2•2,5•3•4•5•6 mm

Part N°	€
600-007	9,33

**603**

Short Ball Nose hex

**7**  
Pcs



1,5•2•2,5•3•4•5•6 mm

Part N°	€
603-007	10,70

**606**

Short Torx

**7**  
Pcs



T10•T15•T20•T25•T27•T30•T40

Part N°	€
606-007	16,21

**609**

Short Torx Tamper

**7**  
Pcs



TS10•TS15•TS20•TS25•TS27•TS30•TS40

Part N°	€
609-007	20,38

# Key Wrenches

## Ring type Key Wrench Sets



**600**

Short Hex

**7**  
Pcs



2 • 2,5 • 3 • 4 • 5 • 6 • 8 mm

Part N°	€
600-027	11,31

**600**

Short Hex

**9**  
Pcs



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

Part N°	€
600-029	14,82

## Bucket Type Key Wrench Sets

**602**

Extra Long Hex

**7**  
Pcs



1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 mm

Part N°	€
602-037	20,60

**605**

Extra Long Ball Nose Hex

**7**  
Pcs



1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 mm

Part N°	€
605-037	22,67

**600**

Short Hex

**8**  
Pcs



1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8 mm

Part N°	€
600-018	20,53

**603**

Short Ball Nose Hex

**8**  
Pcs



1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8 mm

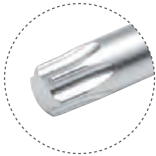
Part N°	€
603-018	26,63*

\* Until end of stock

**606**

Short Torx

**8**  
Pcs



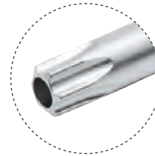
T9 • T10 • T15 • T20 • T25 • T27 • T30 • T40

Part N°	€
606-018	31,62

**609**

Short Torx Tamper

**8**  
Pcs



TS9 • TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40

Part N°	€
609-018	34,43



# Key Wrenches

Counter Display Key Wrench Folding Sets



**EXP**

Counter Display with 12  
Key Wrench Folding Sets

**12**  
Pcs



230 x 210 x 155 mm

**600**

Hex

1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8 mm



Part N°	€
600-018J	246,36

**603**

Ball Nose Hex

1,5 • 2 • 2,5 • 3 • 4 • 5 • 6 • 8 mm



Part N°	€
603-018J	319,56 *

\* Until end of stock

**606**

Torx

T9 • T10 • T15 • T20 • T25 • T27 • T30 • T40

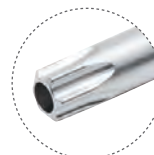


Part N°	€
606-018J	379,44

**609**

Torx Tamper

TS9 • TS10 • TS15 • TS20  
TS25 • TS27 • TS30 • TS40



Part N°	€
609-018J	413,16

**617**

Hex



mm	L1 mm	Part N°	€
1,5	80	617-01,5	8,89
2	90	617-02	8,89
2,5	100	617-02,5	9,05
3	115	617-03	9,17
4	120	617-04	10,97
5	140	617-05	11,91
6	160	617-06	12,69
7	170	617-07	17,33
8	175	617-08	16,19
9	185	617-09	18,33
10	200	617-10	18,62
12	225	617-12	35,23

**618**

Ball Nose Hex



mm	L1 mm	Part N°	€
1,5	80	618-01,5	8,89
2	90	618-02	8,89
2,5	100	618-02,5	9,05
3	115	618-03	9,17
4	120	618-04	10,97
5	140	618-05	11,91
6	160	618-06	12,69
7	170	618-07	17,33
8	175	618-08	16,19
9	185	618-09	18,33
10	200	618-10	19,67
12	225	618-12	35,23

## SAE

mm	L1 mm	Part N°	€
3/32	100	6117-3/32	13,10
7/64	115	6117-7/64	13,10
1/8	115	6117-1/8	13,10
9/64	120	6117-9/64	13,33
5/32	120	6117-5/32	13,51
3/16	140	6117-3/16	16,15
7/32	150	6117-7/32	17,55
1/4	160	6117-1/4	18,68
5/16	175	6117-5/16	22,37
3/8	200	6117-3/8	24,54

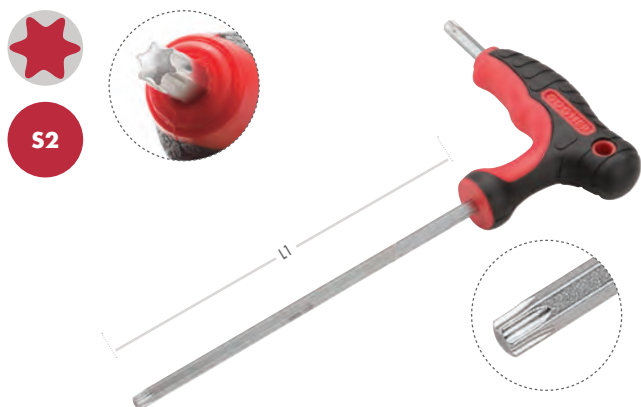
# Key Wrenches


T-Handles



619

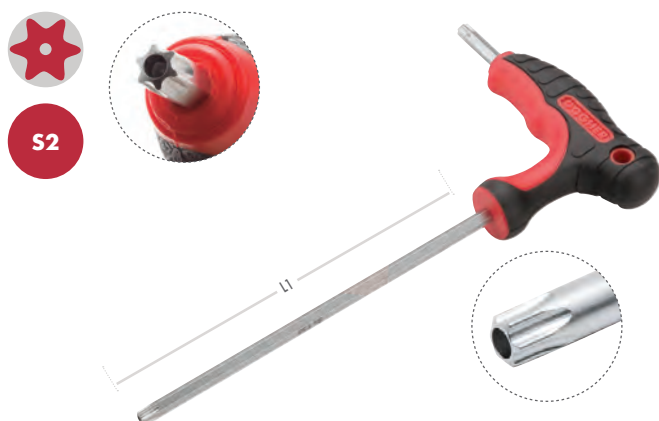
Torx




 mm	L1 mm	Part N°	€
<b>T9</b>	90	<b>619-T09</b>	<b>9,49</b>
<b>T10</b>	100	<b>619-T10</b>	<b>9,49</b>
<b>T15</b>	115	<b>619-T15</b>	<b>9,58</b>
<b>T20</b>	120	<b>619-T20</b>	<b>9,82</b>
<b>T25</b>	130	<b>619-T25</b>	<b>11,64</b>
<b>T27</b>	140	<b>619-T27</b>	<b>11,94</b>
<b>T30</b>	150	<b>619-T30</b>	<b>11,96</b>
<b>T40</b>	160	<b>619-T40</b>	<b>12,67</b>
<b>T45</b>	175	<b>619-T45</b>	<b>13,51</b>
<b>T50</b>	200	<b>619-T50</b>	<b>21,82</b>
<b>T55</b>	225	<b>619-T55</b>	<b>27,25</b>

620

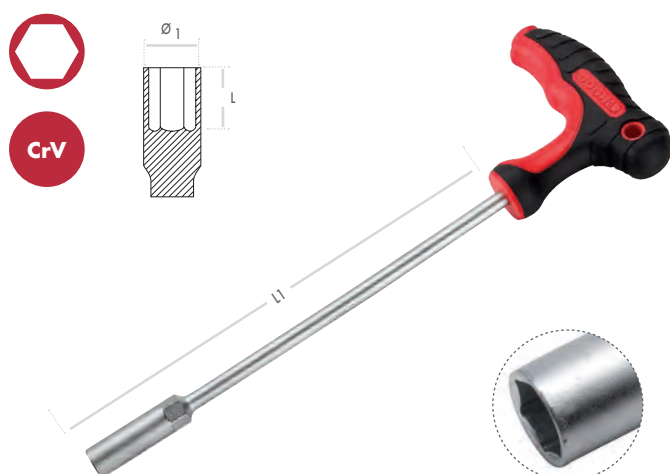
Torx Tamper




 mm	L1 mm	Part N°	€
<b>TS9</b>	90	<b>620-TS09</b>	<b>9,04</b>
<b>TS10</b>	100	<b>620-TS10</b>	<b>9,83</b>
<b>TS15</b>	115	<b>620-TS15</b>	<b>10,07</b>
<b>TS20</b>	120	<b>620-TS20</b>	<b>10,18</b>
<b>TS25</b>	130	<b>620-TS25</b>	<b>12,07</b>
<b>TS27</b>	140	<b>620-TS27</b>	<b>12,36</b>
<b>TS30</b>	150	<b>620-TS30</b>	<b>12,39</b>
<b>TS40</b>	160	<b>620-TS40</b>	<b>13,12</b>
<b>TS45</b>	175	<b>620-TS45</b>	<b>14,00</b>
<b>TS50</b>	200	<b>620-TS50</b>	<b>22,61</b>
<b>TS55</b>	225	<b>620-TS55</b>	<b>28,23</b>

621

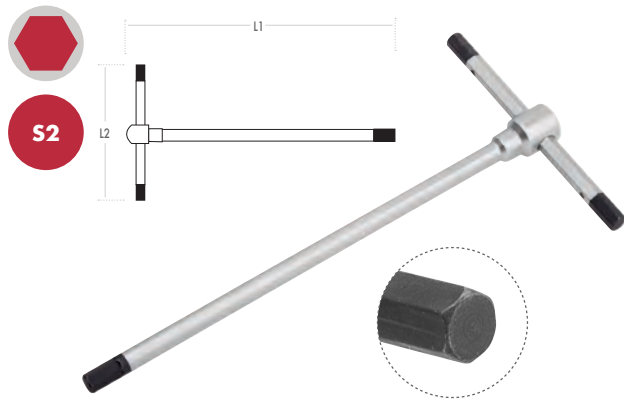
Nut Driver



 mm	L1 mm	L mm	Ø1 mm	Part N°	€
<b>4</b>	230	7	8	<b>621-04</b>	<b>13,32</b>
<b>5</b>	230	9	10	<b>621-05</b>	<b>13,32</b>
<b>5,5</b>	230	9	10	<b>621-05,5</b>	<b>13,32</b>
<b>6</b>	230	9	11	<b>621-06</b>	<b>13,32</b>
<b>7</b>	230	14	12	<b>621-07</b>	<b>13,32</b>
<b>8</b>	230	12	13	<b>621-08</b>	<b>13,78</b>
<b>9</b>	230	14	14	<b>621-09</b>	<b>13,78</b>
<b>10</b>	230	14	14	<b>621-10</b>	<b>15,39</b>
<b>11</b>	230	14	16	<b>621-11</b>	<b>15,39</b>
<b>12</b>	230	14	17	<b>621-12</b>	<b>16,99</b>
<b>13</b>	230	15	18	<b>621-13</b>	<b>16,99</b>
<b>14</b>	230	16	19	<b>621-14</b>	<b>18,14</b>

**623**

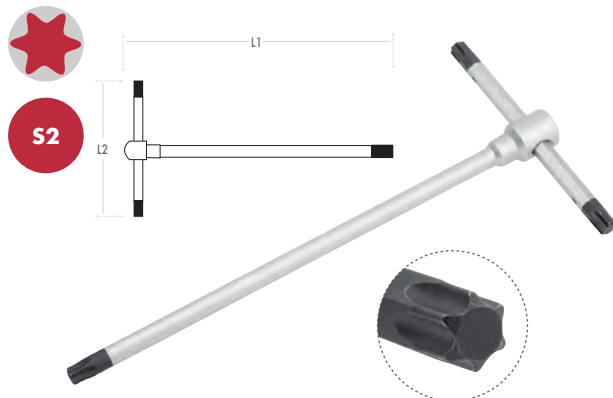
3 Way T-Type Sliding Hex Key Wrench



mm	L1 mm	L2 mm	Part N°	€
<b>2</b>	125	65	<b>623-02</b>	<b>20,72</b>
<b>2,5</b>	125	65	<b>623-02,5</b>	<b>20,72</b>
<b>3</b>	125	65	<b>623-03</b>	<b>20,72</b>
<b>4</b>	180	90	<b>623-04</b>	<b>22,02</b>
<b>5</b>	180	90	<b>623-05</b>	<b>24,48</b>
<b>6</b>	210	105	<b>623-06</b>	<b>28,89</b>
<b>8</b>	250	125	<b>623-08</b>	<b>30,83</b>
<b>10</b>	300	145	<b>623-10</b>	<b>37,56</b>
<b>12</b>	320	165	<b>623-12</b>	<b>45,99</b>
<b>14</b>	340	170	<b>623-14</b>	<b>57,00</b>

**623**

3 Way T-Type Sliding Torx Key Wrench



mm	L1 mm	L2 mm	Part N°	€
<b>T10</b>	125	65	<b>623-T10</b>	<b>24,38</b>
<b>T15</b>	125	65	<b>623-T15</b>	<b>24,38</b>
<b>T20</b>	125	65	<b>623-T20</b>	<b>24,38</b>
<b>T25</b>	180	90	<b>623-T25</b>	<b>29,87</b>
<b>T27</b>	180	90	<b>623-T27</b>	<b>29,87</b>
<b>T30</b>	180	90	<b>623-T30</b>	<b>29,87</b>
<b>T40</b>	210	105	<b>623-T40</b>	<b>32,77</b>
<b>T45</b>	250	125	<b>623-T45</b>	<b>38,25</b>
<b>T50</b>	250	125	<b>623-T50</b>	<b>38,25</b>
<b>T55</b>	300	145	<b>623-T55</b>	<b>42,06</b>
<b>T60</b>	320	165	<b>623-T60</b>	<b>51,82</b>



# Key Wrenches

Eva Foam Trays



## 617 Hex

10 Pcs



1/2 (375 x 280 X 30 mm)

2 • 2,5 • 3 • 4 • 5 • 6 • 7 • 8 • 10 • 12

Part N°	€
617-080	170,05

## 618 Ball Nose Hex

10 Pcs



1/2 (375 x 280 X 30 mm)

2 • 2,5 • 3 • 4 • 5 • 6 • 7 • 8 • 10 • 12

Part N°	€
618-080	171,10

## 620 Torx Tamper

10 Pcs

S2



1/2 (375 x 280 X 30 mm)

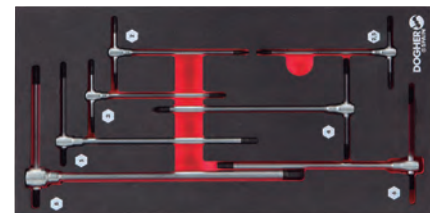
TS9 • TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50

Part N°	€
620-080	145,67

## 623 3 Way T-Type Sliding Hex Key Wrench

7 Pcs

S2



1/3 (375 x 188 X 30 mm)



2 • 2,5 • 3 • 4 • 5 • 6 • 8

Part N°	€
623-080	180,88

Get Extended Information about Storage and EVA Foam Trays in Pages:

20 - 35

**617**

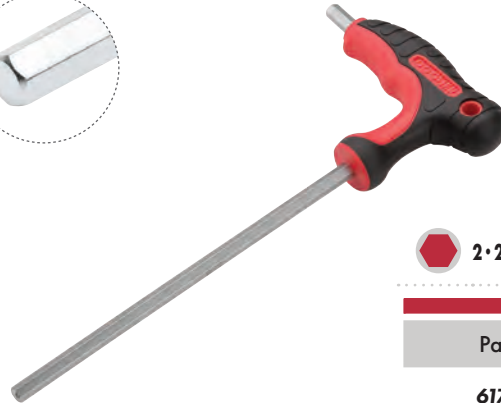
Hex


**8**

Pcs



215 x 50 x 270 mm



 2 • 2,5 • 3 • 4 • 5 • 6 • 8 • 10 mm

Part N°	€
617-001	105,74

**618**

Ball Nose Hex


**8**

Pcs



215 x 50 x 270 mm



 2 • 2,5 • 3 • 4 • 5 • 6 • 8 • 10 mm

Part N°	€
618-001	106,79

**618**

Ball Nose Hex


**9**

Pcs



215 x 50 x 270 mm



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

Part N°	€
618-050	115,68

# Key Wrenches

T-Handle Displays



619

Torx

9

Pcs



215 x 50 x 270 mm



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

Part N°

€

619-001

120,68

620

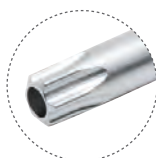
Torx Tamper

9

Pcs



215 x 50 x 270 mm



TS10 • TS15 • TS20 • TS25 • TS27 • TS30 • TS40 • TS45 • TS50

Part N°

€

620-001

124,88

621

Nut Driver

6

Pcs



180 x 50 x 270 mm



6 • 8 • 10 • 12 • 13 • 14 mm

Part N°

€

621-001

102,86





**DOGHER**  
 TOOLS  
*Making Solutions*



3% **Prof**  348

4% **Std**  350

9 x 12 mm  352

14 x 18 mm  353

4%  354

3%  354

5%  355

1/4"  1/4"  357

  357

# Torque Wrenches

# 625



# Torque Wrenches

## Prof Professional Series



Instructions Manual & Certificate Included



**625**

Professional Torque Wrench

±3%



1/4"



N*m		L mm		Accur.	in-lb	Part N°	€
1,5~6	0,05	210	1/4"	±3%	-	625-01-06	241,14
2~10	0,1	280	1/4"	±3%	22,1-84,1	625-02-10	256,95
10~50	0,25	330	1/4"	±3%	99,6-431,5	625-10-50	268,43

**626**

Professional Torque Wrench

±3%



3/8"



N*m		L mm		Accur.	ft-lb	Part N°	€
10~60	0,5	340	3/8"	±3%	9,2-42,4	626-10-60	283,13
20~100	0,5	435	3/8"	±3%	16,6-71,9	626-20-100	292,94

**626**

Torque Wrench Spare Parts



N*m	Part N°	€
20~100	626-20R	57,45

**627**

Professional Torque Wrench

±3%



1/2"



N*m		L mm		Accur.	ft-lb	Part N°	€
20~100	0,5	435	1/2"	±3%	-	627-20-100	310,29
40~200	1,0	515	1/2"	±3%	33,2-143,8	627-40-210	317,00
80~400	2,0	615	1/2"	±3%	66,4-287,8	627-70-350	365,16

**627**

Torque Wrench Spare Parts



N*m	Part N°	€
20~100	627-20R	54,52
40~200	627-40R	58,02
80~400	627-70R	71,59

**NOTICE**

Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction





Instructions Manual & Certificate Included



**628**

Professional Torque Wrench

±3%



3/4"



N*m	mm	L mm	□	Accur.	ft-lb	Part N°	€
100~600	5,0	1050	3/4"	±3%	92-424	628-100-500	1.109,41
150~800	5,0	1250	3/4"	±3%	129-572	628-140-700	1.309,88
200~1000	5,0	1250	3/4"	±3%	166-719	628-200-1000	1.565,41

**628**

Torque Wrench Spare Parts



N*m	Part N°	€
100~600	628-100R	143,21
150~800	628-140R	153,93
200~1000	628-200R	169,81

**629**

Professional Torque Wrench

±3%



1"



N*m	mm	L mm	□	Accur.	ft-lb	Part N°	€
150~800	5,0	1250	1"	±3%	129-572	629-150-800	1.424,03
300~1500	10,0	1850	1"	±3%	258-1070	629-300-1500	2.779,30
400~2000	20,0	2300	1"	±3%	369-1402	629-400-2000	4.515,84
500~2500	20,0	2750	1"	±3%	443-1771	629-500-2500	4.926,40

**629**

Torque Wrench Spare Parts



N*m	Part N°	€
150~800	629-150R	162,76
300~1500	629-300R	301,48
400~2000	629-400R	516,10
500~2500	629-500R	563,03

NOTICE

Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction



# Torque Wrenches

**Std** Std Series



Instructions Manual & Certificate Included

**630**

Std Torque Wrench

±4%



1/4"



N*m		L mm		Accur.	in-lb	Part N°	€
5~25	0,2	280	1/4"	±4%	44,3-221,3	630-05-25	180,93

**630**

Torque Wrench Spare Parts



N*m	Part N°	€
5~25	630-05R	34,46

**631**

Std Torque Wrench

±4%



3/8"



N*m		L mm		Accur.	in-lb	Part N°	€
5~25	0,2	280	3/8"	±4%	44,3-221,3	631-05-25	215,54

N*m		L mm		Accur.	ft-lb	Part N°	€
20~110	1,0	370	3/8"	±4%	14,8-81,1	631-19-110	239,59

**631**

Torque Wrench Spare Parts



N*m	Part N°	€
5~25	631-05R	41,05
20~110	631-19R	45,64

**NOTICE**

Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction





Instructions Manual & Certificate Included

## 632

### Std Torque Wrench

±4%



1/2"



ft-lb		L mm		Accur.	N*m	Part N°	€
<b>14~203</b>	1,0	450	1/2"	±4%	10-150	<b>632-14-203</b>	<b>255,55*</b>

N*m		L mm		Accur.	ft-lb	Part N°	€
<b>42~210</b>	1,0	450	1/2"	±4%	31-154,9	<b>632-42-210</b>	<b>288,67</b>
<b>70~340</b>	3,0	570	1/2"	±4%	36,9-258,1	<b>632-70-350</b>	<b>353,30</b>

## 632

### Torque Wrench Spare Parts



N*m	Part N°	€
<b>14~203</b>	<b>632-14R</b>	<b>48,68</b>
<b>42~210</b>	<b>632-42R</b>	<b>49,27</b>
<b>50~350</b>	<b>632-70R</b>	<b>65,53</b>

## 633

### Std Torque Wrench

±4%



3/4"



N*m		L mm		Accur.	kg-M	Part N°	€
<b>90~450</b>	1,0	850	3/4"	±4%	6,6-45,9	<b>633-65-450</b>	<b>683,05</b>

N*m		L mm		Accur.	ft-lb	Part N°	€
<b>140~700</b>	2,5	1065	3/4"	±4%	103,3-464,7	<b>633-140-700</b>	<b>1.037,07</b>
<b>140~980</b>	3,5	1215	3/4"	±4%	103,3-722,8	<b>633-140-980</b>	<b>1.180,11</b>

## 634

### Std Torque Wrench

±4%



1"



N*m		L mm		Accur.	ft-lb	Part N°	€
<b>140~980</b>	3,5	1215	1"	±4%	103,3-722,8	<b>634-140-980</b>	<b>1.360,08</b>

**NOTICE**

Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction





# Torque Wrenches

Interchangeable & Spare Heads



636

Interchangeable head Torque Wrench



Instructions Manual & Certificate Included

±3%

9x12 mm



N*m	L mm	Accur.	in-lb	Part N°	€
4~20	0,1 315	±3%	39,8-172,6	636-04-20	264,31

N*m	L mm	Accur.	ft-lb	Part N°	€
20~100	0,5 430	±3%	16,6-71,9	636-20-100	285,97

636

Open Ended Insert Tool



CrV

9x12 mm



mm	Part N°	€
7	636-07	33,61
8	636-08	33,61
9	636-09	33,61
10	636-10	33,61
11	636-11	33,61
12	636-12	33,61
13	636-13	33,61
14	636-14	33,61
15	636-15	33,61
16	636-16	33,61
17	636-17	33,61
18	636-18	33,61
19	636-19	33,61
21	636-21	38,44
22	636-22	41,80
24	636-24	44,39
27	636-27	47,12
30	636-30	50,53
32	636-32	53,46
36	636-36	71,74

636

Ring Torque Insert Tool



CrV

9x12 mm



mm	Part N°	€
7	636-07X	35,32
8	636-08X	35,32
9	636-09X	35,32
10	636-10X	35,32
11	636-11X	35,32
12	636-12X	35,32
13	636-13X	35,32
14	636-14X	35,32
15	636-15X	35,32
16	636-16X	35,32
17	636-17X	35,32
18	636-18X	35,32
19	636-19X	35,32
21	636-21X	40,26
22	636-22X	41,82

636

Increasing Adaptor

9x12 mm

14x18 mm



Part N°	€
636-001	42,80

636

Torque Ratchet Head

9x12 mm



Part N°	€
636-1/4	41,16
636-3/8	51,05
636-1/2	63,04

**637**

Interchangeable head Torque Wrench



Instructions Manual & Certificate Included

±3%

14x18 mm



N* m	L mm	Accur.	ft-lb	Part N°	€
40~200	1,0	485	14x18 ±3%	33,2-143,8	<b>637-40-200</b> 327,97
60~340	2,0	585	14x18 ±3%	51,6-243,4	<b>637-60-340</b> 359,09

**637**

Open Ended Insert Tool



CrV

14x18 mm



mm	Part N°	€
13	637-13	43,25
14	637-14	43,25
15	637-15	43,25
16	637-16	43,25
17	637-17	43,25
18	637-18	43,25
19	637-19	43,25
21	637-21	43,25
22	637-22	43,25
23	637-23	43,25
24	637-24	43,25
25	637-25	43,25
26	637-26	48,45
27	637-27	48,45
30	637-30	48,45
32	637-32	48,45
34	637-34	53,00
36	637-36	53,00
38	637-38	55,65
40	637-40	55,65
41	637-41	55,65
46	637-46	139,41
48	637-48	139,41
50	637-50	139,41
70	637-70	267,47

**637**

Ring Torque Insert Tool



CrV

14x18 mm



mm	Part N°	€
13	637-13X	43,25
14	637-14X	43,25
15	637-15X	43,25
16	637-16X	43,25
17	637-17X	43,25
18	637-18X	43,25
19	637-19X	43,25
21	637-21X	43,25
22	637-22X	43,25
24	637-24X	43,25
27	637-27X	48,45
30	637-30X	49,41
32	637-32X	49,41
34	637-34X	54,05
36	637-36X	54,05
41	637-41X	54,05

**637**

Reducing Adaptor

14x18 mm

9x12 mm



Part N°	€
637-001	34,55

**637**

Torque Ratchet Head

14x18 mm



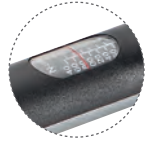
Part N°	€
637-3/8	54,63
637-1/2	63,02

# Torque Wrenches

**Prof** Professional Series



Instructions Manual & Certificate Included



**638**

Professional Torque Wrench

±4%

1/4"



N*m	mm	L mm	□	Accur.	Part N°	€
4~20	0,1	374	1/4"	±4%	638-04-20	240,69

**638**

Professional Torque Wrench

±4%

3/8"



N*m	mm	L mm	□	Accur.	Part N°	€
20~100	0,5	478	3/8"	±4%	638-20-100	255,50

**638**

Professional Torque Wrench

±4%

1/2"



N*m	mm	L mm	□	Accur.	Part N°	€
40~210	1,0	562	1/2"	±4%	638-40-210	288,01
60~360	1,0	630	1/2"	±4%	638-60-360	323,63



NOTICE

Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction

**635**

Flexible Torque Wrench

±3%



N*m	mm	L mm	□	Accur.	Part N°	€
20~100	0,5	465	3/8"	±3%	635-20-100	294,35*



NOTICE

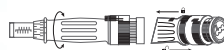
Never use a torque wrench to loose bolts or nuts • Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction

**640**

Interchangeable Torque Wrenches Set

**11**  
Pcs

3%



40-200 Nm



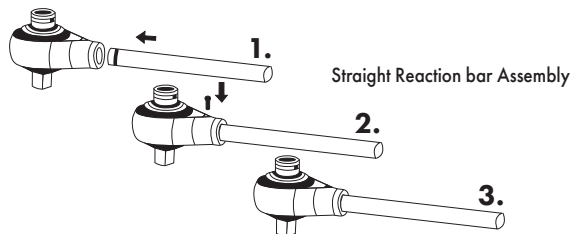
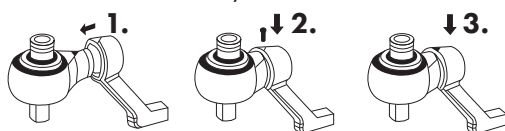
1/2"



13 • 14 • 15 • 17 • 19 • 22 • 24 • 27 • 30 mm

N*m	L mm	□	Accur.	Part N°	€
40~200	510	14x18	3%	640-001	712,43

Cranked Reaction bar Assembly



**645**

Torque Multiplier in Carrying Case

±5%

- Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
1/2"	3/4"	±5 %	1 : 5	300	1500	6500	645-001	1.099,45

**645**

Torque Multiplier in Carrying Case

±5%

- Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
3/4"	1"	±5 %	1 : 5	540	2700	6500	645-002	1.205,59



# Torque Wrenches

## Torque Multiplier in Carrying Sets



645

### Torque Multiplier in Carrying Case

±5%

- Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
1/2"	1"	±5 %	1 : 5	300	1500	6500	645-006	1.205,69

645

### Special Torque Multiplier for Truck Wheel Nuts Case

±5%

- Includes 32mm and 33mm sockets, Handle and Extension bar



- The Cranked Reaction bar is Integrated in the Body of the Tool
- This torque multiplier can be used only to loosen bolts or nuts specially from trucks and industrial vehicles

IN	OUT	Accur.	Ratio	OUT (Max) Nm	Part N°	€
1"	1"	±5 %	1 : 56	3200	645-003	743,00

**642** Torque Screwdriver  
Square Drive



□	□	L mm	N*m	Accur.	Part N°	€
1/4"	0,02	135	0,4-2,6	±6%	642-0,4-2	257,77

**643** Torque Screwdriver  
Bit Holder



□	□	L mm	N*m	Accur.	Part N°	€
1/4"	0,01	180	0,1~1,2	±6%	643-0,1-1,2	257,77
1/4"	0,02	135	0,4-2,6	±6%	643-0,4-2	257,77*
1/4"	0,05	195	1~3,5	±6%	643-1-3,5	257,77

\* Until end of stock

## Professional Torque Angle Gauge

**646** Professional Torque Angle Gauge with Flexible Arm



• Metal Spring Clamp with metal flexible arm

IN □	OUT □	Part N°	€
1/2"	1/2"	646-001	100,17

**646** Professional Torque Angle Gauge



IN □	OUT □	Part N°	€
1/2"	1/2"	646-002	45,44

# Torque Wrenches

## Conversion Table



• Important advices:

1. Once you've used the torque wrench, leave it in the lowest **TORQUE (0 N \* M)**. Otherwise work piece may get damaged and the torque wrench out of order. Warranty won't apply in this case.
2. After the first using or being left unused for a long period and it is required to use again, make sure to use lower torque to operate for 5-10 times so that the components within may be fully lubricated by the special-purpose lubricant oil.

• Operational Instructions of Torque Wrench:

1. Before operating this torque wrench please study carefully the following instructions.
2. The user is strongly advised to always wear eye protection during operation for safety precaution.
3. Do not apply exceeding limited maximum torque tolerances as indicated.  
Do not attempt to alter any components inside the product as it will most likely result in loss of original accuracy. The torque wrench is lubricated for good, hence no need to lubricate under any circumstances and should not be oiled.
5. This torque wrench should be considered as precision measuring instrument; therefore, it should be always stored in the blow mould case provided. Regular maintenance is strongly recommended. Never throw it around recklessly, hammer with it as such behaviors will certainly damage the product.
6. Do not attempt to use any extension on the handle to apply torque.
7. This Torque Wrench is designed for tightening threaded fasteners manually only. Do not use it as a nut-breaker or for any other applications.  
The user is suggested to learn the different amounts of torque, so to avoid the possibility of damaging the products or injury oneself resulted from accidentally applying exceeding force on the product.
- 8.

• WARRANTY :

It won't apply any warranty in case the torque wrench has been modified by the user.  
We'll need complete explanations about the use of the torque wrench before accepting the tool to be sent back.

ft. lbs	kgm or mkp	Nm	Nm	ft. lbs	kgm or mkp
5	0.69	6.78	10	7.38	1.02
10	1.38	13.56	20	14.75	2.04
15	2.07	20.34	30	22.13	3.06
20	2.76	27.12	40	29.50	4.08
25	3.46	33.90	50	36.88	5.10
30	4.15	40.68	60	44.26	6.12
35	4.84	47.46	70	51.63	7.14
40	5.53	54.24	80	59.01	8.16
45	6.22	61.02	90	66.38	9.18
50	6.91	67.80	100	73.76	10.20
55	7.60	74.58	110	81.14	11.22
60	8.29	81.36	120	88.51	12.24
65	8.98	88.14	130	95.89	13.26
70	9.67	94.92	140	103.26	14.28
75	10.37	101.70	150	110.64	15.30
80	11.06	108.48	160	118.02	16.32
85	11.75	115.26	170	125.39	17.34
90	12.44	122.04	180	132.77	18.36
95	13.13	128.82	190	140.14	19.38
100	13.82	135.60	200	147.52	20.40
105	14.51	142.38	210	154.90	21.42
110	15.20	149.16	220	162.27	22.44
115	15.89	155.94	230	169.65	23.46
120	16.58	162.72	240	177.02	24.48
125	17.28	169.50	250	184.40	25.50
130	17.97	176.28	260	191.78	26.52
135	18.66	183.06	270	199.15	27.54
140	19.35	189.84	280	206.53	28.56
145	20.04	196.62	290	213.91	29.58
150	20.73	203.40	300	221.29	30.60
155	21.42	210.18	310	228.67	31.62
160	22.11	216.96	320	236.05	32.64
165	22.80	223.74	330	243.43	33.66
170	23.49	230.52	340	250.81	34.68
175	24.19	237.30	350	258.19	35.70
180	24.88	244.08	360	265.57	36.72
185	25.57	250.86	370	272.95	37.74
190	26.26	257.64	380	280.33	38.76
195	26.95	264.42	390	287.71	39.78
200	27.64	271.20	400	295.09	40.80
205	28.33	277.98	410	302.47	41.82
210	29.02	284.76			
215	29.71	291.54			
220	30.40	298.32			
225	31.09	305.10			
230	31.78	311.88			
235	32.47	318.66			
240	33.16	325.44			
245	33.85	332.22			
250	34.54	339			
260	35.88	352.56			
270	37.22	366.12			
280	38.56	379.68			
290	39.90	393.24			
300	41.24	406.80			

\*1 ft. lbs = 1,36 Nm

\*1 kgm or mkp = 9,8 Nm



360



362



364



364



365



366



367



367



367

**Plumbing**  
**650**



# Plumbing

## Spanish Type Pipe Wrenches

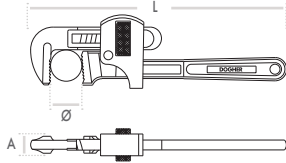


**650**

### Professional Spanish Type Pipe Wrench

CrV

60HRc



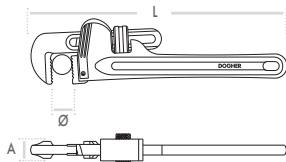
L mm	L "	Ø mm	Ø "	A mm	Part N°	€
200	8	25	1	11	650-200	27,21
250	10	35	1.3/8	15	650-250	36,08
300	12	44	1.3/4	17	650-300	41,52
350	14	50	2	19	650-350	45,88
450	18	60	2.3/8	23	650-450	62,02
600	24	76	3	26	650-600	100,92
900	36	102	4	30	650-900	207,54

**655**

### Professional Aluminium Pipe Wrench

CrV

60HRc



L mm	L "	Ø mm	Ø "	A mm	Part N°	€
250	10	49	2	17	655-250	49,89
350	14	60	2.3/8	21	655-350	66,48
450	18	76	3	26	655-450	95,05
600	24	89	3.1/2	28	655-600	140,89
900	36	140	5.1/2	32	655-900	280,81
1210	48	168	6	36	655-1210	453,85

**651**

Spare moving Jaw

CrV

Suitable for  
650



L mm	L "	Part N°	€
200	8	651-200	12,88
250	10	651-250	18,21
300	12	651-300	19,84
350	14	651-350	20,99
450	18	651-450	27,46
600	24	651-600	43,24
900	36	651-900	72,49

**652**

Spare Nut

CrV

Suitable for  
650



L mm	L "	Part N°	€
200	8	652-200	9,04
250	10	652-250	9,58
300	12	652-300	9,59
350	14	652-350	9,95
450	18	652-450	10,46
600	24	652-600	15,04
900	36	652-900	25,58

**656**

Spare moving Jaw

CrV

Suitable for  
655



L mm	L "	Part N°	€
250	10	656-250	17,72
350	14	656-350	27,17
450	18	656-450	30,21
600	24	656-600	47,57
900	36	656-900	93,81

**658**

Spare Nut

CrV

Suitable for  
655



L mm	L "	Part N°	€
250	10	658-250	9,58
350	14	658-350	9,95
450	18	658-450	10,46
600	24	658-600	15,04
900	36	658-900	25,58

**657**

Spare fixed Jaw

CrV

Suitable for  
655



L mm	L "	Part N°	€
250	10	657-250	15,60
350	14	657-350	17,11
450	18	657-450	20,38
600	24	657-600	28,55
900	36	657-900	33,77

# Plumbing

## Spanish Type Pipe Wrenches



**654**

Professional 90° Degree Pipe Wrench

CrV

60HRc



L mm	L "	Ø mm	Ø "	A mm	Part N°	€
350	14	60	2	22	654-350	69,97
450	18	76	2.1/2	25	654-450	104,46

**654M**

Spare moving Jaw

CrV

Suitable for  
654



L mm	L "	Part N°	€
350	14	654M-350	18,91
450	18	654M-450	21,22

**654F**

Spare Fixed Jaw

CrV

Suitable for  
654



L mm	L "	Part N°	€
350	14	654F-350	11,84
450	18	654F-450	15,44

**655**

Professional Flexible Pipe Wrench

CrV

60HRc



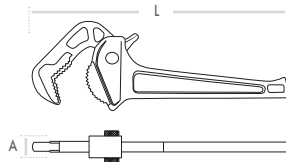
L mm	L "	Ø mm	Ø "	A mm	Part N°	€
250	10	49	3/8-1.1/2	17	655-001	86,35

**672**

Professional Hawk Type Pipe Wrench

Cr-V

60HRc



L mm	L "	Ø mm	Ø "	A mm	Part N°	€
200	8	6-19	1/4-3/4	14	672-200	45,23*
250	10	10-25	3/8-1	17	672-250	53,19*
450	18	25-51	1-2	28	672-450	133,66*

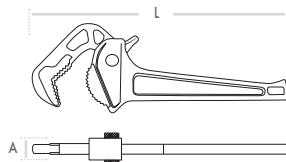
\* Until end of stock

**673**

Professional Aluminium Hawk Pipe Wrench

Cr-V

60HRc



L mm	L "	Ø mm	Ø "	A mm	Part N°	€
250	10	10-25	3/8-1	17	673-250	68,65*
300	12	13-32	1/2-1.1/4	20	673-300	83,02*
350	14	13-38	1/2-1.1/2	24	673-350	89,93*

\* Until end of stock



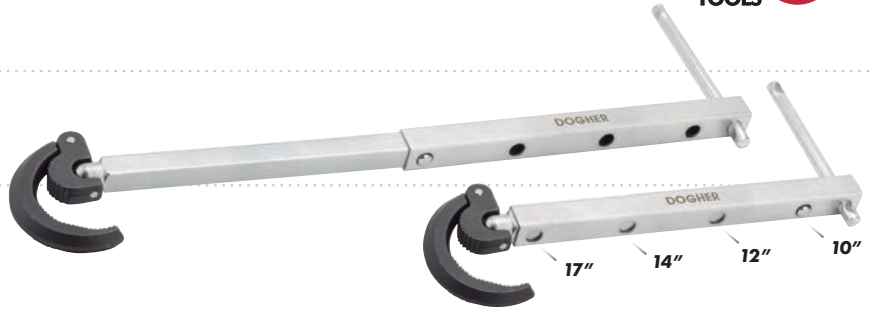
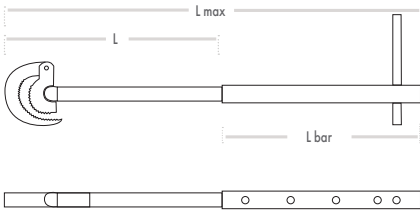
# Plumbing

Basin, Radiator Step & Pipe Wrenches / Reversible Square Drive Ratchet



**673**

Basin Wrench



mm	L mm	L max	L bar	A mm	Part N°	€
25-50	240	460	230	15	673-002	53,30*

\* Until end of stock

**660**

Professional S Type Bent Nose Pipe Wrench



L mm	Ø mm	Ø"	Part N°	€
320	45	1	660-320	36,05
425	60	1. 1/2	660-425	47,91
550	75	2	660-550	76,16
630	120	3	660-630	112,14

**661**

Professional 90 Degree Straight Nose Pipe Wrench



L mm	Ø mm	Ø"	Part N°	€
320	45	1	661-320	35,88
425	60	1. 1/2	661-425	47,70
550	70	2	661-550	75,83
630	110	3	661-630	111,65

**544**

Reversible Square Drive Ratchet



L mm	Part N°	€
260	544-011	101,82

**554**

Reversible Square Drive Ratchet

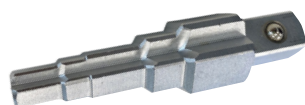


L mm	Part N°	€
510	554-011	211,99*

\* Until end of stock

**544**

Radiator Step Wrench



- 9,5 · 11 · 12,7 · 16 · 21 mm
- 3/8" · 7/16" · 1/2" · 5/8" · 13/16"

L mm	Part N°	€
90	544-022	19,93

### 662 Professional Chain Pipe Wrench

CrV



L mm	Ø mm	Part N°	€
300	90	662-001	53,42

### 662 Spare Chain

Suitable for  
662-001



L mm	Part N°	€
300	662-001R	20,05

### 662 Professional Belt Pipe Wrench

CrV



L mm	Ø mm	Ø "	Part N°	€
300	75	3"	662-002	49,93
300	200	8"	662-003	63,32

### 662 Spare Belt

Suitable for  
662-002 / 662-003



L mm	Part N°	€
450	662-002R	19,08
1.040	662-003R	23,99

### 662 Multipurpose Tube Bender

• For 6-8-10 mm Tubes

Part N°	€
662-020	42,36



# Plumbing

## Tube Cutter



665

Multilayer and Plastic Tube Cutter



Position 1 **Ø27 mm**

Position 2 **Ø45 mm**



Ø mm	Part N°	€
<b>0~45</b>	<b>665-45</b>	<b>73,48</b>

- To cut polyethylene, Ppr, multilayer.....
- Cutting capacity selection pin (27 a 45 mm)
- Forged and tempered Steel Blade.

667

PVC Pipe Cutter Manual Return



Ø mm	Part N°	€
<b>0~36</b>	<b>667-36</b>	<b>39,10</b>

675

Zip Action Tube Cutter



Ø mm	Part N°	€
<b>3~28</b>	<b>675-03-28</b>	<b>30,79</b>

\* See HSS Blades in page 368.

• Includes Spare Blade

675

Zip Action Tube Cutter



Ø mm	Part N°	€
<b>3~32</b>	<b>675-03-32</b>	<b>26,33</b>

\* See HSS Blade in page 368.

• Includes Deburring Tool

675

Zip Action Tube Cutter



Ø mm	Part N°	€
<b>3~41</b>	<b>675-03-41</b>	<b>49,66</b>

\* See HSS Blade in page 368.

• Includes Spare Blade

**675**

Zip Action Tube Cutter

Cu  
Al  
Inox



\* See HSS Blade in page 368.

Ø mm	Part N°	€
6-65	675-06-65	104,60

• Includes Deburring Tool and Spare Blade

**675**

Mini Zip Action Tube Cutter

Cu  
Al  
Inox



\* See HSS Blade in page 368.

Ø mm	Part N°	€
3-16	675-03-16	15,72

• This tube cutter includes one blade which is able to cut non-ferrous materials as aluminium and bronze (but specially copper and stainless steel) even if there are available specific blades for each application.

**676**

Auto Tube Cutter Zinc Body

Cu  
Al  
Inox



Ø mm	Part N°	€
10	676-10	29,77
12	676-12	30,82
15	676-15	33,95
18	676-18	36,51
22	676-22	36,74

**677**

Pipe Deburring Countersink

Cu  
Al  
Inox



Int.



Ext.

Ø mm	Part N°	€
3-40	677-03-40	21,64

• This tube cutter includes one blade which is able to cut non-ferrous materials as aluminium and bronze (but specially copper and stainless steel) even if there are available specific blades for each application.



# Plumbing

## Tube cutter Spare Parts



**665**

Spare Blade

Suitable for  
665-45



Ø mm	Part N°	€
0~45	665-45R	17,79

**667**

Spare Blade

Suitable for  
667-36



Ø mm	Part N°	€
0~36	667-36R	10,17

**675**

Spare Blade

Suitable for  
675-03-28 / 675-03-32 / 675-03-41



Material	Application	Part N°	€
HCS	Co · Al · Bronze	675-04AC	4,79
HSS	Inox	675-04HSS	6,12

**675**

Spare Blade

Suitable for  
675-06-65



Material	Application	Part N°	€
HCS	Co · Al · Bronze	675-06-65AC	8,42
HSS	Inox	675-06-65HSS	15,77

**675**

Spare Blade

Suitable for  
675-03-16



Material	Application	Part N°	€
HCS	Co · Al · Bronze	675-03-16AC	4,19

**DOGHER**

TOOLS

*Making Solutions*



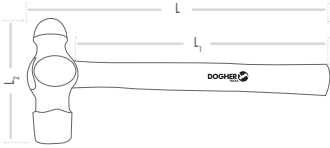
	370
	372
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	378
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	379
	383
	384 386
	389

# Percussion 700

# Percussion

## Hammers



**700**

### Ball Peen Hammer Hickory Handle



	g	A mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€	Part N°	€
<b>B</b>	<b>340</b>	28	320	280	90	<b>700-340</b>	<b>17,52</b>	<b>700H-315</b>	<b>4,60</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>C</b>	<b>455</b>	30	360	320	100	<b>700-455</b>	<b>21,18</b>	<b>700H-350</b>	<b>4,97</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>D</b>	<b>560</b>	32	350	315	105	<b>700-560</b>	<b>24,04</b>	<b>700H-350</b>	<b>4,97</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>E</b>	<b>680</b>	34	375	330	120	<b>700-680</b>	<b>26,65</b>	<b>700H-360</b>	<b>5,68</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>F</b>	<b>910</b>	38	405	360	125	<b>700-910</b>	<b>28,84</b>	<b>700H-390</b>	<b>6,54</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>G</b>	<b>1130</b>	40	410	355	135	<b>700-1130</b>	<b>32,00</b>	<b>700H-420</b>	<b>6,78</b>	<b>700C-CUÑA1</b>	<b>2,68</b>
<b>H</b>	<b>1360</b>	40	410	355	145	<b>700-1360</b>	<b>32,66</b>	<b>700H-420</b>	<b>6,78</b>	<b>700C-CUÑA1</b>	<b>2,68</b>

• The replaceable handle includes splitting wedge

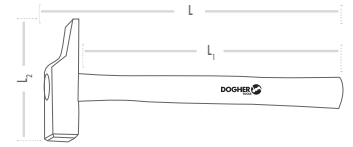
**701**

### Ball Peen Hammer Fiberglass Handle



	g	A mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
<b>B</b>	<b>340</b>	28	310	265	90	<b>701-340</b>	<b>28,05</b>
<b>C</b>	<b>455</b>	30	305	265	100	<b>701-455</b>	<b>29,10</b>
<b>D</b>	<b>560</b>	32	315	275	105	<b>701-560</b>	<b>31,76</b>
<b>E</b>	<b>680</b>	34	340	295	115	<b>701-680</b>	<b>34,65</b>
<b>F</b>	<b>910</b>	38	370	320	125	<b>701-910</b>	<b>40,68</b>
<b>G</b>	<b>1130</b>	40	375	320	135	<b>701-1130</b>	<b>47,98</b>
<b>H</b>	<b>1360</b>	40	375	320	145	<b>701-1360</b>	<b>50,23</b>

**Hammers**



**702**

**Carpenter Hammer Hickory Handle**



g	A mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€
<b>100</b>	18	270	250	93	<b>702-100</b>	<b>12,05</b>	<b>702H-100</b>	<b>4,11</b>
<b>135</b>	20	270	250	95	<b>702-135</b>	<b>13,41</b>	<b>702H-135</b>	<b>4,47</b>
<b>180</b>	22	285	260	100	<b>702-180</b>	<b>14,58</b>	<b>702H-180</b>	<b>4,82</b>
<b>320</b>	25	295	265	105	<b>702-320</b>	<b>17,50</b>	<b>702H-320</b>	<b>5,36</b>
<b>420</b>	30	305	270	120	<b>702-420</b>	<b>18,23</b>	<b>702H-420</b>	<b>6,84</b>

**703**

**Carpenter Hammer Fiberglass Handle**

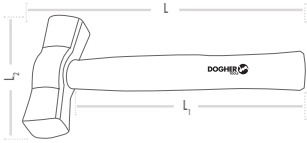


g	A mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
<b>100</b>	18	270	250	90	<b>703-100</b>	<b>18,36</b>
<b>135</b>	20	265	240	95	<b>703-135</b>	<b>19,93</b>
<b>180</b>	22	250	225	100	<b>703-180</b>	<b>21,72</b>
<b>320</b>	25	290	265	105	<b>703-320</b>	<b>22,89</b>
<b>420</b>	30	335	305	120	<b>703-420</b>	<b>23,88</b>



# Percussion

## Hammers



**704**

Spanish Stone Hammer Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
<b>1000</b>	265	230	125	37x37	<b>704-1000</b>	<b>24,49</b>	<b>704H-260</b>	<b>7,54</b>
<b>1250</b>	265	230	130	40x40	<b>704-1250</b>	<b>27,69</b>	<b>704H-260</b>	<b>7,54</b>

**705**

Spanish Stone Hammer Fiberglass Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
<b>1000</b>	250	215	125	37x37	<b>705-1000</b>	<b>28,51</b>	<b>705H-260</b>	<b>9,07</b>
<b>1250</b>	250	215	130	40x40	<b>705-1250</b>	<b>31,72</b>	<b>705H-260</b>	<b>9,07</b>

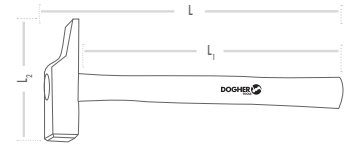
**708**

Carpenter Hammer Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€
<b>400</b>	330	275	110	<b>708-400</b>	<b>21,26</b>	<b>708H-400</b>	<b>4,58</b>
<b>600</b>	330	265	125	<b>708-600</b>	<b>24,39</b>	<b>708H-600</b>	<b>4,99</b>
<b>800</b>	450	390	140	<b>708-800</b>	<b>28,73</b>	<b>708H-800</b>	<b>5,31</b>

**Hammers**



**728**

Fitters Hammer Hickory Handle



**729**

Fitters Hammer Fiberglass Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€
<b>520</b>	285	255	95	30x27	<b>728-30</b>	<b>20,55</b>
<b>700</b>	305	270	103	35x32	<b>728-35</b>	<b>24,70</b>
<b>1050</b>	335	295	115	40x35	<b>728-40</b>	<b>30,17</b>
<b>1350</b>	360	315	120	45x40	<b>728-45</b>	<b>32,10</b>
<b>1550</b>	365	320	135	45x40	<b>728-50</b>	<b>35,49</b>

g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€
<b>550</b>	300	265	95	30x27	<b>729-30</b>	<b>22,84</b>
<b>750</b>	320	280	100	35x32	<b>729-35</b>	<b>27,43</b>
<b>1100</b>	360	320	110	40x35	<b>729-40</b>	<b>33,53</b>
<b>1400</b>	360	315	120	45x40	<b>729-45</b>	<b>35,21</b>
<b>1600</b>	360	315	135	45x40	<b>729-50</b>	<b>36,71</b>

**710**

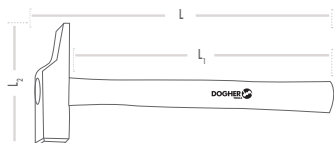
Claw Hammer Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
<b>700</b>	370	300	175	30x27	<b>710-700</b>	<b>26,99</b>	<b>710H-370</b>	<b>9,17</b>

# Percussion

## Hammers



711

### Shuttering Hammer Fiberglass Handle



Magnet



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
700	500	440	180	35x35	711-700	33,45	711H-370	12,24

712

### Big Head Sledge Hammer Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
3000	900	720	140	58x58	712-3000	49,99	712H-900	20,91
5000	900	800	160	70x70	712-5000	77,03	712H-900	20,91

**Sledge Hammers**



**713**

**Big Head Sledge Hammer Fiberglass Handle**



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
<b>3000</b>	910	840	140	60x60	<b>713-3000</b>	<b>55,96</b>	<b>713H-900</b>	<b>27,85</b>
<b>4000</b>	900	790	150	65x65	<b>713-4000</b>	<b>70,64</b>	<b>713H-900</b>	<b>27,85</b>
<b>5000</b>	900	800	160	70x70	<b>713-5000</b>	<b>80,10</b>	<b>713H-900</b>	<b>27,85</b>

**726**

**Axe-Sledge Hammer Fiberglass Handle**

**726**

**Long Splitting Wedge**



• 2000 g.

• 3000 g.

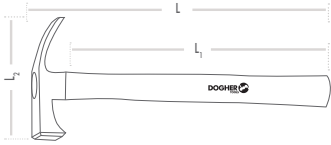
g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€
<b>3000</b>	920	840	220	50x50	<b>726-3000</b>	<b>81,19</b>

g	Part N°	€
<b>1000</b>	<b>726-010</b>	<b>28,23</b>
<b>1500</b>	<b>726-015</b>	<b>30,33</b>
<b>2000</b>	<b>726-020</b>	<b>35,03</b>
<b>3000</b>	<b>726-030</b>	<b>47,88</b>



# Percussion

## Hammer Shovel Picks



**714**

Hammer Shovel Picks Hickory Handle

g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€
700	375	325	205	30x30	714-700	30,84



**715**

Hammer Shovel Picks Fiberglass Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€	Part N°	€
700	380	325	205	30x27	715-700	38,12	717H-370	10,47

**715**

Chipping Hammers Tubular Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
500	300	270	200	715-001	19,37

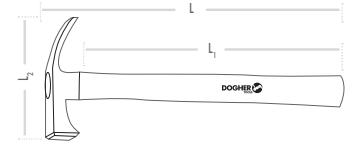
**715**

Slate Hammer



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	■	Part N°	€
400	315	285	185	25x27	715-010	20,09

Shovel Picks



**716**

Axe Shovel Pick  
Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
550	325	265	240	716-550	26,62
650	385	325	265	716-650	31,20

**717**

Axe Shovel Pick  
Fiberglass Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€
550	385	335	270	717-550	30,76	717H-370	10,47
650	325	270	275	717-650	34,79	717H-370	10,47

**718**

Spike Shovel Pick  
Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
400	325	270	275	718-400	27,64
650	325	270	290	718-650	30,99

**719**

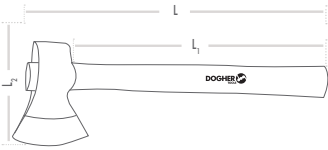
Spike Shovel Pick  
Fiberglass Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€
400	330	270	270	719-400	34,38	719H-330	10,47
650	325	270	290	719-650	37,08	719H-330	10,47

# Percussion

## Axes & Picks



**724**

Axe Hickory Handle



g	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	Part N°	€
500	450	380	145	724-500	26,89	724H-500	13,36
700	445	365	160	724-700	29,10	724H-700	15,12
1000	675	590	180	724-1000	39,62	724H-1000	16,36

**721**

Pick Head



g	Part N°	€
2500	721-2500	32,72
3000	721-3000	37,82

**722H**

Hickory Spare Handle



L mm	Part N°	€
900	722H-900	12,51

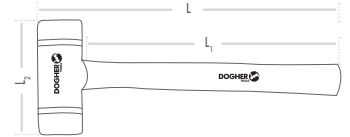
**723H**

Fiberglass Spare Handle



L mm	Part N°	€
900	723H-900	26,30

Interchangeable Head Hammers



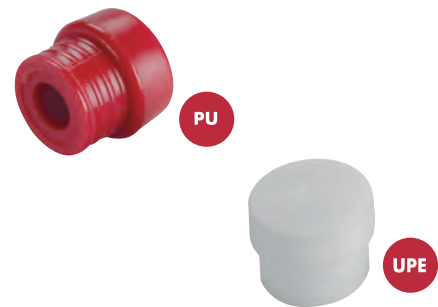
Part N°	Ø22	Ø25	Ø28	Ø30	Ø35	Ø40	Ø45	Ø50	Ø60	Ø80	Material	Type
<b>7331</b>		741-25		741-30	741-35	741-40		741-50			UPE	Press fit
<b>7332</b>	7333-22		7333-28		7333-35		7333-45		7333-60		PU	Thread
<b>7420</b>				7421-30		7421-40		7421-50	7421-60	7421-80	30-40 PU 50-60-80 UPE	Thread
<b>730</b>		732-25		732-30	732-35	732-40	732-45				NYLON	Thread
<b>742</b>					7422-35						PU	Thread
<b>DEAD BLOW</b>												
<b>740</b>		741-25		741-30	741-35	741-40		741-50			UPE	Press fit
<b>7310</b>					7311-35	7311-40		7311-50			PU	Press fit

**7420**

Mechanical Hold Head Hammer PRO HIT Wood Handle

**7421**

UPE, PU Spare Head



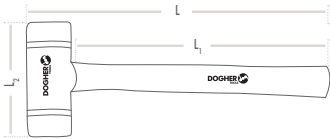
Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€	
30	295	230	85	<b>7420-30</b>	<b>30,74</b>	<b>PU</b>
40	330	255	105	<b>7420-40</b>	<b>44,60</b>	<b>PU</b>
50	385	280	115	<b>7420-50</b>	<b>61,06</b>	<b>UPE</b>
60	430	315	145	<b>7420-60</b>	<b>100,70</b>	<b>UPE</b>
80	540	390	175	<b>7420-80</b>	<b>146,05</b>	<b>UPE</b>

Ø mm	Part N°	€	
30	<b>7421-30</b>	<b>6,25</b>	<b>PU</b>
40	<b>7421-40</b>	<b>9,62</b>	<b>PU</b>
50	<b>7421-50</b>	<b>14,88</b>	<b>UPE</b>
60	<b>7421-60</b>	<b>23,60</b>	<b>UPE</b>
80	<b>7421-80</b>	<b>32,13</b>	<b>UPE</b>



# Percussion

## Interchangeable Head Hammers



**7332**

PU Hammer Wood Handle

**7333**

Thread PU Head

PU



Ø mm	Head thread	L mm	Part N°	€
22	M10	260	7332-22	20,51
28	M10	280	7332-28	25,55
35	M10	305	7332-35	29,31
45	M10	350	7332-45	49,27
60	M10	380	7332-60	72,72

Ø mm	Part N°	€
22	7333-22	5,81
28	7333-28	7,29
35	7333-35	8,77
45	7333-45	9,91
60	7333-60	14,29

**7331**

UPE Hammer Hickory Handle

**741**

UPE Head

UPE

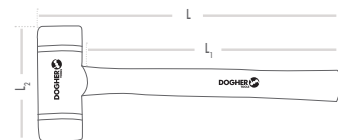


Ø mm	Ø1	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
25	9,5	325	245	105	7331-25	22,80
30	9,5	325	245	105	7331-30	28,38
35	11,5	340	255	110	7331-35	32,57
40	11,5	355	260	115	7331-40	42,93
50	13,5	400	295	120	7331-50	56,86

Ø mm	Part N°	€
25	741-25	6,25
30	741-30	7,74
35	741-35	9,30
40	741-40	11,20
50	741-50	16,68

- Genuine Hickory wood handle
- High resistance rubber head: shore hardness D68

Interchangeable Head Hammers



**730**

Rubber Hammer  
Metal Handle

**732**

Rubber Spare Head



Ø mm	Head thread	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
<b>25</b>	M8	265	235	70	<b>730-25</b>	<b>21,79</b>
<b>30</b>	M8	270	240	85	<b>730-30</b>	<b>22,66</b>
<b>35</b>	M10	280	245	90	<b>730-35</b>	<b>29,61</b>
<b>40</b>	M10	320	280	95	<b>730-40</b>	<b>38,54</b>
<b>45</b>	M12	330	280	100	<b>730-45</b>	<b>42,45</b>

Ø mm	Part N°	€
<b>25</b>	<b>732-25</b>	<b>3,41</b>
<b>30</b>	<b>732-30</b>	<b>3,93</b>
<b>35</b>	<b>732-35</b>	<b>5,10</b>
<b>40</b>	<b>732-40</b>	<b>6,61</b>
<b>45</b>	<b>732-45</b>	<b>7,20</b>

**742**

PU Hammer  
Fiberglass handle

**7422**

PU Spare Head

**PU**

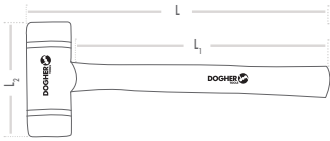


Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
<b>35</b>	300	265	100	<b>742-35</b>	<b>32,30</b>

Ø mm	Part N°	€
<b>35</b>	<b>7422-35</b>	<b>5,44</b>

# Percussion

## Interchangeable Head Anti Rebound Hammer



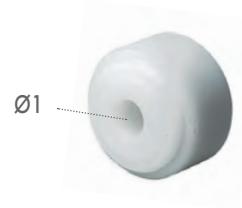
**740**

UPE Hammer Knock in Head  
Hickory Handle Dead Blow

**741**

UPE Spare Head

UPE



Ø mm	Ø1	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
25	9,5	325	245	100	740-25	25,32
30	9,5	325	245	105	740-30	31,55
35	11,5	340	260	110	740-35	36,19
40	11,5	355	260	115	740-40	47,78
50	13,5	395	290	120	740-50	63,17

Ø mm	Part N°	€
25	741-25	6,25
30	741-30	7,74
35	741-35	9,30
40	741-40	11,20
50	741-50	16,68

- Body filled with steel balls
- Genuine Hickory wood handle
- High resistance rubber head: shore hardness D68

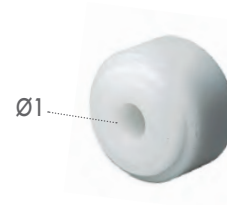
**7310**

PU Hammer  
Metal Handle Dead Blow

**7311**

PU Spare Head

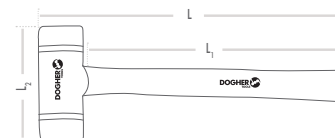
PU



Ø mm	Ø1	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
35	13	305	270	105	7310-35	42,56
40	13	330	290	115	7310-40	58,49
50	17	340	290	125	7310-50	68,70

Ø mm	Part N°	€
35	7311-35	7,48
40	7311-40	8,84
50	7311-50	12,95

**Sledge Hammers**



**735** Solid Polyurethane Sledge Hammer  
Dead Blow



g	Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
450	40	270	210	85	735-450	20,28
620	40	240	250	100	735-620	24,24
800	45	325	260	100	735-800	26,68
920	50	345	285	100	735-920	29,13
1100	55	345	270	110	735-1100	30,54
1350	60	355	270	120	735-1350	31,16
1800	65	370	290	135	735-1800	38,84
2200	70	400	310	150	735-2200	53,00

**739** Solid Polyurethane Sledge Hammer  
Bimaterial



g	Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
225	45	320	270	80	739-225	11,45
340	50	320	265	85	739-340	15,64
455	55	335	270	95	739-455	19,96
685	60	385	315	115	739-685	23,57
920	65	390	315	125	739-920	28,11

**736** Rubber Hammer  
Hickory Handle Tile Layer



g	Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	L <sub>2</sub> mm	€
225	45	315	260	75	736-225	9,97
340	50	320	260	95	736-340	10,73
455	55	330	270	95	736-455	11,19
685	60	330	260	115	736-685	14,89
920	65	340	260	130	736-920	18,12

**737** Rubber Hammer  
Hickory Handle Tile Layer



g	Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
225	43	320	255	85	737-225	13,72
340	47	320	255	90	737-340	15,25
455	57	320	245	105	737-455	16,76
685	67	340	245	115	737-685	19,92
920	70	385	285	130	737-920	23,53

**738** Mixed Rubber Hammer



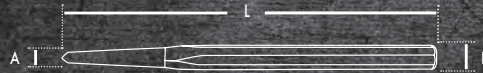
g	Ø mm	L mm	L <sub>1</sub> mm	L <sub>2</sub> mm	Part N°	€
225	45	295	245	75	738-225	13,59
340	50	315	260	80	738-340	14,85
455	55	320	250	95	738-455	18,47
685	60	335	265	115	738-685	20,50
920	65	340	260	125	738-920	25,93



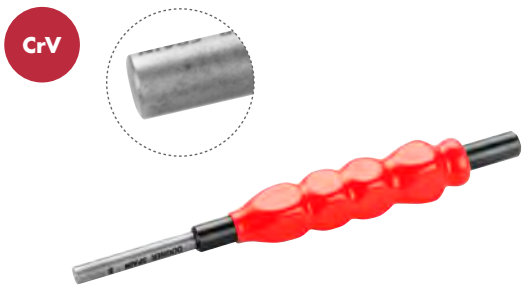
# Percussion

## SHOCKGRIP Drift Punches

Drift Punches manufactured to resist high impacts.  
Patented Ergonomic ShockGrip Handle.  
Avoid Injuries.



### 7447 Sheathed Drift Punch SHOCKGRIP Patented Handle



A mm	B mm	L mm	Part N°	€
2	8	115	7447-02	10,99
3	8	125	7447-03	10,99
4	10	150	7447-04	12,62
5	10	165	7447-05	13,17
6	12	180	7447-06	15,41
8	12	200	7447-08	17,50

Composed by 2 pieces: Body + Punch

### 7447 Sheathed Drift Punch Set SHOCKGRIP Patented Handle

5  
Pcs



Ø 3 • 4 • 5 • 6 • 8 mm

Part N°	€
7447-001	88,18

### 7447L Sheathed Drift Punch SHOCKGRIP Patented Handle Long Series



A mm	B mm	L mm	Part N°	€
10	12	300	7447L-10	27,90
12	14	300	7447L-12	31,91
14	16	300	7447L-14	35,90
16	18	300	7447L-16	40,07

Special use for heavy machinery

### 7447L Sheathed Drift Punch Set SHOCKGRIP Patented Handle Long Series

4  
Pcs



Ø 10 • 12 • 14 • 16 mm

Part N°	€
7447L-001	144,28

Drift Punches



**7445** Sheathed Drift Punch Octogonal Shaped Body TOPGRIP Patented Handle

CrV



A mm	B mm	L mm	Part N°	€
2	10	150	7445-02	8,68
3	10	150	7445-03	8,77
4	10	150	7445-04	8,85
5	10	150	7445-05	10,17
6	10	150	7445-06	10,97
8	10	150	7445-08	11,10

Hand guard patented TOPGRIP  
Norm NFE 71211  
DIN 6450C

**7445** Sheathed Drift Punch Set Octogonal Shaped Body TOPGRIP Patented Handle

**6**  
Pcs



Ø 2 • 3 • 4 • 5 • 6 • 8 mm

Part N°	€
7445-001	65,04

**7443** Drift Punch Set

7443-010



7443-02



7443-03



7443-04



7443-06



7443-02-04



7443-03-04



7443-05-06



7443-04-06



**9**  
Pcs

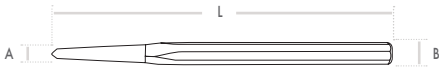


Part N°	€
7443-001	129,36

SPARE PARTS	A mm	L mm	Part N°	€
Drift Punch Knurled Body	-	120	7443-010	17,58
	2	40	7443-02	11,68
Long Drift Punch	3	55	7443-03	12,61
	4	75	7443-04	12,69
	6	75	7443-06	12,69
Two-Sided Shaped Body Drift Punch	2-4	72	7443-02-04	14,14
Two-Sided Drift Punch	3-4	72	7443-03-04	14,14
	5-6	72	7443-05-06	14,14
Two-Sided Knurled Body Drift Punch	4-6	72	7443-04-06	14,19

# Percussion

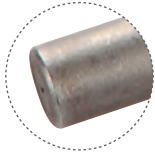
## Drift Punches



**7446**

Drift Punch  
Octagonal Shaped Body

CrV



A mm	B mm	L mm	Part N°	€
2	10	150	7446-02	6,44
3	10	150	7446-03	6,49
4	10	150	7446-04	6,56
5	10	150	7446-05	7,53
6	10	150	7446-06	8,13
7	12	150	7446-07	8,13
8	12	150	7446-08	8,22
9	12	150	7446-09	8,22
10	12	150	7446-10	8,22

Norm NFE 71211  
DIN 6450C

**7446**

Drift Punch Set  
Octagonal Shaped Body

**6**  
Pcs



Ø 3 • 4 • 5 • 6 • 8 • 10 mm

Part N°	€
7446-002	49,15

**6**  
Pcs



Ø 3 • 4 • 5 • 6 • 7 • 8 mm

Part N°	€
7446-001	49,06

**6**  
Pcs



Ø 3 • 4 • 5 • 6 • 8 • 10 mm

Part N°	€
7446-003	49,15

**7446**

Drift Punches & Precision Centre Punches EVA Foam Tray

**13**  
Pcs



Part N° 7446  
3x10 6x10  
4x10 8x12  
5x10 10x12

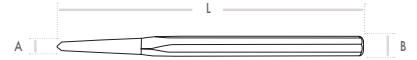
Part N° 7449  
2,5x7 4x8  
3x7 6x10  
3,5x8 8x12

Part N° 750-013



Part N°	€
7446-080	133,05

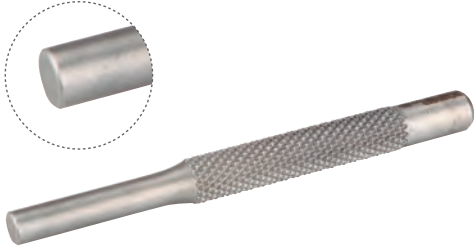
Drift Punches



**7444**

Drift punch  
Knurled body

CrV



A mm	B mm	L mm	Part N°	€
2	7	100	7444-02	5,85
2,5	7	100	7444-02,5	5,90
3	7	100	7444-03	5,90
3,5	8	100	7444-03,5	5,96
4	8	100	7444-04	5,96
4,5	8	100	7444-04,5	6,86
5	8	100	7444-05	6,86
5,5	8	100	7444-05,5	7,39
6	10	115	7444-06	7,39
7	10	115	7444-07	7,39
8	10	115	7444-08	7,48
9	12	130	7444-09	7,48
10	12	130	7444-10	7,48

Norm NFE 71211

**7444**

Drift Punch Set  
Knurled body

**6**  
Pcs



Ø 2 • 3 • 4 • 5 • 6 • 8 mm

Part N°	€
7444-001	43,44

**7444**

Drift Punch Set  
Knurled body

**12**  
Pcs



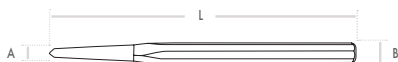
Ø 2 • 2,5 • 3 • 3,5 • 4 • 4,5 • 5 • 5,5 • 6 • 7 • 8 • 10 mm

Part N°	€
7444-002	84,42

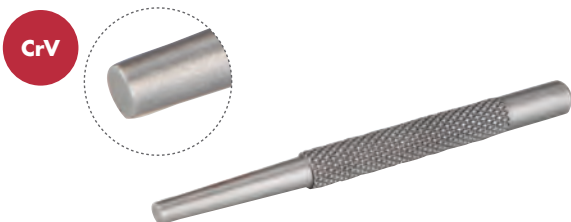


# Percussion

## Centre Punches & Drift Punches



**7448** Drift Punch Knurled Body



A mm	B mm	L mm	Part N°	€
1	7	100	7448-01	5,69
2	7	100	7448-02	5,69
3	7	100	7448-03	5,69
4	8	100	7448-04	5,69
5	8	100	7448-05	5,69
6	10	115	7448-06	7,13

Norm NFE 71211

**7448** Drift Punch Set Knurled Body

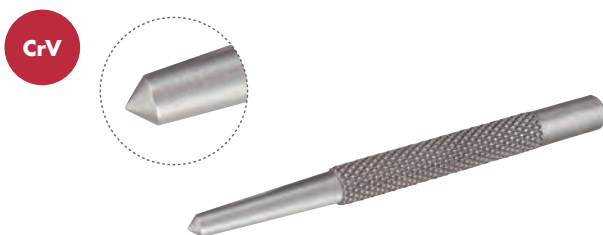
**4**  
Pcs

Ø 2 · 3 · 4 · 5 mm

Part N°	€
7448-001	26,76



**7449** Precision Centre Punch Knurled Body



A mm	B mm	L mm	Part N°	€
2,5	7	100	7449-02,5	6,20
3	7	100	7449-03	6,20
3,5	8	100	7449-03,5	6,20
4	8	100	7449-04	6,20
6	10	115	7449-06	7,55
8	12	130	7449-08	7,85
10	14	130	7449-10	9,61

Norm NFE 71211

**7449** Precision Centre Punch Set Knurled Body

**4**  
Pcs

Ø 2,5 · 4 · 6 · 8 mm

Part N°	€
7449-001	31,80



**7449** Precision Centre Punch Set Knurled Body

**6**  
Pcs

Ø 2,5 · 3 · 3,5 · 4 · 6 · 8 mm

Part N°	€
7449-002	44,20



- Forged Steel punch with Polyamide interchangeable tips
- Especially designed to avoid marks
- Polyamide interchangeable tips to ensure maximum resistance to impact



**7450**

**SOFT Drift Punch with Polyamide interchangeable tip**

**7451**

**Polyamide Interchangeable Tip**

**CrV**



A mm	L mm	Part N°	€
10	170	7450-10	13,38
12	170	7450-12	13,53
14	170	7450-14	13,53
16	170	7450-16	18,03
18	170	7450-18	18,27
20	170	7450-20	23,57
25	170	7450-25	23,73
30	170	7450-30	23,89

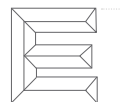
A mm	Part N°	€
10	7451-10	6,36
12	7451-12	6,59
14	7451-14	6,73
16	7451-16	6,91
18	7451-18	7,10
20	7451-20	8,05
25	7451-25	8,24
30	7451-30	8,47

**763**

**100 Interchangeable Marking Punches Set**

- 52 individual pcs of letters from A to Z (Two each A~Z)
- 36 individual pcs of numbers from 0 to 8 (Four each 0~8, the 6 is used as 9)
- 1 pc of "&"
- 2 pcs of "/"
- 2 pcs of "-"
- 6 pcs of blank space
- The holder can accommodate 9 pieces.

\* Hardness 58-62HRC



L mm	L "	Part N°	€
3	1/8	763-001	814,05
5	3/16	763-002	814,05



**763**

**9 Numerical Marking Punches Set**

**763**

**27 Alphabetic Marking Punches Set**



L <sub>1</sub> mm	L <sub>2</sub> mm	L "	Part N°	€
61	2	5/64	763-020	11,47
61	3	1/8	763-030	12,08
61	4	5/32	763-040	12,69
61	5	3/16	763-050	13,97
61	6	1/4	763-060	15,55
69	7	9/32	763-070	21,41
69	8	5/16	763-080	21,41
74	10	3/8	763-100	27,91
85	12	1/2	763-120	42,72



L <sub>1</sub> mm	L <sub>2</sub> mm	L "	Part N°	€
60	2	5/64	763-202	34,41
60	3	1/8	763-203	35,52
60	4	5/32	763-204	38,03
61	5	3/16	763-205	41,22
61	6	1/4	763-206	46,52
68	7	9/32	763-207	64,20
68	8	5/16	763-208	67,25
74	10	3/8	763-210	87,69
85	12	1/2	763-212	115,78



58-62 Hrc  
· DIN 1451 - DIN 7353

58-62 Hrc  
· DIN 1451 - DIN 7353

# Percussion

## Drift Punches



### 746 Standard Drift Punch

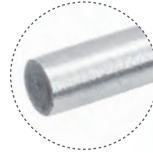
CrV



A mm	Hex mm	L mm	Part N°	€
2	10	150	746-02-10	5,85
3	10	150	746-03-10	5,90
4	10	150	746-04-10	5,96
5	10	150	746-05-10	6,86
6	10	150	746-06-10	7,39
7	12	150	746-07-12	7,39
8	12	150	746-08-12	7,48
10	12	150	746-10-12	7,48

### 747 Long Drift Punch

CrV



A mm	Hex mm	L mm	Part N°	€
4	10	180	747-04-10	10,20
6	10	180	747-06-10	10,20

### 746 Standard Drift Punches

6

Pcs

150 mm



Ø 3 · 4 · 5 · 6 · 7 · 8 mm

Part N°	€
746-001	47,65

### 746 Standard Nail Punches & Centre Punch

6

Pcs

120 mm



Ø 4x10 mm

Ø 1 · 2 · 3 · 4 · 5 mm

Part N°	€
746-002	37,76

Centre Punches



**748**

Standard Nail Punch

CrV

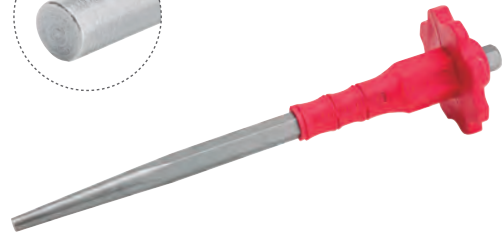


A mm	Hex mm	L mm	Part N°	€
2	10	120	748-02-10	5,42
3	10	120	748-03-10	5,42
4	10	120	748-04-10	5,42
5	10	120	748-05-10	5,42
6	10	120	748-06-10	6,78
8	10	120	748-08-10	6,84

**745**

Sheathed Drift Punch  
Long Series

CrV



A mm	B mm	L mm	Part N°	€
2	10	165	745-02-10	10,86
3	10	175	745-03-10	10,86
4	10	185	745-04-10	10,86
5	10	200	745-05-10	10,86
6	10	200	745-06-10	10,86
8	10	200	745-08-10	10,86

**749**

Hex Centre Punch

CrV



A mm	Hex mm	L mm	Part N°	€
1	10	120	749-01-10	5,69
2	10	100	749-02-10	6,20
3	10	100	749-03-10	6,20
4	10	120	749-04-10	6,20
5	12	120	749-05-12	7,20
6	12	120	749-06-12	7,55
8	12	120	749-08-12	7,85

**744**

Sheathed Centre Punch Long Series

CrV

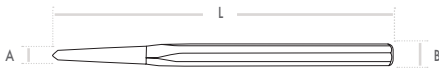


A mm	B mm	L mm	Part N°	€
4	10	175	744-04-10	10,01
6	10	175	744-06-10	10,01



# Percussion

## Centre Punches & Spare Points



750

Automatic Centre Punch

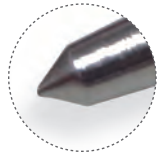
CrV

125 mm



Maximum load: 13 kgs.

Part N°	€
750-001	24,97



750

Spare Points for Automatic Centre Punch

CrV

Suitable for 750-001



Part N°	€
750-002	3,80

750

Automatic Centre Punch

CrV

125 mm



Maximum load: 16 kgs.

L mm	B mm	Part N°	€
125	12	750-011	29,48

750

Spare Points for Automatic Centre Punch

CrV

Suitable for 750-011



L mm	B mm	Part N°	€
35	4	750-012	5,12

750

Automatic Centre Punch

CrV

143 mm



Maximum load: 36 kgs.

L mm	B mm	Part N°	€
143	16	750-013	38,45

750

Spare Points for Automatic Centre Punch

CrV

Suitable for 750-013



L mm	B mm	Part N°	€
55	6	750-014	5,71

750

Automatic Centre Punch

CrV

160 mm



Maximum load: 80 kgs.

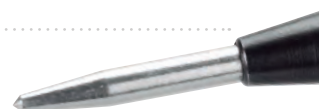
L mm	B mm	Part N°	€
160	25	750-015	44,81

750

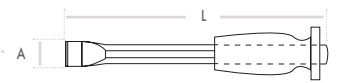
Spare Points for Automatic Centre Punch

CrV

Suitable for 750-015

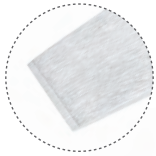


L mm	B mm	Part N°	€
65	6	750-016	5,63



**755** Electrician Chisel

CrV



A mm	mm	L mm	Part N°	€
12	10	200	755-12-10-200	8,40
12	10	250	755-12-10-250	9,65
12	10	300	755-12-10-300	10,84

**753** Flat Chisel

CrV



A mm	mm	L mm	Part N°	€
22	16	250	753-22-16-250	16,67
22	16	300	753-22-16-300	20,53
25	19	350	753-25-19-350	23,44
25	19	400	753-25-19-400	29,15

**751** Sheathed Chisel

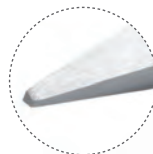
CrV



A mm	mm	L mm	Part N°	€
22	16	250	751-22-16-250	23,44
22	16	300	751-22-16-300	27,44
25	16	350	751-25-16-350	30,41
25	16	400	751-25-16-400	38,79

**754** Point

CrV



A mm	mm	L mm	Part N°	€
4	16	250	754-04-16-250	15,42
4	16	300	754-04-16-300	19,10
4	19	350	754-04-19-350	20,53
4	19	400	754-04-19-400	33,46

**752** Sheathed Point

CrV



A mm	mm	L mm	Part N°	€
4	16	250	752-04-16-250	22,32
4	16	300	752-04-16-300	25,90
4	16	350	752-04-16-350	27,44
4	16	400	752-04-16-400	40,38

# Percussion

## Chisels

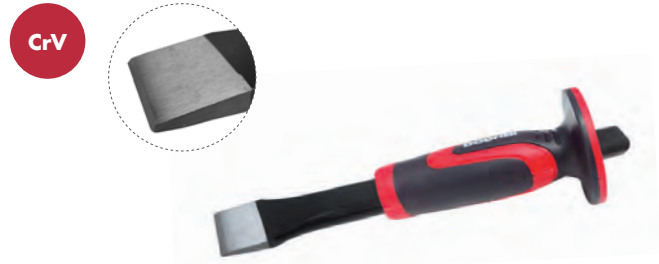


### 757 Cold Chisel



A mm	B x C mm	L mm	Part N°	€
30	23 x 13	200	757-30-23-200	14,87
30	23 x 13	250	757-30-23-250	17,37
30	23 x 13	300	757-30-23-300	18,93
30	23 x 13	350	757-30-23-350	21,76
30	23 x 13	400	757-30-23-400	24,45

### 756 Sheathed Cold Chisel



A mm	B x C mm	L mm	Part N°	€
30	23 x 13	250	756-30-23-250	22,11
30	23 x 13	300	756-30-23-300	26,33
30	23 x 13	350	756-30-23-350	29,53
30	23 x 13	400	756-30-23-400	32,21

### 758 Extra Wide Flat Chisel



A mm	B x C mm	L mm	Part N°	€
50	23 x 13	250	758-50-23-250	26,23
70	23 x 13	250	758-70-23-250	28,81

### 759 Sheathed Extra Wide Flat Chisel



A mm	B x C mm	L mm	Part N°	€
50	23 x 13	250	759-50-23-250	31,70
70	23 x 13	250	759-70-23-250	33,60

### 761 Graver



B mm	C mm	L mm	Part N°	€
23	13	200	761-23-13-200	18,10
23	13	250	761-23-13-250	20,62

**762**

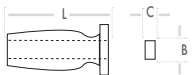
Sheathed Graver



B mm	C mm	L mm	Part N°	€
23	13	200	762-23-13-200	22,89
23	13	250	762-23-13-250	25,42

**756**

Bimaterial Sheath



Suitable for  
756 - 757 - 758 - 759 - 761 - 762

B mm	C mm	L mm	Part N°	€
23	13	160	756-160	7,13

**753**

Cold Chisels, Points and Drift Punches Display

-  753-22-16-250 x12  
753-22-16-300 x12
-  754-04-16-250 x6  
754-04-16-300 x6
-  755-12-10-200 x6  
755-12-10-250 x6  
755-12-10-300 x6
-  757-30-23-200 x6  
757-30-23-250 x6  
757-30-23-300 x12  
757-30-23-350 x6

Part N°	€
753-001	1.378,02





# Percussion

EVA Foam Trays



700

Hammers

2  
Pcs



Part N° 702-320 • 742-35

Part N°	€
700-080	59,05

728

Percussion

9  
Pcs



Rivoir French Style Hammers



Rubber Hammer Fiberglass Handle



Cold Chisel



Long Drift Punch



Part N° €

728-080 132,02

729

Percussion

9  
Pcs



Rivoir French Style Hammer Fiberglass Handle



Rubber Hammer Fiberglass Handle



Cold Chisel



Long Drift Punch



Part N° €

729-080 134,75

700

Percussion

3  
Pcs



Part N° 7310-50 • 700-680 • 7331-35

Part N° €

700-085 147,92

795

Percussion

5  
Pcs



Part N° 795-002 • 296-132 • 296-152 • 296-060 • 204-200

Part N° €

795-080 215,19

For Further Information About Storage and Eva Foam Trays:

20 • 35



	<b>398</b>		<b>406</b>
	<b>398</b>		<b>407</b>
	<b>400</b>		<b>407</b>
	<b>401</b>		<b>408</b>
	<b>403</b>		
	<b>404</b>		

# Measurement

# 775

# Measurement

## Laser Distance Meter & Levels



781

### Laser Distance Meter

70 m



Instructions Manual & Certificate Included



- Precision  $\pm 2$  mm
- Extendable Pintail for Corner Measuring

m	Part N°	€
0,05 ~ 70	781-70	231,12*

\* Until end of stock



• Area and Volume



• Addition and Subtraction



• Indirect Measuring



• 20 Memories



• Countdown Measuring



• Measurement Unit

• Stake-out



- Carrying Case
- Distance Meter
- Silica-gel Protector
- Safety Strap
- Engineering Pencil
- AA Batteries

783

### 3 Vial Spirit Level

AI

0,5 mm/m



L mm	Part N°	€
400	783-01-400	40,23
600	783-01-600	45,98
800	783-01-800	53,37
1000	783-01-1000	63,02
1200	783-01-1200	71,03

- 3 Vial 45° · 90° · 180°
- Shockproof Protection

783

### 3 Vial Magnetic Spirit Level

AI

0,5 mm/m



L mm	Part N°	€
400	783-02-400	22,90
600	783-02-600	29,73
800	783-02-800	32,58
1000	783-02-1000	40,28
1200	783-02-1200	51,15
1800	783-02-1800	76,50

- 3 Vial 45° · 90° · 180°



**784**

2 Vial Trapezoid Spirit Level

Al

0,5  
mm/m



L mm	Part N°	€
400	784-01-400	20,36
600	784-01-600	26,45

- 2 Vial 90° · 180°

**785**

3 Vial Torpedo Level

Al



0,5  
mm/m



L mm	Part N°	€
250	785-001	25,74

- 3 Vial 45° · 90° · 180°
- Shockproof Protection

**785**

2 Vial Trapezoid Torpedo Level

Al



0,5  
mm/m



L mm	Part N°	€
250	785-002	29,59

- 2 Vial 90° · 180°

**785**

3 Vial Torpedo Level



L mm	Part N°	€
235	785-003	6,59

- 3 Vial 45° · 90° · 180°



# Measurement

## Calipers & Micrometer



796

Stainless Steel Vernier Caliper

0,05 mm

Inox



• Lockscrew

mm	Part N°	€
0 ~ 150	796-150	56,99

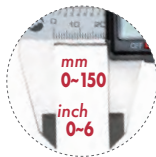
• mm & Inches Measures

797

Digital Caliper

0,01 mm

Inox



mm/inch

• Lock screw

mm	Part N°	€
0 ~ 150	797-150	92,20

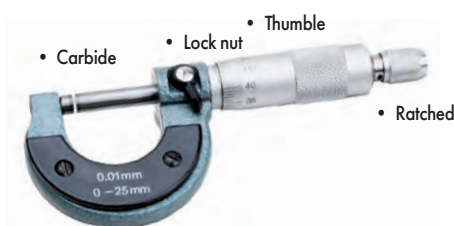
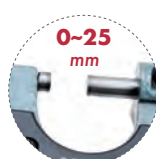


Instructions Manual Included  
mm & Inches Measures

798

Mechanical External Micrometer

0,01 mm



- Carbide
- Lock nut
- Thumble
- Ratched

mm	Part N°	€
0 ~ 25	798-25	54,26



1 Metal Metric Tape



2 Manual Lock Button



3 Rubber Impact Protection



4 Safety Strap included



5 Double face marking

**771**

Double Face Professionals Measuring Tapes



Metal



Class II



L m	A mm	Part N°	€
3	16	771-03	8,88
5	19	771-05	13,23

**772**

Classic Measuring Tape Metric and Inch Scale



Metal



Class II



L m	A mm	Part N°	€
3	16	772-03	6,66
5	19	772-05	9,24

**778**

Classic Measure Tape



Metal



Class II



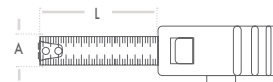
L m	A mm	Part N°	€
3	16	778-03	5,39
5	19	778-05	7,29

Part N°	€
778-03J (x12)	64,68
778-05J (x8)	58,32

130 x 175 x 200 mm

# Measurement

## Magnetic Measuring Tapes



**775**

### Magnetic Measuring Tape



Nylon



Class II



L m	A mm	Part N°	€
3	16	775-03	7,11
5	19	775-05	10,58
8	25	775-08	20,21

- Push the button to lock the measuring tape

**776**

### Double Lock Magnetic Measuring Tape



Nylon



Class II



L m	A mm	Part N°	€
3	16	776-03	6,77
5	19	776-05	10,58
8	25	776-08	20,21



**777**

### Self Lock Magnetic Measuring Tape



Nylon

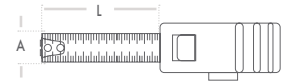


Class II



L m	A mm	Part N°	€
3	16	777-03	6,77
5	19	777-05	10,58
8	25	777-08	20,21

- Retract the measuring tape by pressing the button
- Measuring tape will keep the measurement locked in place.



**779**

Fiberglass Measuring Tape

Class III



L m	A mm	Part N°	€
10	13	779-010	18,63
20	13	779-020	21,13
30	13	779-030	27,32
50	13	779-050	31,83



Double face marking

**780**

Fiberglass Measuring Tape

Class III



L m	A mm	Part N°	€
30	15	780-030	40,38
50	15	780-050	55,65



Double face marking



# Measurement

## Squares and Rulers



**792**

Flexible Square Aluminium Handle



L mm	Part N°	€
200	792-01-200	20,19*
250	792-01-250	21,19*
300	792-01-300	24,68*

\* Until end of stock

**792**

Stainless Steel Ruler

Inox



L mm	A mm	B mm	Part N°	€
150	19	0,8	792-02-150	4,00
200	20	1,1	792-02-200	5,48
300	26	1,1	792-02-300	7,55
500	29	1,1	792-02-500	13,61
1.000	35	1,3	792-02-1000	25,68

**793**

Professional Stainless Steel Square

Inox



L mm	A mm	B mm	Part N°	€
250	40	1	793-01-250	18,10
300	40	1	793-01-300	20,66
350	40	1	793-01-350	21,14
400	40	1	793-01-400	21,92

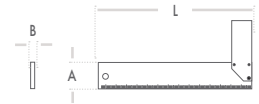
**793**

Professional Stainless Steel Square

Inox



L mm	A mm	B mm	Part N°	€
300	50	3	793-02-300	27,43
350	50	3	793-02-350	28,05
400	50	3	793-02-400	29,10
450	50	3	793-02-450	32,64
500	50	3	793-02-500	35,94
550	50	3	793-02-550	45,77
600	50	3	793-02-600	56,99



**793**

Combination Square with Level

Inox



L mm	A mm	B mm	Part N°	€
300	24,5	1,8	793-03-300	23,45
400	24,5	1,8	793-03-400	26,10

**793**

Double Combination Square with Level

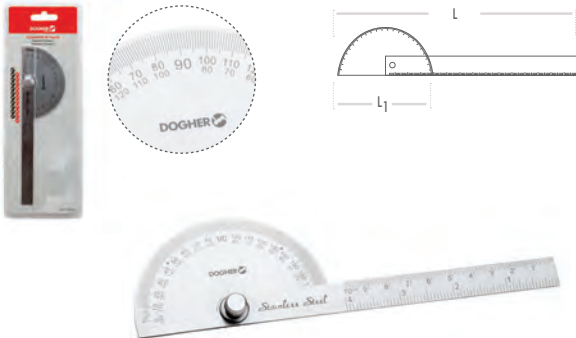
Inox



L mm	A mm	B mm	Part N°	€
300	24,5	1,8	793-04-300	28,50

**796**

Engineers Protractor



	L mm	L <sub>1</sub> mm	Part N°	€
0° ~ 180°	200	90	796-001	24,47

**796**

Steel Scriber



L mm	Part N°	€
150	796-002	6,65

• Tungsten Carbide Tip

# Measurement

## Scribers



**796**

Hexagonal Steel Scriber



L mm	B mm	Part N°	€
150	6	796-003	6,87

- Tungsten Carbide Tip

**796**

Double Ended Steel Scriber



L mm	B mm	Part N°	€
250	8	796-004	16,14

- Tungsten Carbide Tip

**796**

Double Ended Steel Scriber

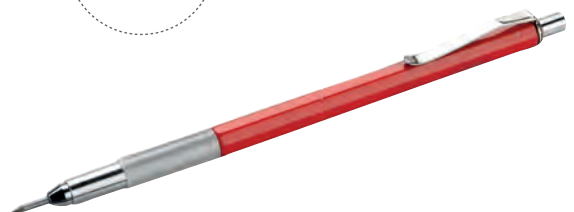
CrV



L mm	B mm	Part N°	€
250	8	796-005	9,53

**796**

Retractable Pen Type Scriber



L mm	B mm	Part N°	€
160	12	796-006	22,39

- Tungsten Carbide Tip
- Includes 2 tips: 32mm (Tungsten carbide) y 89 mm (Pencil Lead)

**798**

Chalk Line with Deposit for Chalk Powder

30  
m

WATER  
PROOF

SHOCK  
PROOF



m	Part N°	€
30	798-001	12,79

**798**

Chalk Line Red Powder



• Fill the deposit with chalk red powder.



• Shake to impregnate the line with the chalk powder.



• 1.- Fix the hook to the surface and pull it up.  
2.- Release



g	Part N°	€
180	798-002	3,85

**798**

Thread Pitch Gauges

- 24 Thread Pitch Gauges
- Range from 0,25 mm-6 mm



Part N°	€
798-003	11,83

**798**

Thickness Gauges

- 20 Thickness Gauges
- Range from 0,05 mm-1 mm
- L= 105 mm



Part N°	€
798-004	11,78



# Measurement

## Measuring Instruments



795

### Digital Clamp Meter

CAT II 750V~ 1000A~MAX

- Measures AC current, AC & DC, Voltage & resistance.
- Overload protection.
- Data-hold function.
- Audible continuity.
- Low battery indication.
- LCD display.
- Includes 10A test leads & soft case.
- Requires 1 x 9V battery.
- IEC 61010
- Pollution Grade II



Part N°	€
795-001	46,94
WIRE 795-001C	8,05

795

### Digital multimeter

1000V ~ 750V ~

- Measures AC current, AC & DC Voltage & resistance.
- Checks continuity diodes & NPN/PNP transistors.
- Supplied with test leads.
- LCD display.
- Requires 9V battery (Not supplied).
- IEC 61010
- Pollution Grade II



Part N°	€
795-002	41,59
WIRE 795-002C	8,05

795

### Voltage Tester

3 in 1

CAT II 600V V ~ 150V · 300V · 500V V ~ 110V · 220V · 380V

900 mm

- 900 mm wire.
- Designed to be indoor use at temperature 5°C to 40°C.
- Altitude up to 2.000 m.
- IEC 61010
- Pollution Grade II



Part N°	€
795-003	17,05



	410
	414
	417
	418
	421
	422
	424
	430
	435
	436
	437
	448
	449

**DOGHER**  
 TOOLS  
 Making Solutions



# Brushing, Cutting & Abrasion 800



# Brushing, Cutting & Abrasion

## Abrasive Wheels



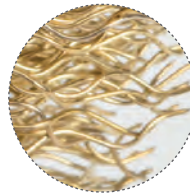
**818**

### Crimped Wire Wheel Brushes

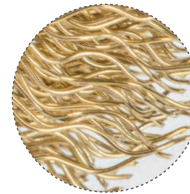


**Multi threaded Nut**

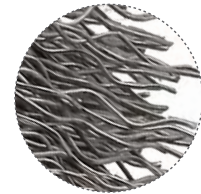
- Ø: 10-12,7-16-19-22-25,4-32 mm
- Enables to use different bore diameters



**Brass Coated Steels**  
0,20 mm . 008"



**Brass Coated Steels**  
0,30 mm . 012"



**INOX**  
0,30 mm . 012"

Ø Ext. mm	" "	Rows mm	▶		◀		Multi-Fitting		R.P.M max.	Part N°	€	Part N°	€	Part N°	€
			mm	" "	mm	" "	mm	" "							
75	3"	4	14	9/16"	15	5/8"	12,7-10	1/2"-3/8"	4500	818-075-1402	12,70	818-075-1403	10,86		
75	3"	5	16	5/8"	15	5/8"			4500	818-075-1602	15,73	818-075-1603	13,69		
100	4"	3	12	1/2"	23	15/16"	12,7-10	1/2"-3/8"	4500	818-100-1202	13,17	818-100-1203	11,63		
100	4"	4	14	9/16"	18	11/16"	20	3/4"	6000	818-100-1402	17,38	818-100-1403	14,02	818-100-1403INOX	27,93
100	4"	5	18	11/16"	18	11/16"	16	5/8"	6000	818-100-1802	19,68	818-100-1803	16,55	818-100-1803INOX	33,60
100	4"	7	22	7/8"	18	11/16"	12,7	1/2"	6000	818-100-2202	29,10	818-100-2203	23,34	818-100-2203INOX	46,77
125	5"	3	13	1/2"	30	1.3/16"	16-12,7	5/8"-1/2"	4500	818-125-1302	15,26	818-125-1303	12,93	818-125-1303INOX	29,10
125	5"	4	15	5/8"	30	1.3/16"	20	3/4"	8500	818-125-1502	20,20	818-125-1503	14,04	818-125-1503INOX	34,80
125	5"	5	20	3/4"	30	1.3/16"	16	5/8"	8500	818-125-2002	22,54	818-125-2003	17,99	818-125-2003INOX	40,81
125	5"	7	25	1"	30	1.3/16"	12,7	1/2"	8500	818-125-2502	33,76	818-125-2503	24,19	818-125-2503INOX	60,64
150	6"	4	15	5/8"	34	1.3/8"	16-12,7	5/8"-1/2"	4500	818-150-1502	20,44	818-150-1503	15,18	818-150-1503INOX	35,93
150	6"	5	20	3/4"	30	1.3/16"	32 25,4	1.1/4" 1"	6000	818-150-2002	24,85	818-150-2003	19,71	818-150-2003INOX	41,81
150	6"	7	25	1"	30	1.3/16"	22 19	7/8" 3/4"	6000	818-150-2502	34,25	818-150-2503	26,68	818-150-2503INOX	61,13
150	6"	9	32	1.1/4"	30	1.3/16"	16 12,7	5/8" 1/2"	6000	818-150-3202	44,54	818-150-3203	33,90	818-150-3203INOX	76,22
175	7"	4	17	11/16"	40	1.5/8"	16-12,7	5/8"-1/2"	4500	818-175-1702	26,43	818-175-1703	17,16	818-175-1703INOX	63,73
175	7"	5	20	3/4"	40	1.5/8"	32 25,4	1.1/4" 1"	6500	818-175-2002	32,34	818-175-2003	22,47	818-175-2003INOX	78,12
175	7"	7	25	1"	40	1.5/8"	22 19	7/8" 3/4"	6500	818-175-2502	35,08	818-175-2503	30,29	818-175-2503INOX	82,36
175	7"	9	32	1.1/4"	40	1.5/8"	16 12,7	5/8" 1/2"	6500	818-175-3202	47,56	818-175-3203	39,07	818-175-3203INOX	138,66
200	8"	4	17	11/16"	42	1.5/8"	16-12,7	5/8"-1/2"	3750	818-200-1702	31,88	818-200-1703	19,99	818-200-1703INOX	64,58
200	8"	5	20	3/4"	45	1.3/4"	32 25,4	1.1/4" 1"	4500	818-200-2002	38,31	818-200-2003	26,53	818-200-2003INOX	87,08
200	8"	6	25	1"	45	1.3/4"	22	7/8"	4500	818-200-2502	42,56	818-200-2503	30,61	818-200-2503INOX	88,15
200	8"	7	30	1.3/16"	45	1.3/4"	19	3/4"	4500	818-200-3002	51,48	818-200-3003	35,84	818-200-3003INOX	107,40
200	8"	9	35	1.3/8"	45	1.3/4"	16 12,7	5/8" 1/2"	4500	818-200-3502	55,41	818-200-3503	41,82	818-200-3503INOX	139,82
250	10"	4	22	7/8"	54	2.1/8"	25,4 22 19 16 12,7	1" 7/8" 3/4" 5/8" 1/2"	4000			818-250-2203	34,21		
250	10"	5	25	1"	50	2"	32	1.1/4"	3600			818-250-2503	45,86		
250	10"	6	30	1.3/16"	50	2"	25,4	1"	3600			818-250-3003	51,40		
250	10"	7	35	1.3/8"	50	2"	22	7/8"	3600			818-250-3503	63,13		
250	10"	9	40	1.5/8"	50	2"	19 16 12,7	3/4" 5/8" 1/2"	3600			818-250-4003	82,54		
300	12"	5	27	1"	75	3"	32	1.1/4"	3000			818-300-2703	66,81		
300	12"	6	30	1.3/16"	75	3"	25,4	1"	3000			818-300-3003	81,69		
300	12"	7	35	1.3/8"	75	3"	22	7/8"	3000			818-300-3503	98,67		
300	12"	9	40	1.5/8"	75	3"	19 16 12,7	3/4" 5/8" 1/2"	3000			818-300-4003	120,16		

**818**

Cable Crimped Wheel Brushes

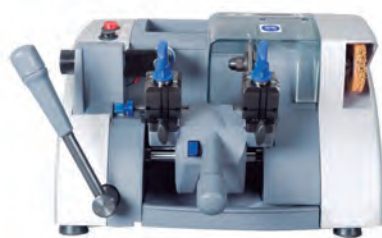


**Multi threaded Nut**  
- Ø: 10-12,7-16-19-22-25,4-32 mm  
- Enables to use different bore diameters



**Brass Coated Steels**  
0,25 mm . 010"

Ø Ext. mm	" "	Rows mm	▶ / ◀		▶ / ◀		Multi-Fitting		R.P.M max.	Part N°	€
			mm	" "	mm	" "	mm	" "			
150	6"	5	20	3/4"	30	1.3/16"			6000	818-150-20025HP	22,36
175	7"	5	20	3/4"	40	1.5/8"	12,7-16-19-	1/2"-5/8"-3/4"	6500	818-175-20025HP	26,50
200	8"	5	20	3/4"	45	1.3/4"	22-25,4-32	7/8"-1"-1.1/4"	4500	818-200-20025HP	31,15

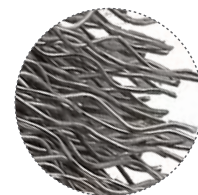


**821**

Wheel Brush with Threading Nut



**Brass Coated Steels**  
0,30 mm . 012"



**INOX**  
0,30 mm . 012"



Ø Ext. mm	" "	▶ / ◀		R.P.M max.	Part N°	€	R.P.M max.	Part N°	€
		mm	" "						
100	4"	18	11/16"	14000	821-100	13,75			
115	4,5"	18	11/16"	12500	821-115	16,56	12500	821-115INOX	26,49
125	5"	18	11/16"	8500	821-125	17,77	12500	821-125INOX	29,10
150	6"	18	11/16"	9000	821-150	19,49			
175	7"	18	11/16"	9000	821-175	28,47			
200	8"	22	7/8"	6000	821-200	31,16			
225	9"	22	7/8"	6000	821-225	34,36			



# Brushing, Cutting & Abrasion

Abrasive Wheels



825

Twisted Knot Wheels



Grey Steel  
0,50 mm .020"

Ø Ext.		Rows mm	▶ / ◀		~		Nut	R.P.M max.	Part N°	€
mm	"		mm	"	mm	"				
100	4"	20	12	1/2"	19	3/4"	M14x2	12500	825-100-1205	27,18
115	4.1/2"	20	12	1/2"	23	15/16"	M14x2	12500	825-115-1205	27,56
125	5"	22	12	1/2"	25	1"	M14x2	12500	825-125-1205	28,04
150	6"	24	12	1/2"	34	1.3/8"	M14x2	9000	825-150-1205	29,59
175	7"	28	12	1/2"	37	1.1/2"	M14x2	9000	825-175-1205	32,96
200	8"	34	12	1/2"	41	1.5/8"	M14x2	8500	825-200-1205	39,46
250	10"	40	12	1/2"	70	2.3/4"	M14x2	8500	825-250-1205	44,90



INOX  
0,50 mm .020"



Brass  
0,40 mm .016"


Ø Ext.		Rows	▶ / ◀		~		Nut	R.P.M max.	Part N°	€	Part N°	€
mm	"		mm	"	mm	"						
100	4"	20	12	1/2"	19	3/4"	M14x2	12500	825-100-1205INOX	44,45	825-100-1204L	29,59
115	4.1/2"	20	12	1/2"	23	15/16"	M14x2	12500	825-115-1205INOX	47,56		
125	5"	22	12	1/2"	25	1"	M14x2	12500	825-125-1205INOX	50,29	825-125-1204L	32,96
150	6"	24	12	1/2"	34	1.3/8"	M14x2	9000	825-150-1205INOX	55,41		

**826**

CPL Pipe Lines



Grey Steel  
0,50 mm .020

Ø Ext.		N° of Knots	▶ / ◀		~			R.P.M max.	Part N°	€
mm	"		mm	"	mm	"				
<b>100</b>	<b>4"</b>	32	6	1/4"	19	3/4"	M14x2	12500	<b>826-100-0605</b>	<b>24,69</b>
<b>125</b>	<b>5"</b>	40	6	1/4"	25	1"	M14x2	12500	<b>826-125-0605</b>	<b>26,59</b>
<b>150</b>	<b>6"</b>	52	6	1/4"	34	1.3/8"	M14x2	9000	<b>826-150-0605</b>	<b>29,09</b>

# Brushing, Cutting & Abrasion

## Cup Brushes

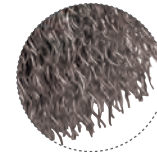


**819**

Crimped Cup Brush



Brass Coated Steels  
0,30 mm . 012"



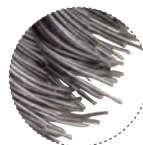
INOX  
0,30 mm . 012"



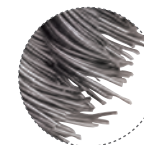
Ø Ext.		⋈		R.P.M max.	Part N°	€	Part N°	€	
mm	"	mm	"						
60	2.3/8"	20	3/4"	M14x2	12500	819-060	13,58	819-060INOX	24,93
80	3.1/4"	22	7/8"	M14x2	12500	819-080	17,17	819-080INOX	39,14
100	4"	28	1.1/8"	M14x2	8500	819-100	21,47	819-100INOX	49,05
125	5"	32	1.1/4"	M14x2	6500	819-125	30,53	819-125INOX	70,12
150	6"	33	1.1/4"	M14x2	6500	819-150	40,19	819-150INOX	100,55

**825**

Twist Knot Cup Brush



Grey Steel  
0,50 mm . 020"



Grey Steel  
0,80 mm . 1/32"



Ø Ext.		Rows mm	⋈		R.P.M max.	Part N°	€	Part N°	€	
mm	"		mm	"						
65	2.9/16"	1	22	7/8"	M14x2	12500	825-065	18,81	825-065-08	19,26
75	3"	1	22	7/8"	M14x2	12500	825-075	19,69	825-075-08	20,15
80	3.1/4"	1	22	7/8"	M14x2	8500	825-080	23,28	825-080-08	25,86
100	4"	1	25	1"	M14x2	8500	825-100	28,38	825-100-08	31,66
125	5"	1	22	7/8"	M14x2	8500	825-125	34,90	825-125-08	38,94
150	6"	1	28	1.1/8"	M14x2	6500	825-150	63,56		

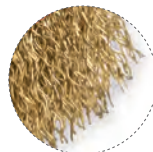
INOX  
0,50 mm . 020"

Ø Ext.		Rows mm	⋈		R.P.M max.	Part N°	€	
mm	"		mm	"				
65	2.9/16"	1	22	7/8"	M14x2	12500	825-065INOX	32,15
75	3"	1	22	7/8"	M14x2	12500	825-075INOX	42,36
80	3.1/4"	1	22	7/8"	M14x2	8500	825-080INOX	56,93
100	4"	1	28	1.1/8"	M14x2	8500	825-100INOX	64,98
125	5"	1	32	1.1/4"	M14x2	6500	825-125INOX	86,97

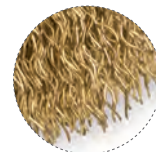


**822**

Wheel Brushes with 6 mm (1/4") Arbor Hole

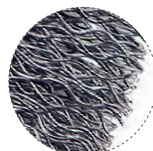


Brass Coated Steels  
0,20 mm . 008"



Brass Coated Steels  
0,30 mm . 012"

Ø Ext.		(1/4") Shank	▶ ▾		~		R.P.M max.	Part N°	€	Part N°	€
mm	"		mm	"	mm	"					
30	1.3/16"	6	10	3/8"	4	5/32"	20000	822-030-1002	5,47		
40	1.9/16"	6	10	3/8"	9	3/8"	18000	822-040-1002	5,67		
50	2"	6	10	3/8"	12,5	1/2"	15000	822-050-1002	6,46		
50	2"	6	25	1"	12,5	1/2"	15000	822-050-2502	11,25		
60	2.3/8"	6	15	5/8"	17	11/16"	15000			822-060-1503	7,01
75	3"	6	15	5/8"	23	7/8"	15000			822-075-1503	8,42
100	4"	6	15	5/8"	22	7/8"	12000			822-100-1503	10,82



INOX  
0,20 mm . 008"



INOX  
0,30 mm . 012"

Ø Ext.		(1/4") Shank	▶ ▾		~		R.P.M max.	Part N°	€	Part N°	€
mm	"		mm	"	mm	"					
30	1.3/16"	6	10	3/8"	4	5/32"	20000	822-030-1002INOX	11,93		
50	2"	6	10	3/8"	12	1/2"	15000			822-050-1003INOX	15,48
60	2.3/8"	6	15	5/8"	12	1/2"	15000			822-060-1503INOX	16,81
75	3"	6	15	5/8"	23	7/8"	15000			822-075-1503INOX	21,30
100	4"	6	15	5/8"	23	7/8"	12000			822-100-1503INOX	25,95



Brass  
0,30 mm . 012"

Ø Ext.		(1/4") Shank	▶ ▾		~		R.P.M max.	Part N°	€
mm	"		mm	"	mm	"			
30	1.3/16"	6	10	3/8"	4	5/32"	20000	822-030L	8,01
50	2"	6	10	3/8"	12	1/2"	15000	822-050-1003L	11,59
75	3"	6	15	5/8"	23	7/8"	15000	822-075-1503L	18,80
100	4"	6	15	5/8"	23	7/8"	12000	822-100-1503L	24,06



# Brushing, Cutting & Abrasion

## Cup Brushes



823

Cup Brush With Shank



Ø 6mm  
1/4"



Brass Coated Steels  
0,30 mm . 012"

Ø Ext.		▶ ~ ~ ~ ◀		R.P.M	Part N°	€
mm	"	mm	"	max.		
50	2"	25	1"	4500	823-050	4,07
75	3"	25	1"	4500	823-075	4,87

827

Wide Face Nylon Wheel



Ø 6mm  
1/4"



Ø Ext. mm	▶ ~ ~ ~ ◀	▶ ~ ~ ~ ◀	R.P.M. max	Part N°	€
	mm	mm			
75	6	10	4500	827-075	10,11
100	6	10	4500	827-100	12,20

Nylon  
Ø 1,2 mm - 3/64"

828

Cup Nylon Brush



Ø 6mm  
1/4"

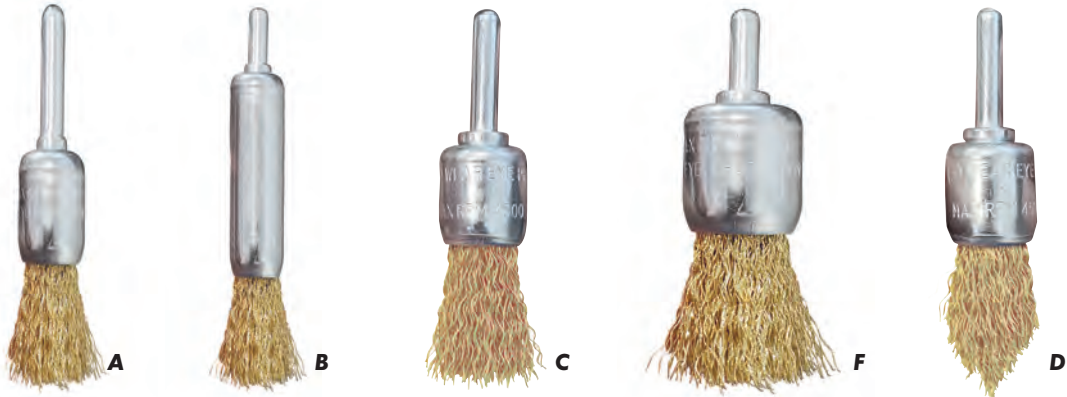


Ø Ext. mm	▶ ~ ~ ~ ◀	R.P.M. max	Part N°	€
	mm			
50	20	4500	828-050	11,23
75	20	4500	828-075	11,42

Nylon  
Ø 1,2 mm - 3/64"

824

End Brushes with Shank



Brass Coated Steels  
0,30 mm . 012"



INOX  
0,30 mm . 012"

Model	Ø Ext.		Shank mm	▶ ~ ~ ~ ◀		R.P.M max.	Part N°	€	Part N°	€
	mm	"		mm	"					
<b>A</b>	<b>12</b>	<b>1/2"</b>	6	30	1.3/16"	20000	<b>824-0123A</b>	<b>5,16</b>	<b>824-0123AINOX</b>	<b>8,33</b>
<b>B</b>	<b>12</b>	<b>1/2"</b>	6	30	1.3/16"	20000	<b>824-0123B</b>	<b>8,62</b>	<b>824-0123BINOX</b>	<b>13,33</b>
<b>C</b>	<b>15</b>	<b>5/8"</b>	6	27	1.1/16"	20000	<b>824-0153C</b>	<b>7,70</b>		
<b>C</b>	<b>19</b>	<b>3/4"</b>	6	27	1.1/16"	20000	<b>824-0193C</b>	<b>5,95</b>	<b>824-0193CINOX</b>	<b>9,32</b>
<b>C</b>	<b>26</b>	<b>1"</b>	6	27	1.1/16"	20000	<b>824-0263C</b>	<b>6,13</b>	<b>824-0263CINOX</b>	<b>13,72</b>
<b>F</b>	<b>30</b>	<b>1.3/16"</b>	6	25	1.1/16"	20000	<b>824-0303F</b>	<b>10,50</b>	<b>824-0303FINOX</b>	<b>20,11</b>
<b>D</b>	<b>19</b>	<b>3/4"</b>	6	30	1.3/16"	20000	<b>824-0193D</b>	<b>6,48</b>		
<b>D</b>	<b>26</b>	<b>1"</b>	6	30	1.3/16"	20000	<b>824-0263D</b>	<b>7,48</b>		

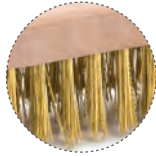
# Brushing, Cutting & Abrasion

## Brushes



**830**

Wooden Handle Hand Brush

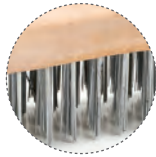


Brass Wire  
0,20 mm . 008"

Rows	L mm	Part N°	€
<b>5 x 15</b>	200	<b>830-001</b>	<b>22,05</b>

**830**

Wooden Handle Hand Brush



Grey Steel Wire  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>5 x 15</b>	200	<b>830-011</b>	<b>15,70</b>

**830**

Wooden Handle Hand Brush



Black Coated Steel Wire  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>4 x 15</b>	290	<b>830-012</b>	<b>4,91</b>
<b>5 x 15</b>	290	<b>830-013</b>	<b>5,34</b>

**830**

Wooden Handle Hand Brush



Brass Wire  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>4 x 15</b>	290	<b>830-002</b>	<b>10,17</b>
<b>5 x 15</b>	290	<b>830-003</b>	<b>12,11</b>

**830**

Wooden Handle "V" Hand Brush



Brass Coated Steel Wire  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>3 x 15</b>	280	<b>830-021</b>	<b>7,50</b>

**830**

Universal Hand Brush with PVC Handle

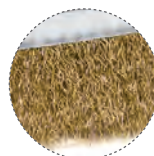


Brass Wire  
0,30 mm . 012"

L mm	Part N°	€
<b>250</b>	<b>830-005</b>	<b>8,03</b>

**830**

Universal Hand Brush with PVC Handle



Brass Coated Steel Wire  
0,30 mm . 012"

L mm	Part N°	€
<b>250</b>	<b>830-022</b>	<b>3,23</b>

**830**

Universal Hand Brush with PVC Handle



Stainless Steel Wire  
0,30 mm . 012"

L mm	Part N°	€
<b>250</b>	<b>830-031</b>	<b>8,52</b>



# Brushing, Cutting & Abrasion

## Brushes



**830**

Universal Hand Brush



**Stainless Steel Wire**  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>3 x 19</b>	340	<b>830-032</b>	<b>13,44</b>

**830**

Universal Hand Brush



**Brass Wire**  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>3 x 19</b>	340	<b>830-004</b>	<b>15,09</b>

**830**

Universal Hand Brush Wooden Handle



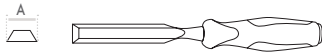
**Black Coated Steel Wire**  
0,30 mm . 012"

Rows	L mm	Part N°	€
<b>3 x 19</b>	290	<b>830-041</b>	<b>7,50</b>

**800**

Bi-Material Handle Wood Chisel

CrV

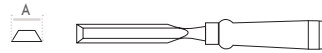


A mm	Part N°	€
6	800-06	18,21
8	800-08	18,77
10	800-10	19,09
12	800-12	19,55
14	800-14	19,99
15	800-15	20,21
16	800-16	20,55
18	800-18	20,90
20	800-20	21,33
22	800-22	23,19
25	800-25	24,98
28	800-28	25,86
30	800-30	26,24
32	800-32	27,98
35	800-35	28,76
38	800-38	29,67

**801**

Wooden Handle Wood Chisel

CrV



A mm	Part N°	€
6	801-06	13,03
8	801-08	13,03
10	801-10	14,00
12	801-12	14,00
14	801-14	15,29
15	801-15	15,29
16	801-16	15,62
18	801-18	16,58
20	801-20	17,06
22	801-22	18,98
24	801-24	19,35
25	801-25	19,46
26	801-26	19,37
28	801-28	20,01
30	801-30	20,49
32	801-32	20,75
35	801-35	21,41
40	801-40	22,51

**800**

Bi-Material Handle Wood Chisels Set

**5**  
Pcs

CrV



12•20•25 mm

Part N°	€
800-001	70,46

- Sharpening Stone
- Honing Guide

# Brushing, Cutting & Abrasion

## Files



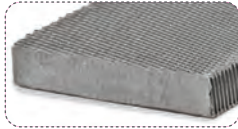
**803**

Bi-Material Handle Flat File 2nd Cut



**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut

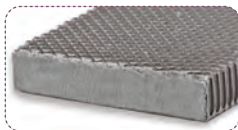
L mm	L"	Part N°	€
150	6	803-150	8,31
200	8	803-200	10,68
250	10	803-250	12,79
300	12	803-300	16,07

**803B**

Bi-Material Handle Flat File Bastard Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut

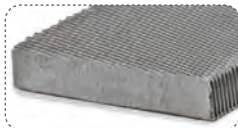
L mm	L"	Part N°	€
150	6	803B-150	7,90
200	8	803B-200	9,68
250	10	803B-250	12,15
300	12	803B-300	15,27

**804**

Bi-Material Handle Flat File 2nd Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut

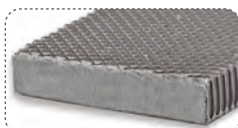
L mm	L"	Part N°	€
150	6	804-150	8,31
200	8	804-200	10,68
250	10	804-250	12,79
300	12	804-300	16,07

**804B**

Bi-Material Handle Flat File Bastard Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut

L mm	L"	Part N°	€
150	6	804B-150	7,90
200	8	804B-200	9,68
250	10	804B-250	12,15
300	12	804B-300	15,27

## 805

### Bi-Material Handle Half Round File 2nd Cut



T12

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut



L mm	L"	Part N°	€
150	6	805-150	10,72
200	8	805-200	12,45
250	10	805-250	15,87
300	12	805-300	19,88

## 805B

### Bi-Material Handle Half Round File Bastard Cut

T12

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut



L mm	L"	Part N°	€
150	6	805B-150	10,17
200	8	805B-200	11,83
250	10	805B-250	14,40
300	12	805B-300	18,89

## 806

### Bi-Material Handle Round File 2nd Cut

T12

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut



L mm	L"	Part N°	€
150	6	806-150	8,21
200	8	806-200	9,10
250	10	806-250	11,40
300	12	806-300	14,22

## 806B

### Bi-Material Handle Round File Bastard Cut

T12

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut



L mm	L"	Part N°	€
150	6	806B-150	7,80
200	8	806B-200	8,64
250	10	806B-250	10,82
300	12	806B-300	13,50



# Brushing, Cutting & Abrasion

## Files



### 807

#### Bi-Material Handle Square File 2nd Cut

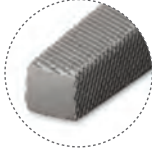


**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut



L mm	L"	Part N°	€
150	6	807-150	8,72
200	8	807-200	9,75
250	10	807-250	12,30
300	12	807-300	16,80

### 807B

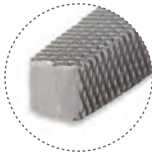
#### Bi-Material Handle Square File Bastard Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut



L mm	L"	Part N°	€
150	6	807B-150	8,28
200	8	807B-200	9,27
250	10	807B-250	11,68
300	12	807B-300	15,95

### 808

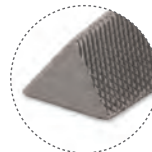
#### Bi-Material Handle Triangle File 2nd Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



2nd Cut



L mm	L"	Part N°	€
150	6	808-150	9,41
200	8	808-200	11,18
250	10	808-250	14,37
300	12	808-300	17,86

### 808B

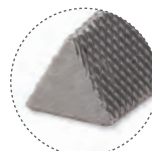
#### Bi-Material Handle Triangle File Bastard Cut

**T12**

C % 1,20  
Si % 0,20  
Mn % 0,80



Bastard Cut



L mm	L"	Part N°	€
150	6	808B-150	8,94
200	8	808B-200	10,63
250	10	808B-250	13,66
300	12	808B-300	16,97



**809**

Chain Saw File

**100Cr6**

C % 1,03  
Si % 0,25  
Mn % 0,35  
Cr % 1,50



L mm	L"	Ø mm	Part N°	€
150	6	3,2	809-032-150	6,04
150	6	3,5	809-035-150	6,04
150	6	4	809-040-150	6,04
200	8	4,5	809-045-200	6,88
200	8	5,5	809-055-200	6,88

**812**

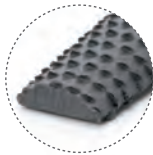
Bi-Material Handle Half Round Rasp

**C45**

C % 1,25  
Cr % 5,00  
V % 1,00  
Mo % 1,00



Bastard Cut



L mm	L"	Part N°	€
150	6	812-150	11,68
200	8	812-200	12,93
250	10	812-250	16,35

**813**

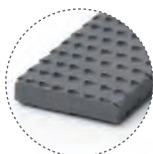
Bi-Material Handle Flat Rasp

**C45**

C % 1,25  
Cr % 5,00  
V % 1,00  
Mo % 1,00



Bastard Cut



L mm	L"	Part N°	€
200	8	813-200	14,73
250	10	813-250	17,14

**814**

Bi-Material Handle Round Rasp

**C45**

C % 1,25  
Cr % 5,00  
V % 1,00  
Mo % 1,00



Bastard Cut



L mm	L"	Part N°	€
150	6	814-150	9,54
200	8	814-200	10,56
250	10	814-250	13,15

# Brushing, Cutting & Abrasion

## File Sets



**815**

Bi-Material Handle 3 File Set

**3**  
Pcs

T12

200  
mm

8"



200mm



200mm



200mm



2nd Cut



Includes Canvas Wallet

Part N°	€
815-001	37,66

**815**

Bi-Material Handle 3 File Set

**3**  
Pcs

T12

250  
mm

10"



250mm



250mm



250mm



2nd Cut



Includes Canvas Wallet

Part N°	€
815-002	47,51

**815**

Bi-Material Handle 5 File Set

**5**  
Pcs

T12

250  
mm

10"



250mm



250mm



250mm



250mm



250mm

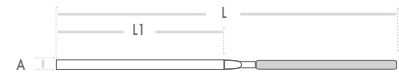


2nd Cut



Includes Canvas Wallet

Part N°	€
815-003	74,28

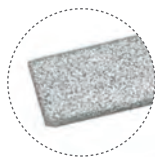


**816**

Flat Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-01-140	18,61
4	70	160	816-01-160	24,97

**816**

Flat Point End Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-02-140	18,61
4	70	160	816-02-160	24,97

**816**

Triangle Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-03-140	18,61
4	70	160	816-03-160	24,97

**816**

Square Point End Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-04-140	18,61
4	70	160	816-04-160	24,97

**816**

Half Round Diamond Needle File



150  
grano  
grain  
grão

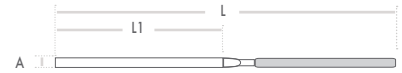


A mm	L1 mm	L mm	Part N°	€
3	70	140	816-05-140	18,61
4	70	160	816-05-160	24,97



# Brushing, Cutting & Abrasion

## Diamond Needle Precision Files



**816**

Flat Round Point End Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-06-140	18,61

**816**

Round Diamond Needle File



150  
grano  
grain  
grão



A mm	L1 mm	L mm	Part N°	€
3	70	140	816-07-140	18,61
4	70	160	816-07-160	24,97

**816**

Knife Point End Diamond Needle File



150  
grano  
grain  
grão



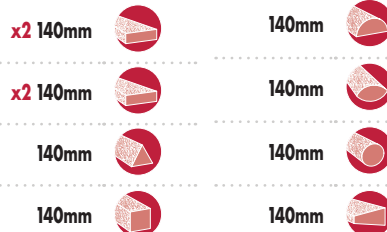
A mm	L1 mm	L mm	Part N°	€
3	70	140	816-08-140	18,61

**816**

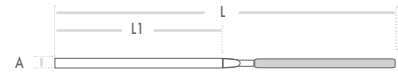
10 x 140mm Diamond Precision Files Set

**10**  
Pcs

140  
mm



Part N°	€
816-001	138,98



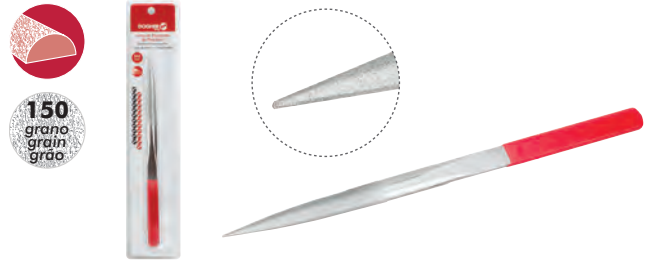
**816**

Flat Diamond File



**816**

Half Round Diamond File

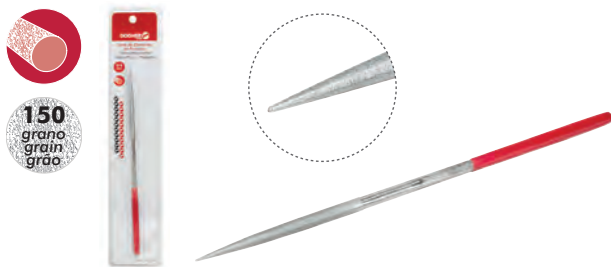


A mm	L1 mm	L mm	Part N°	€
3	80	215	816-09-215	33,30

A mm	L1 mm	L mm	Part N°	€
3	80	215	816-10-215	33,30

**816**

Round Diamond File



**816**

Triangle Diamond File



A mm	L1 mm	L mm	Part N°	€
6	80	215	816-11-215	33,30

A mm	L1 mm	L mm	Part N°	€
9	80	215	816-12-215	33,30

**817**

Thread Restoring File



· For external thread  
· Metric pitches: 0,75-1,00-1,25-1,50-1,75-2,00-2,50-3,00

Part N°	€
817-011	49,90

**817**

Thread Restoring File



· For external and internal threads  
· Metric pitches: 0,80-1,00-1,25-1,50-1,75-2,00-2,50-3,00

Part N°	€
817-010	71,27

# Brushing, Cutting & Abrasion

Professional Series Hand Saws



835

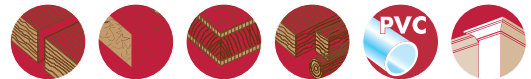
Professional Hand Saw



ALLIGATOR



L mm	Part N°	€
300	835-300	23,63
350	835-350	24,49
400	835-400	24,68
450	835-450	29,75
500	835-500	34,08
550	835-550	37,61

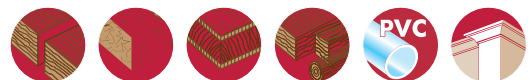


836

Professional Hand Saw



L mm	Part N°	€
300	836-300	21,25
350	836-350	22,04
400	836-400	22,21
450	836-450	26,76
500	836-500	30,67
550	836-550	33,05

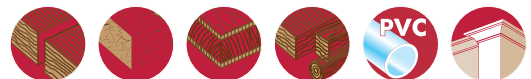


837

Professional Tenon Saw



L mm	Part N°	€
250	837-250	14,08
300	837-300	14,68
350	837-350	18,22



841

Hand Saw for Porous Concrete

CARBIDE



L mm	Z	Part N°	€
630	17	841-017	52,01
630	34	841-034	59,61

**846**

Mini Hacksaw Frame

BI

HSS

24  
Z



L mm	Part N°	€
300	846-003	19,18

**840**

Hacksaw Frame



24  
TPI



L mm	Part N°	€
300	840-001	27,44

Includes Bi-metal Blade  
Full Body Aluminium  
45° - 90° · Blade Clamping

**840**

Professional Hacksaw Frame



35000  
P.S.I.



10 Blades Store



L mm	Part N°	€
300	840-002	42,15

Includes Bi-metal Blade  
Aluminium Shank  
10 Blades Store  
45° - 90° · Blade Clamping

**840**

STD Hacksaw Frame



24  
TPI



L mm	Part N°	€
300	840-004	18,23

Suitable for 25 mm width blades  
45° - 90° · Blade Clamping



# Brushing, Cutting & Abrasion

## Hacksaw Blades



### 840 100 Carbon Steel Hacksaw Blades Set



ACERO AL CARBONO  
CARBON STEEL - ACIER AU CARBONE



300 x 13 x 0,65 mm  
12" x 1/2 x 0,025 in Part N° 840-051



L mm	A mm	B mm	Z		Part N°	€
300	13	0,65	24	100	840-051	113,02

### 840 2 Carbon Steel Hacksaw Blades Set



Part N°	€
840-068	3,46

### 840 10 Carbon Steel Hacksaw Blades Set

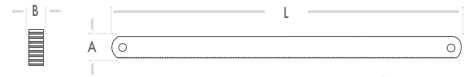


Part N°	€
840-072	13,05

### 840 2 Carbon Steel & Bi-Metal Hacksaw Blades Set



Part N°	€
840-069	4,74



**840**

Bi-Metal Hacksaw Blades



**BI**

**HSS**

	<b>BI-METAL HSS EDGE</b>	<b>24 Z</b>	300 x 13 x 0,65 mm 12" x 1/2 x 0,025 in	Part N° 840-050
	<b>BI-MET AL HSS EDGE</b>	<b>18 Z</b>	300 x 13 x 0,65 mm 12" x 1/2 x 0,025 in	Part N° 840-055
	<b>BI-MET AL HSS EDGE</b>	<b>32 Z</b>	300 x 13 x 0,65 mm 12" x 1/2 x 0,025 in	Part N° 840-056
	<b>PROGRESSIVE BI-MET AL HSS EDGE</b>	<b>18-28 Z</b>	300 x 13 x 0,65 mm 12" x 1/2 x 0,025 in	Part N° 840-057

**HSSCo 8%**

	<b>BI-MET AL HSSCo 8%</b>	<b>24 Z</b>	300 x 13 x 0,65 mm 12" x 1/2 x 0,025 in	Part N° 840-059
--	---------------------------	-------------	--	--------------------

L mm	A mm	B mm	Z		Part N°	€
300	13	0,65	24	100	840-050	240,79
300	13	0,65	24	50	840-054	126,63
300	13	0,65	18	100	840-055	240,79
300	13	0,65	32	100	840-056	240,79
300	13	0,65	18-28	100	840-057	248,27
<b>300</b>	13	0,65	24	100	840-059	356,03

**HSSCo 8%**

**840**

2 Bi-Metal Hacksaw Blades Set

**BI**

**24 Z**



**HSS**

Part N°	€
840-067	6,02

**HSSCo 8%**

Part N°	€
840-077	8,32

**840**

10 Bi-Metal Hacksaw Blades Set

**BI**

**24 Z**

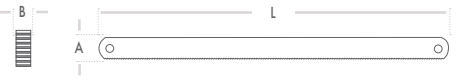
**HSS**



Part N°	€
840-071	25,83

# Brushing, Cutting & Abrasion

Hacksaw Blades



840

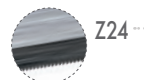
Carbon Steel Hacksaw Blades for Plumbers



24  
Z



L mm	A mm	B mm	Z		Part N°	€
300	25	0,65	24	100	840-052	81,73



24-8  
Z



L mm	A mm	B mm	Z		Part N°	€
300	25	0,65	24-8	100	840-058	96,58



840

2 Bi-Metal Hacksaw Blades Set

24  
Z



Part N°	€
840-070	2,83

24-8  
Z



Metal cutting



Wood cutting

Part N°	€
840-078	3,13

**842**

Professional Pruning Saw



• Forefront end for frontal cutting

• Suitable for laminated plaster

L mm	Part N°	€
150	842-001	18,78

**843**

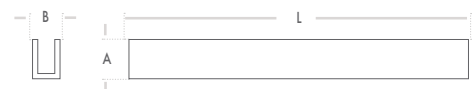
Professional Folding Saw



L mm	L Teeth	TPI	Part N°	€
190	1,8	7	843-001	26,88

**845**

Miter Box



L mm	A mm	B mm	Part N°	€
250	50	90	845-001	10,58

22,5° - 45° - 90° · Angles

L mm	A mm	B mm	Part N°	€
300	70	140	845-002	13,19

45° - 90° · Angles

L mm	A mm	B mm	Part N°	€
310	110	165	845-003	17,02

22,5° - 45° - 90° · Angles



# Brushing, Cutting & Abrasion

## Pruning Bow Saws



**847**

Pruning Bow Saw



L mm	Part N°	€
525	847-525	14,11

Includes Blade for Green Wood

**848**

Pruning Bow Saw



L mm	Part N°	€
450	848-450	8,66*
525	848-525	11,83
600	848-600	12,45
750	848-750	13,52
800	848-800	16,34
900	848-900	17,61

\* Until end of stock

Includes Blade for Green Wood

**846**

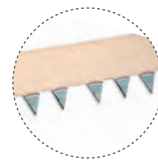
Blade for Green Wood



L mm	Part N°	€
525	846-525	3,68
600	846-600	3,68
750	846-750	4,01
800	846-800	4,67
900	846-900	4,88

**849**

Blade for Dry Wood



L mm	Part N°	€
450	849-450	2,82*
525	849-525	3,68
600	849-600	3,68
750	849-750	4,01
800	849-800	4,67
900	849-900	4,88

\* Until end of stock

## Range Description



- **Roller System,**  
Wheel lock/unlock system.



- **Roller System X5,**  
Lock System 5 times stronger.



- **Security System,**  
Security Cutters with self-retracting or hidden blades.



- **Push System**  
Push Button Automatic lock system.

Large range of **Cutters** and **Blades** for all kind of professional or DIY requirements. Make your option according to the type of work and the intensity, identify the different qualities and characteristics shown below.

TECHNICAL CHARACTERISTICS			
	DURABILITY	SHARPENING	
<b>SK2</b> BLACK Diamond	• •	• • • • •	
<b>HARD</b> Blades	• • • • •	• • • • •	
<b>SK2</b> Long Life	• • • • •	• • • • •	
<b>INOX</b>	• • •	• • • • •	



- **Blades in Blister**  
(10 blades)



- **Blades in Tube**  
(10 blades)



- **5 Tubes of Blades**  
(50 blades)

## Cutters and Blades Equivalency Chart

A mm	mm	L mm	Material	Blades	Part N°		Compatible Cutters	Part N°	
25 mm 1"	0,7	125	<b>HARD</b> Blades		851-012		10		850-250
					851-112		10		
					851-512		50		
			<b>SK2</b> BLACK Diamond		851-013		10		
					851-113		10		
					851-513		50		
<b>HARD</b> Blades		789R-25*		10					
18 mm 3/4"	0,5	100	<b>HARD</b> Blades		851-006		10		850-183
					851-106		10		
					851-506		50		
			<b>SK2</b> BLACK Diamond		851-007		10		
					851-107		10		
					851-507		50		
			<b>HARD</b> Blades		789R-18*		10		
					850-181		10		
					850-182		10		
					789-18*		10		
<b>SK2</b> Long Life		851-011		10					
		851-111		10					
		851-511		50					

\* Until end of stock

# Brushing, Cutting & Abrasion

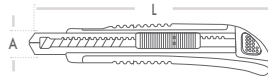
## Cutters and Blades Equivalency Chart



A mm	mm	L mm	Material	Blades	Part N°		Compatible Cutters	Part N°				
9 mm 3/8"	0,4	80	HARD Blades		851-001		10		850-091			
					851-101		10					
					851-501		50					
			SK2 BLACK Diamond		851-002		10					
					851-102		10					
					851-502		50					
		INOX		851-003		10						
				851-103		10						
				851-503		50						
		75	HARD Blades		789R-09*		10		850-092			
					SK2 BLACK Diamond		851-005				10	
							851-105				10	
851-505			50									
8,5 mm 11/32"	0,5		40	SK2 Long Life		851-021				10		850-095
19 mm 3/4"	0,6		60	SK2 BLACK Diamond		851-015				10		850-001
		790-010					10	790-011*				
		SK2 Long Life			790-01-10*		10		850-005**			
					790-01-50*		50	850-006				
		HARD Blades		Safer rounded corners		851-017			10	790-002		
						SK2 Long Life		851-019				10
		HARD Blades		790-02-05*				5	790-030*			
				850-008								
		0,3	39	INOX		851-022		10		887-020		
		17,5 mm 11/16"	0,36	101	SK2 Long Life		851-020		10			887-010
851-120							10					
851-520							50	887-015				
12 mm	1,6	60	CARBURE		887-001R		10		887-001			
Ø 45 mm					850-010RA		1		850-010			
					850-010RB		1					
					850-010RC		1					

\*Until end of stock

\*\*For 850-005; not suitable for the blades : 851-015/ 790-01-10/790-01-50/ 790-02-05



850

High Resistance Cutter

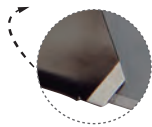
**SK2**  
**BLACK** Diamond

25 mm

1"

1

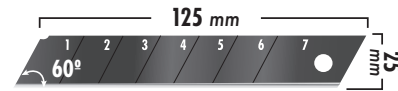
**R**  
SYSTEM



**CUT**  
**PRO**

A mm	L mm			Part N°	€
25	215	1	0,7	850-250	17,12

- Extra long blade protection.
- Anti slip ergonomic handle with anti-drop



- Check other suitable blades in page 437

850

Ultra Resistance Cutter

**SK2**  
**BLACK** Diamond

25 mm

1"

1

**XE**  
**R**  
SYSTEM



**CUT**  
**PRO**

A mm	L mm			Part N°	€
25	174	1	0,7	850-251	15,84

- Extra long blade protection
- TPR Anti slip ergonomic handle
- Lock Force X5



- Check other suitable blades in page 437

789

Utility Knife Cutter

**HARD** Blades

25 mm

1"

5

**P**  
SYSTEM



A mm	L mm			Part N°	€
25	200	5	0,7	789-25	16,17*

\* Until end of stock

- Storage with 4 spare blades
- Snap-off dull blade to get a new fresh sharp edge and cutter knife hanger



- Check other suitable blades in page 437

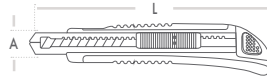


# Brushing, Cutting & Abrasion



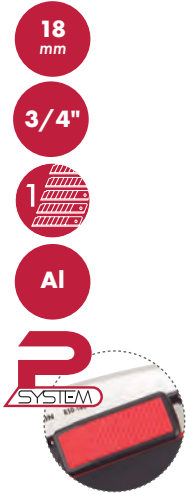
18 mm • 3/4"

Knife Cutters



850

Multi-function Cutter



CUT PRO

A mm	L mm	Blade Profile	Tip	Part N°	€
18	160	1	0,5	850-180	15,71

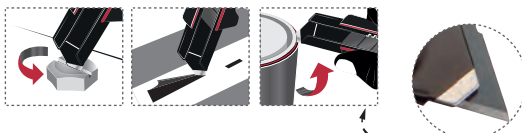
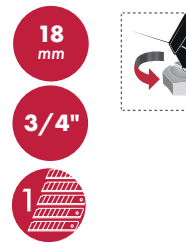
- Stainless steel tip. Maximum durability.
- Double guide blade clamping.
- Ergonomic, soft touch, bi material and aluminium handle.
- Anti-drop.



• Check other suitable blades in page 437

850

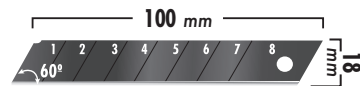
Multi-function Security Cutter



CUT PRO

A mm	L mm	Blade Profile	Tip	Part N°	€
18	190	1	0,5	850-181	14,98

- Extra long blade protection.
- Anti slip ergonomic handle with anti-drop.
- Two spare blades store.

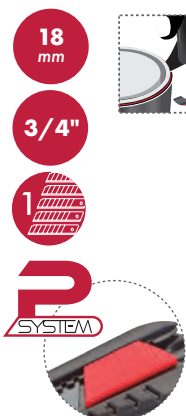


• Check other suitable blades in page 437



850

Multi-function Cutter



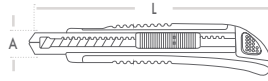
CUT PRO

A mm	L mm	Blade Profile	Tip	Part N°	€
18	160	1	0,5	850-182	12,34

- Anti slip ergonomic handle
- Spare blade store.
- Solid Carbide tip.



• Check other suitable blades in page 437



850

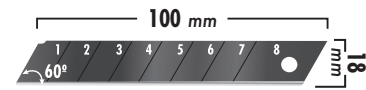
Multi-function Cutter

**SK2**  
**BLACK** Diamond



A mm	L mm			Part N°	€
18	160	1	0,5	850-183	12,52

- Anti slip ergonomic handle
- Spare blade store.
- Solid Carbide tip.



- Check other suitable blades in page 437

789

Screw Locking Knife Cutter

**HARD** Blades



**12**  
Pcs

**EXP**

Counter Display 12 Screw Locking Knife Cutters

A mm	L mm			Part N°	€
18	160	1	0,5	789-001	5,68

- Spare blade store.



- Check other suitable blades in page 437

Part N°	€
789-001J	68,16

789

Screw Locking Knife Cutter

**HARD** Blades



A mm	L mm			Part N°	€
18	160	1	0,5	789-002	5,06*

\* Until end of stock

- Spare blade store.



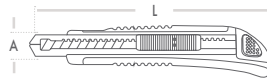
- Check other suitable blades in page 437

# Brushing, Cutting & Abrasion



18 mm • 3/4"

Knife Cutters



789

Utility Knife Cutter

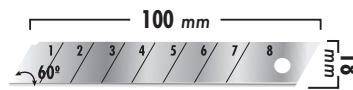
**HARD** Blades



A mm	L mm			Part N°	€
18	160	8	0,5	789-18	11,59*

\* Until end of stock

- Storage with 7 spare blades



- Check other suitable blades in page 437

12  
Pcs



275 x 290 x 140 mm

**EXP**

Counter Display 12 Knife Cutters  
with 7 Spares Blades

Part N°	€
789-18J	139,08*

\* Until end of stock

789

Utility Knife Cutter

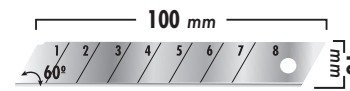
**HARD** Blades



A mm	L mm			Part N°	€
18	160	1	0,5	789S-18	6,06*

\* Until end of stock

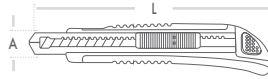
- Spare blade store.



- Check other suitable blades in page 437

## Knife Cutters

9 mm • 3/8"



**850**

Cutter

**SK2**  
**BLACK** Diamond



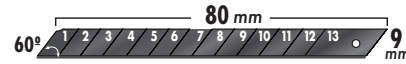
**CUT PRO**

A mm	L mm	Blade Thickness	Blade Width	Part N°	€
9	153	1	0,4	850-091	7,72



• Extra long blade protection

• Anti slip ergonomic handle with anti-drop.



• Check other suitable blades in page 438

**850**

Stainless Steel Cutter

**SK2**  
**BLACK** Diamond



**CUT PRO**

A mm	L mm	Blade Thickness	Blade Width	Part N°	€
9	153	1	0,4	850-092	7,78



INOX  
0,8mm



• Pocket Clip. Removable to replace blades.  
• 30° Maximum accuracy special blade.



• Check other suitable blades in page 438

**789**

Screw Locking Knife Cutter

**HARD** Blades



A mm	L mm	Blade Thickness	Blade Width	Part N°	€
9	140	1	0,5	789-003	4,80

• Spare blade store.



• Check other suitable blades in page 438

**789**

Utility Knife Cutter

**HARD** Blades



A mm	L mm	Blade Thickness	Blade Width	Part N°	€
9	140	5	0,5	789-09	7,90*

\* Until end of stock

• Storage with 4 spare blades



• Check other suitable blades in page 438

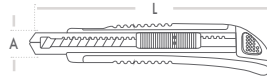


# Brushing, Cutting & Abrasion



19 mm • 3/4"

Knife Cutters



850

Security cutter



CUT PRO

A mm	L mm			Part N°	€
19	155	1	0,6	850-005	11,63

19 mm

3/4"

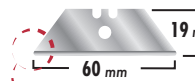
INOX  
1 mm

1

S  
SYSTEM



- Security system, blade self retractile.
- Stainless steel tip. Maximum durability.
- Soft touch, ergonomic handle with anti-drop.



• Check other suitable blades in page 438

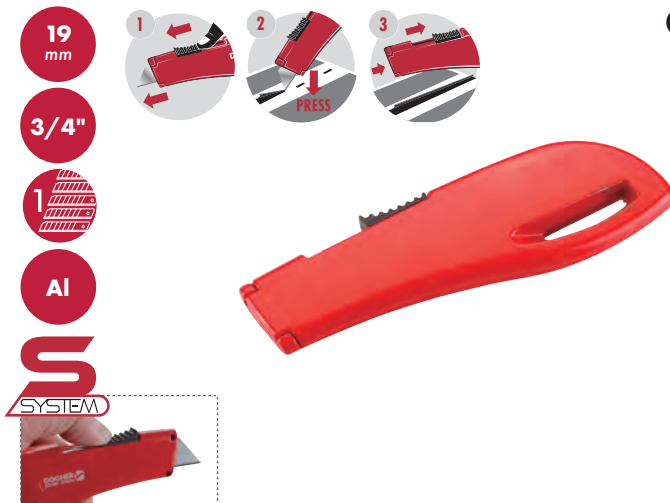


- Safer rounded corners



850

Security cutter



CUT PRO

A mm	L mm			Part N°	€
19	155	1	0,6	850-006	19,98

19 mm

3/4"

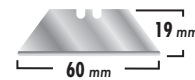
1

Al

S  
SYSTEM

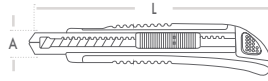


- Cardboard, adhesive tapes, film, foam, textile materials, pvc, rubber, leather, tapestry, felt, etc.
- Long working life. Metallic aluminium body.
- Anti-drop.



• Check other suitable blades in page 438





790

Heavy Duty Utility Knife Cutter

**HARD** Blades

19 mm

3/4"



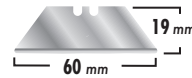
Zn



• Self retractile blade

A mm	L mm			Part N°	€
19	165	1	0,6	790-002	13,06

- Security system, blade self retractile.
- Soft touch, ergonomic handle with anti-drop.



• Check other suitable blades in page 438

850

Security cutter

**SK2** Long Life

19 mm

3/4"



+2

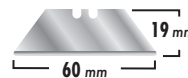


**CUT PRO**



A mm	L mm			Part N°	€
19	195	3	0,6	850-008	9,90

- Safe cutting system.
- Package opening.
- Blades store. 2 blades spare included.
- To cut and unpack, film, adhesive tape, packages, rubber and nylon.



• Check other suitable blades in page 438

850

Folding Cutter

**SK2**  
**BLACK** Diamond

19 mm

3/4"

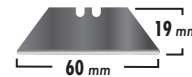


Al



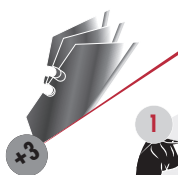
**CUT PRO**

A mm	L mm			Part N°	€
19	155	4	0,6	850-001	26,41



- Long working life aluminium body.
- Anti-drop.
- Blades store. 3 blades spare included..

• Check other suitable blades in page 438



+3

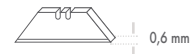
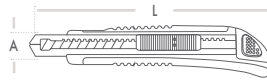


# Brushing, Cutting & Abrasion



19 mm • 3/4"

## Knife Cutters



790

### Folding Knife Cutter

**HARD** Blades

19 mm

3/4"

6

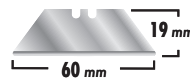
Al



- Includes 5 spare blades

A mm	L mm			Part N°	€
19	150	6	0,6	790-010	18,99

- Long working life aluminium body.



- Check other suitable blades in page 438

790

### Folding Knife Cutter

**HARD** Blades

19 mm

3/4"

6

Al

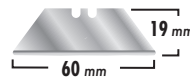


- Includes 5 spare blades
- Hanger at the back

A mm	L mm			Part N°	€
19	155	6	0,6	790-011	24,78*

- Long working life aluminium body.

\* Until end of stock



- Check other suitable blades in page 438

790

### Retractable Knife Cutter

**HARD** Blades

19 mm

3/4"

1

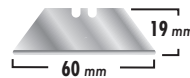
Zn



A mm	L mm			Part N°	€
19	170	1	0,6	790-020	22,35*

\* Until end of stock

- Blade storage
- Quick release
- Blade length adjusting button



- Check other suitable blades in page 438

790

### Retractable Knife Cutter

**HARD** Blades

19 mm

3/4"

5

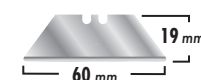
Zn



A mm	L mm			Part N°	€
19	145	15	0,6	790-030	28,57*

\* Until end of stock

- Includes 4 spare blades
- Quick release



- Check other suitable blades in page 438

**789**

### Nylon Bag for Knife Cutter

Suitable for  
789-09 / 789-003



A mm	Part N°	€
9	789V-09	10,46

Suitable for  
789-18 / 789S-18 / 789-001 / 789-002



A mm	Part N°	€
18	789V-18	11,73

Suitable for  
789-25



A mm	Part N°	€
25	789V-25	12,99



**850**

### Craft Cutter

**SK2** Long Life

8,5 mm



SCREW



11/32"



ANTI SLIP

1



ALUMINIUM

Al

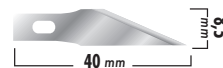
**CUT PRO**

QUICK CHANGE



A mm	L mm	Blade	Thickness	Part N°	€
8,5	145	1	0,5	850-095	6,52

• Spare blade store.

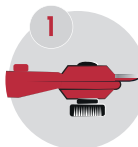


**850**

### Rotary Cutter

**HARD** Blades

Ø45 mm



1

Ø 45 mm

**CUT PRO**

Ø mm	Blade	Part N°	€
45	1	850-010	23,25



• Ergonomic handle with anti-drop.

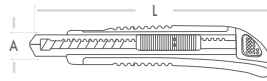
• Check other suitable blades in page 438





# Brushing, Cutting & Abrasion

Scraper, Mason Peg & Mixers



## 887 Professional Scraper

**HARD** Blades

- 12 mm
- 1/2"
- 1



• Check other suitable blades in page 438

A mm	L mm			Part N°	€
12	300	1	1,6	887-001	31,01

- Carbide blade
- 360° adjust knob
- Removes easily paint, glue, varnish and oxides.
- 360° adjust knob to proceed with different angles.
- Anti-slip ergonomic bi-material handle.

## 887 Scraper

**SK2** Long Life

- 17,5 mm
- 11/16"
- 1
- QUICK CHANGE



A mm	L mm			Part N°	€
17,5	380	1	0,36	887-010	41,95

- Check other suitable blades in page 438
- Blade protector.
- Anti slip ergonomic handle.

## 887 Scraper

**SK2** Long Life

- 17,5 mm
- 11/16"
- 3



A mm	L mm			Part N°	€
17,5	160	3	0,36	887-015	8,67

- Check other suitable blades in page 438
- Blades store. 2 blades spare included.
- Anti slip ergonomic handle with anti-drop.

## 887 Scraper

**HARD** Blades

- 19 mm
- 3/4"
- 2



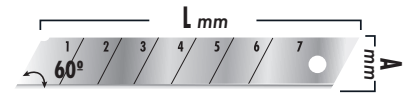
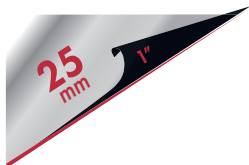
• Blade protector

A mm	L mm		Part N°	€
19	110	2	887-020	7,50

- Check other suitable blades in page 438
- Does not scratch the surface.
- Blades store. One blade spare included.
- Ergonomic handle with anti-drop.

**851/789R**

Knife Cutter Spare Blades



A mm	mm	L mm	Part N°	€ 10 Pcs	Part N°	€ 10 Pcs	Part N° x5	€ 50 Pcs
25	0,7	125	851-012	9,80	851-112	8,20	851-512	38,95
25	0,7	125	851-013	11,80	851-113	10,10	851-513	47,98
25	0,7	125	789R-25	6,50*	-	-	-	-

Suitable for  
850-250 / 850-251 / 789-25



**HARD** Blades



**SK2**  
**BLACK** Diamond

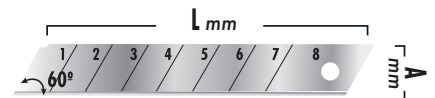


**HARD** Blades

\* Until end of stock

**851/789R**

Knife Cutter Spare Blades



A mm	mm	L mm	Part N°	€ 10 Pcs	Part N°	€ 10 Pcs	Part N° x5	€ 50 Pcs
18	0,5	100	851-006	6,50	851-106	5,70	851-506	27,08
18	0,5	100	851-007	7,90	851-107	7,00	851-507	33,25
18	0,5	100	789R-18	4,74*	-	-	-	-
18	0,5	100	851-011	6,60	851-111	5,70	851-511	27,08

Suitable for  
850-183 / 789-001 / 789-002 / 850-180  
850-181 / 850-182 / 789S-18 / 789-18



**HARD** Blades



**SK2**  
**BLACK** Diamond



**HARD** Blades



**SK2** Long Life

\* Until end of stock

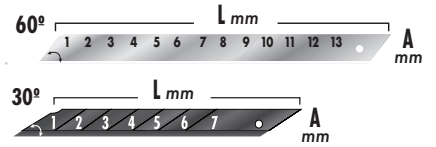
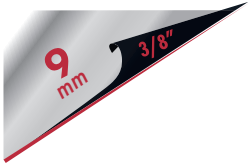
# Brushing, Cutting & Abrasion

## Spare Blades



### 851/789

#### Knife Cutter Spare Blades



A mm	mm	L mm	Part N°	€ 10 Pcs	Part N°	€ 10 Pcs	Part N°	€ 50 Pcs
9	0,4	80	851-001	3,90	851-101	3,40	851-501	16,15
9	0,4	80	851-002	5,00	851-102	4,20	851-502	19,95
9	0,4	80	851-003	6,90	851-103	6,10	851-503	28,98
9	0,4	80	789R-09	4,16 *	-	-	-	-
9	0,4	75	851-005	7,80	851-105	6,90	851-505	32,78

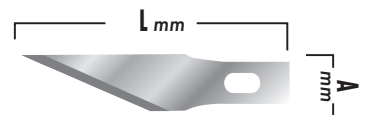
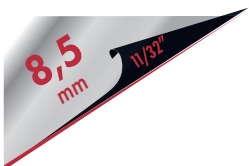
Suitable for  
850-091 / 789-09 / 789-003 / 850-092



\* Until end of stock

### 851

#### Knife Cutter Spare Blades



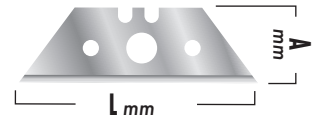
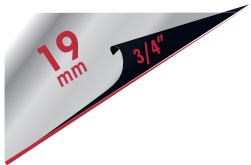
A mm	mm	L mm	Part N°	€ 10 Pcs
8,5	0,5	40	851-021	4,50

Suitable for  
850-095



**851/790**

Knife Cutter Spare Blades



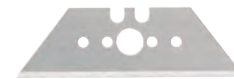
A mm	mm	L mm	Part N°		€	Part N°		€
19	0,6	60	851-015	10	5,50	-		
19	0,6	60	851-018	10	6,40	-		
19	0,6	60	790-01-10	10	4,76*	790-01-50	50	21,08*
19	0,6	60	851-017	10	6,40	-		
19	0,6	50	851-019	10	13,70	-		
19	0,6	50	790-02-05	5	4,91*	-		

Suitable for

850-001 / 790-010 / 790-011 / 850-005 / 850-006  
790-002 / 790-020 / 790-030 / 850-008



**SK2**  
BLACK Diamond



**SK2** Long Life



**HARD** Blades



**SK2** Long Life



**SK2** Long Life

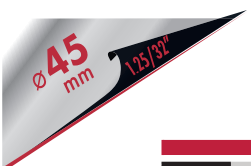


**HARD** Blades

\* Until end of stock

**850**

Knife Cutter Spare Blades



Ø mm		Part N°		€
45		850-010RA	1	7,12
45		850-010RB	1	12,10
45		850-010RC	1	12,10

Suitable for

850-010



850-010RA



850-010RB



850-010RC

**HARD** Blades



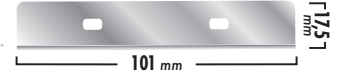
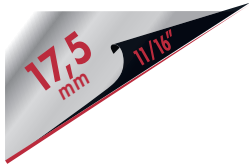
# Brushing, Cutting & Abrasion

Spare Blades & Multipurpose Foam Tray



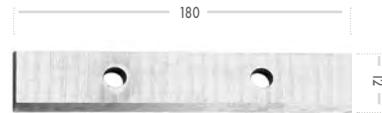
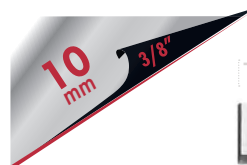
851

Scraper Spare Blades



A mm	mm	L mm	Part N°	€ 10 Pcs	Part N°	€ 10 Pcs	Part N° x5	€ 50 Pcs
17,5	0,36	101	851-020	6,20	851-120	5,40	851-520	25,65

Suitable for  
887-010 / 887-015



A mm	mm	L mm	Part N°	€ 10 Pcs
19	0,3	39	851-022	9,10

Inox

A mm	mm	L mm	Part N°	€ 10 Pcs
10	1,6	60	887-001R	18,54

Carbure

# DOGHER

® TOOLS

*Making Solutions*



454



457



458



459



460



462



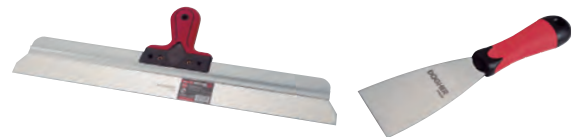
463



464



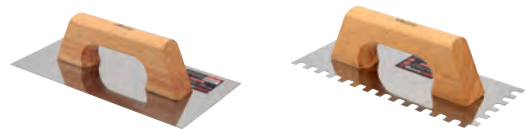
465



466



468



471



473



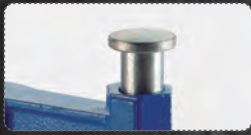
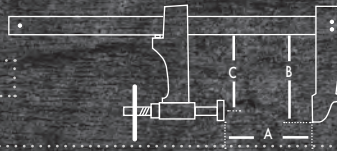
474

## Construction

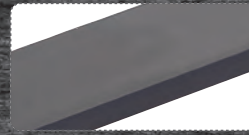
# 855

# Construction

## Piston System Clamps



**Double Thread Piston**  
Power and advance doubled  
Possible to work on irregular surfaces, tubes, etc



**Hot Rolled Steel Bar**  
Up to 90Kg/mm<sup>2</sup> resistance  
Antioxidant finish



**Non-slip tempered Steel brake**  
Possible to work with vibrations and impact  
avoiding the piece release



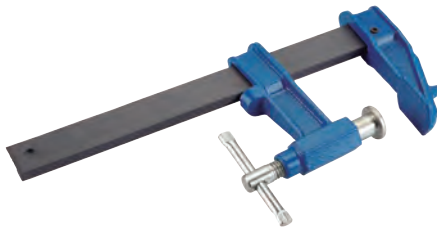
**Nodular Cast Iron Jaws**  
Great resistance, hardness and elasticity

**855**

### Piston System Clamps

**30x8**  
Bar

**900**  
Kg



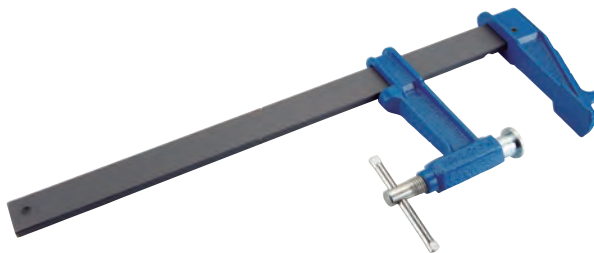
Bar	A mm	B mm	C mm	Part N°	€
<b>30x8</b>	150	85	70	855-30-150	28,03
	200			855-30-200	30,17
	250			855-30-250	32,39
	300			855-30-300	34,35
	400			855-30-400	37,70
	600			855-30-600	44,24

**855**

### Piston System Clamps

**35x8**  
Bar

**900**  
Kg



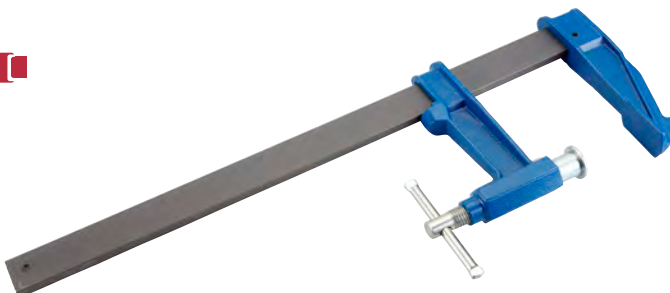
Bar	A mm	B mm	C mm	Part N°	€
<b>35x8</b>	200	120	105	855-35-200	34,93
	300			855-35-300	38,61
	400			855-35-400	42,01
	500			855-35-500	45,54
	600			855-35-600	48,84
	800			855-35-800	56,39
	1000			855-35-1000	63,74
	1200			855-35-1200	71,06
	1500			855-35-1500	81,18
	2000			855-35-2000	96,97

**855**

### Piston System Clamps

**40x10**  
Bar

**900**  
Kg

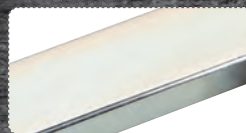


Bar	A mm	B mm	C mm	Part N°	€
<b>40x10</b>	200	150	125	855-40-200	63,29
	300			855-40-300	64,65
	400			855-40-400	68,94
	500			855-40-500	72,89
	600			855-40-600	76,26
	800			855-40-800	83,63
	1000			855-40-1000	90,07
	1200			855-40-1200	95,58
	1500			855-40-1500	103,92
	2000			855-40-2000	119,74
	2500			855-40-2500	137,75
	3000			855-40-3000	155,82





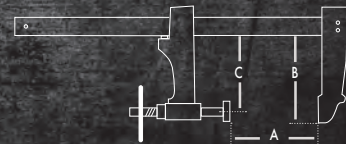
**Nodular Cast Iron Jaws**  
Great resistance, hardness and elasticity  
Fine thread arbor



**Hot Rolled Steel Bar**  
Up to 80Kg/mm<sup>2</sup> resistance  
Zinc finish



**Non-slip tempered Steel brake**  
Possible to work with vibrations and impact avoiding the piece release



**855**

Marquetry Clamps

**18x7**  
Bar

**400**  
Kg



Bar	A mm	B mm	C mm	Part N°	€
<b>18x7</b>	120	70	60	<b>855-18-120</b>	<b>17,07</b>
	150			<b>855-18-150</b>	<b>18,27</b>
	200			<b>855-18-200</b>	<b>19,53</b>
	250			<b>855-18-250</b>	<b>20,89</b>
	300			<b>855-18-300</b>	<b>22,48</b>

**855**

Telescopic Props

**300**  
Kg



L max.		L min.		Part N°	€
mm	kg max	mm	kg max		
<b>1700</b>	200	950	300	<b>855-95-170</b>	<b>58,35</b>
<b>2900</b>	100	1550	300	<b>855-155-290</b>	<b>63,42</b>

- 85x65mm Non-Slip plastic pads and angle adjustment. Each one contains 4 holes to anchor to the support surface.
- Extra-extension by means of the upper steel thread sleeve.
- Adjustment of the support with the nylon and fiberglass handle.
- Lock and Unlock system with high resistance steel discs.
- 5mm run spring in bottom base to ensure a quick clamping.
- Internal shock absorption in the base to soften the tube drop.
- 1mm thickness resistant steel tube.

Safety coefficient 1.5

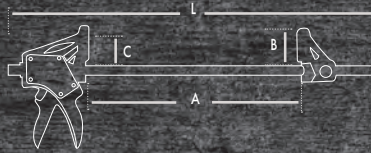
Test completed with 450 Kg: the support suffered no damage of any kind.





# Construction

## Bar Clamps & "C" Clamps



- Cabezales de Nylon y Fibra de Vidrio.
- Zapatas de Plástico reforzado con cruceta para sujeción de piezas tanto planas como irregulares.
- Mordaza reversible.
- Sistema de bloqueo-desbloqueo rápido.
- Sistema de muelles y 7 plefinas de acero para el avance y freno de la mordaza.
- Llanta de Acero al carbono con acabado en óxido negro.
- Pies ajustables para facilitar el asentamiento vertical sobre una mesa.

### 855

#### One Handed Bar Clamp

16x5  
Bar

120  
Kg



Bar	A mm	B mm	C mm	L mm	Part N°	€
16x5	150	65	45	323	855-150	24,77
	300			474	855-300	27,26
	450			624	855-450	29,68
	600			776	855-600	39,15
	750			928	855-750	42,18
	900			1085	855-900	45,02

### 856

#### Heavy Duty Bar Clamp

20x6  
Bar

150  
Kg



Bar	A mm	B mm	C mm	L mm	Part N°	€
20x6	150	90	60	355	856-150	37,71
	300			505	856-300	41,30
	450			655	856-450	54,54
	600			810	856-600	58,81
	750			960	856-750	63,17
	900			1110	856-900	67,44

### 859

#### "C" Clamp



L mm	Part N°	€
50	859-050	5,26
75	859-075	8,77
100	859-100	10,44

### 863

#### Forged "C" Clamp



L mm	Part N°	€
50	863-050	25,42
75	863-075	30,51
100	863-100	47,41
150	863-150	65,53



**857** Spring Clamp



L mm	A max.	Part N°	€
<b>85</b>	36	<b>857-075</b>	<b>1,77</b>
<b>100</b>	42	<b>857-100</b>	<b>2,80</b>
<b>150</b>	62	<b>857-150</b>	<b>4,10</b>
<b>225</b>	84	<b>857-225</b>	<b>5,23</b>

**858** Heavy Duty Spring Clamp



L mm	A max.	Part N°	€
<b>75</b>	32	<b>858-075</b>	<b>2,84</b>
<b>100</b>	48	<b>858-100</b>	<b>4,55</b>
<b>150</b>	54	<b>858-150</b>	<b>7,27</b>
<b>225</b>	76	<b>858-225</b>	<b>9,20</b>

**860** Long Nose Ratchet Hand Clamp



L mm	A max.	Part N°	€
<b>160</b>	53	<b>860-160</b>	<b>7,74</b>
<b>225</b>	79	<b>860-225</b>	<b>9,87</b>

**861** Ratchet Hand Clamp



L mm	A max.	Part N°	€
<b>160</b>	53	<b>861-160</b>	<b>7,74</b>
<b>225</b>	70	<b>861-225</b>	<b>9,87</b>

**862** Ratchet Hand Clamp



L mm	A max.	Part N°	€
<b>150</b>	36	<b>862-150</b>	<b>7,74</b>
<b>200</b>	46	<b>862-200</b>	<b>9,87</b>

**864** Metal Spring Clamp



L mm	A max.	Part N°	€
<b>50</b>	16	<b>864-050</b>	<b>1,60</b>
<b>100</b>	34	<b>864-100</b>	<b>3,88</b>
<b>150</b>	54	<b>864-150</b>	<b>7,75</b>
<b>225</b>	86	<b>864-225</b>	<b>13,57</b>

# Construction

Corner Clamp, Magnetic Arrow & Slate Cutter



867

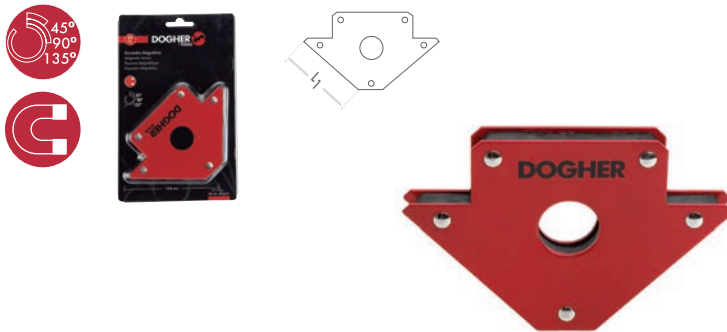
Corner Clamp



	Part N°	€
90°	867-001	24,00

867

Magnetic Arrow



Kg	L <sub>1</sub> mm	Part N°	€
12	90	867-011	8,67
25	115	867-012	13,60
36	135	867-013	21,27



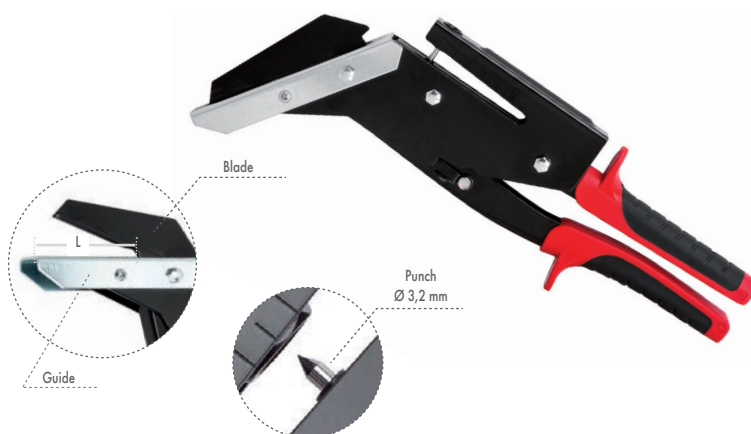
• 90° Welding



• 45°/135° Welding

896

Professional Slate Cutter and Puncher



- 7 mm Maximum Cutting and Drilling Thickness
- 2,8 mm Cutting Width

L mm	Part N°	€
35	896-35	72,88*

Spare Blade

35	896-35-SB	11,18*
55	896-55-SB	11,61*

Spare Punch

35-55	896-55-PR	5,83*
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Spare Guide

35	896-35-GR	9,02*
55	896-55-GR	10,59*

Spare Spring

35-55	896-55-KR	1,59*
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\* Until end of stock

**890**

Brass Plumb Bob



g	Part N°	€
225	890-225	22,15*
340	890-340	25,65*
500	890-500	33,62*

\* Until end of stock



- Decks & construction
- Transit placement
- Includes 5 m string
- Replaceable Hardened Tip

**890R**

Spare Point



Suitable for  
890



g	Part N°	€
225	890R-225	2,46*
340	890R-340	2,85*
500	890R-500	3,73*

**891**

Plumb and Magnetic Steel Nut

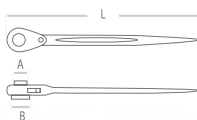


g	Part N°	€
500	891-500	23,65
600	891-600	24,89
700	891-700	26,00
1000	891-1000	37,13
1500	891-1500	48,22

- Plumb and Magnetic Steel Nut.
- Professional use. Tests and aligns the verticality of walls.
- Length of the string: 5m.

**892**

Double Socket Scaffolding Wrench



A mm	B mm	L mm	Part N°	€
17	19	320	892-17-19	48,55
19	22	320	892-19-22	48,55
22	24	360	892-22-24	66,28
30	32	440	892-30-32	81,94

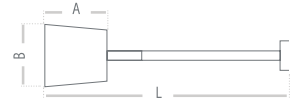


# Construction

## Wooden Handle Shovels



- Head made of anti wear steel
- Anti-rusty finish
- High resistant wooden handle



**870**

T Handle Pointed Shovel



g	A mm	B mm	L mm	Part N°	€
2000	340	280	1020	870-010	29,83

**870**

T Handle Square Shovel



g	A mm	B mm	L mm	Part N°	€
2000	340	280	1020	870-020	29,83

**870**

Ring Handle Pointed Shovel



g	A mm	B mm	L mm	Part N°	€
2000	340	280	1020	870-030	33,49

**870**

Ring Handle Square Shovel



g	A mm	B mm	L mm	Part N°	€
2000	340	280	1020	870-040	34,09

**870**

Hardwood T Handle



Suitable for  
870-010 / 870-020



L mm	Part N°	€
680	870-001	9,76

**870**

Hardwood Ring Handle



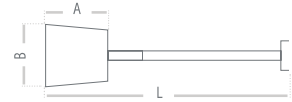
Suitable for  
870-030 / 870-040



L mm	Part N°	€
700	870-002	13,67

**HANDLE**  
**XL 1300mm**

- Head made of anti wear steel
- Anti-rusty finish
- High resistant wooden handle



**870**

T Handle Pointed Shovel



g	A mm	B mm	L mm	Part N°	€
<b>2200</b>	340	280	1300	<b>870-015</b>	<b>40,51</b>

**870**

T Handle Square Shovel



g	A mm	B mm	L mm	Part N°	€
<b>2200</b>	340	280	1300	<b>870-025</b>	<b>40,51</b>

**870**

Ring Handle Pointed Shovel



g	A mm	B mm	L mm	Part N°	€
<b>2400</b>	340	280	1300	<b>870-035</b>	<b>42,54</b>

**870**

Ring Handle Square Shovel



g	A mm	B mm	L mm	Part N°	€
<b>2200</b>	340	280	1300	<b>870-045</b>	<b>42,54</b>

**870**

Hardwood T Handle



Suitable for  
870-015 / 870-025



L mm	Part N°	€
<b>960</b>	<b>870-003</b>	<b>22,24</b>

**870**

Hardwood Ring Handle



Suitable for  
870-035 / 870-045



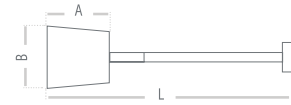
L mm	Part N°	€
<b>960</b>	<b>870-004</b>	<b>22,24</b>

# Construction

## Aluminium & Plastic Shovels



- Aluminium head
- Anti-rusty finish
- High resistant wooden handle



**871**

Ring Handle Aluminium Shovel



g	A mm	B mm	L mm	Part N°	€
<b>1500</b>	390	315	1130	<b>871-010</b>	<b>50,35</b>

**871**

Ring Handle Aluminium Shovel



g	A mm	B mm	L mm	Part N°	€
<b>1000</b>	305	245	1020	<b>871-030</b>	<b>37,54</b>

**871**

Aluminium Shovel



g	A mm	B mm	L mm	Part N°	€
<b>1500</b>	390	315	1530	<b>871-020</b>	<b>47,41</b>

**870**

Forestry Shovel



g	A mm	B mm	L mm	Part N°	€
<b>2000</b>	330	280	1450	<b>870-050</b>	<b>35,08</b>

**871**

D-Handle Plastic Shovel



g	A mm	B mm	L mm	Part N°	€
<b>1600</b>	460	360	1250	<b>871-050</b>	<b>44,34</b>

**870**

Ring Handle Square Shovel



g	A mm	B mm	L mm	Part N°	€
<b>1800</b>	295	225	1010	<b>870-041</b>	<b>35,23</b>

**874** Rake Head



N°	g	A mm	B mm	Part N°	€
12	575	350	95	874-012	13,32
14	670	410	95	874-014	14,06
16	776	475	95	874-016	14,82

**874** Spare handle for Rake

Suitable for  
874-012 / 874-014 / 874-016



L mm	Part N°	€
1200	874-001	11,66

**875** Fork



N°	g	A mm	B mm	Part N°	€
4	755	330	200	875-014	23,22
5	934	330	220	875-015	27,69

**875** Ring Handle for Fork

Suitable for  
875-014 / 875-015



L mm	Part N°	€
905	875-001	11,20
1210	875-001L	11,93

**875** Professional Hay Rake



N°	g	A mm	B mm	Part N°	€
4	700	110	210	875-024	27,96
5	900	100	200	875-025	28,09

**875** Spare Handle for Hay Rake

Suitable for  
875-024 / 875-025



L mm	Part N°	€
1200	875-002	12,93



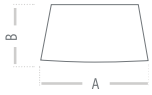
# Construction

## Scrapers



**876**

Rectangular Scraper



g	A mm	B mm	Part N°	€
1400	310	130	876-010	25,64

**875**

Ring Handle for Rectangular Scraper

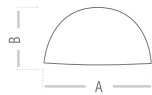
Suitable for  
876-010



L mm	Part N°	€
1100	874-002	11,93

**876**

Half Round Scraper



g	A mm	B mm	Part N°	€
1200	270	160	876-020	22,84

**875**

Ring Handle for Half Round Scraper

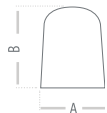
Suitable for  
876-020



L mm	Part N°	€
1100	874-002	11,93

**876**

Weeder Head



g	A mm	B mm	Part N°	€
500	75	120	876-030	20,33

**875**

Ring Handle for Weeder Head

Suitable for  
876-030



L mm	Part N°	€
900	875-003	9,34

**884**

Wrecking Bar



L mm	mm	Part N°	€
<b>300</b>	14	<b>884-04-300</b>	<b>14,59</b>
<b>500</b>	20	<b>884-05-500</b>	<b>21,57</b>
<b>600</b>	20	<b>884-05-600</b>	<b>27,73</b>
<b>700</b>	20	<b>884-05-700</b>	<b>31,52</b>
<b>800</b>	22	<b>884-05-800</b>	<b>34,98</b>
<b>900</b>	22	<b>884-05-900</b>	<b>40,82</b>
<b>1000</b>	22	<b>884-05-1000</b>	<b>45,17</b>
<b>1200</b>	22	<b>884-05-1200</b>	<b>50,92</b>

• Drop forged steel • Anti-rusty finish

**884**

Flat Wrecking Bar

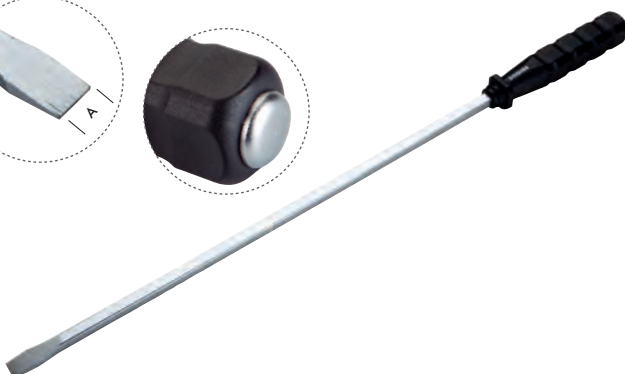


L mm	Part N°	€
<b>175</b>	<b>884-175</b>	<b>10,87</b>
<b>380</b>	<b>884-380</b>	<b>22,10</b>

• Designed to remove nails, wood strips, tile, etc

**885**

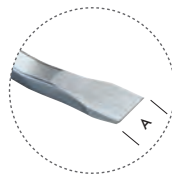
Door Opener Straight Head



L	A mm	Part N°	€
<b>650</b>	20	<b>885-01-600</b>	<b>64,17</b>

**885**

Door Opener Curved Head



L	A mm	Part N°	€
<b>650</b>	20	<b>885-02-600</b>	<b>64,17</b>

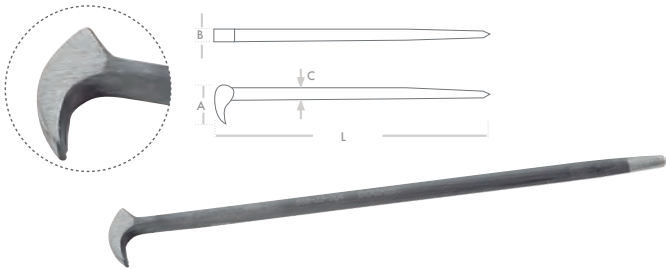
# Construction

## Rolling Head Pry Bar & Tool for Bending Rebar



**888**

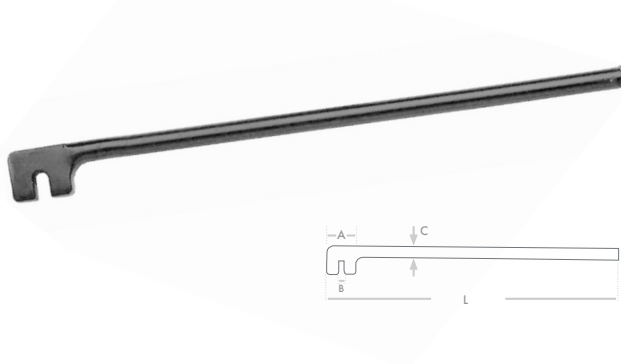
Rolling Head Pry Bar



L mm	A mm	B mm	C mm	Part N°	€
<b>304</b>	35	10	10	<b>888-36-304</b>	<b>25,50</b>
<b>406</b>	49	14	14	<b>888-44-406</b>	<b>33,13</b>
<b>503</b>	54	16	16	<b>888-58-503</b>	<b>41,73</b>

**889**

Tool for Bending Rebar



L mm	A mm	B mm	C mm	Part N°	€
<b>390</b>	30	8	13	<b>889-039</b>	<b>18,89</b>
<b>460</b>	38	10	16	<b>889-046</b>	<b>20,84</b>
<b>500</b>	40	12	16	<b>889-050</b>	<b>23,79</b>
<b>600</b>	50	14	21	<b>889-060</b>	<b>28,73</b>
<b>700</b>	50	16	21	<b>889-070</b>	<b>36,10</b>
<b>850</b>	50	18	21	<b>889-085</b>	<b>43,06</b>
<b>1000</b>	50	20	21	<b>889-100</b>	<b>54,17</b>
<b>1100</b>	60	22	26	<b>889-110</b>	<b>70,31</b>

• High resistance hardened and tempered steel bar. Used for bending rebar

**886**

Filling Scraper Bimaterial Handle



C mm	Part N°	€
<b>400</b>	<b>886-030</b>	<b>20,52</b>
<b>500</b>	<b>886-031</b>	<b>23,70</b>
<b>600</b>	<b>886-032</b>	<b>27,94</b>

**877**

Filling Scraper Bimaterial Handle  
Flexible blade



C mm	Part N°	€
<b>120</b>	<b>877-120</b>	<b>10,92</b>
<b>140</b>	<b>877-140</b>	<b>11,29</b>
<b>160</b>	<b>877-160</b>	<b>12,03</b>
<b>180</b>	<b>877-180</b>	<b>13,13</b>
<b>200</b>	<b>877-200</b>	<b>13,98</b>
<b>220</b>	<b>877-220</b>	<b>14,31</b>
<b>240</b>	<b>877-240</b>	<b>15,08</b>

**878**

Filling Scraper Wooden Handle  
Flexible blade

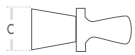


C mm	Part N°	€
<b>120</b>	<b>878-120</b>	<b>6,77</b>
<b>140</b>	<b>878-140</b>	<b>7,61</b>
<b>160</b>	<b>878-160</b>	<b>9,02</b>
<b>200</b>	<b>878-200</b>	<b>10,54</b>
<b>220</b>	<b>878-220</b>	<b>11,35</b>
<b>240</b>	<b>878-240</b>	<b>12,01</b>

**879**

Scraper Bimaterial Handle  
Rigid blade

Inox

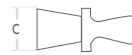


C mm	Part N°	€
30	879-30	6,11
40	879-40	6,16
50	879-50	6,46
60	879-60	6,75
70	879-70	7,22
80	879-80	7,74
100	879-100	8,64
120	879-120	9,93
150	879-150	11,91

**880**

Scraper Wooden Handle  
Rigid blade

CrV

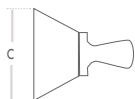


C mm	Part N°	€
25	880-25	4,54
40	880-40	4,82
50	880-50	4,95
60	880-60	5,09
75	880-75	5,30
85	880-85	5,75
100	880-100	7,05
120	880-120	7,48

**881**

Scraper Bimaterial Handle  
Rigid blade

Inox



C mm	Part N°	€
30	881-30	6,40
40	881-40	6,47
50	881-50	6,77
60	881-60	7,09
70	881-70	7,59
80	881-80	8,13
100	881-100	9,06
120	881-120	10,43
150	881-150	12,51

**881**

Scraper Bimaterial Handle  
Rigid blade

Inox



C mm	Part N°	€
152	881-PH2	21,12

- Reinforced handle for beating



**Trowels**

Welded trowels by an advanced technology ensuring the highest quality and resistance.

Progressive thickness sheet.



Unbreakable welding

Hardened Steel



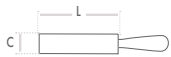
Ergonomic Bimaterial Handle

Protection

Perfect flatness

**883**

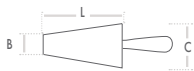
Tuck Pointing Trowel Wooden Handle



C mm	L mm	Part N°	€
<b>8</b>	170	<b>883-001</b>	<b>5,38</b>
<b>10</b>	170	<b>883-002</b>	<b>5,55</b>

**883**

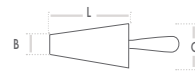
Bucket Trowel Wooden Handle



Type	C mm	B mm	L mm	Part N°	€
<b>A</b>	<b>115</b>	85	180	<b>883-01-180</b>	<b>13,05</b>
<b>C</b>	<b>117</b>	90	190	<b>883-01-190</b>	<b>14,12</b>

**883**

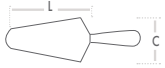
Bucket Trowel Bimaterial Handle



Type	C mm	B mm	L mm	Part N°	€
<b>A</b>	<b>115</b>	85	180	<b>883-02-180</b>	<b>15,73</b>
<b>C</b>	<b>117</b>	92	190	<b>883-02-190</b>	<b>16,51</b>

**883**

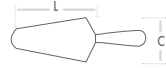
Madrid Model Trowel Wooden Handle



Type	C mm	L mm	Part N°	€
<b>D</b>	<b>82</b>	140	<b>883-03-140</b>	<b>9,28</b>
<b>F-H</b>	<b>98</b>	178	<b>883-03-180</b>	<b>11,32</b>
<b>J</b>	<b>110</b>	200	<b>883-03-200</b>	<b>11,84</b>

**883**

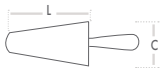
Madrid Model Trowel Bimaterial Handle



Type	C mm	L mm	Part N°	€
<b>D</b>	<b>82</b>	140	<b>883-04-140</b>	<b>12,11</b>
<b>F-H</b>	<b>98</b>	178	<b>883-04-180</b>	<b>14,31</b>
<b>J</b>	<b>110</b>	200	<b>883-04-200</b>	<b>14,88</b>

**883**

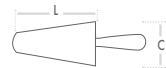
Catalan Model Trowel Wooden Handle



Type	C mm	L mm	Part N°	€
<b>A</b>	<b>115</b>	155	<b>883-05-155</b>	<b>13,02</b>
<b>B</b>	<b>120</b>	170	<b>883-05-170</b>	<b>13,29</b>
<b>C</b>	<b>125</b>	185	<b>883-05-180</b>	<b>13,75</b>

**883**

Catalan Model Trowel Bimaterial Handle



Type	C mm	L mm	Part N°	€
<b>A</b>	<b>115</b>	155	<b>883-06-155</b>	<b>14,83</b>
<b>B</b>	<b>120</b>	170	<b>883-06-170</b>	<b>15,08</b>
<b>C</b>	<b>125</b>	185	<b>883-06-180</b>	<b>15,65</b>

**883**

Sevilla Model Trowel Wooden Handle



Type	C mm	L mm	Part N°	€
<b>A</b>	<b>110</b>	190	<b>883-07-190</b>	<b>13,64</b>

**883**

Sevilla Model Trowel Bimaterial Handle



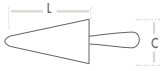
Type	C mm	L mm	Part N°	€
<b>A</b>	<b>110</b>	190	<b>883-08-190</b>	<b>15,76</b>

# Construction

## Trowels

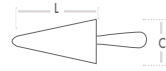


**883** Sharp Tip Trowel Wooden Handle



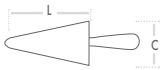
C mm	L mm	Part N°	€
70	130	883-09-130	9,50

**883** Sharp Tip Trowel Bimaterial Handle



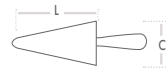
C mm	L mm	Part N°	€
70	130	883-10-130	12,47

**883** Round Tip Trowel Wooden Handle



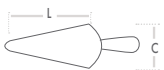
C mm	L mm	Part N°	€
68	125	883-11-125	9,28

**883** Round Tip trowel Bimaterial Handle



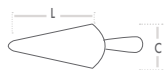
C mm	L mm	Part N°	€
68	125	883-12-125	12,30

**883** Bay Leaf Trowel Wooden Handle



C mm	L mm	Part N°	€
68	130	883-13-130	8,86

**883** Bay Leaf Trowel Bimaterial Handle



C mm	L mm	Part N°	€
68	130	883-14-130	11,82

**886** Plastering Trowel Wooden Handle



Inox

C mm	L mm	Part N°	€
125	280	886-001	16,59

**886** Plastering Trowel Wooden Handle



Inox

Type	C mm	L mm	Part N°	€
1	150	300	886-002	15,31

**886** Plastering Trowel Wooden Handle



Inox

Type	C mm	L mm	Part N°	€
1 A	150	300	886-003	20,70

**886** Trapezoidal Plastering Trowel Wooden Handle



Inox

Type	C mm	L mm	Part N°	€
1	140	300	886-004	16,37

**886** Adhesive Trowel Wooden Handle



Inox

6x6 mm

Type	C mm	L mm	Part N°	€
06	120	280	886-005	16,78

**886** Adhesive Trowel Wooden Handle



Inox

8x8 mm

Type	C mm	L mm	Part N°	€
08	120	280	886-006	16,29



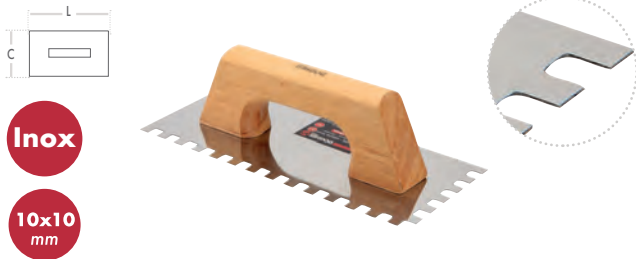
# Construction

## Trowels and Scrapers



**886**

Adhesive Trowel Wooden Handle



**Inox**

**10x10 mm**

C mm	L mm	Part N°	€	
10	120	280	886-007	17,21

**886**

Half Moon Plastering Trowel



**Inox**

C mm	L mm	R mm	Part N°	€
150	300	R75	886-008	14,88

**886**

Plastering Trowel Wooden Handle



**Inox**

C mm	L mm	Part N°	€
130	500	886-009	23,65

**886**

Flooring Adhesive Trowel



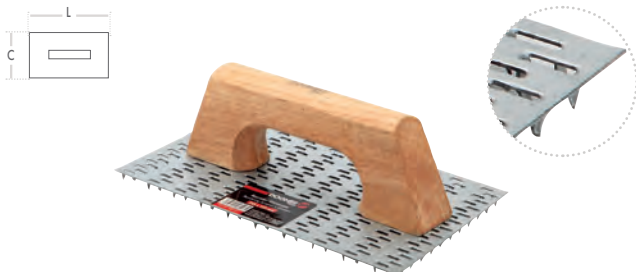
**Inox**

**8x8 mm**

C mm	L mm	Part N°	€
130	500	886-010	29,62

**886**

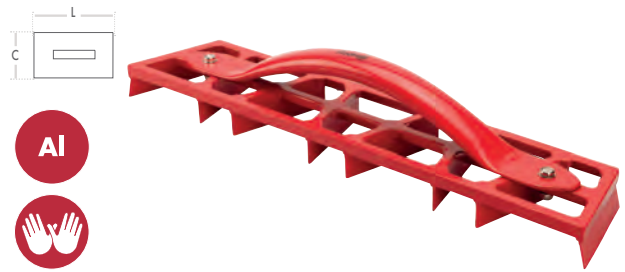
Rendering Scraper



C mm	L mm	Part N°	€
155	245	886-011	21,74

**886**

Plaster Scraper



**Al**



C mm	L mm	Part N°	€
80	450	886-012	34,38

**886** Foam Rubber Sponge Float



C mm	L mm	Part N°	€
140	280	886-016	17,06

- 20mm Thick Sponge Base
- Polystyrene Handle and Base
- Diameter of holes bigger than Ref.886-017

**886** High Density Foam Rubber Sponge Float



C mm	L mm	Part N°	€
140	280	886-017	17,45

- 20mm Thick Sponge Base
- Polystyrene Handle and Base
- Diameter of holes smaller than Ref.886-016

**886** Rectangular Plastic Float



C mm	L mm	Part N°	€
180	270	886-013	7,24

**886** Pointed Plastic Float



C mm	L mm	Part N°	€
180	270	886-014	7,29

**886** Gum Rubber Grout Float



C mm	L mm	Part N°	€
100	240	886-015	16,53

**886** Low Density Sponge Float



C mm	L mm	Part N°	€
140	280	886-018	13,68

- Low Density Foam
- 30mm Thick Sponge Base

# Construction

## Mason Peg & Mixers



890

Mason Peg



L mm	Part N°	€
250	890-001	6,63

890

Liquid Paddle Mixer



L mm	Ø mm	Hex	g	Part N°	€
400	80	7,8	245	890-010	16,17
600	100	9,5	500	890-011	17,34

- Mixer Rod range for low density materials as paint among others.
- Hexagonal Rod for drilling machine attachment

890

Mortar Paddle Mixer



L mm	Ø mm	Hex	g	Part N°	€
600	100	14	660	890-020	24,76
600	120	14	1004	890-022	27,69
600	140	14	1110	890-024	31,12

- Mixer Rod range for high density materials as mortar among others.
- Mixer Rod connection with M14 thread.

# DOGHER

® TOOLS

*Making Solutions*



476



491



477



492



482



493



483



495  
496



484



486



488

## Varied Tools 900



# Varied Tools

## Nut Splitter

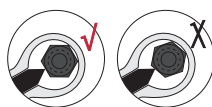


901

### Professional Nut Splitter



mm	Part N°	€
3 ~ 12 mm	901-03-12	38,56
12 ~ 16 mm	901-12-16	45,02
16 ~ 22 mm	901-16-22	55,65



- Splits nut up without damaging the thread.
- Place the nut splitter as indicated in the drawing for a correct use of the tool.

905

### Threaded Pin Extractor with Sliding Hammer Shaft M3-M4-M5-M6-M8-M10



Part N°	€
905-150	157,25



M12x1,5

905

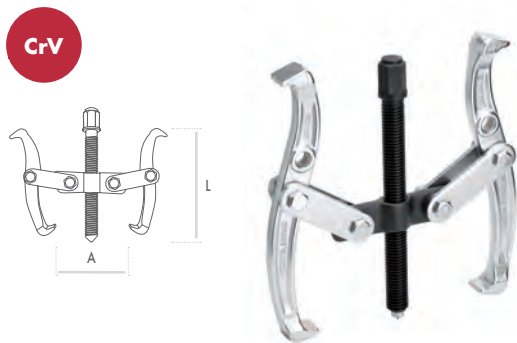
### Threaded Inserts



Threaded	Part N°	€
M3	905-103	13,63
M4	905-104	13,63
M5	905-105	13,63
M6	905-106	13,63
M8	905-108	13,63
M10	905-110	13,63

**902**

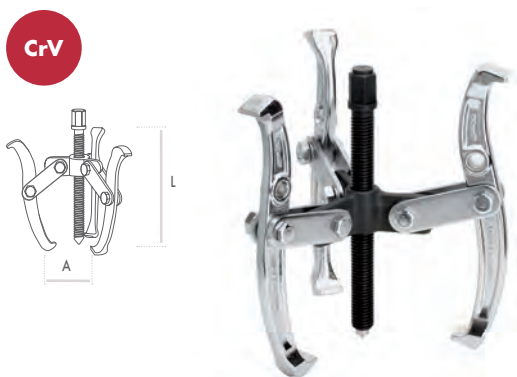
Reversible 2 Arm Gear Puller



L mm	L"	A min-A max	Thread	Max. tension (KN)	Part N°	€
<b>75</b>	3"	15-80	Tr 12x2	11	<b>902-075</b>	<b>46,64</b>
<b>100</b>	4"	20-110	Tr 14x2,5	18	<b>902-100</b>	<b>54,92</b>
<b>150</b>	6"	25-160	Tr 17x2,5	30	<b>902-150</b>	<b>73,58</b>
<b>200</b>	8"	30-210	Tr 21x2,5	50	<b>902-200</b>	<b>134,14</b>
<b>300</b>	12"	50-310	Tr 30x4	98	<b>902-300</b>	<b>289,12</b>

**903**

Reversible 3 Arm Gear Puller



L mm	L"	A min-A max	Thread	Max. tension (KN)	Part N°	€
<b>75</b>	3"	15-80	Tr 12x2	16	<b>903-075</b>	<b>55,97</b>
<b>100</b>	4"	20-110	Tr 14x2,5	26	<b>903-100</b>	<b>65,90</b>
<b>150</b>	6"	25-160	Tr 17x2,5	44	<b>903-150</b>	<b>88,28</b>
<b>200</b>	8"	30-210	Tr 21x2,5	70	<b>903-200</b>	<b>160,95</b>
<b>300</b>	12"	50-310	Tr 30x4	110	<b>903-300</b>	<b>423,62</b>

**900/902/903**

Gear Puller Spare Parts

L mm	L"	Arm		Spindle		Suitable for	L mm	L"	Body		Suitable for
		Part N°	€/u.	Part N°	€				Part N°	€	
<b>75</b>	3"	<b>900-075G</b>	<b>23,32</b>	<b>900-075H</b>	<b>14,00</b>	<b>902-075 / 903-075</b>	<b>75</b>	3"	<b>902-075C</b>	<b>9,32</b>	<b>902-075</b>
<b>100</b>	4"	<b>900-100G</b>	<b>27,46</b>	<b>900-100H</b>	<b>16,47</b>	<b>902-100 / 903-100</b>	<b>100</b>	4"	<b>902-100C</b>	<b>10,98</b>	<b>902-100</b>
<b>150</b>	6"	<b>900-150G</b>	<b>29,43</b>	<b>900-150H</b>	<b>22,07</b>	<b>902-150 / 903-150</b>	<b>150</b>	6"	<b>902-150C</b>	<b>14,72</b>	<b>902-150</b>
<b>200</b>	8"	<b>900-200G</b>	<b>46,95</b>	<b>900-200H</b>	<b>40,24</b>	<b>902-200 / 903-200</b>	<b>200</b>	8"	<b>902-200C</b>	<b>26,83</b>	<b>902-200</b>
<b>300</b>	12"	<b>900-300G</b>	<b>115,65</b>	<b>900-300H</b>	<b>57,82</b>	<b>902-300 / 903-300</b>	<b>300</b>	12"	<b>902-300C</b>	<b>52,04</b>	<b>902-300</b>

L mm	L"	Body		Suitable for
		Part N°	€	
<b>75</b>	3"	<b>903-075C</b>	<b>11,19</b>	<b>903-075</b>
<b>100</b>	4"	<b>903-100C</b>	<b>13,18</b>	<b>903-100</b>
<b>150</b>	6"	<b>903-150C</b>	<b>17,66</b>	<b>903-150</b>
<b>200</b>	8"	<b>903-200C</b>	<b>32,19</b>	<b>903-200</b>
<b>300</b>	12"	<b>903-300C</b>	<b>84,72</b>	<b>903-300</b>

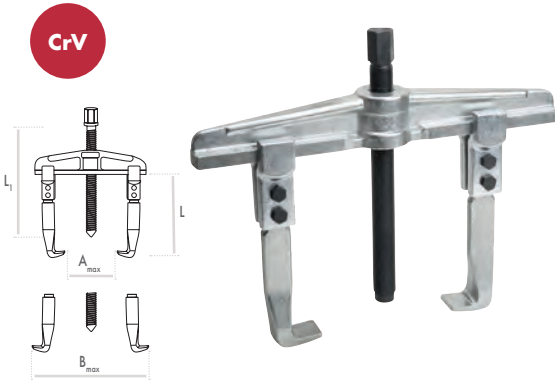
# Varied Tools

## Gear Pullers



**904**

### Reversible Universal 2 Arm Gear Puller



A min-A max	B min-Bmax	L	Thread	L <sub>1</sub>	Max. tension (KN)	Part N°	€
<b>30-90</b>	70-130	100	M14x1,5	130	30	<b>904-90-100</b>	<b>79,36</b>
<b>35-130</b>	80-180	100	M14x1,5	130	30	<b>904-130-100</b>	<b>80,70</b>
<b>40-160</b>	105-220	150	M20x2	210	42	<b>904-160-150</b>	<b>133,84</b>
<b>40-200</b>	120-270	150	M20x2	210	42	<b>904-200-150</b>	<b>184,28</b>
<b>60-250</b>	160-330	205	M27x2	280	60	<b>904-250-200</b>	<b>336,26</b>
<b>60-350</b>	160-420	205	M27x2	280	60	<b>904-350-200</b>	<b>367,36</b>
<b>90-520</b>	195-600	205	M27x2	280	60	<b>904-520-200</b>	<b>629,55</b>

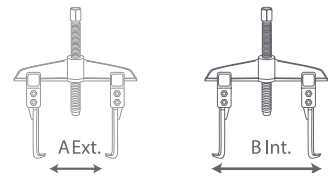
**904**

### Gear Puller Spare Parts

L mm	L"	Arm		Spindle		Suitable for
		Part N°	€/u.	Part N°	€	
<b>100</b>	4"	<b>904-001G</b>	<b>31,74</b>	<b>904-001H</b>	<b>23,80</b>	<b>904-90-100 / 904-130-100</b>
<b>150</b>	6"	<b>904-002G</b>	<b>53,54</b>	<b>904-002H</b>	<b>40,15</b>	<b>904-160-150 / 904-200-150</b>
<b>200</b>	8"	<b>904-003G</b>	<b>134,51</b>	<b>904-003H</b>	<b>67,25</b>	<b>904-250-200 / 904-350-200 / 904-520-200</b>

L mm	L"	Body		
		Part N°	€	Suitable for
<b>100</b>	4"	<b>904-90-100C</b>	<b>31,74</b>	<b>904-90-100</b>
<b>100</b>	4"	<b>904-130-100C</b>	<b>33,89</b>	<b>904-130-100</b>
<b>150</b>	6"	<b>904-160-150C</b>	<b>53,54</b>	<b>904-160-150</b>
<b>150</b>	6"	<b>904-200-150C</b>	<b>73,71</b>	<b>904-200-150</b>
<b>200</b>	8"	<b>904-250-200C</b>	<b>94,15</b>	<b>904-250-200</b>
<b>200</b>	8"	<b>904-350-200C</b>	<b>110,21</b>	<b>904-350-200</b>
<b>200</b>	8"	<b>904-520-200C</b>	<b>346,25</b>	<b>904-520-200</b>

**Gear Pullers**



**905**

Multiple 2 arm gear puller

CrV

100 mm

200 mm

250 mm



L mm	A min-A max	B min-B max	Part N°	€
<b>100-250</b>	30-140	55-170	<b>905-001</b>	<b>265,91</b>

Body	
Part N°	€
<b>905-001C</b>	<b>79,77</b>

Spindle	
Part N°	€
<b>905-001H</b>	<b>53,18</b>

		Arm	
L mm	L"	Part N°	€/u.
<b>100</b>	4"	<b>905-001G1</b>	<b>45,20</b>
<b>200</b>	8"	<b>905-001G2</b>	<b>55,84</b>
<b>250</b>	10"	<b>905-001G3</b>	<b>74,46</b>

**905**

Multiple 3 arm gear puller

CrV

100 mm

200 mm

250 mm



L mm	A min-A max	B min-B max	Part N°	€
<b>100-250</b>	30-140	70-170	<b>905-002</b>	<b>381,11</b>

Body	
Part N°	€
<b>905-002C</b>	<b>95,28</b>

Spindle	
Part N°	€
<b>905-001H</b>	<b>53,18</b>

		Arm	
L mm	L"	Part N°	€/u.
<b>100</b>	4"	<b>905-001G1</b>	<b>45,20</b>
<b>200</b>	8"	<b>905-001G2</b>	<b>55,84</b>
<b>250</b>	10"	<b>905-001G3</b>	<b>74,46</b>



# Varied Tools

## Gear Pullers



**905**

Multiple 3 arm gear puller

CrV

200  
mm

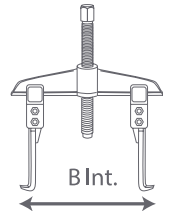
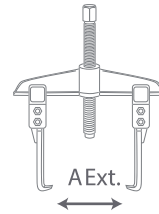
300  
mm



M20x2



L mm	A min-A max	B min-B max	Part N°	€
<b>200-300</b>	40-220	110-270	<b>905-003</b>	<b>471,48</b>



Body	€
Part N°	
<b>905-003C</b>	<b>127,30</b>

Spindle	€
Part N°	
<b>905-003H</b>	<b>94,30</b>

		Arm	
L mm	L"	Part N°	€/u.
<b>200</b>	8"	<b>905-003G2</b>	<b>99,02</b>
<b>250</b>	10"	<b>905-003G3</b>	<b>108,44</b>

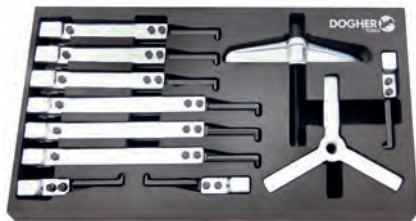
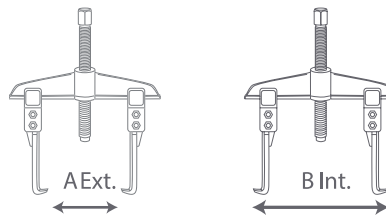
**905**

Multiple 2 & 3 arm gear puller

- CrV
- 100 mm
- 200 mm
- 250 mm



L mm	A min-A max	B min-B max	Part N°	€
<b>100-250</b>	30-140	55-170	<b>905-004</b>	<b>458,81</b>



Body	€
Part N°	€
<b>905-001C</b>	<b>79,77</b>
<b>905-002C</b>	<b>95,28</b>

Spindle	€
Part N°	€
<b>905-001H</b>	<b>53,18</b>



905-001



905-002

		Arm	
L mm	L"	Part N°	€/u.
<b>100</b>	4"	<b>905-001G1</b>	<b>45,20</b>
<b>200</b>	8"	<b>905-001G2</b>	<b>55,84</b>
<b>250</b>	10"	<b>905-001G3</b>	<b>74,46</b>

# Varied Tools

## Separator Pullers



905

Separator puller tools set

CrV

30-50  
mm

50-75  
mm

min-max	Part N°	€
30-75	905-005	266,29



905

Separator puller tool

CrV

30-50  
mm



min-max	Part N°	€
30-50	905-006	54,23

905

Guillotine Puller



Suitable with 905-006

Part N°	€
905-600	59,51

905

Separator puller tool

CrV

50-75  
mm



min-max	Part N°	€
50-75	905-007	73,17

905

Guillotine Puller



Suitable with 905-007

Part N°	€
905-700	59,51

905

Separator puller tool

CrV

75-105  
mm



min-max	Part N°	€
75-105	905-008	98,29

905

Guillotine Puller



Suitable with 905-008

Part N°	€
905-800	126,72

905

Separator puller tool

CrV

100-150  
mm



min-max	Part N°	€
100-150	905-009	277,76

905

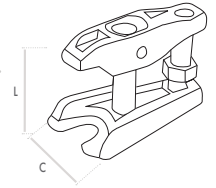
Guillotine Puller



Suitable with 905-009

Part N°	€
905-900	130,43

**Gear Pullers**

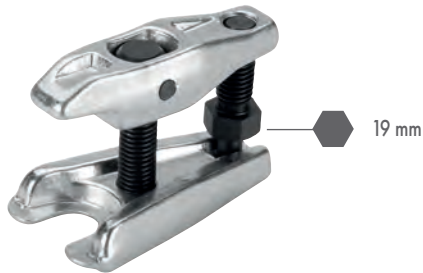


**905**

Universal ball joint separator

CrV

12-50  
mm



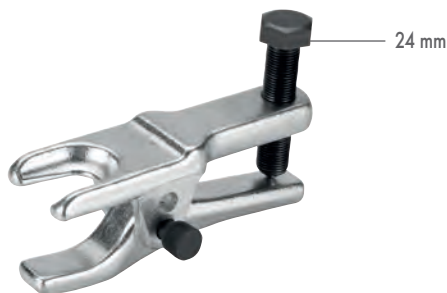
L min-max	C min-max	Part N°	€
<b>12-50</b>	18-22	<b>905-010</b>	<b>31,15</b>

**905**

Ball joint separator

CrV

12-50  
mm



min-max	C	Part N°	€
<b>12-50</b>	20	<b>905-011</b>	<b>60,73</b>

**905**

Ball joint separator

CrV

60-80  
mm



min-max	C	Part N°	€
<b>60-80</b>	20	<b>905-012</b>	<b>78,91</b>

**905**

3 Adjustable Jaws Oil Filter Wrench



Ø mm	Part N°	€
<b>65-120</b>	<b>905-020</b>	<b>20,33</b>



# Varied Tools

## Caulking Guns

- Structure and Handle in Aluminium
- Pushing Force 1500N
- Reinforced Cartridge Holder 11 mm
- Advance / Pulse 10 mm
- Cartridge Plunger 7.9 mm



**914**

Triple Barrel Caulking Gun

- 225 mm
- Al
- 1500 NW
- 9"



L mm	Ø mm	Part N°	€
225	78	914-225	35,03



**915**

Caulking Gun With Spout Cutter

- 225 mm
- Al
- 1500 NW
- 9"
- 360°



L mm	Ø mm	Part N°	€
225	57	915-225	24,53



**916**

Fast Recoil Caulking Gun

- 225 mm
- Al
- 1500 NW
- 9"
- 360°



L mm	Ø mm	Part N°	€
225	55	916-225	22,28

**917**

Caulking Gun

- 225 mm
- Al
- 4000 NW
- 25:1
- 9"
- 360°



L mm	Ø mm	Part N°	€
225	55	917-225	37,13

**912**

Caulking Gun Aluminium Handle

Ø mm  
**50**



L mm	Ø mm	Part N°	€
<b>225</b>	55	<b>912-225</b>	<b>21,89</b>
<b>250</b>	55	<b>912-250</b>	<b>23,18</b>
<b>360</b>	55	<b>912-325</b>	<b>27,68</b>



**910**

Steel Body Caulking Gun

Ø mm  
**50**



L mm	Ø mm	Part N°	€
<b>225</b>	50	<b>910-225</b>	<b>7,17</b>
<b>250</b>	50	<b>910-250</b>	<b>7,48*</b>

\* Until end of stock

**911**

Caulking Gun Zinc Handle

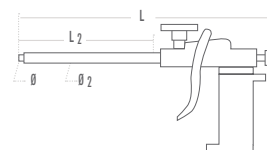
Ø mm  
**50**



L mm	Ø mm	Part N°	€
<b>225</b>	50	<b>911-225</b>	<b>10,02</b>

# Varied Tools

## Foam & Mortar Caulking Guns



**913**

Aluminium Body Mortar Caulking Gun

Ø mm  
**50**



L mm	Ø mm	Part N°	€
<b>225</b>	50	<b>913-225</b>	<b>24,83</b>
<b>300</b>	50	<b>913-300</b>	<b>25,92</b>
<b>375</b>	50	<b>913-375*</b>	<b>29,58</b>

- \* Capacity 600cm<sup>3</sup> / cartridge
- Reinforced plunger arm.

### Mortar Caulking Gun Accessories

**913**

Mortar Caulking Gun Spare Nozzles

**2**  
Pcs

Suitable for  
**913**



Part N°	€ / 2Pcs
<b>913-001</b>	<b>1,85</b>

**914**

Foam Gun Pro

Ø mm  
**11**



L mm	L <sub>2</sub> mm	Ø mm	Ø <sub>2</sub> mm	Part N°	€
<b>325</b>	190	11	14	<b>914-001</b>	<b>41,63</b>

- Reinforced body. Application frame and plunger arm are inner and outer Teflon coated to ensure a longer lifetime.

**914**

Foam Gun

Ø mm  
**11**



L mm	L <sub>2</sub> mm	Ø mm	Ø <sub>2</sub> mm	Part N°	€
<b>325</b>	180	11	12	<b>914-002</b>	<b>31,41</b>

**915**

Rigid Hose Grease Pump

**10.000  
PSI**



- Air Release Valve
- Bulk Charge

1/8 BSP



Bulk cc	Container gr	L Pump	Ø Pump	L Hose	Ø Hose	Part N°	€
500	400	380	57,5	190	9,5	<b>915-010</b>	<b>58,01</b>

**915**

Flexible Hose Grease Pump

**3.000  
PSI**

1/8 BSP



**915-020**

1/8 BSP

**8.000  
PSI**



**915-030**

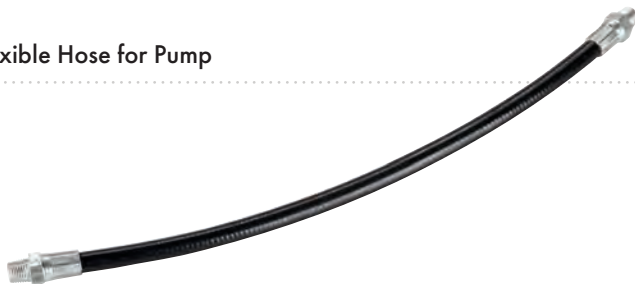


- Air Release Valve
- Bulk Charge

Bulk cc	Container gr	L Pump	Ø Pump	L Hose	Ø Hose	Part N°	€
-	-	330	51,5	300	8,5	<b>915-020</b>	<b>35,03</b>
500	400	350	57,5	300	8,5	<b>915-030</b>	<b>38,18</b>

**915**

Flexible Hose for Pump



L mm	Part N°	€
<b>300</b>	<b>915-021</b>	<b>7,73</b>

**915**

Rigid Hose for Pump



L mm	Part N°	€
<b>190</b>	<b>915-022</b>	<b>7,73</b>



# Varied Tools

## Rivet Guns



**918**

Professional Rivet Gun

- Replaceable nozzle head
- 4 heads are included  $\varnothing$  2,4-3,2-4-4,8 mm.
- Spring loaded handle ejects rivets stem
- Comfortable anti slip handle



Part N°	€
918-010	41,78

**918**

Interchangeable Head Set

- 4 interchangeable heads for rivet gun Ref. 918-010
- Included 1x  $\varnothing$  2,4-3,2-4-4,8 mm



Part N°	€
918-1	4,39

**918**

Automatic Riveter

**4 in 1**

- Replaceable nozzle head
- 4 heads are included  $\varnothing$  2,4-3,2-4-4,8 mm.
- Spring loaded handle ejects rivets stem
- Comfortable anti slip handle



Part N°	€
918-012	36,42

**919**

Two Hands Rivet

- Hard Metal Clamps
- Internal Force Multiplier
- Ergonomic Handle
- Aluminium Body
- for  $\varnothing$  2,4-3,2-4-4,8-6,4 mm rivets
- $\varnothing$  2,4-3,2-4-4,8 mm Stainless Steel rivets

**XTREME**



L mm	L"	Part N°	€
320	13	919-016	77,09

**919**

Interchangeable Heads & Clamp



Clamp		Heads		
Part N°	€	L mm	Part N°	€
919-016M	12,86	2,4	919-016-024	11,68
		3,2	919-016-032	11,68
		4,0	919-016-040	11,68
		4,8	919-016-048	11,68
		6,4	919-016-064	11,68

919

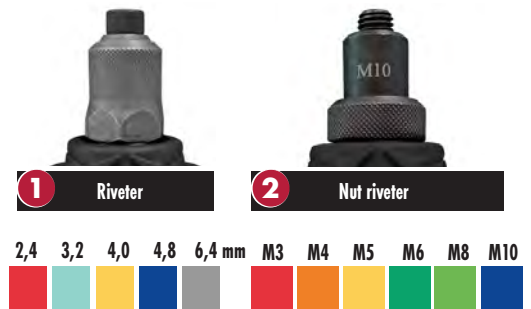
Multifunction Hand Rivet

**XTREME**



**3 en 1**

Part N°	€
919-020	148,76



919

Hand Rivet Spare Parts

Clamp		Reamer		Heads			Heads		
Part N°	€	Part N°	€	L mm	Part N°	€	M	Part N°	€
919-020M	12,98	919-020-EA	21,26	2,4	919-020-024	12,62	M3	919-020-M3	20,33
		919-020-EB	21,26	3,2	919-020-032	12,62	M4	919-020-M4	20,33
				4,0	919-020-040	12,62	M5	919-020-M5	20,33
				4,8	919-020-048	12,62	M6	919-020-M6	20,33
				6,4	919-020-064	12,62	M8	919-020-M8	20,33
							M10	919-020-M10	20,33

919

One Hand Nut Riveter

- Replaceable nozzle head
- 4 heads are included M3-M4-M5-M6.



L mm	L"	Part N°	€
210	8	919-022	95,81

# Varied Tools

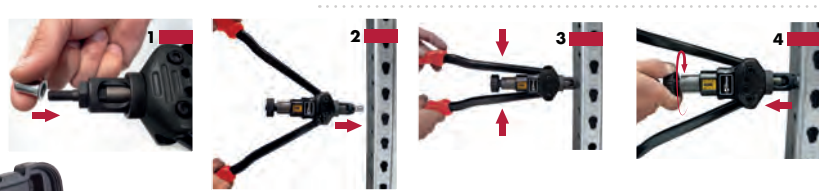
## Rivet Guns



### 919 Hand Nut Riveter



**410**  
mm  
**16"**



L mm	L"	Part N°	€
<b>410</b>	16	<b>919-025</b>	<b>124,20</b>

- Special for intensive works.
- Ergonomic hand nut riveter for reduced effort.
- Easy components replacement.
- Includes multifunctional key
- 7 heads are included M3-M4-M5-M6-M8-M10-M12.



### 919 Interchangeable Heads

M	Part N°	€
<b>M3</b>	<b>919-025-M3</b>	<b>18,11</b>
<b>M4</b>	<b>919-025-M4</b>	<b>18,11</b>
<b>M5</b>	<b>919-025-M5</b>	<b>18,11</b>
<b>M6</b>	<b>919-025-M6</b>	<b>18,11</b>
<b>M8</b>	<b>919-025-M8</b>	<b>18,11</b>
<b>M10</b>	<b>919-025-M10</b>	<b>18,11</b>
<b>M12</b>	<b>919-025-M12</b>	<b>18,11</b>

### 919 Hand Nut Riveter

- Replaceable nozzle head
- 7 heads are included M3-M4-M5-M6-M8-M10-M12.



L mm	L"	Part N°	€
<b>350</b>	14	<b>919-026</b>	<b>152,51</b>



### 919 Interchangeable Heads

M	Part N°	€
<b>M3</b>	<b>919-025-M3</b>	<b>18,11</b>
<b>M4</b>	<b>919-025-M4</b>	<b>18,11</b>
<b>M5</b>	<b>919-025-M5</b>	<b>18,11</b>
<b>M6</b>	<b>919-025-M6</b>	<b>18,11</b>
<b>M8</b>	<b>919-025-M8</b>	<b>18,11</b>
<b>M10</b>	<b>919-025-M10</b>	<b>18,11</b>
<b>M12</b>	<b>919-025-M12</b>	<b>18,11</b>

**945** Suction Cup



Ø mm	Capacity	Part N°	€
115	50 kg	945-001	19,41

- Aluminium structure.
- One-handed use.
- Automotive and transport applications.
- To be used in smooth and non-porous surfaces.

**945** Suction Cup



Ø mm	Capacity	Part N°	€
115	100 kg	945-002	38,82

- Aluminium structure Double.
- Automotive and transport applications.
- To be used in smooth and non-porous surfaces.

**945** Double Articulated Suction Cup Special for Curved Surfaces



Ø mm	Capacity	Part N°	€
118	80 kg	945-005	46,60

- Two plates structure
- Articulated handle, it allows the adjustment to curved surfaces
- Special for car maintenance, installing and uninstalling of car sheets and windshields

**945** Suction Cup



Ø mm	Capacity	Part N°	€
115	130 kg	945-003	53,70

- Aluminium structure Triple.
- Automotive and transport applications.
- To be used in smooth and non-porous surfaces.

**945** Suction Cup



Ø mm	Capacity	Part N°	€
203	180 kg	945-004	102,25

- High resistance suction cup. Including a priming pump.
- Vacuum monitored through the pressure gauge.
- Valve to release pressure.
- For curved and structured surfaces.



# Varied Tools

Suction Cups, Mirror & Punches



945

Suction Cup Special for Windshields



Ø mm	Capacity	Part N°	€
230	200 kg	945-006	176,94

- One plate structure
- Special for curved surfaces mainly windshields



930

Telescopic Inspection Mirror

Inox

- Industrial quality mirror suitable for inspection in space limited areas
- Telescopic mirror. Gathered: 240 mm. Extended: 930 mm
- Double flexible head provides vision at any angle
- Anti slip rubber handle

360°



L min-max	Part N°	€
240-930	930-001	16,17



940

Professional Punch Plier



- Clean and precise holes in leather, thin plastic, paper, cloth,...
- ø 2-2,5-3-3,5-4-4,5 mm
- Ergonomic red dipped PVC handle



Part N°	€
940-001	23,77

940

Slogging Hole Punch



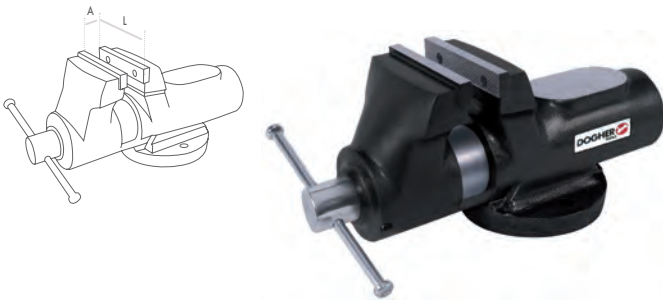
- Anti-slipping knurling handle
- ø 2-2,5-3-3,5-4-4,5 mm



Part N°	€
940-002	21,61

**925**

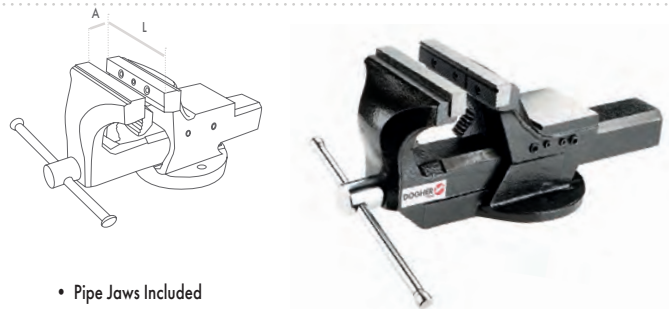
Cylindrical Bench Vice



L mm	A mm	Kg	Part N°	€
<b>100</b>	105	13	<b>925-100</b>	<b>339,42</b>
<b>125</b>	130	22	<b>925-125</b>	<b>467,36</b>
<b>150</b>	165	32	<b>925-150</b>	<b>667,33</b>

**926**

Square Guided Bench Vice



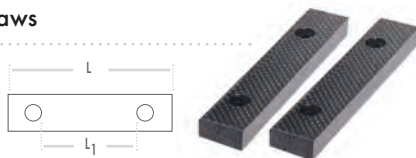
• Pipe Jaws Included

L mm	A mm	Kg	Part N°	€
<b>100</b>	105	7,5	<b>926-100</b>	<b>226,98</b>
<b>125</b>	155	14	<b>926-125</b>	<b>252,93</b>
<b>150</b>	165	19	<b>926-150</b>	<b>365,18</b>
<b>175</b>	205	26	<b>926-175</b>	<b>578,33</b>

**925R**

Spare Jaws

Suitable for  
**925**

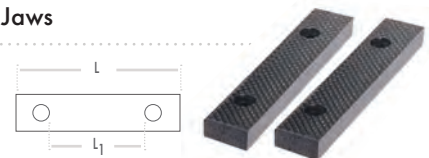


L mm	L <sub>1</sub> mm	Part N°	€/ 2Pcs
<b>100</b>	53	<b>925R-100</b>	<b>27,74</b>
<b>125</b>	73	<b>925R-125</b>	<b>41,06</b>
<b>150</b>	88	<b>925R-150</b>	<b>50,23</b>

**926R**

Spare Jaws

Suitable for  
**926**



L mm	L <sub>1</sub> mm	Part N°	€/ 2Pcs
<b>100</b>	24	<b>926R-100</b>	<b>33,41</b>
<b>125</b>	28	<b>926R-125</b>	<b>39,42</b>
<b>150</b>	43	<b>926R-150</b>	<b>45,00</b>
<b>175</b>	53	<b>926R-175</b>	<b>50,38</b>

**925B**

Revolving Base

Suitable for  
**925**



L mm	Part N°	€
<b>100</b>	<b>925B-100</b>	<b>33,98</b>
<b>125</b>	<b>925B-125</b>	<b>38,18</b>
<b>150</b>	<b>925B-150</b>	<b>54,98</b>

**926B**

Revolving Base

Suitable for  
**926**



L mm	Part N°	€
<b>100</b>	<b>926B-100</b>	<b>32,98</b>
<b>125</b>	<b>926B-125</b>	<b>35,36</b>
<b>150</b>	<b>926B-150</b>	<b>45,42</b>
<b>175</b>	<b>926B-175</b>	<b>71,72</b>

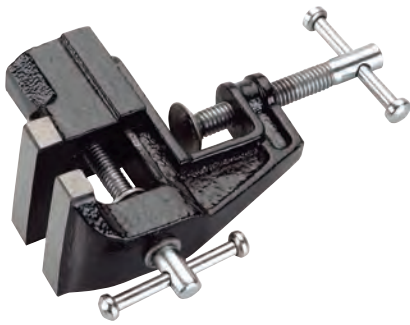
## Varied Tools

Professional Bench Vices & Adjustable Jaws Oil Filter Wrench



927

Baby Vice



L mm	Part N°	€
50	927-050	18,90



927

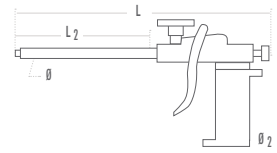
Baby Vice with Swivel Base



L mm	Part N°	€
90	927-060	33,86

- Maximum Opening: 40 mm

**Progressive Blow Guns**



**914**

Progressive Blow Gun

Ø mm  
**8**



L mm	L <sub>2</sub> mm	Ø mm	Ø <sub>2</sub> mm	Part N°	€
<b>210</b>	100	8	1/4" G (BSP)	<b>914-010</b>	<b>19,32</b>

- Maximum air pressure: 12 Bar · 175 PSI · 1,2 Mpa
- Nozzle with metal reinforcement.
- Body manufactured of High performance POM

**914**

Progressive Blow Gun

Ø mm  
**8**



L mm	L <sub>2</sub> mm	Ø mm	Ø <sub>2</sub> mm	Part N°	€
<b>306</b>	202	8	1/4" G (BSP)	<b>914-015</b>	<b>22,66</b>

- Maximum air pressure: 12 Bar · 175 PSI · 1,2 Mpa
- Nozzle with metal reinforcement.
- Body manufactured of High performance POM

**914**

Progressive Blow Gun

Ø mm  
**8**



L mm	L <sub>2</sub> mm	Ø mm	Ø <sub>2</sub> mm	Part N°	€
<b>212</b>	93	8	1/4" G (BSP)	<b>914-020</b>	<b>24,48</b>

- Low noise level
- Maximum air pressure: 12 Bar · 175 PSI · 1,2 Mpa
- Nozzle with metal reinforcement.
- Body manufactured of High performance POM
- Manufactured under OSHA norm.  
Occupational Safety and Health Administration.





# Varied Tools

## Punch Crafts



### INTERCHANGEABLE HOLLOW PUNCH:

The new Hollow Punch XTREME allows the operator to conduct high precision holes to achieve seals, washers, etc.

Due to FASCTlick thread systems the changes of shaft and punch holes are fast.

- The holes from 2 to 10mm diameter are joined to the Hollow Punch through internal thread M13x1.
- The holes from 11 to 60mm diameter are joined to the Hollow Punch through FASTClick system.
- The 940-250M and 940-260M shafts are joined to the 940-02-60 Hollow Punch through M20x1.5 thread.

The use is recommended for sheets of aluminium, steel, leather, rubber, cardboard, foam, plastic, fiber...

### CUTTING CAPACITY

Steel-Aluminium and Copper sheets: 0.3 mm thickness

940

Steel Punch Craft



L mm	Ø mm	Part N°	€
120	16	940-02-10	30,91

• Hole Punches Ø 2 - 10 mm

940

Steel Punch Craft



L mm	Ø mm	Part N°	€
95	24	940-03-20	42,12

• Hole Punches Ø 2 - 20 mm

940

Bimaterial Punch Craft



L mm	Ø mm	Part N°	€
180	34,5	940-02-60	107,92

• Hole Punches Ø 2 - 60 mm

940

Bimaterial Punch Craft



L mm	Ø mm	Part N°	€
180	35	940-03-30	117,51

• Hole Punches Ø 2 - 30 mm

**940**

Hole Punches Spare Parts

► Holes Ø 2 - 10 mm  
Thread M13x1

Ø mm	L mm	Part N°	€
2	27	940-102	11,64
3	27	940-103	11,64
4	27	940-104	11,64
5	27	940-105	11,64
6	27	940-106	11,64
7	27	940-107	11,64
8	27	940-108	11,64
9	27	940-109	11,64
10	27	940-110	11,64

► Holes Ø 11 - 60 mm

**Fast  
Click**

Ø mm	L mm	Part N°	€
11	27	940-111	14,47
12	27	940-112	14,47
13	27	940-113	14,47
14	27	940-114	14,47
15	27	940-115	14,47
16	27	940-116	14,47
17	27	940-117	14,47
18	27	940-118	14,47
19	27	940-119	14,47
20	27	940-120	14,47
21	32	940-121	19,13
22	32	940-122	19,13
23	32	940-123	19,13
24	32	940-124	19,13
25	32	940-125	19,13
26	32	940-126	19,13
27	32	940-127	19,13
28	32	940-128	19,13
29	32	940-129	19,13
30	32	940-130	19,13
32	37	940-132	24,64
33	37	940-133	24,64
34	37	940-134	24,64
35	37	940-135	24,64
36	37	940-136	24,64
37	37	940-137	24,64
38	37	940-138	24,64
39	37	940-139	24,64
40	37	940-140	24,64
42	42	940-142	28,58
43	42	940-143	28,58
44	42	940-144	28,58
45	42	940-145	28,58
46	42	940-146	28,58
47	42	940-147	28,58
48	42	940-148	28,58
49	42	940-149	28,58
50	42	940-150	28,58
52	47	940-152	72,91
54	47	940-154	72,91
56	47	940-156	72,91
58	47	940-158	72,91
60	47	940-160	72,91



# Varied Tools

## Punch Crafts



940

Centering Point

Ø: 4,8 mm

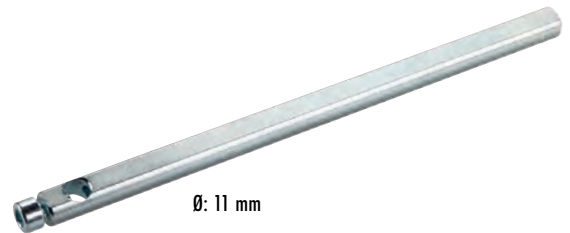


Ø: 14 mm

L mm	Ø mm	Part N°	€
54	14	940-210	30,91

940

Compass Bar



Ø: 11 mm

L mm	Ø mm	Part N°	€
420	11	940-211	18,92

940

Compass Cutter



L mm	Ø mm	Part N°	€
124	16	940-212	28,12

- Blade 940-213 included

940

Compass Cutter Blade



Part N°	€
940-213	18,67

940

Pyramidal Chuck

Part N°	€
940-250M	74,93

- To be used with Hollow Punch 940-02-60  
Included in 940-250 Set



Part N°	€
940-260M	108,17

- To be used with Hollow Punch 940-02-60  
Included in 940-260 Set





**940**

**Steel Interchangeable Hollow Punch Set**



940-03-20 Ø 2 - 20 mm



- 940-103 Ø 3
- 940-104 Ø 4
- 940-106 Ø 6
- 940-108 Ø 8
- 940-110 Ø 10



**Fast Click**

- 940-112 Ø 12
- 940-114 Ø 14
- 940-116 Ø 16
- 940-118 Ø 18
- 940-120 Ø 20

Part N°	€
940-320	128,33



**11**  
**Pcs**



**940**

**Bi-material Interchangeable Hollow Punch Set**



940-03-30 Ø 2 - 30 mm



- 940-103 Ø 3
- 940-104 Ø 4
- 940-106 Ø 6
- 940-108 Ø 8
- 940-110 Ø 10



**Fast Click**

- 940-112 Ø 12
- 940-114 Ø 14
- 940-116 Ø 16
- 940-118 Ø 18
- 940-120 Ø 20
- 940-122 Ø 22
- 940-124 Ø 24
- 940-126 Ø 26
- 940-128 Ø 28
- 940-130 Ø 30

Part N°	€
940-330	257,25



**16**  
**Pcs**





# Varied Tools

## Punch Crafts



940

Bi-material Interchangeable Hollow Punch + Pyramidal chuck + Centering Point Set



940-02-60 Ø 2 - 60 mm



- 940-102 Ø 2
- 940-103 Ø 3
- 940-104 Ø 4
- 940-105 Ø 5
- 940-106 Ø 6
- 940-107 Ø 7
- 940-108 Ø 8
- 940-109 Ø 9
- 940-110 Ø 10

**Fast Click**



- 940-112 Ø 12
- 940-114 Ø 14
- 940-116 Ø 16
- 940-118 Ø 18
- 940-120 Ø 20
- 940-122 Ø 22
- 940-124 Ø 24
- 940-126 Ø 26
- 940-128 Ø 28
- 940-130 Ø 30
- 940-132 Ø 32
- 940-134 Ø 34
- 940-136 Ø 36
- 940-138 Ø 38
- 940-140 Ø 40
- 940-142 Ø 42
- 940-144 Ø 44
- 940-146 Ø 46
- 940-148 Ø 48
- 940-150 Ø 50



940-210



940-250M Ø 2 - 50 mm

**32**  
Pcs



Part N°	€
940-250	502,25

940

Bi-material Interchangeable Hollow Punch + Pyramidal chuck + Centering Point + Compass knife cutter with blade Set



940-02-60 Ø 2 - 60 mm



- 940-102 Ø 2
- 940-103 Ø 3
- 940-104 Ø 4
- 940-105 Ø 5
- 940-106 Ø 6
- 940-107 Ø 7
- 940-108 Ø 8
- 940-109 Ø 9
- 940-110 Ø 10

**Fast Click**



- 940-112 Ø 12
- 940-114 Ø 14
- 940-116 Ø 16
- 940-118 Ø 18
- 940-120 Ø 20
- 940-122 Ø 22
- 940-124 Ø 24
- 940-126 Ø 26
- 940-128 Ø 28
- 940-130 Ø 30
- 940-132 Ø 32
- 940-134 Ø 34
- 940-136 Ø 36
- 940-138 Ø 38
- 940-140 Ø 40
- 940-142 Ø 42
- 940-144 Ø 44
- 940-146 Ø 46
- 940-148 Ø 48
- 940-150 Ø 50
- 940-152 Ø 52
- 940-154 Ø 54
- 940-156 Ø 56
- 940-158 Ø 58
- 940-160 Ø 60



940-210



940-260M Ø 2 - 60 mm



940-213



940-212



940-211

**39**  
Pcs



Part N°	€
940-260	875,84

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*Making Solutions*



502



503



504



506

# Gardening 900



# Gardening

## Pruners



960

### Professional Pruner



- High resistance CK67 upper blade with **Taflon** coating.
- High resistance carbon steel lower blade.
- Security lock.
- PVC handle.



54 Hrc



mm	L mm	Part N°	€
15 mm	210	960-001	20,47

#### Spare Spring

960-MU	0,80
--------	------

#### Spare Screws (3 pcs)

960-001TOR	1,26
------------	------

#### Spare Blade

960-001CU	7,90
-----------	------

960

### Extra Professional Pruner



- High resistance CK67 upper blade with **Taflon** coating.
- Carbon steel lower blade with chrome plated.
- Security lock.
- Aluminium alloy handle with PVC dipping.



54 Hrc



mm	L mm	Part N°	€
15 mm	210	960-002	25,44

#### Spare Spring

960-MU	0,80
--------	------

#### Spare Screws (4 pcs)

960-002TOR	1,43
------------	------

#### Spare Blade

960-002CU	7,90
-----------	------

960

### Heavy Duty Pruner



- High resistance CK67 upper and lower blade with **Taflon** coating.
- Aluminium alloy handle with PVC dipping
- Security lock.



54 Hrc



mm	L mm	Part N°	€
15 mm	210	960-003	27,65

#### Spare Spring

960-MU	0,80
--------	------

#### Spare Screws (4 pcs)

960-003TOR	1,43
------------	------

#### Spare Blade

960-003CU	9,39
-----------	------



**960**

Swivel Grass Shear

180°

- 180° Turn
- CK53 upper blade with **Taflon** coating.
- Chrome plated lower blade.
- Nylon hand grip.



mm	L mm	Part N°	€
<b>180°</b>	360	<b>960-004</b>	<b>29,50</b>



• Lock / Unlock System



Spare Spring

<b>960-004MU</b>	<b>0,80</b>
------------------	-------------

**961**

Aluminium Bypass Lopper

Ø 30 mm



Ø mm	L mm	Part N°	€
<b>30 mm</b>	660	<b>961-001</b>	<b>55,34</b>



**961**

Heavy Duty Aluminium Bypass Lopper

Ø 40 mm



Ø mm	L mm	Part N°	€
<b>40 mm</b>	695	<b>961-002</b>	<b>56,50</b>



Spare Screw

<b>961-002TOR</b>	<b>0,80</b>
-------------------	-------------

Spare Blade

<b>961-002CU</b>	<b>18,95</b>
------------------	--------------

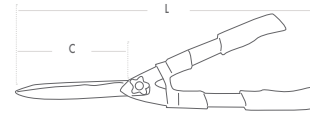


# Gardening

Varied Gardening Tools



**DOGHER**  
TOOLS



**961**

Wave Blade Hedge Shears



L mm	C mm	Part N°	€
575	210	961-003	55,53

**960**

Trowel, Bimaterial Handle



Part N°	€
960-030	12,85

**960**

Fork, Bimaterial Handle



Part N°	€
960-031	12,85

**960**

Cultivator, Bimaterial Handle



Part N°	€
960-032	12,85

**960**

Bow rake, Bimaterial Handle



Part N°	€
960-033	12,85

**960**

3 Point Hoe/Fork, Bimaterial Handle



Part N°	€
960-034	12,85



963

Garlic and Onions Harvest Shear



- High durability and resistance
- Forged carbon steel
- Optimum performance



L mm	L"	Part N°	€
200	8	963-001	16,17

Spare Sping

963-001 MU	1,72
------------	------

Spare Screws

963-001TOR	0,42
------------	------

963

Garlic and Onions Harvest Shear



- Curved blade
- Ergonomic fiber handle



mm	L mm	L"	Part N°	€
20	180	7	963-002	15,40

Spare Sping

963-002MU	1,72
-----------	------

Spare Screws

963-002TOR	0,86
------------	------

963

Harvest Shear



- Stainless steel curved blade
- Ergonomic fiber handle



L mm	L"	Part N°	€
190	8	963-004	12,73

Spare Sping

963-004-006MU	1,72
---------------	------

Spare Screws

963-004TOR	0,86
------------	------

• To achieve an optimum cutting performance and durability, keep the blades lubricated and clean.

# Gardening

## Harvest Shear



963

### Harvest Shear



- Straight blade
- Ergonomic fiber handle.



L mm	L"	Part N°	€
180	7	963-005	11,44

#### Spare Sping

963-005MU	1,72
-----------	------

#### Spare Screws

963-005TOR	0,86
------------	------

963

### Harvest Shear



- Stainless steel straight blade.
- Ergonomic fiber handle.



L mm	L"	Part N°	€
180	7	963-006	12,73

963

### Harvest Shear



- Straight blade and rounded tip.
- Ergonomic fiber handle.



L mm	L"	Part N°	€
180	7	963-007	11,44

#### Spare Sping

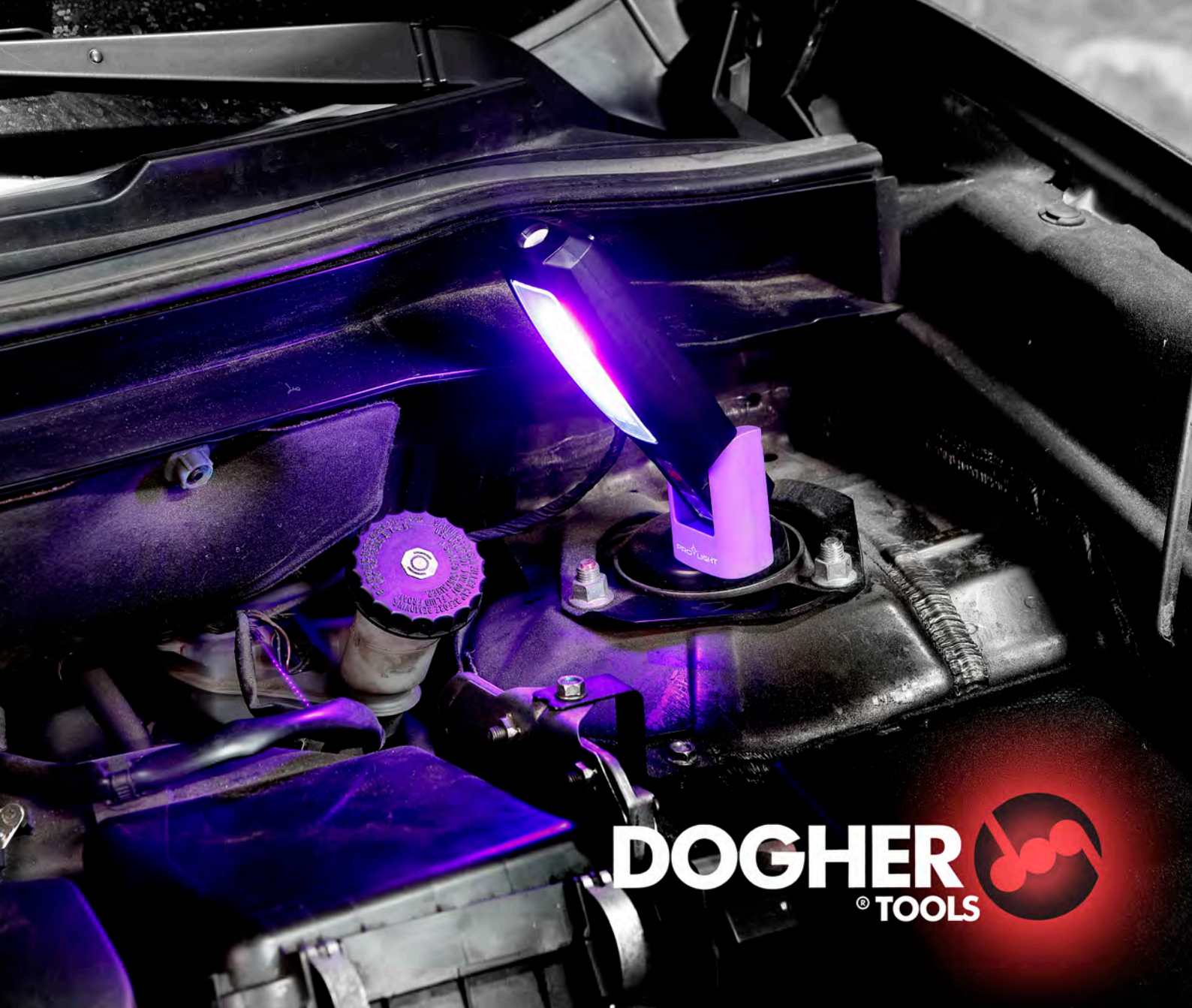
963-007MU	0,98
-----------	------

#### Spare Screws

963-007TOR	2,40
------------	------

- To achieve an optimum cutting performance and durability, keep the blades lubricated and clean.





**DOGHER**  
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508



511



510



512

**Lighting**  
**1000**



# Lighting

Rechargeable LED Work Light

PRO LIGHT

DOGHER TOOLS

RoHS CE  
COB TECHNOLOGY



Model	Vega	Altair	Polux	Adhara	Compact	Stylo	Rigel	Shaula	Testa
Reference	1000-001	1000-002	1000-003	1000-004	1000-009	1000-015	1000-020	1000-021	1000-030
Luminous Flux	700 lumens	400 lumens	450 lumens	UV 395nm	300 lumens	150 lumens	600 lumens	280 lumens	400 lumens
CRI	80	80	80	80	80	80	80	80/70	80
CCT	6500K	6500K	6500K	6500K	6500K	6500K	6500K	6000K/6500K	6500K
Protection Grade	IP65/IK07	IP54/IK07	IP54/IK07	IP54/IK07	IP54/IK07	IP20/IK07	IP44/IK07	IP44/IK07	IP65/IK07
Lighting Levels	3	1	2	2	2	1	2	5	2
Max. Runtime	8h	10h	10h	10h	8h	4h	9h	4h 30'	8h
Batterie 3.7 V	2600 mAh Li-ion	2600 mAh Li-ion	2600 mAh Li-ion	2600 mAh Li-ion	1500 mAh LiPo	800 mAh Li-ion	2600 mAh Li-ion	750 mAh Li-ion	1500 mAh LiPo
Charging Time	3h 30'	3h 30'	3h 30'	3h 30'	3h	1h 30'	4h	2h	2h 30'
Top Light	150 lumens	120 lumens	100 lumens	100 lumens	NO	80 lumens	100 lumens	150 lumens	NO
Attachment	Base & Back	Base & Back	Base & Back	Base & Back	Base	Clip	Base	Base	NO
Pivot Joint	180°	180°	180°	180°	Rotating Base 360°	NO	180°	180°	5 Positions

1000

## Rechargeable Work Light 700 lumens COB LED

VEGA

• Max. Runtime

• Lighting Levels

• Top Light

• Magnetic base and back

• Pivot Joint 180°

• 3.7 V, 2600 mAh Li-ion battery

• Protection Grade IP65 / IK07



268 x 61 x 42 mm

Part N°	€
1000-001	91,50



Top Light

Battery Level Indicator



• 360° Rigid Hook

• Magnet

• USB-C Socket

• ON/OFF Switch

• 360° Rigid Hook



CRI: 80 CRI + CCT: 6500K			
Charging Time: 3h 30min			
Top Light		Main Light	
4 W SMD LED		7W COB LED	
150 lumen	175 lumen	350 lumen	700 lumen
Runtime			
~ 7h Top Light	~ 8h Eco Mode	~ 4h Normal Mode	~ 2h Full Power Mode



1000

**Rechargeable Work Light 400 lumens COB LED**

**ALTAIR**

- Max. Runtime
- Top Light
- Magnetic base and back
- Pivot Joint 180°
- 3.7 V, 2600 mAh Li-ion battery
- Protection Grade IP54 / IK07



268 x 61 x 42 mm

Part N°	€
1000-002	90,35



CRI: 80 CRI + CCT: 6500K	
Charging Time: 3h 30min	
Top Light	Main Light
3 W SMD LED	4W COB LED
120 lumen	400 lumen
~ 10h Top Light	~ 5h Main Light

1000

**Rechargeable Work Light 450 lumens COB LED**

**POLLUX**

- Max. Runtime
- Lighting Levels
- Top Light
- Magnetic base and back
- Pivot Joint 180°
- 3.7 V, 2600 mAh Li-ion battery
- Protection Grade IP54 / IK07



199 x 51 x 36 mm

Part N°	€
1000-003	89,10



CRI: 80 CRI + CCT: 6500K		
Charging Time: 3h 30min		
Top Light	Main Light	
3 W SMD LED	6 W COB LED	
100 lumen	250 lumen	450 lumen
~ 10h Top Light	~ 5h Eco Mode	~ 3h 30min Main Light



# Lighting

Rechargeable LED Work Light

PRO LIGHT

DOGHER TOOLS

1000

## Rechargeable UV Work Light 395nm Wavelength COB LED

ADHARA



- Max. Runtime
- Top Light
- Magnetic base and back
- Pivot Joint 180°
- 3.7 V, 2600 mAh Li-ion battery
- Protection Grade IP54 / IK07



Top Light

Battery Level Indicator

199 x 51 x 36 mm

Part N°	€
1000-004	92,25



360° Rigid Hook

USB-C Socket

ON/OFF Switch

Magnet

CRI: 80 CRI + CCT: 6500K	
Charging Time: 3h 30min	
Top Light	Main Light
3 W SMD LED 100 lumen	UV 395nm
Autonomía	
~ 10h Top Light	~ 4h 30min Main Light

1000

## Rechargeable Work Light 300 lumens COB LED

COMPACT

- Max. Runtime
- Lighting Levels
- Magnetic Base
- 360° Rotating Base
- 3.7 V, 1500 mAh LiPo battery
- Protection Grade IP54 / IK07



Battery Level Indicator

127 x 69 x 33 mm

Part N°	€
1000-009	96,21



360° Rigid Hook

ON/OFF Switch

USB-C Socket

Magnet

CRI: 80 CRI + CCT: 6500K	
Charging Time: 2h 30min	
Luminous flux	
3W COB LED 300 lumen	3W COB LED 100 lumen
Runtime	
~ 3h Full Power Mode	~ 8h 30' Eco Mode

1000

**Rechargeable Work Light 150 lumens COB LED**

**STYLO**

- Max. Runtime
- Top Light
- Magnetic Clip
- 3.7 V, 800 mAh Li-ion battery
- Protection Grade IP20 / IK07



167 x 25 x 33 mm

Part N°	€
1000-015	78,36



CRI: 80 CRI + CCT: 6500K	
Charging Time: 1h 30min	
Top Light	Main Light
1 W SMD LED	3W COB LED
80 lumen	150 lumen
Runtime	
~ 4h Top Light	~ 3h Main Light

1000

**Rechargeable Work Light 600 lumens COB LED**

**RIGEL**

- Max. Runtime
- Lighting Levels
- Top Light
- Magnetic base
- Pivot Joint 180°
- 3.7 V, 2600 mAh Li-ion battery
- Protection Grade IP54 / IK07



397 x 66,5 x 46 mm

Part N°	€
1000-020	96,36



CRI: 80 CRI + CCT: 6500K		
Charging Time: 3h 30min		
Main Light	Torch	
6 W COB LED	1 W SMD LED	
600 lumen	300 lumen	100 lumen
~ 2h Main Light	~ 4h Eco Mode	~ 9h Torch





# Lighting

Rechargeable LED Work Light

PRO LIGHT

DOGHER TOOLS

1000

## Rechargeable Work Light 280 lumens COB LED

SHAULA

- Max. Runtime
- Lighting Levels
- Top Light
- Magnetic Base
- Pivot Joint 180°
- 3.7 V, 750 mAh Li-ion battery
- Protection Grade IP44 / IK07



307 x 30 x 17 mm

Part N°	€
1000-021	73,10

CRI: 80 CRI + CCT: 6000K		CRI: 70 CRI + CCT: 6500K	
Charging Time: 2h			
Main Light		Luz Trasera	Luz Superior
2 W COB LED		1W COB LED	
280 lumen	90 lumen	160 lumen	80 lumen
Autonomía			
~ 1h 30'	~ 4h 30' Modo Eco	~ 2h 30' Luz Trasera	~ 3h Luz Superior

1000

## LED Headlamp 400 lumens COB LED

TESTA

- Max. Runtime
- Movement Sensor
- 5 Positions 0° - 60°
- 3.7 V, 1500 mAh LiPo battery
- Protection Grade IP65 / IK07



47,5 x 78,5 x 42 mm

Part N°	€
1000-030	56,36



CRI: 80 CRI + CCT: 6500K		
Charging Time: 2h 30min		
Luminous flux		
3W COB		
200 lumen	400 lumen	400 lumen
Runtime		
~ 8h Eco Mode	~ 4h High Mode	~ 4h Sense Mode





**DOGHER**   
TOOLS  
*Making Solutions*



514



514

**Lanyards**  
**1500**

# Lanyards

String Lanyard with Ring, Safety Lanyard & Flexible Lanyard



1500

String Lanyard with Ring



Part N°	€
1500-001	11,93

1500

Safety Lanyard for Tools

10  
Kg

Nylon

min  
770  
mm

max  
1.400  
mm



Part N°	€
1500-10	61,75

- Avoid accidental dropping of tools when work at height.
- High strength nylon straps with elastic core and triple seams on both ends for greater security.
- Fixed carabiners with Aluminium Twist lock system.

1510

Safety Lanyard for Tools

5  
Kg

Nylon

min  
800  
mm

max  
1.400  
mm



Part N°	€
1510-05	52,32

- Avoid accidental dropping of tools when work at height.
- High strength Nylon straps with elastic core.
- Rotating carabiners.
- Rope with safety ring Ref.1500-001 included.

1520

Flexible Lanyard with Rotating Carabiners

3  
Kg

PU

min  
640  
mm

max  
2.000  
mm



Part N°	€
1520-03	22,49

- Avoid accidental dropping of tools when work at height.
- Extensible rolled up PU wire with 1 mm high strength stainless steel core.
- Rotating carabiners.





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516



520



524



518



522

**Elevation  
9000**



# Elevation

## Welded Bottle Jacks

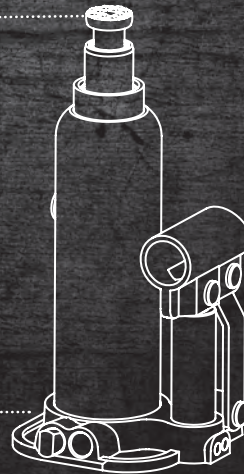


### Main characteristics of the Welded Bottle Jacks



- Enlarged base design provides stability and resistance. To achieve greater lifetime and resistance the structure is reinforced through the welding of the body of the bottle jack and the base.

• Heat treated and knurled pad provides a safe grip.



• Slow lowering when loaded.

## 9000

### Welded Bottle Jack



Capacity	Min. Height A	Lifting Height B	Adjust Height C	Max Height D	N.W. Kg	Dimensions mm	Part N°	€
<b>2 TON</b>	168 mm	100 mm	48 mm	316 mm	2 kg	96x90	<b>9000-02</b>	<b>55,90</b>
<b>5 TON</b>	207 mm	127 mm	60 mm	404 mm	3,7 kg	118x106	<b>9000-05</b>	<b>73,70</b>
<b>10 TON</b>	222 mm	145 mm	80 mm	447 mm	4,7 kg	124x114	<b>9000-10</b>	<b>95,83</b>



• Release valve.



• Serrated heat-treated saddle with adjustment screw for an improved versatility.



• Pump plunger.

• Made in steel according to the highest standards of resistance and durability.

• Paint is oil, grease and dirt-resistant



• Telescopic bar.



**9000**

Welded Bottle Jack

**HIDRA PRO**

Capacity	Min. Height A	Lifting Height B	Adjust Height C	Max Height D	N.W. Kg	Dimensions mm	Part N°	€
<b>15 TON</b>	227 mm	150 mm	80 mm	457 mm	6,9 kg	143x126	<b>9000-15</b>	<b>128,99</b>
<b>20 TON</b>	225 mm	150 mm	60 mm	445 mm	8,8 kg	160x140	<b>9000-20</b>	<b>160,69</b>
<b>32 TON</b>	260 mm	160 mm	-	420 mm	17,8 kg	185x165	<b>9000-32</b>	<b>243,56</b>



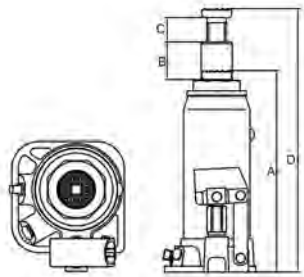
Release valve



Serrated heat-treated saddle with adjustment screw for an improved versatility.



Pump plunger.



Made in high quality steel according to the highest standards of quality and durability.

Paint is oil, grease and dirt-resistant for easy cleanup

Steel handle allows an easy transport.

Telescopic bar





# Elevation

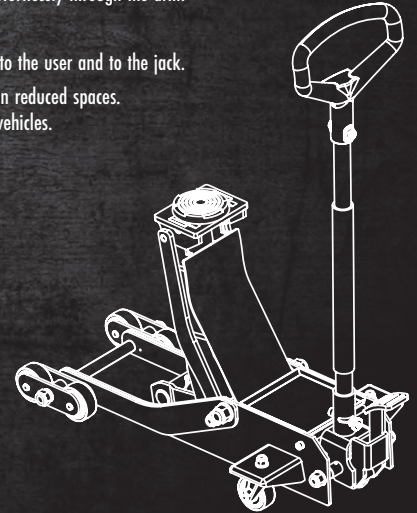
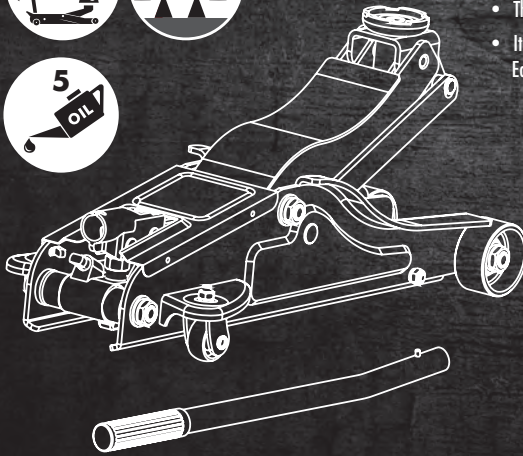
## Floor Hydraulic Jacks



### Main Characteristics of the Floor Hydraulic Jacks



- One piston pump to lift the load effortlessly through the arm.
- Release valve.
- The release valve avoids damages to the user and to the jack.
- Its compact design allows the use in reduced spaces. Easy to work under low clearance vehicles.



9010

### Low Profile Hydraulic Garage Jack



Capacity	Min. Height A	Lifting Height B	N.W. Kg	Dimensions mm	Part N°	€
<b>2 TON</b>	80 mm	510 mm	43 kg	822x360x214	<b>9010-02</b>	<b>787,27</b>



Rear casters to scroll more easily



Low profile design easy to get under most of the vehicles.



Double front casters



Tray



Foot pedal



**9015**

Low Profile Hydraulic Garage Jack

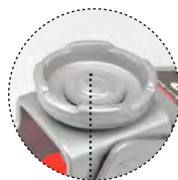
Capacity	Min. Height A	Lifting Height B	N.W. Kg	Dimensions mm	Part N°	€
<b>2 TON</b>	89 mm	359 mm	14,2 kg	556x234x140	<b>9015-02</b>	<b>204,36</b>



• Rotating rear wheels to scroll more easily



• 360° swivel positive locking safety release handle



• 360° rotating saddle to improve its versatility

• Release valve  
• High resistance steel castors

**9025**

Hydraulic Trolley Jack

Capacity	Min. Height A	Lifting Height B	N.W. Kg	Dimensions mm	Part N°	€
<b>2 TON</b>	135 mm	340 mm	8,7 kg	447x196x135	<b>9025-02</b>	<b>144,80</b>



• Rotating rear wheels to scroll more easily



• 360° swivel positive locking safety release handle

• Release valve  
• High resistance steel castors

**9025**

Hydraulic Trolley Jack

Capacity	Min. Height A	Lifting Height B	N.W. Kg	Dimensions mm	Part N°	€
<b>3 TON</b>	135 mm	400 mm	16,7 kg	520x195x135	<b>9025-03</b>	<b>215,39</b>



• Rotating rear wheels to scroll more easily



• 360° swivel positive locking safety release handle

• Release valve  
• High resistance steel castors



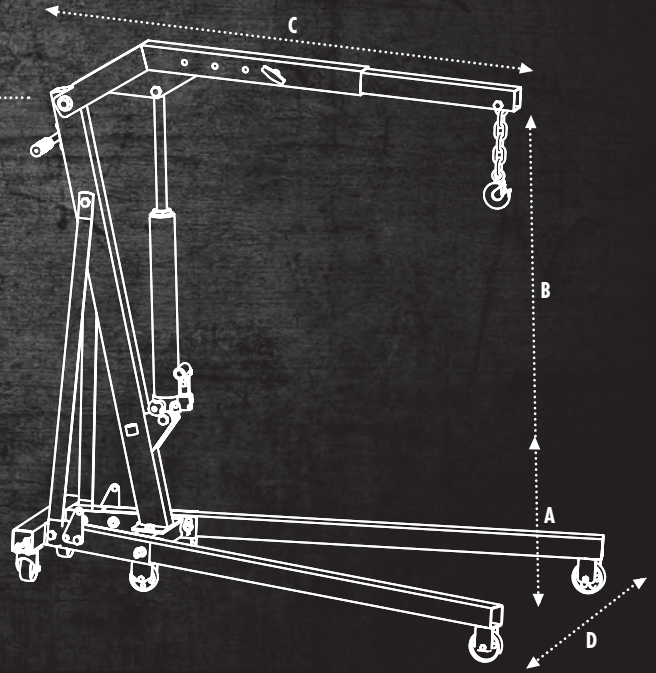
# Elevation

## Hydraulic Floor Cranes



### Main Characteristics of the Hydraulic Floor Cranes.

- Tool designed to lift, low and move motors, differentials and other heavy loads with a minimum effort.
- Reliability and security of the product have been tested.
- Below structure provided with castors to ensure more stability and movement.
- Adjustable lifting arm.
- Structure in tubular heavy gauge steel.
- Can be folded for an easy storage.



9030

Hydraulic Engine Crane Foldable

Capacity	Min. Height A	Lifting Height B	Length max.C	Width max.D	N.W. Kg	Part N°	€
<b>1 TON</b>	25 mm	2.040 mm	1.510 mm	1.015 mm	65 kg	<b>9030-01</b>	<b>661,89</b>





• Heavy duty hook



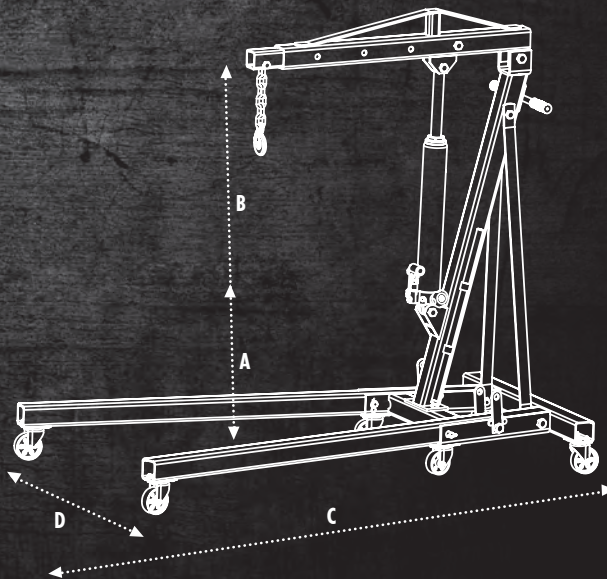
• Long dimensions vertical cylinder



• Folded design



• 4 rotating castors



**9030**

Hydraulic Engine Crane Foldable

Capacity	Min. Height A	Lifting Height B	Length max.C	Width max.D	N.W. Kg	Part N°	€
<b>2 TON</b>	25 mm	2.445 mm	1.740 mm	1.040 mm	110 kg	<b>9030-02</b>	<b>1.233,62</b>



• 4 rotating wheels





# Elevation

## Transmission Jacks



### Main Characteristics of the Transmission Jacks



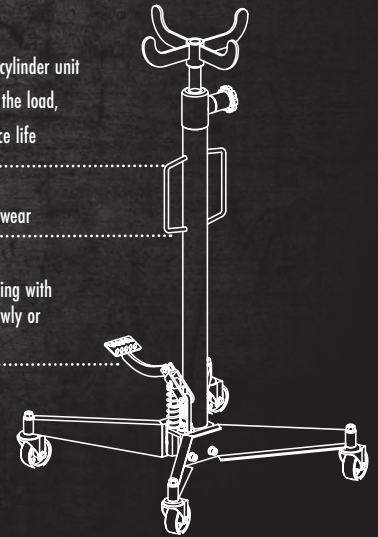
#### TRANSMISSION JACKS

- For use in pits and underneath elevated vehicles.
- The lifting and lowering of the load using the foot pedals allow the hands to be free for other jobs.
- Easily manoeuvrable thanks to the four swivel castors. The large base size provides high stability under load.

• High quality large diameter hydraulic steel cylinder unit results in lower oil pressure needed to move the load, which helps to reduce wear and extend service life

• Piston-ram is treated and polished to resist wear

• Piston-ram utilizes a polyurethane sealing ring with backup ring, preventing load from falling slowly or bypassing oil drift



9040

### Transmission Jack

Capacity	Min. Height	Lifting Height	N.W. Kg	Part N°	€
0,5 TON	1.140 mm	1.945 mm	24 kg	9040-0,5	490,41



The large base size provides high stability under load.



4 High-strength steel rotating wheels 360° facilitate the movement.

• Frame is constructed in high-grade steel according to the highest standards of quality and durability

• Paint is oil, grease and dirt-resistant for easy cleanup

• Lead-free paint finish is applied after a thorough chemical wash to ensure a long-lasting finish and to help prevent rust



**9040**

Transmission Jack



Capacity	Min. Height	Lifting Height	N.W. Kg	Part N°	€
<b>1,5 TON</b>	<b>1.130 mm</b>	<b>1.915 mm</b>	<b>24 kg</b>	<b>9040-1,5</b>	<b>1.019,14</b>



• Valve



• The lifting and lowering of the load using the foot pedals allow the hands to be free for other jobs.



• The large base size provides high stability under load.



• 4 High-strength PA rotating wheels 360° facilitate the movement.

• Frame is constructed in high-grade steel according to the highest standards of quality and durability

• Paint is oil, grease and dirt-resistant for easy cleanup

• Lead-free paint finish is applied after a thorough chemical wash to ensure a long-lasting finish and to help prevent rust





# Elevation

## Locking Jack stands



## Main Characteristics of the Locking Jack Stands



### LOCKING JACK STANDS

- Locking Jack stand is the perfect complement to other car jacks as an essential security measure. Great stability and wide stable support feet.
- Angled teeth in post prevent accidental release of load – the more weight applied, the tighter the post is locked.

9050

## Locking Jack Stands



Capacity	Min. Height	Lifting Height	N.W. Kg	Part N°	€ / 2u.
<b>2 TON</b>	<b>278 mm</b>	<b>428 mm</b>	<b>5 kg</b>	<b>9050-02</b>	<b>71,40</b>
<b>3 TON</b>	<b>288 mm</b>	<b>428 mm</b>	<b>6,6 kg</b>	<b>9050-03</b>	<b>75,60</b>
<b>6 TON</b>	<b>395 mm</b>	<b>613 mm</b>	<b>12,9 kg</b>	<b>9050-06</b>	<b>166,21</b>

Built in high-resistance cast iron

Paint is oil, grease and dirt-resistant for easy cleanup

Structure is made in high-resistance welded steel.



The large surface area provides better contact with the supported load



Angled teeth in post to provide maximum security.



Equipped with a double-lock protection feature.



The wide base prevents the sinking into the asphalt and similar surfaces.

9050

## Locking Jack Stands



Capacity	Min. Height	Lifting Height	N.W. Kg	Part N°	€ / 2u.
<b>10 TON</b>	<b>468 mm</b>	<b>718 mm</b>	<b>27,8 kg</b>	<b>9050-10</b>	<b>277,50</b>

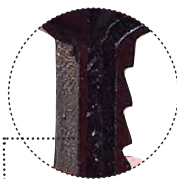
Built in high-resistance cast iron

Safety locking pin

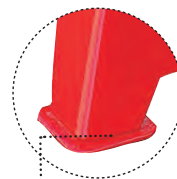
Paint is oil, grease and dirt-resistant for easy cleanup



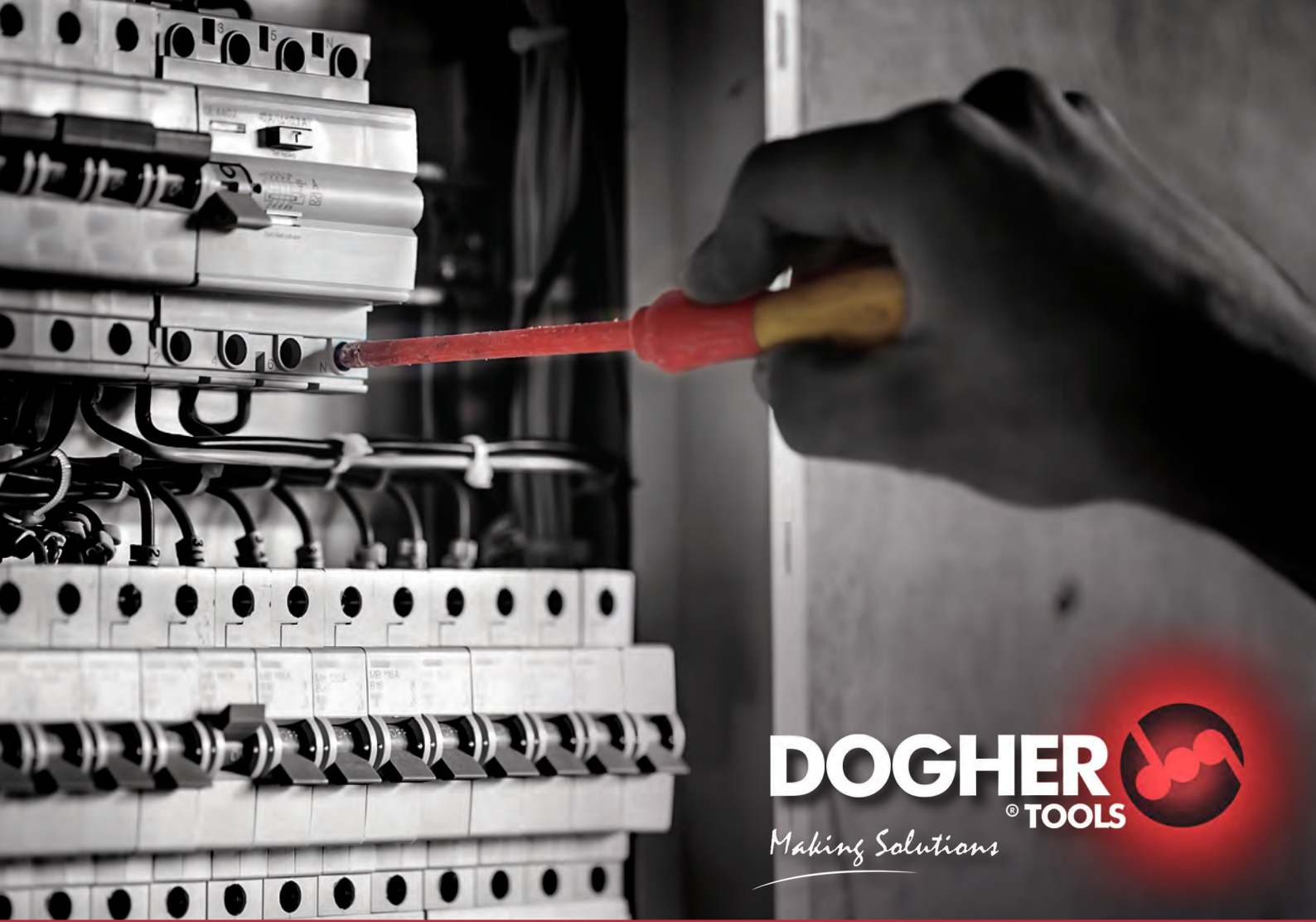
The large surface area provides better contact with the supported load



Angled teeth in post to provide maximum security.



The wide base prevents the sinking into the asphalt and similar surfaces.



# DOGHER

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 	526		542
	529		543
	532		544
	532		544
	533		
	540		

# VDE





**GOBOX Waterproof Trolley**



- 7,9 kg Weight
- 80 kg Max Load

Empty

Part N°	€
051-010	742,26



**051**

Waterproof, Electrician Composition

**67**  
Pcs



TESTED

Part N°	€
051-512	2.558,80



	250-180		255-160		251-160
	254-160		257-160		258-240
	296-005		296-025		296-026
	296-022		495-250		4.5-6 7-8
	5,5-8 • 2,5-3-4		PH1 • PH2		PZ1 • PZ2
	1,5		PH00		PHFL2
	3 • 4 • 5 • 6 • 8		10 • 13 • 14 • 17 • 19 • 22		
	10 • 11 • 13 • 14 • 17 • 19 • 22 • 24				



5331-001

**076**

Professional Composition



• 20 kg Max Load

410 x 295 x 240 mm

Part N°	€
<i>Empty</i>	
<b>076-004</b>	<b>79,70</b>

- Maximum Performance:
- Specific compartments for every kind of tools
- High Storage Capacity
- Zipper opening for easy access inside
- Specific pocket for organizer 052-014
- Reinforced Ergonomic Carrying Handle
- Adjustable Belts



COMPOSITION:

Rucksack + 1 Organizer + 29 Tools



- |           |           |                  |            |
|-----------|-----------|------------------|------------|
| 1 250-180 | 5 296-050 | 9 396-001        | 13 785-003 |
| 2 255-160 | 6 296-054 | 10 605-009       | 14 777-05  |
| 3 296-006 | 7 296-055 | 11 701-455       | 17 052-014 |
| 4 296-021 | 8 360-001 | 12 755-12-10-250 | 16 789-002 |
|           |           |                  | 15 076-004 |

410 x 295 x 240 mm

Part N°	€
<b>076-501</b>	<b>433,73</b>



Rucksack with Wheels



- Maximum Performance:
- Specific Compartments for each tool.
- Large Storage Capacity
- Zipper Opening for Easy Access Inside
- Reinforced Ergonomic Handle
- Telescopic Arm
- Adjustable Belts

Empty

Part N°	€
076-014	166,75

360 x 275 x 500/1050 mm

• 25 kg Max Load



COMPOSITION:

Rucksack + 1 Organizer + 29 Tools



- |           |           |                  |            |
|-----------|-----------|------------------|------------|
| 1 250-180 | 5 296-050 | 9 396-001        | 13 785-003 |
| 2 255-160 | 6 296-054 | 10 605-009       | 14 777-05  |
| 3 296-006 | 7 296-055 | 11 701-455       | 15 052-014 |
| 4 296-021 | 8 360-001 | 12 755-12-10-250 | 16 789-002 |
|           |           |                  | 17 076-014 |

Part N°	€
076-521	520,78

Insulated Pliers



**250** Insulated Combination Plier

Cr-V

TESTED



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	23	32	10	4	<b>250-160</b>	<b>35,95</b>
<b>180</b>	26	36	12	4	<b>250-180</b>	<b>37,08</b>
<b>200</b>	29	40	13	4	<b>250-200</b>	<b>42,15</b>

**255** Insulated Diagonal Cutting Plier

Cr-V

TESTED



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	22	22	11	4	<b>255-160</b>	<b>39,08</b>
<b>180</b>	24	24	12	4	<b>255-180</b>	<b>44,38</b>

**251** Insulated Long Nose Plier with Cut

Cr-V

TESTED



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	53	10	4	<b>251-160</b>	<b>41,30</b>
<b>200</b>	21	60	11	4	<b>251-200</b>	<b>43,26</b>

**252** Insulated Bent Nose Plier with Cut

Cr-V

TESTED



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	53	10	4	<b>252-160</b>	<b>42,01</b>
<b>200</b>	21	60	11	4	<b>252-200</b>	<b>44,84</b>

**253** Insulated Flat Nose Plier

Cr-V

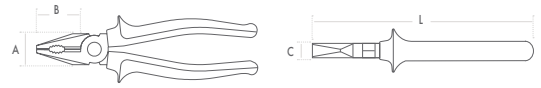
TESTED



L mm	A mm	B mm	C mm		Part N°	€
<b>160</b>	18	50	10	4	<b>253-160</b>	<b>38,67</b>

# VDE

## Insulated Pliers



254

Insulated Round Nose Plier

CrV

TESTED



L mm	A mm	B mm	C mm		Part N°	€
160	18	50	10	4	254-160	38,67

256

Insulated Heavy Duty Diagonal Cutting Plier

CrV

TESTED



L mm	A mm	B mm	C mm		Part N°	€
160	26	20	11	4	256-160	37,85
180	28	23	11	4	256-180	38,92
200	28	23	12	4	256-200	43,68

257

Insulated Wire Stripping Plier

CrV

TESTED



L mm	A mm	B mm	C mm		Part N°	€
160	18	37	10	4	257-160	41,96

258

Insulated Twin Slip-joint Water Pump Plier

CrV

TESTED



L mm	○ mm	Part N°	€
240	40	258-240	52,90

**EXP**

Counter Display 5 Pliers

**5**  
Pcs

CrV

TESTED



160 x 190 x 125 mm

**250**

Insulated Combination Pliers



Part N°	€
250-160J	179,75

**255**

Insulated Diagonal Cutting Pliers



Part N°	€
255-160J	195,40

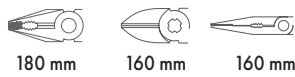
**205**

3 pliers Set Zipping

**3**  
Pcs

CrV

TESTED



180 mm    160 mm    160 mm

Part N°	€
250-002	123,71



**250**

Insulated 1000V

**3**  
Pcs

CrV



1/4 (375 x 140 x 30 mm)



160mm    160mm    180mm

Part N°	€
250-080	126,71

**250**

Insulated 1000V

**4**  
Pcs

CrV



1/3 (375 x 188 x 30 mm)



160mm    180mm    240mm    160mm

Part N°	€
250-081	182,86



# VDE

## Electrician Scissors, Knives and Tweezers



296

VDE Insulated Electrician Scissors

- 160 mm
- Inox
- TESTED
- VDE 1000V



L mm	Part N°	€
160	296-005	36,84

296

Insulated Flat Teeth Tweezer

- Cr-V
- TESTED
- VDE 1000V



L mm	Part N°	€
145	296-025	34,31

296

Insulated Curve Teeth Tweezer

- Cr-V
- TESTED
- VDE 1000V



L mm	Part N°	€
145	296-026	34,31

296

VDE Insulated Electrician Knife Straight Cut

- 200 mm
- Inox
- VDE 1000V



- 
- 
- TESTED

L mm	Part N°	€
200	296-022	21,73

296

VDE Insulated Electrician Knife Curved Cut

- 200 mm
- Inox
- VDE 1000V



- 
- 
- TESTED

L mm	Part N°	€
200	296-023	28,89

The VDE Serie Screwdrivers are manufactured with highly insulating compounds allowing to work safely in voltages up to 1000 V. Each screwdriver has been tested to 10000V test. IEC 60900.

## Insulated Professional Series



Round Insulated Blade



VDE Certificate



**360**

Milled



A mm	B mm	L mm		Part N°	€
2,5	0,4	75	10	360-025-075	6,73
3	0,5	100	10	360-030-100	7,38
3,5	0,5	100	10	360-035-100	7,92
4	0,8	100	10	360-040-100	7,98
5,5	1	125	10	360-055-125	11,25
6,5	1,2	150	10	360-065-150	12,46
8	1,6	175	10	360-080-175	13,85

**361**

Phillips



	L mm		Part N°	€
PH0	60	10	361-PH0-060	7,52
PH1	80	10	361-PH1-080	9,37
PH2	100	10	361-PH2-100	11,76
PH3	150	10	361-PH3-150	15,35

**367**

Milled



SLIM



**SLIM** SLIM: Extra fine diameter isolated blade specifically designed to provide access to reduced spaces.

A mm	B mm	L mm		Part N°	€
3,5	0,5	100	10	367-035-100	9,74
4	0,8	100	10	367-040-100	9,82
5,5	1	125	10	367-055-125	13,83

**367**

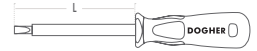
Phillips



SLIM



	L mm		Part N°	€
PH1	80	10	367-PH1-080	11,52
PH2	100	10	367-PH2-100	14,46



### 362

#### Pozidriv



	L mm		Part N°	€
<b>PZ0</b>	60	10	<b>362-PZ0-060</b>	<b>7,52</b>
<b>PZ1</b>	80	10	<b>362-PZ1-080</b>	<b>9,37</b>
<b>PZ2</b>	100	10	<b>362-PZ2-100</b>	<b>12,34</b>
<b>PZ3</b>	150	10	<b>362-PZ3-150</b>	<b>16,92</b>

### 363

#### Insulated MCB/MCCB Screwdrivers



	L mm		Part N°	€
<b>PHFL1</b>	60	10	<b>363-PHFL1</b>	<b>15,84</b>
<b>PHFL2</b>	80	10	<b>363-PHFL2</b>	<b>15,84</b>

### 364

#### Nut Driver



	L mm	L <sub>1</sub> mm	Ø <sub>1</sub> mm		Part N°	€
<b>4</b>	125	5	10	10	<b>364-04</b>	<b>16,88</b>
<b>5</b>	125	5	12	10	<b>364-05</b>	<b>16,88</b>
<b>6</b>	125	5	13	10	<b>364-06</b>	<b>16,88</b>
<b>7</b>	125	6	13	10	<b>364-07</b>	<b>18,52</b>
<b>8</b>	125	6	14	10	<b>364-08</b>	<b>18,92</b>
<b>9</b>	125	7	15	10	<b>364-09</b>	<b>19,81</b>
<b>10</b>	125	8	16	10	<b>364-10</b>	<b>20,42</b>
<b>11</b>	125	9	18	10	<b>364-11</b>	<b>22,03</b>
<b>12</b>	125	10	19	10	<b>364-12</b>	<b>25,05</b>
<b>13</b>	125	10	20	10	<b>364-13</b>	<b>27,64</b>

### 360

#### Magnetic Bit Holder



	L mm		Part N°	€
<b>1/4"</b>	100	10	<b>360-050</b>	<b>11,69</b>

360

Plastic Box

7  
Pcs



TESTED



Milled



3 • 4 • 5,5 • 6,5

PH0 • PH1 • PH2



Part N°	€
360-001	74,22

360

Plastic Box

7  
Pcs



TESTED



Milled



3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2



Part N°	€
360-002	74,80

364

Plastic Box

6  
Pcs



TESTED



5 • 6 • 8 • 9 • 10 • 12

Part N°	€
364-001	124,46

360

Carton Box

6  
Pcs



Milled



3 • 4 • 5,5 • 6,5

PH1 • PH2



Part N°	€
360-005	66,70

360

Carton Box

6  
Pcs



Milled



3 • 4 • 5,5 • 6,5

PZ1 • PZ2



Part N°	€
360-006	67,28



**360**

EVA Foam Tray

**7**

Pcs

CrMo

TESTED



1/4 (375 x 140 x 30 mm)

Milled



3 • 4 • 5,5 • 6,5

PH0 • PH1 • PH2



Part N°	€
<b>360-080</b>	<b>76,97</b>

**360**

EVA Foam Tray

**7**

Pcs

CrMo

TESTED



1/4 (375 x 140 x 30 mm)

Milled



3 • 4 • 5,5 • 6,5

PZ0 • PZ1 • PZ2



Part N°	€
<b>360-081</b>	<b>77,55</b>

**330**

EVA Foam Tray

**10**

Pcs

TESTED



1/3 (375 x 188 x 30 mm)

Milled



4 • 5,5 • 6,5

PH1 • PH2



Stamped



4 • 5,5 • 6,5

PH1 • PH2



Part N°	€
<b>330-084</b>	<b>98,33</b>

Further Information about EVA Foam Trays

p. 20 • 35

**360**

Set Zipping

**5**

Pcs

TESTED



Insulated Diagonal Cutting Ref. 255-160

Milled



4 • 5,5

PH1 • PH2



Part N°	€
<b>360-008</b>	<b>88,69</b>

Insulated Diagonal Cutting Ref. 255-160

Milled



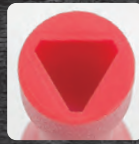
4 • 5,5

PZ1 • PZ2



Part N°	€
<b>360-009</b>	<b>89,27</b>

VDE tools set. Manufactured according to IEC 60900 regulations



VDE Case

• 4 Screwdrivers, Specials for electricians

080

VDE Case

19

Pcs



390 mm  
675 mm  
705 mm

Part N°	€
080-001	267,67

Insulated Milled Screwdriver	360-025-075 360-040-100 360-055-125 360-065-150 360-080-175
------------------------------	---

Insulated Phillips Screwdriver	361-PH0-060 361-PH1-080 361-PH2-100
--------------------------------	---

Insulated Heavy duty diagonal plier	255-160
-------------------------------------	---------

Insulated combination plier	250-180
-----------------------------	---------

Insulated long nose plier with cut	251-200
------------------------------------	---------

Insulated wire stripping plier	257-160
--------------------------------	---------

4 VDE Universal Screwdrivers + cup

Tester	396-001
--------	---------

2 insulating tape roll

080

VDE Screwdrivers Spare Parts



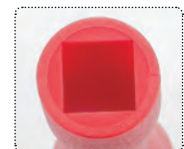
TRIANGULAR

Part N°	€
080-020	6,11



SQUARED 8 mm

Part N°	€
080-022	6,11



SQUARED 6 mm

Part N°	€
080-021	6,11



CIRCULAR

Part N°	€
080-023	6,11



**360**

Interchangeable Professional Screwdriver Set

**14**  
Pcs



1 T Handle  
1 Cup  
1 Tester  
11 Interchangeable Blades:

2,5 • 3,5 • 4,0 • 5,5 • 6,5

PH0 • PH1 • PH2

T10 • T15 • T20

Part N°	€
360-011	92,70

**360**

Interchangeable Professional Screwdriver Set

**14**  
Pcs



1 Handle  
1 Cup  
1 Tester  
11 Interchangeable Blades:

2,5 • 3,5 • 4,0 • 5,5 • 6,5

PH0 • PH1 • PH2

T10 • T15 • T20

Part N°	€
360-012	77,83

**360**

Interchangeable Professional Screwdriver Set

**13**  
Pcs



1 Handle  
1 Tester  
11 Interchangeable Blades:

2,5 • 3,0 • 3,5 • 4,0 • 5,5 • 6,0

PH0 • PH1 • PH2

PZ/FL1 • PZ/FL2

Part N°	€
360-013	101,86





# Insulated Precision Professional Series Screwdrivers

The VDE Serie Screwdrivers are manufactured with highly insulating compounds allowing to work safely in voltages up to 1000 V. Each screwdriver has been subjected to 10000V test. IEC 60900

The screwdriver cup facilitates the precision works

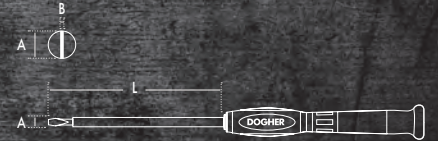
Round Insulated Blade

CrMo

Bimaterial Handle



VDE Certificate



365

Milled



TESTED

CrMo



A mm	B mm	L mm		Part N°	€
1,5	0,4	65	10	365-015-065	7,91
2	0,4	65	10	365-020-065	7,91
2,5	0,4	65	10	365-025-065	7,91
3	0,5	65	10	365-030-065	7,91

366

Phillips



TESTED

CrMo



	L mm		Part N°	€
PH00	65	10	366-PH00-065	7,91
PH0	65	10	366-PH0-065	7,91
PH1	65	10	366-PH1-065	7,91

365

Plastic Box



6 Pcs



CrMo

TESTED



2 • 2,5 • 3    PH00 • PH0 • PH1   

Part N°	€
365-001	53,96

365

Plastic Box



7 Pcs



CrMo

TESTED



1,5 • 2 • 2,5 • 3    PH00 • PH0 • PH1   

Part N°	€
365-002	61,87

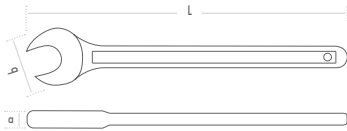


Insulated Wrenches

VDE insulated Wrenches tested at 10.000V and certified for 1.000V

4581

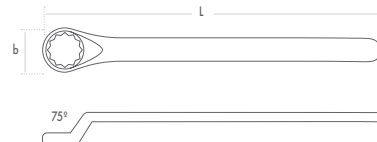
Insulated Open Wrench




A mm	L mm	a mm	b mm	Part N°	€
6	89	7	22	4581-06	23,08
7	89	7	24	4581-07	23,17
8	99	7	25	4581-08	24,65
9	99	7	28	4581-09	24,76
10	108	8	29	4581-10	24,90
11	108	8	31	4581-11	25,35
12	129	8	33	4581-12	26,59
13	134	10	34	4581-13	26,59
14	144	10	37	4581-14	27,96
15	148	11	40	4581-15	27,95
16	158	11	42	4581-16	29,06
17	158	12	44	4581-17	29,61
18	173	12	44	4581-18	30,29
19	173	12	47	4581-19	31,45
21	194	12	50	4581-21	35,55
22	194	13	54	4581-22	39,41
24	224	13	56	4581-24	45,63
27	250	14	61	4581-27	48,73
30	287	14	66	4581-30	54,33
32	307	16	70	4581-32	55,66

4583

Insulated Ring Wrench



	L mm	b mm	Part N°	€
6	151	16	4583-06	32,75
7	153	17	4583-07	32,75
8	157	18	4583-08	34,51
9	157	20	4583-09	35,18
10	172	21	4583-10	35,07
11	173	23	4583-11	35,39
12	194	23	4583-12	35,39
13	194	26	4583-13	37,96
14	207	26	4583-14	39,04
15	207	27	4583-15	40,47
16	218	30	4583-16	41,04
17	220	31	4583-17	42,29
18	234	32	4583-18	43,03
19	234	34	4583-19	44,48
21	248	38	4583-21	46,82
22	250	38	4583-22	47,17
24	270	40	4583-24	47,17

4581

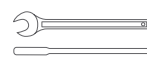
Nylon Pouch

14 Pcs

CrV



650 x 440 mm



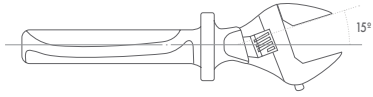
8 • 9 • 10 • 11 • 12 • 13 • 14  
17 • 19 • 22 • 24 • 27 • 30 • 32

Part N°	€
4581-002	485,62
451-002V *	23,02

\* Empty Nylon Pouch

495

Insulated Adjustable Wrench

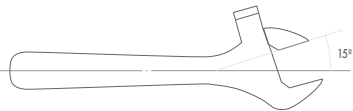


Bimaterial Handle

L mm	L "	mm	Part N°	€
200	8	25	495-200	49,99
250	10	33	495-250	59,12

497

Insulated Spanish Type Adjustable Wrench



L mm	L "	mm	Part N°	€
200	8	28	497-200	179,97
250	10	33	497-250	201,23
300	12	38	497-300	219,23

# VDE

1/4" • 3/8" •  
1/2"

Insulated Sockets



## 5010

Hexagonal



Hexagon	L mm	Part N°	€
5	42	5010-05	23,95
5,5	42	5010-05,5	23,95
6	42	5010-06	23,95
7	42	5010-07	23,95
8	42	5010-08	23,95

## 5116

Hexagonal



Hexagon	L mm	Part N°	€
8	44	5116-08	25,20
10	44	5116-10	25,29
11	44	5116-11	25,29
12	44	5116-12	25,29
13	44	5116-13	25,29
14	44	5116-14	25,29
16	44	5116-16	25,86
17	44	5116-17	26,03
18	44	5116-18	26,38
19	46	5116-19	26,38

## 5331

Hexagonal



Hexagon	L mm	Part N°	€
10	54	5331-10	26,63
11	54	5331-11	26,63
12	54	5331-12	26,63
13	54	5331-13	26,63
14	54	5331-14	26,64
16	54	5331-16	27,21
17	54	5331-17	27,39
18	54	5331-18	27,01
19	54	5331-19	27,77
21	54	5331-21	27,76
22	54	5331-22	27,94
24	54	5331-24	29,39
27	54	5331-27	30,31
30	59	5331-30	33,01
32	59	5331-32	34,25

## 5380

Hexagonal



Hexagon	L mm	Part N°	€
HX4	120	5380-04X120	47,45
HX5	120	5380-05X120	47,45
HX6	120	5380-06X120	47,45
HX8	120	5380-08X120	47,45
HX10	120	5380-10X120	49,65

**5224**

"T" Handle

3/8"

CrV

TESTED



Ø	L mm	Part N°	€
3/8"	210	5224-025	50,61

**5224**

Extension

3/8"

CrV

TESTED



L mm	Part N°	€
125	5224-003	48,21
250	5224-005	49,24

**5443**

"T" Handle

1/2"

CrV

TESTED



Ø	L mm	Part N°	€
1/2"	210	5443-025	65,92

**5443**

Extension

1/2"

CrV

TESTED



L mm	Part N°	€
125	5443-003	51,30
250	5443-005	52,86



**510**

Insulated Ratchet Handle

L mm	Part N°	€
145	510-009	138,52

**525**

Insulated Ratchet Handle

L mm	Part N°	€
200	525-009	165,38

**544**

Insulated Ratchet Handle

L mm	Part N°	€
250	544-009	206,69

**6010**

Short Hex VDE

• DIN EN 60900

mm	L1 mm	L2 mm	Box	Part N°	€
3	63	20	1	6010-03	16,10
4	70	25	1	6010-04	16,88
5	80	28	1	6010-05	19,45
6	90	32	1	6010-06	20,76
8	100	36	1	6010-08	22,24
10	112	40	1	6010-10	26,30
12	125	45	1	6010-12	37,84

**5331**

VDE 1/2" Hexagonal Socket Case

10 · 11 · 12 · 13 · 14 · 16 · 17 · 18 · 19 · 21 · 22 · 24 · 27

Sockets Bits 4 · 5 · 6 · 8 · L 120 mm

Ratchet Handle L 250 mm

Extension 250 mm

"T" Handle L 200 mm

Part N°	€
5331-001	577,13

415 x 320 x 80 mm

**20**  
Pcs



# DOGHER

© TOOLS



547



564



579



551



567



580



553



574



581



562



575



583

**Non-Sparking**  
**Cu-Be 10000**  
**Al-Br 15000**





# Beryllium Copper / Aluminium Brass Alloy



## Cu-Be

### Composition:

**Be 1,8% - 2,3%**  
**Co+Ni > 0,2%**  
**Other < 1,2%**  
**Cu - Rest**

**Hardness: 283-365 HB**

**Tensile strength: 1250 N/mm<sup>2</sup>**

## Al-Br

### Composition:

**Al 10% - 12%**  
**Ni 4% - 6%**  
**Fe+Mn < 5,8%**  
**Other - 0,5%**  
**Cu - Rest**

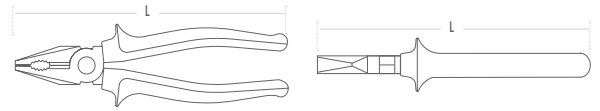
**Hardness: 221-291 HB**

**Tensile strength: 800 N/mm<sup>2</sup>**

The Safety of DOGHER TOOLS Non-Sparking Tools, is certified by the German Federal Institute for Materials Research and Examination BAM, a notified member of the European Union for certification according to Directive 94/9 / EG (ATEX). As well as by FM APPROVED, one of the most prestigious insurance companies in the world, specialized in the analysis and prevention of risks in the construction sector.





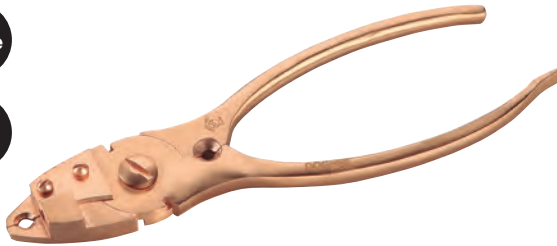


10200  
15200

Gas Combination Plier

Cu-Be

Al-Br



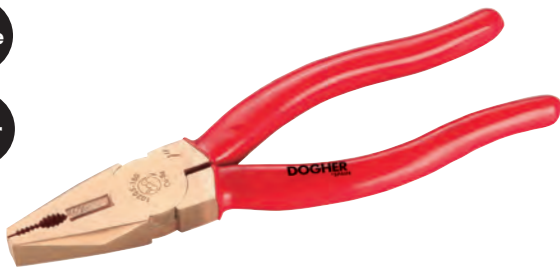
		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
180	7	10200-160	282,10	15200-160	198,42

10205  
15205

Professional Combination Plier

Cu-Be

Al-Br



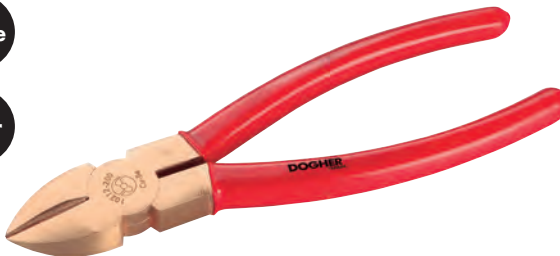
		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
160	6	10205-160	211,59	15205-160	176,02
180	7	10205-180	229,22	15205-180	180,17
200	8	10205-200	246,84	15205-200	184,64

10212  
15212

Professional Diagonal Cutting Plier

Cu-Be

Al-Br



		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
160	6	10212-160	264,48	15212-160	178,98
200	8	10212-200	276,31	15212-200	193,91

10213  
15213

Professional Heavy Duty Diagonal Cutting Plier

Cu-Be

Al-Br

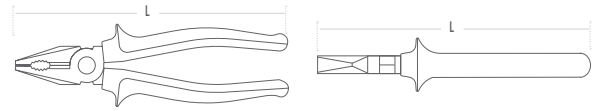


		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
160	6	10213-160	278,83	15213-160	184,49
180	8	10213-180	293,53	15213-180	193,91



# Cu-Be / Al-Br

Non-Sparking Professional Series Pliers



10210  
15210

Professional Flat Nose Plier

Cu-Be

Al-Br



		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
160	6	10210-160	193,94	15210-160	176,51

10211  
15211

Professional Round Nose Plier

Cu-Be

Al-Br



		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
160	6	10211-160	193,94	15211-160	176,51

10208  
15208

Professional Long Nose Plier

Cu-Be

Al-Br



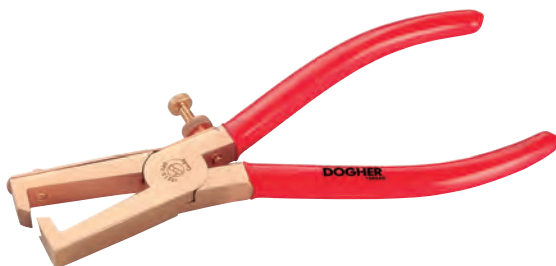
		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
150	6	10208-160	211,59	15208-160	163,70
180	7	10208-180	229,22	15208-180	171,76
200	8	10208-200	246,84	15208-200	172,61

10215  
15215

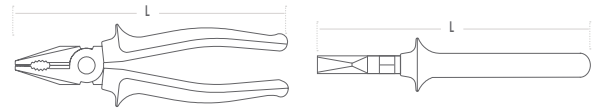
Professional Wire Stripping Plier

Cu-Be

Al-Br



		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
170	7	10215-160	405,53	15215-160	183,63



10219  
15219

Gas Combination Plier

Cu-Be

Al-Br



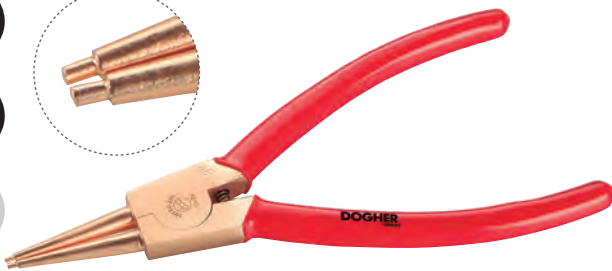
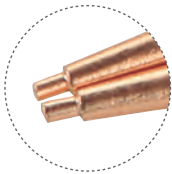
		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
200	8	10219-200	176,32	15219-200	149,87

10220  
15220

Straight Tips External Circlip® Plier

Cu-Be

Al-Br



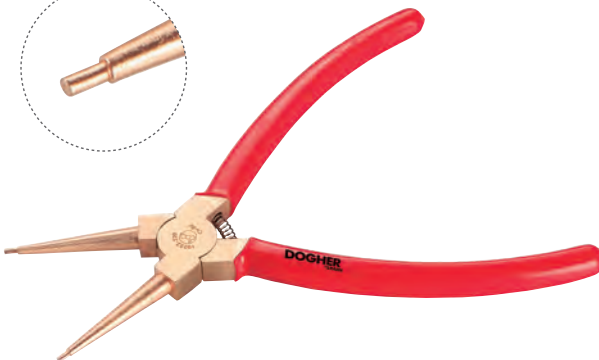
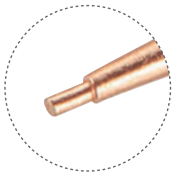
		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
200	8	10220-220	299,74	15220-220	239,22

10222  
15222

Straight Tips Internal Circlip® Plier

Cu-Be

Al-Br



		Cu-Be		Al-Br	
L mm	L"	Part N°	€	Part N°	€
200	8	10222-220	299,74	15222-220	239,37

# Cu-Be / Al-Br

Non-Sparking Professional Plier and Pincers



10266  
15266

Notch-joint Water Pump Plier

Cu-Be

Al-Br



			Cu-Be		Al-Br	
L mm	L"	Ø mm	Part N°	€	Part N°	€
250	10	45	10266-250	277,83	15266-250	205,12
300	12	55	10266-300	336,30	15266-300	248,39

10270  
15270

High Leverage Professional Plier

Cu-Be

Al-Br



Two Positions

			Cu-Be		Al-Br	
L mm	L"	Ø mm	Part N°	€	Part N°	€
200	8	13	10270-200	232,09	15270-200	186,09

10273  
15273

Professional Carpenter Pincer

Cu-Be

Al-Br



			Cu-Be		Al-Br	
L mm	L"		Part N°	€	Part N°	€
175	7		10273-180	381,21	15273-180	306,84
200	8		10273-200	384,70	15273-200	306,84

Prof

# Cu-Be / Al-Br

## Non-Sparking Professional Series Screwdrivers



The Professional Series Screwdrivers main features are:

- Bimaterial Handle: Anti-slip elastomer.
- Cu-Be / Al-Br Round Blade: for professional use.



10330 15330

Slotted

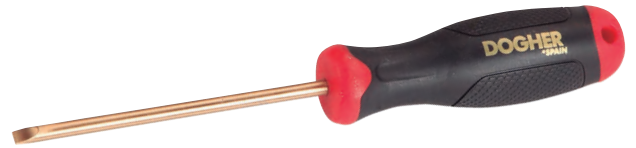
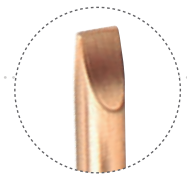


Cu-Be

Al-Br

10331  
15331

Straight



Cu-Be

Al-Br

A mm	L mm	L "	Part N°	€	Part N°	€
3	50	2	10330-030-050	26,45	15330-030-050	24,61
3	75	3	10330-030-075	29,98	15330-030-075	28,16
4	75	3	10330-040-075	33,50	15330-040-075	28,43
4,5	50	2	10330-045-050	29,98	15330-045-050	27,17
4,5	100	4	10330-045-100	38,91	15330-045-100	32,39
5	75	3	10330-050-075	35,26	15330-050-075	29,73
5	100	4	10330-050-100	38,80	15330-050-100	32,43
6	100	4	10330-060-100	42,32	15330-060-100	37,09
6	125	5	10330-060-125	42,32	15330-060-125	38,35
6	150	6	10330-060-150	51,95	15330-060-150	40,01
7	150	6	10330-070-150	51,87	15330-070-150	40,01
8	150	6	10330-080-150	59,96	15330-080-150	46,67
8	200	8	10330-080-200	82,55	15330-080-200	63,35
9	250	10	10330-090-250	97,20	15330-090-250	75,01
10	200	8	10330-100-200	99,65	15330-100-200	76,70
10	300	12	10330-100-300	123,43	15330-100-300	100,01
11	250	10	10330-110-250	130,85	15330-110-250	91,69
11	300	12	10330-110-300	141,06	15330-110-300	108,35
11	350	14	10330-110-350	163,84	15330-110-350	125,03
12	400	16	10330-120-400	184,64	15330-120-400	131,69
13	450	18	10330-130-450	193,57	15330-130-450	141,70

A mm	L mm	L "	Part N°	€	Part N°	€
3	50	2	10331-030-050	35,26	15331-030-050	31,91
4	100	4	10331-040-100	44,08	15331-040-100	39,80
4	150	6	10331-040-150	76,18	15331-040-150	52,42
5	100	4	10331-050-100	79,14	15331-050-100	49,01
5	200	8	10331-050-200	88,17	15331-050-200	70,21
6	100	4	10331-060-100	88,17	15331-060-100	52,68
8	150	6	10331-080-150	103,57	15331-080-150	71,33
10	200	8	10331-100-200	123,43	15331-100-200	89,21
10	300	4	10331-100-300	154,25	15331-100-300	106,03



# Cu-Be / Al-Br

Non-Sparking Professional Series Screwdrivers



10334  
15334

Phillips



Cu-Be

Al-Br



10337  
15337

Pozidriv



Cu-Be

Al-Br



Cu-Be

Al-Br

Icon	L mm	L "	Part N°	€	Part N°	€	
	PH0	50	2	10334-PH0-050	38,80	15334-PH0-050	33,12
	PH1	100	4	10334-PH1-100	38,80	15334-PH1-100	36,46
	PH2	125	5	10334-PH2-125	42,32	15334-PH2-125	38,45
	PH3	150	6	10334-PH3-150	61,71	15334-PH3-150	54,90
	PH4	300	12	10334-PH4-300	96,99	15334-PH4-300	81,12

Cu-Be

Al-Br

Icon	L mm	L "	Part N°	€	Part N°	€	
	PZ0	50	2	10337-PZ0-050	38,80	15337-PZ0-050	31,79
	PZ1	100	4	10337-PZ1-100	38,80	15337-PZ1-100	34,34
	PZ2	125	4	10337-PZ2-125	42,32	15337-PZ2-125	37,20
	PZ3	150	6	10337-PZ3-150	61,71	15337-PZ3-150	54,90
	PZ4	150	6	10337-PZ4-300	96,99	15337-PZ4-300	81,12

10330  
15330

Plastic Box

5

Pcs



Cu-Be

Al-Br



Stamped



5 • 6 • 8

PH1 • PH2



Part N°	€	Part N°	€
10330-005	222,18	15330-005	192,36

# Cu-Be / Al-Br

## Non-Sparking Double Open Ended Wrenches



10450  
15450

Double Open Ended Wrench

Cu-Be

Al-Br



		Cu-Be					Al-Br							Cu-Be					Al-Br								
A mm	B mm	L mm	Part N°	€	Part N°	€	A mm	B mm	L mm	Part N°	€	Part N°	€	A mm	B mm	L mm	Part N°	€	Part N°	€	A mm	B mm	L mm	Part N°	€	Part N°	€
6	7	92	10450-06-07	31,74	15450-06-07	26,07	22	27	215	10450-22-27	132,24	15450-22-27	117,04														
6	8	92	10450-06-08	31,74	15450-06-08	24,90	23	26	220	10450-23-26	135,77	15450-23-26	125,76														
7	8	96	10450-07-08	33,50	15450-07-08	27,72	24	25	230	10450-24-25	141,06	15450-24-25	127,85														
7	9	96	10450-07-09	33,50	15450-07-09	28,17	24	26	230	10450-24-26	144,56	15450-24-26	129,93														
8	9	100	10450-08-09	35,26	15450-08-09	27,72	24	27	230	10450-24-27	148,11	15450-24-27	142,15														
8	10	100	10450-08-10	37,03	15450-08-10	29,35	24	30	233	10450-24-30	156,92	15450-24-30	153,50														
9	10	110	10450-09-10	38,80	15450-09-10	29,84	25	28	236	10450-25-28	176,79	15450-25-28	165,24														
9	11	110	10450-09-11	40,55	15450-09-11	35,87	26	29	250	10450-26-29	179,97	15450-26-29	163,87														
10	11	115	10450-10-11	42,32	15450-10-11	37,86	27	29	250	10450-27-29	180,54	15450-27-29	163,87														
10	12	120	10450-10-12	45,83	15450-10-12	40,62	27	30	250	10450-27-30	180,54	15450-27-30	163,87														
10	13	124	10450-10-13	49,37	15450-10-13	41,31	27	32	255	10450-27-32	185,13	15450-27-32	183,55														
10	14	124	10450-10-14	49,37	15450-10-14	41,64	28	30	250	10450-28-30	185,94	15450-28-30	175,81														
11	13	128	10450-11-13	52,90	15450-11-13	47,40	30	31	265	10450-30-31	202,76	15450-30-31	182,09														
11	14	130	10450-11-14	52,90	15450-11-14	48,20	30	32	265	10450-30-32	240,01	15450-30-32	190,10														
12	13	128	10450-12-13	56,43	15450-12-13	48,97	30	34	270	10450-30-34	229,22	15450-30-34	201,89														
12	14	130	10450-12-14	56,43	15450-12-14	49,37	30	36	270	10450-30-36	229,22	15450-30-36	206,18														
13	15	133	10450-13-15	59,96	15450-13-15	54,18	32	34	270	10450-32-34	260,95	15450-32-34	214,40														
14	15	143	10450-14-15	63,47	15450-14-15	55,08	32	35	300	10450-32-35	260,95	15450-32-35	220,23														
14	16	150	10450-14-16	67,70	15450-14-16	64,34	32	36	300	10450-32-36	260,95	15450-32-36	223,06														
14	17	150	10450-14-17	70,53	15450-14-17	65,94	33	35	300	10450-33-35	282,10	15450-33-35	228,57														
16	17	157	10450-16-17	74,06	15450-16-17	66,49	34	36	300	10450-34-36	282,10	15450-34-36	234,40														
16	18	163	10450-16-18	77,58	15450-16-18	67,02	35	36	300	10450-35-36	290,92	15450-35-36	244,17														
17	19	170	10450-17-19	81,11	15450-17-19	76,18	36	38	330	10450-36-38	290,92	15450-36-38	279,46														
17	22	173	10450-17-22	91,69	15450-17-22	84,67	36	41	330	10450-36-41	308,56	15450-36-41	294,99														
18	19	179	10450-18-19	95,21	15450-18-19	86,07	36	42	330	10450-36-42	326,18	15450-36-42	310,51														
18	20	175	10450-18-20	98,74	15450-18-20	86,78	41	46	355	10450-41-46	387,90	15450-41-46	347,43														
19	20	182	10450-19-20	102,27	15450-19-20	88,18	46	50	370	10450-46-50	476,07	15450-46-50	426,09														
19	22	185	10450-19-22	105,79	15450-19-22	89,60	50	52	375	10450-50-52	528,97	15450-50-52	432,65														
19	24	190	10450-19-24	109,33	15450-19-24	93,10	50	55	385	10450-50-55	581,85	15450-50-55	439,18														
20	22	195	10450-20-22	109,33	15450-20-22	94,66	50	60	400	10450-50-60	622,57	15450-50-60	445,75														
21	22	200	10450-21-22	114,61	15450-21-22	95,45	50	62	400	10450-50-62	632,45	15450-50-62	452,31														
21	23	200	10450-21-23	114,61	15450-21-23	96,20	55	60	415	10450-55-60	775,81	15450-55-60	576,85														
22	23	210	10450-22-23	118,15	15450-22-23	109,91	60	65	435	10450-60-65	843,47	15450-60-65	603,08														
22	24	210	10450-22-24	118,15	15450-22-24	110,81	65	70	460	10450-65-70	898,75	15450-65-70	642,41														

# Cu-Be / Al-Br

Double Open Ended Wrench Sets



10450  
15450

Nylon Pouch

8

Pcs

Cu-Be

Al-Br



390 x 300 mm



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-001	507,81	15450-001	442,92

10450  
15450

Nylon Pouch

12

Pcs

Cu-Be

Al-Br



620 x 350 mm



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-002	1.187,33	15450-002	1.036,61

10450  
15450

Plastic Holder

**6**  
Pcs

Cu-Be

Al-Br



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-016	303,27	15450-016	262,20

**8**  
Pcs

Cu-Be

Al-Br



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-018	507,81	15450-018	442,92

10450  
15450

Plastic Holder

**10**  
Pcs

Cu-Be

Al-Br



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17  
• 18x19 • 20x22 • 21x23 • 24x27

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-020	770,53	15450-020	681,27

**12**  
Pcs

Cu-Be

Al-Br



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10450-022	1.187,33	15450-022	1.036,61

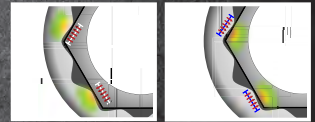


# Cu-Be / Al-Br

## Non-Sparking Combination Wrenches

- Maximum load distribution
- Quick tightening
- Maximum performance without wear
- Decreases damage to nuts and bolts
- Longer lifetime of the wrench
- Maximum contact surface
- Homogeneous stress distribution

Effect of stress:



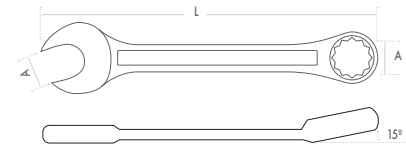
- On the wrench
- On the nut

10451  
15451

Combination Wrench

Cu-Be

Al-Br



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
6	105	10451-06	44,76	15451-06	31,26
7	120	10451-07	48,35	15451-07	33,74
8	120	10451-08	52,50	15451-08	37,50
9	135	10451-09	57,30	15451-09	39,98
10	135	10451-10	60,70	15451-10	47,50
11	150	10451-11	65,61	15451-11	56,25
12	150	10451-12	72,18	15451-12	66,26
13	175	10451-13	75,45	15451-13	69,95
14	175	10451-14	78,75	15451-14	73,59
15	195	10451-15	90,23	15451-15	80,31
16	195	10451-16	93,50	15451-16	90,20
17	195	10451-17	106,64	15451-17	103,07
18	215	10451-18	111,56	15451-18	104,93
19	215	10451-19	114,84	15451-19	106,75
20	215	10451-20	118,11	15451-20	110,44
21	245	10451-21	127,95	15451-21	114,12
22	245	10451-22	131,25	15451-22	123,29
23	265	10451-23	137,80	15451-23	127,00
24	265	10451-24	155,84	15451-24	136,21
25	265	10451-25	164,04	15451-25	146,36
26	290	10451-26	172,25	15451-26	152,96
27	290	10451-27	180,45	15451-27	156,81

		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
28	290	10451-28	213,27	15451-28	192,10
29	320	10451-29	221,46	15451-29	196,55
30	320	10451-30	229,67	15451-30	212,21
31	340	10451-31	262,48	15451-31	246,61
32	340	10451-32	270,68	15451-32	257,33
33	340	10451-33	324,83	15451-33	259,49
34	360	10451-34	327,27	15451-34	265,92
35	360	10451-35	331,14	15451-35	268,07
36	360	10451-36	340,24	15451-36	289,49
38	430	10451-38	353,89	15451-38	310,95
40	430	10451-40	377,32	15451-40	340,98
41	430	10451-41	401,93	15451-41	366,71
42	430	10451-42	475,74	15451-42	402,09
46	480	10451-46	492,16	15451-46	426,76
50	520	10451-50	541,36	15451-50	471,75
52	520	10451-52	626,48	15451-52	509,28
55	560	10451-55	606,98	15451-55	514,65
60	595	10451-60	672,62	15451-60	557,55
65	595	10451-65	913,65	15451-65	642,41
70	630	10451-70	1.029,85	15451-70	694,85
75	630	10451-75	1.154,93	15451-75	757,47
80	660	10451-80	1.368,99	15451-80	883,73

10451  
15451

Nylon Pouch

**14**  
Pcs

Cu-Be

Al-Br



650 x 440 mm



**Cu-Be** **Al-Br**

Part N°	€	Part N°	€
10451-002	1.651,86	15451-002	1.486,70

**17**  
Pcs

Cu-Be

Al-Br



470 x 450 mm



**Cu-Be** **Al-Br**

Part N°	€	Part N°	€
10451-003	1.449,69	15451-003	1.289,14

10451  
15451

Nylon Pouch

**24**  
Pcs

Cu-Be

Al-Br



650 x 580 mm



**Cu-Be** **Al-Br**

Part N°	€	Part N°	€
10451-005	3.012,09	15451-005	2.686,24

**26**  
Pcs

Cu-Be

Al-Br



650 x 500 mm



**Cu-Be** **Al-Br**

Part N°	€	Part N°	€
10451-006	3.195,15	15451-006	2.866,66

# Cu-Be / Al-Br

Combination Wrenches Sets



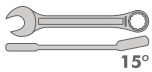
10451  
15451

Plastic Holder

**8**

Pcs

CrV

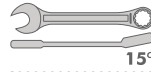


8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

**12**

Pcs

CrV



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10451-018	626,67	15451-018	560,87

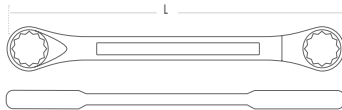
Cu-Be		Al-Br	
Part N°	€	Part N°	€
10451-022	979,26	15451-022	876,29

10454  
15454

Double Ring Flat Wrench

Cu-Be

Al-Br



		Cu-Be			Al-Br	
mm	mm	L mm	Part N°	€	Part N°	
6	7	95	10454-06-07	54,71	15454-06-07	39,64
7	9	115	10454-07-09	55,98	15454-07-09	40,44
8	9	115	10454-08-09	50,23	15454-08-09	42,05
9	11	125	10454-09-11	53,05	15454-09-11	44,50
10	11	140	10454-10-11	58,24	15454-10-11	45,39
10	12	140	10454-10-12	65,10	15454-10-12	47,15
12	14	145	10454-12-14	71,80	15454-12-14	48,94
13	15	155	10454-13-15	86,04	15454-13-15	58,14
14	17	165	10454-14-17	87,82	15454-14-17	59,28
16	18	170	10454-16-18	115,03	15454-16-18	77,29
17	19	185	10454-17-19	126,63	15454-17-19	85,08
17	22	200	10454-17-22	136,61	15454-17-22	93,59
18	19	185	10454-18-19	140,49	15454-18-19	94,15
19	21	200	10454-19-21	141,05	15454-19-21	105,51
19	22	200	10454-19-22	143,01	15454-19-22	108,02
20	22	200	10454-20-22	143,91	15454-20-22	110,58
21	23	220	10454-21-23	154,83	15454-21-23	119,26
22	24	220	10454-22-24	185,77	15454-22-24	132,55
24	27	255	10454-24-27	199,53	15454-24-27	153,23
25	28	265	10454-25-28	221,90	15454-25-28	171,30
26	28	265	10454-26-28	240,00	15454-26-28	178,14
27	30	280	10454-27-30	252,98	15454-27-30	181,77
27	32	295	10454-27-32	261,63	15454-27-32	200,52
30	32	295	10454-30-32	294,20	15454-30-32	212,86
30	36	330	10454-30-36	368,66	15454-30-36	266,07
32	36	330	10454-32-36	442,71	15454-32-36	319,28
36	41	365	10454-36-41	638,10	15454-36-41	461,00
41	46	405	10454-41-46	669,36	15454-41-46	546,56
46	50	425	10454-46-50	739,56	15454-46-50	622,20



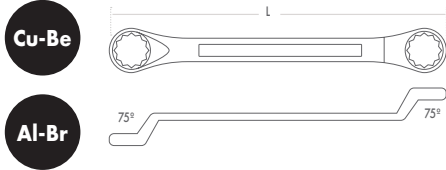
# Cu-Be / Al-Br

Non-Sparking Double Ring Offset



10453  
15453

Double Ring Offset Wrench



		Cu-Be			Al-Br	
mm	mm	L mm	Part N°	€	Part N°	€
6	7	180	10453-06-07	37,03	15453-06-07	34,62
8	9	190	10453-08-09	42,32	15453-08-09	40,98
10	11	215	10453-10-11	51,14	15453-10-11	46,76
12	13	225	10453-12-13	74,06	15453-12-13	72,43
14	15	255	10453-14-15	91,69	15453-14-15	84,49
14	17	255	10453-14-17	98,74	15453-14-17	90,58
16	17	280	10453-16-17	105,79	15453-16-17	94,68
16	18	280	10453-16-18	109,33	15453-16-18	104,23
18	19	280	10453-18-19	134,00	15453-18-19	112,85
20	22	320	10453-20-22	162,20	15453-20-22	125,59
21	23	320	10453-21-23	169,26	15453-21-23	131,08
22	24	330	10453-22-24	179,85	15453-22-24	151,86
24	26	340	10453-24-26	197,47	15453-24-26	162,04
24	27	340	10453-24-27	201,00	15453-24-27	154,23
25	28	350	10453-25-28	211,59	15453-25-28	162,04
27	29	350	10453-27-29	227,45	15453-27-29	178,41
30	32	370	10453-30-32	282,10	15453-30-32	218,44
34	36	430	10453-34-36	361,45	15453-34-36	278,04
36	41	470	10453-36-41	423,16	15453-36-41	325,51
41	46	500	10453-41-46	599,50	15453-41-46	461,15
46	50	525	10453-46-50	705,29	15453-46-50	542,52

10453  
15453

Nylon Pouch

6  
Pcs

Cu-Be

Al-Br



350 x 330 mm



• 6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10453-001	402,01	15453-001	373,96

10453  
15453

Nylon Pouch

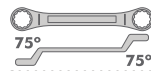
8  
Pcs

Cu-Be

Al-Br



390 x 380 mm



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10453-002	698,22	15453-002	612,40

10453  
15453

Nylon Pouch

12  
Pcs

Cu-Be

Al-Br



620 x 480 mm



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

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10453-003	1.562,17	15453-003	1.278,20

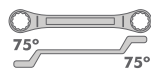
10453  
15453

Plastic Holder

6  
Pcs

Cu-Be

Al-Br



• 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19

Cu-Be		Al-Br	
Part N°	€	Part N°	€
10453-016	498,98	15453-016	452,19

# Cu-Be / Al-Br

Non-Sparking Adjustable Wrenches

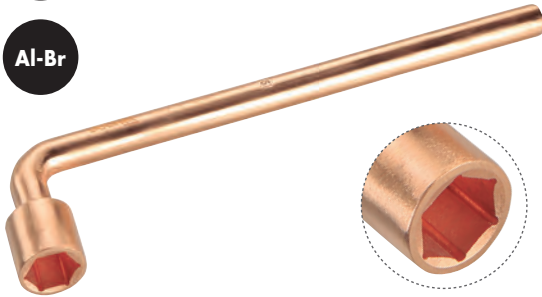


10462  
15462

Angled Hex Socket Wrench

Cu-Be

Al-Br



Cu-Be

Al-Br

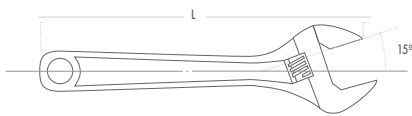
mm	L mm	L2 mm	Cu-Be		Al-Br	
			Part N°	€	Part N°	€
13	240	45	10462-13	123,43	15462-13	94,94
17	245	45	10462-17	176,32	15462-17	135,63
19	250	48	10462-19	185,13	15462-19	142,40
22	278	59	10462-22	246,84	15462-22	189,88
24	286	63	10462-24	264,48	15462-24	203,46
27	294	69	10462-27	282,10	15462-27	217,00
30	302	75	10462-30	317,36	15462-30	244,14
32	310	81	10462-32	352,65	15462-32	271,27
36	330	85	10462-36	405,53	15462-36	311,94
41	350	90	10462-41	493,69	15462-41	379,77

10493  
15493

Professional Adjustable Wrench

Cu-Be

Al-Br



Cu-Be

Al-Br

L mm	L "	mm	Cu-Be		Al-Br	
			Part N°	€	Part N°	€
150	6	18	10493-150	205,58	15493-150	135,49
200	8	24	10493-200	214,12	15493-200	132,42
250	10	30	10493-250	285,50	15493-250	187,08
300	12	36	10493-300	317,19	15493-300	238,27
375	15	46	10493-375	484,85	15493-375	374,75
450	18	55	10493-450	658,57	15493-450	531,15
600	24	65	10493-600	1.215,93	15493-600	910,62
900	36	70	10493-900	2.702,09	15493-900	1.869,40

10471  
15471

Flexible Hook Wrench

Cu-Be

Al-Br



Cu-Be

Al-Br

mm	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
32~75	205	10471-32-75	211,07	15471-32-75	156,35
50~120	288	10471-50-120	331,14	15471-50-120	245,29
115~170	310	10471-115-170	556,11	15471-115-170	411,95

Non Sparking Deep Offset Slogging Ring Wrench

10484  
15484

Deep Offset Slogging Ring Wrench

Cu-Be

Al-Br



mm	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
24	180	10484-24	434,75	15484-24	322,05
27	190	10484-27	434,75	15484-27	322,05
30	200	10484-30	434,75	15484-30	322,05
32	235	10484-32	434,75	15484-32	322,05
36	245	10484-36	461,92	15484-36	342,16
41	265	10484-41	473,01	15484-41	350,39
46	280	10484-46	522,42	15484-46	386,98
50	290	10484-50	634,85	15484-50	470,25
55	300	10484-55	747,94	15484-55	554,02

10484  
15484

Deep Offset Slogging Ring Wrench Bar

Cu-Be

Al-Br



L mm	Cu-Be		Al-Br	
	Part N°	€	Part N°	€
460	10484-001	319,76	15484-001	236,86
610	10484-002	420,91	15484-002	311,78
760	10484-003	516,32	15484-003	382,46



# Cu-Be / Al-Br

Non-Sparking Slogging Open Ended Wrench



10478  
15478

Open Ended Slogging Wrench

Cu-Be

Al-Br

DIN133



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
17	125	10478-17	122,07	15478-17	90,35
19	125	10478-19	126,54	15478-19	93,95
22	135	10478-22	131,69	15478-22	97,57
24	150	10478-24	141,18	15478-24	104,79
25	150	10478-25	158,84	15478-25	117,46
27	175	10478-27	160,39	15478-27	118,57
28	175	10478-28	161,72	15478-28	119,70
29	190	10478-29	167,50	15478-29	144,54
30	190	10478-30	193,94	15478-30	145,92
32	190	10478-32	193,94	15478-32	153,59
33	200	10478-33	193,94	15478-33	162,62
34	200	10478-34	193,94	15478-34	164,17
35	210	10478-35	232,23	15478-35	171,66
36	200	10478-36	234,29	15478-36	173,30
37	220	10478-37	256,02	15478-37	189,72
38	220	10478-38	255,66	15478-38	191,52
41	230	10478-41	281,09	15478-41	207,80
42	230	10478-42	329,60	15478-42	243,52
45	250	10478-45	354,97	15478-45	262,00
46	250	10478-46	358,07	15478-46	264,50
47	250	10478-47	384,71	15478-47	284,60
50	275	10478-50	415,19	15478-50	307,18
52	275	10478-52	431,98	15478-52	337,89
54	305	10478-54	431,98	15478-54	352,36

		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
55	305	10478-55	476,33	15478-55	352,36
56	305	10478-56	493,69	15478-56	369,13
58	315	10478-58	493,69	15478-58	442,67
60	315	10478-60	604,47	15478-60	446,90
63	335	10478-63	634,76	15478-63	474,14
65	335	10478-65	659,85	15478-65	487,86
67	335	10478-67	705,29	15478-67	580,77
70	370	10478-70	867,77	15478-70	641,46
71	370	10478-71	910,18	15478-71	671,99
75	375	10478-75	934,49	15478-75	722,33
77	375	10478-77	1.057,93	15478-77	806,43
80	400	10478-80	1.057,93	15478-80	851,81
82	400	10478-82	1.059,56	15478-82	934,07
85	400	10478-85	1.066,74	15478-85	970,56
88	445	10478-88	1.234,24	15478-88	1.099,60
90	445	10478-90	1.269,52	15478-90	1.164,02
94	445	10478-94	1.410,58	15478-94	1.259,65
95	445	10478-95	1.445,71	15478-95	1.291,14
100	485	10478-100	1.939,44	15478-100	1.522,57
105	485	10478-105	2.292,07	15478-105	1.852,29
110	513	10478-110	2.468,46	15478-110	1.929,87
115	513	10478-115	2.644,82	15478-115	2.312,49
120	530	10478-120	2.821,06	15478-120	2.473,47

10452  
15452

Slogging Ring Wrench

Cu-Be

Al-Br

DIN133



		Cu-Be		Al-Br				Cu-Be		Al-Br	
mm	L mm	Part N°	€	Part N°	€	mm	L mm	Part N°	€	Part N°	€
17	145	10452-17	123,04	15452-17	98,46	60	274	10452-60	525,15	15452-60	411,74
19	145	10452-19	126,32	15452-19	100,24	61	274	10452-61	543,65	15452-61	427,11
20	155	10452-20	129,61	15452-20	101,15	62	274	10452-62	556,27	15452-62	435,73
22	155	10452-22	132,89	15452-22	102,04	63	298	10452-63	573,85	15452-63	449,38
24	165	10452-24	136,16	15452-24	103,83	64	298	10452-64	590,95	15452-64	462,97
25	165	10452-25	154,80	15452-25	121,20	65	298	10452-65	592,03	15452-65	450,35
26	175	10452-26	154,97	15452-26	121,25	66	298	10452-66	597,98	15452-66	469,10
27	175	10452-27	154,97	15452-27	121,25	67	320	10452-67	608,21	15452-67	476,62
28	175	10452-28	162,03	15452-28	127,22	68	320	10452-68	732,74	15452-68	575,43
29	185	10452-29	166,09	15452-29	130,05	69	320	10452-69	734,61	15452-69	575,43
30	185	10452-30	172,40	15452-30	135,10	70	320	10452-70	735,83	15452-70	575,43
31	185	10452-31	178,40	15452-31	139,40	71	320	10452-71	739,16	15452-71	579,55
32	185	10452-32	180,73	15452-32	141,71	72	320	10452-72	745,52	15452-72	583,65
33	200	10452-33	196,86	15452-33	155,48	73	326	10452-73	751,33	15452-73	587,75
34	200	10452-34	205,07	15452-34	164,42	74	326	10452-74	755,36	15452-74	591,86
35	205	10452-35	215,31	15452-35	168,71	75	326	10452-75	759,76	15452-75	595,96
36	205	10452-36	218,59	15452-36	171,57	76	326	10452-76	797,40	15452-76	625,17
37	215	10452-37	239,64	15452-37	195,46	77	326	10452-77	806,73	15452-77	632,98
38	215	10452-38	259,48	15452-38	203,71	78	350	10452-78	830,89	15452-78	651,45
39	215	10452-39	303,04	15452-39	246,28	79	350	10452-79	854,87	15452-79	669,95
40	225	10452-40	319,92	15452-40	250,90	80	350	10452-80	877,41	15452-80	688,43
41	225	10452-41	326,07	15452-41	255,10	81	350	10452-81	927,55	15452-81	726,97
42	225	10452-42	354,22	15452-42	277,42	82	350	10452-82	939,74	15452-82	735,55
43	225	10452-43	363,53	15452-43	284,67	83	355	10452-83	950,45	15452-83	744,11
44	235	10452-44	365,10	15452-44	277,42	84	355	10452-84	962,15	15452-84	752,69
45	235	10452-45	365,81	15452-45	282,25	85	355	10452-85	972,69	15452-85	761,28
46	235	10452-46	369,26	15452-46	289,49	86	355	10452-86	1.066,34	15452-86	843,30
47	235	10452-47	399,76	15452-47	313,39	87	355	10452-87	1.082,75	15452-87	861,88
48	250	10452-48	406,59	15452-48	318,84	88	380	10452-88	1.124,79	15452-88	880,46
49	250	10452-49	413,54	15452-49	324,31	89	380	10452-89	1.148,25	15452-89	899,05
50	250	10452-50	421,54	15452-50	329,74	90	380	10452-90	1.164,77	15452-90	847,06
51	250	10452-51	432,03	15452-51	337,94	92	380	10452-92	1.197,57	15452-92	965,00
52	250	10452-52	441,79	15452-52	346,25	94	390	10452-94	1.213,98	15452-94	977,04
53	265	10452-53	445,99	15452-53	349,02	95	390	10452-95	1.260,14	15452-95	989,12
54	265	10452-54	449,09	15452-54	351,79	98	410	10452-98	1.394,43	15452-98	1.137,08
55	265	10452-55	452,49	15452-55	354,56	100	410	10452-100	1.443,58	15452-100	1.159,24
56	265	10452-56	492,58	15452-56	386,00	105	420	10452-105	1.476,43	15452-105	1.184,78
57	265	10452-57	501,28	15452-57	392,44	110	445	10452-110	1.839,61	15452-110	1.386,99
58	274	10452-58	508,00	15452-58	398,87	115	450	10452-115	2.296,60	15452-115	1.541,86
59	274	10452-59	517,10	15452-59	405,31	120	480	10452-120	2.363,27	15452-120	1.779,09

# Cu-Be / Al-Br

Non-Sparking Slogging Ring Wrench



10452  
15452

Slogging Ring Wrench

Cu-Be

Al-Br

DIN7444

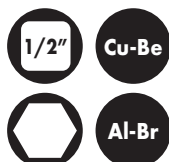


SAE		Cu-Be		Al-Br	
⌀"	L mm	Part N°	€	Part N°	€
5/8	145	10452-5/8	125,20	15452-5/8	94,65
11/16	145	10452-11/16	139,45	15452-11/16	106,00
3/4	145	10452-3/4	147,64	15452-3/4	111,69
25/32	145	10452-25/32	117,84	15452-25/32	107,05
13/16	155	10452-13/16	134,12	15452-13/16	115,03
7/8	155	10452-7/8	155,84	15452-7/8	118,71
15/16	165	10452-15/16	162,93	15452-15/16	120,72
1	175	10452-1	164,04	15452-1	122,68
1.1/16	175	10452-1.1/16	164,04	15452-1.1/16	126,64
1.1/8	185	10452-1.1/8	172,25	15452-1.1/8	130,62
1.3/16	185	10452-1.3/16	180,45	15452-1.3/16	134,39
1.1/4	185	10452-1.1/4	180,45	15452-1.1/4	148,41
1.5/16	200	10452-1.5/16	202,02	15452-1.5/16	152,38
1.3/8	200	10452-1.3/8	208,13	15452-1.3/8	156,33
1.13/32	205	10452-1.13/32	262,48	15452-1.13/32	197,46
1.7/16	205	10452-1.7/16	262,48	15452-1.7/16	209,08
1.1/2	215	10452-1.1/2	278,88	15452-1.1/2	212,17
1.9/16	225	10452-1.9/16	292,62	15452-1.9/16	220,71
1.5/8	225	10452-1.5/8	312,19	15452-1.5/8	235,74
1.11/16	225	10452-1.11/16	352,71	15452-1.11/16	241,65
1.3/4	235	10452-1.3/4	360,91	15452-1.3/4	247,53
1.13/16	235	10452-1.13/16	376,96	15452-1.13/16	278,19
1.7/8	235	10452-1.7/8	392,56	15452-1.7/8	296,34
1.15/16	250	10452-1.15/16	415,26	15452-1.15/16	305,95
2	250	10452-2	418,17	15452-2	315,60
2.1/16	265	10452-2.1/16	459,33	15452-2.1/16	334,85
2.1/8	265	10452-2.1/8	475,74	15452-2.1/8	354,13
2.3/16	265	10452-2.3/16	492,16	15452-2.3/16	373,43
2.13/64	265	10452-2.13/64	492,16	15452-2.13/64	373,43
2.1/4	274	10452-2.1/4	508,56	15452-2.1/4	386,79

SAE		Cu-Be		Al-Br	
⌀mm	L mm	Part N°	€	Part N°	€
2.5/16	274	10452-2.5/16	508,56	15452-2.5/16	429,79
2.3/8	274	10452-2.3/8	524,97	15452-2.3/8	441,39
2.7/16	274	10452-2.7/16	524,97	15452-2.7/16	447,22
2.1/2	298	10452-2.1/2	541,36	15452-2.1/2	453,01
2.9/16	298	10452-2.9/16	588,03	15452-2.9/16	435,37
2.5/8	298	10452-2.5/8	639,81	15452-2.5/8	474,94
2.3/4	320	10452-2.3/4	689,01	15452-2.3/4	593,68
2.13/16	320	10452-2.13/16	762,85	15452-2.13/16	633,26
2.7/8	326	10452-2.7/8	892,97	15452-2.7/8	660,79
2.15/16	326	10452-2.15/16	803,85	15452-2.15/16	671,79
3	326	10452-3	853,07	15452-3	681,44
3.1/16	350	10452-3.1/16	918,69	15452-3.1/16	722,77
3.1/8	350	10452-3.1/8	951,50	15452-3.1/8	743,41
3.1/4	355	10452-3.1/4	984,30	15452-3.1/4	764,04
3.3/8	355	10452-3.3/8	1.017,11	15452-3.3/8	783,14
3.1/2	380	10452-3.1/2	1.097,72	15452-3.1/2	810,50
3.9/16	380	10452-3.9/16	1.148,36	15452-3.9/16	856,98
3.5/8	390	10452-3.5/8	1.246,79	15452-3.5/8	969,77
3.3/4	390	10452-3.3/4	1.312,42	15452-3.3/4	1.011,16
3.7/8	410	10452-3.7/8	1.541,96	15452-3.7/8	1.092,04
3.15/16	410	10452-3.15/16	1.607,64	15452-3.15/16	1.179,39
4	410	10452-4	1.755,30	15452-4	1.226,59
4.1/8	420	10452-4.1/8	1.804,54	15452-4.1/8	1.273,77
4.1/4	445	10452-4.1/4	1.968,61	15452-4.1/4	1.481,49
4.5/16	445	10452-4.5/16	2.132,68	15452-4.5/16	1.518,50
4.1/2	450	10452-4.1/2	3.050,08	15452-4.1/2	1.812,05
4.9/16	450	10452-4.9/16	2.460,65	15452-4.9/16	1.834,41
4.11/16	480	10452-4.11/16	2.788,79	15452-4.11/16	1.945,66
4.7/8	480	10452-4.7/8	3.116,91	15452-4.7/8	2.174,55
4.15/16	480	10452-4.15/16	3.280,97	15452-4.15/16	2.394,11

10531  
15531

Hexagonal



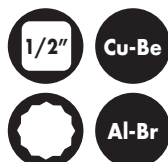
Cu-Be

Al-Br

mm	L mm	Part N°	€	Part N°	€
6	40	10531-06	82,59	15531-06	70,13
7	40	10531-07	84,54	15531-07	71,95
8	40	10531-08	86,82	15531-08	73,65
9	40	10531-09	88,56	15531-09	75,45
10	40	10531-10	82,09	15531-10	77,16
11	40	10531-11	86,32	15531-11	78,91
12	40	10531-12	92,00	15531-12	80,67
13	40	10531-13	96,24	15531-13	82,41
14	40	10531-14	97,67	15531-14	84,19
15	40	10531-15	100,50	15531-15	85,98
16	40	10531-16	104,02	15531-16	87,69
17	40	10531-17	102,38	15531-17	94,69
18	42	10531-18	110,39	15531-18	96,42
19	42	10531-19	115,35	15531-19	98,20
20	42	10531-20	116,78	15531-20	99,95
21	43	10531-21	120,30	15531-21	105,21
22	43	10531-22	124,54	15531-22	108,73
23	43	10531-23	131,82	15531-23	112,23
24	43	10531-24	140,05	15531-24	119,24
25	43	10531-25	157,10	15531-25	122,75
26	43	10531-26	168,43	15531-26	131,52
27	46	10531-27	176,91	15531-27	136,78
28	46	10531-28	186,83	15531-28	140,29
29	46	10531-29	201,25	15531-29	153,18
30	46	10531-30	208,06	15531-30	154,32
32	46	10531-32	228,59	15531-32	157,93

10530  
15530

Bihexagonal



Cu-Be

Al-Br

mm	L mm	Part N°	€	Part N°	€
6	40	10530-06	82,59	15530-06	67,16
7	40	10530-07	84,54	15530-07	68,73
8	40	10530-08	86,82	15530-08	70,60
9	40	10530-09	88,56	15530-09	72,01
10	40	10530-10	82,09	15530-10	66,74
11	40	10530-11	86,32	15530-11	70,17
12	40	10530-12	92,00	15530-12	74,80
13	40	10530-13	96,24	15530-13	78,26
14	40	10530-14	97,67	15530-14	79,40
15	40	10530-15	100,50	15530-15	81,70
16	40	10530-16	104,02	15530-16	84,58
17	40	10530-17	102,38	15530-17	83,23
18	42	10530-18	110,39	15530-18	89,75
19	42	10530-19	115,35	15530-19	93,79
20	42	10530-20	116,78	15530-20	94,94
21	43	10530-21	120,30	15530-21	97,81
22	43	10530-22	124,54	15530-22	101,25
23	43	10530-23	131,82	15530-23	107,16
24	43	10530-24	140,05	15530-24	113,85
25	43	10530-25	157,10	15530-25	127,72
26	43	10530-26	168,43	15530-26	136,94
27	46	10530-27	176,91	15530-27	143,83
28	46	10530-28	186,83	15530-28	151,89
29	46	10530-29	201,25	15530-29	163,62
30	46	10530-30	208,06	15530-30	169,16
32	46	10530-32	228,59	15530-32	185,85

10544  
15544

Ratchet Handle



Cu-Be

Al-Br

Lmm	Part N°	€	Part N°	€
245	10544-001	293,76	15544-001	273,49



# Cu-Be / Al-Br

1/2"

Non-Sparking Accessories for Sockets



10543  
15543

Universal Joint

1/2"

Cu-Be

Al-Br



Cu-Be Al-Br

Part N°	€	Part N°	€
10543-009	257,75	15543-009	162,84

10543  
15543

Increasing Adaptor

1/2"

3/4"

Cu-Be

Al-Br



Cu-Be Al-Br

□	□	Part N°	€	Part N°	€
1/2"	3/4"	10543-011	203,33	15543-011	137,40

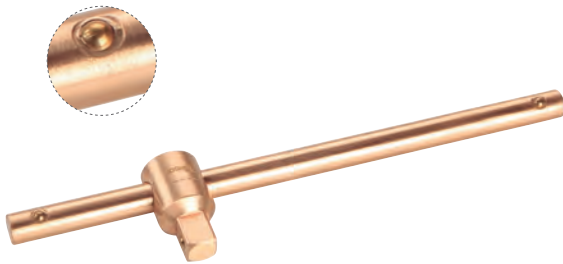
10543  
15543

Sliding "T" Handle

1/2"

Cu-Be

Al-Br



Cu-Be Al-Br

□	L mm	Part N°	€	Part N°	€
1/2"	250	10543-025	200,29	15543-025	196,91

10543  
15543

Extension

1/2"

Cu-Be

Al-Br



Cu-Be Al-Br

L mm	Part N°	€	Part N°	€
100	10543-100	173,59	15543-100	133,23
200	10543-200	192,28	15543-200	146,30
250	10543-250	186,94	15543-250	160,69

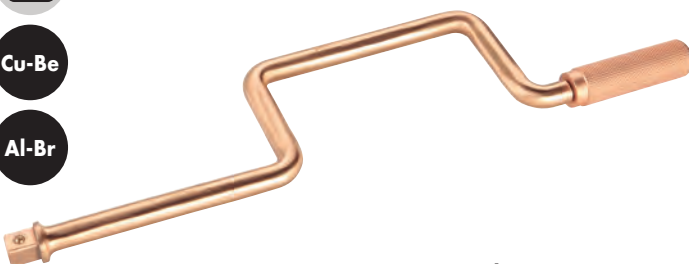
10543  
15543

Brace Bit

1/2"

Cu-Be

Al-Br



Cu-Be Al-Br

L mm	H mm	Part N°	€	Part N°	€
390	96	10543-400	390,03	15543-400	268,02

10465  
15465

"L" Type Handle

1/2"

Cu-Be

Al-Br

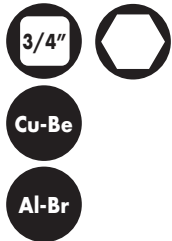


Cu-Be Al-Br

□	L mm	L2 mm	Part N°	€	Part N°	€
1/2"	230	60	10465-1/2-225	252,05	15465-1/2-225	201,64

10549  
15549

Hexagonal

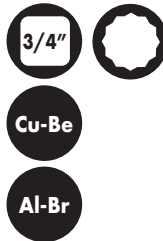


Cu-Be Al-Br

	Cu-Be			Al-Br		
Hexagon	L mm	Part N°	€	Part N°	€	
17	50	10549-17	137,67	15549-17	113,25	
18	50	10549-18	169,82	15549-18	113,61	
19	50	10549-19	138,27	15549-19	113,95	
21	55	10549-21	152,25	15549-21	125,32	
22	55	10549-22	155,93	15549-22	126,64	
23	55	10549-23	171,12	15549-23	133,81	
24	55	10549-24	175,08	15549-24	142,75	
26	55	10549-26	182,18	15549-26	144,27	
27	55	10549-27	185,36	15549-27	153,05	
28	55	10549-28	196,71	15549-28	160,69	
29	55	10549-29	238,33	15549-29	171,82	
30	60	10549-30	252,77	15549-30	181,21	
32	60	10549-32	284,97	15549-32	204,66	
34	60	10549-34	306,63	15549-34	221,08	
36	60	10549-36	329,43	15549-36	235,74	
38	60	10549-38	351,66	15549-38	252,16	
41	65	10549-41	386,64	15549-41	277,97	
46	65	10549-46	457,21	15549-46	328,39	
50	70	10549-50	501,08	15549-50	360,06	

10548  
15548

Bihexagonal



Cu-Be Al-Br

	Cu-Be			Al-Br		
Bihexagon	L mm	Part N°	€	Part N°	€	
17	50	10548-17	137,67	15548-17	113,25	
18	50	10548-18	169,82	15548-18	113,61	
19	50	10548-19	138,27	15548-19	113,95	
21	55	10548-21	152,25	15548-21	125,32	
22	55	10548-22	155,93	15548-22	126,64	
23	55	10548-23	171,12	15548-23	133,81	
24	55	10548-24	175,08	15548-24	142,75	
26	55	10548-26	182,18	15548-26	144,27	
27	55	10548-27	185,36	15548-27	153,05	
28	55	10548-28	196,71	15548-28	160,69	
29	55	10548-29	238,33	15548-29	171,82	
30	60	10548-30	252,77	15548-30	181,21	
32	60	10548-32	284,97	15548-32	204,66	
34	60	10548-34	306,63	15548-34	221,08	
36	60	10548-36	329,43	15548-36	235,74	
38	60	10548-38	351,66	15548-38	252,16	
41	65	10548-41	386,64	15548-41	277,97	
46	65	10548-46	457,21	15548-46	328,39	
50	70	10548-50	501,08	15548-50	360,06	

10554  
15554

Ratchet Handle



Cu-Be Al-Br

Lmm	Part N°	€	Part N°	€
320	10554-001	587,51	15554-001	549,97

# Cu-Be / Al-Br

3/4"

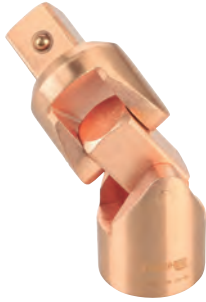
Non-Sparking Accessories for Sockets



10553  
15553

Universal Joint

- 3/4"
- Cu-Be
- Al-Br



Cu-Be		Al-Br	
Part N°	€	Part N°	€
10553-009	534,09	15553-009	410,83

10553  
15553

Increasing Adaptor

- 3/4"
- 1"
- Cu-Be
- Al-Br



Cu-Be		Al-Br			
Part N°	€	Part N°	€		
3/4"	1"	10553-011	413,49	15553-011	280,34

10553  
15553

Reducing Adaptor

- 3/4"
- 1/2"
- Cu-Be
- Al-Br

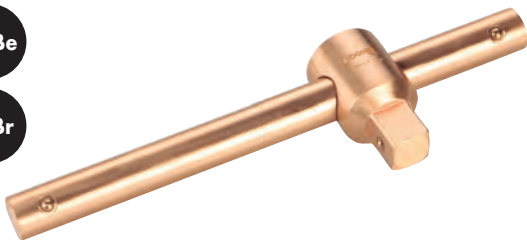


Cu-Be		Al-Br			
Part N°	€	Part N°	€		
3/4"	1/2"	10553-012	245,44	15553-012	167,61

10553  
15553

Sliding "T" Handle

- 3/4"
- Cu-Be
- Al-Br

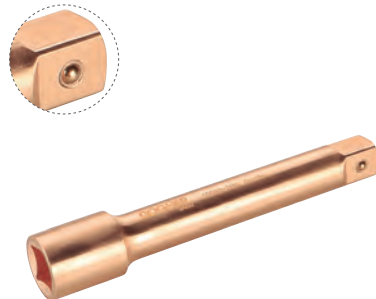


Cu-Be		Al-Br			
L mm	Part N°	€	Part N°	€	
3/4"	450	10553-014	307,09	15553-014	236,23

10553  
15553

Extension

- 3/4"
- Cu-Be
- Al-Br



Cu-Be		Al-Br		
L mm	Part N°	€	Part N°	€
200	10553-200	269,71	15553-200	219,45

10558  
15558

Hexagonal



Cu-Be

Al-Br

Hexagon	Cu-Be			Al-Br		
	L mm	Part N°	€	Part N°	€	
22	55	10558-22	195,66	15558-22	141,41	
24	55	10558-24	226,54	15558-24	156,16	
26	55	10558-26	247,14	15558-26	193,01	
27	55	10558-27	267,75	15558-27	199,70	
28	55	10558-28	264,31	15558-28	203,74	
29	55	10558-29	308,91	15558-29	208,44	
30	60	10558-30	329,50	15558-30	213,12	
31	60	10558-31	310,62	15558-31	230,55	
32	60	10558-32	348,04	15558-32	246,62	
34	60	10558-34	411,87	15558-34	260,03	
36	65	10558-36	432,47	15558-36	278,82	
38	65	10558-38	453,08	15558-38	300,25	
41	70	10558-41	463,38	15558-41	341,12	
46	75	10558-46	504,56	15558-46	379,33	
50	75	10558-50	535,44	15558-50	416,84	
55	80	10558-55	586,95	15558-55	470,47	
60	85	10558-60	731,10	15558-60	525,43	
65	90	10558-65	782,59	15558-65	583,07	
70	90	10558-70	864,97	15558-70	642,03	
75	95	10558-75	1.027,67	15558-75	701,02	
80	95	10558-80	1.091,50	15558-80	762,02	

10557  
15557

Bihexagonal



Cu-Be

Al-Br

Bihexagon	Cu-Be			Al-Br		
	L mm	Part N°	€	Part N°	€	
22	55	10557-22	195,66	15557-22	155,28	
24	55	10557-24	226,54	15557-24	179,78	
26	55	10557-26	247,14	15557-26	196,14	
27	55	10557-27	267,75	15557-27	212,49	
28	55	10557-28	264,31	15557-28	209,76	
29	55	10557-29	308,91	15557-29	245,16	
30	60	10557-30	329,50	15557-30	261,50	
31	60	10557-31	310,62	15557-31	246,52	
32	60	10557-32	348,04	15557-32	276,23	
34	60	10557-34	411,87	15557-34	326,89	
36	65	10557-36	432,47	15557-36	343,23	
38	65	10557-38	453,08	15557-38	359,58	
41	70	10557-41	463,38	15557-41	367,76	
46	75	10557-46	504,56	15557-46	400,45	
50	75	10557-50	535,44	15557-50	424,96	
55	80	10557-55	586,95	15557-55	465,83	
60	85	10557-60	731,10	15557-60	580,25	
65	90	10557-65	782,59	15557-65	621,11	
70	90	10557-70	864,97	15557-70	686,49	
75	95	10557-75	1.027,67	15557-75	815,62	
80	95	10557-80	1.091,50	15557-80	866,27	

10560  
15560

Ratchet Handle



Cu-Be

Al-Br

Lmm	Part N°	€	Part N°	€
550	10560-001	1.228,42	15560-001	1.066,85



# Cu-Be / Al-Br



1"

Non-Sparking Accessories for Sockets

10559  
15559

Universal Joint

- 1"
- Cu-Be
- Al-Br



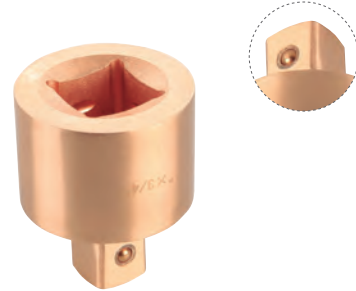
Cu-Be                      Al-Br

Part N°	€	Part N°	€
10559-003	813,28	15559-003	536,81

10559  
15559

Reducing Adaptor

- 1"
- 3/4"
- Cu-Be
- Al-Br



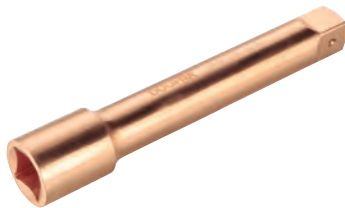
Cu-Be                      Al-Br

		Part N°	€	Part N°	€
1"	3/4"	10559-012	400,25	15559-012	272,22

10559  
15559

Extension

- 1"
- Cu-Be
- Al-Br



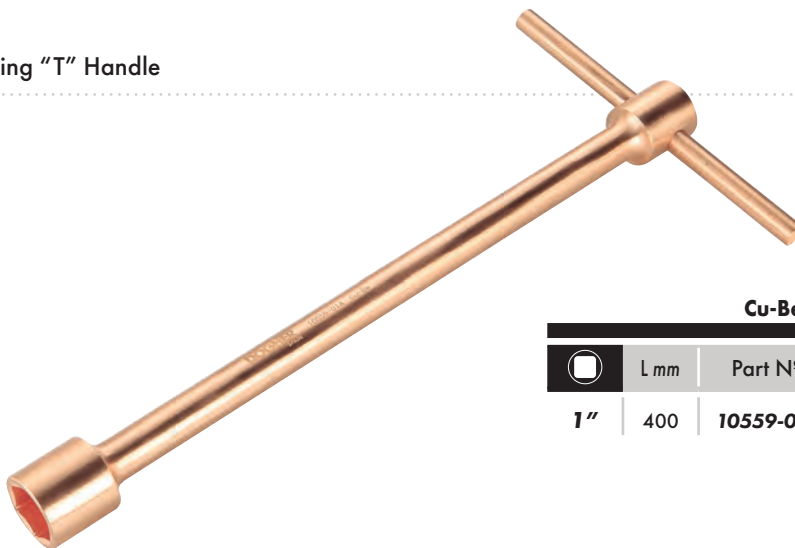
Cu-Be                      Al-Br

L mm	Part N°	€	Part N°	€
250	10559-250	561,70	15559-250	378,84

10559  
15559

Sliding "T" Handle

- 1"
- Cu-Be
- Al-Br



Cu-Be                      Al-Br

	L mm	Part N°	€	Part N°	€
1"	400	10559-014	560,82	15559-014	527,38

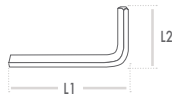
10600  
15600

Short Hex Key



Cu-Be

Al-Br



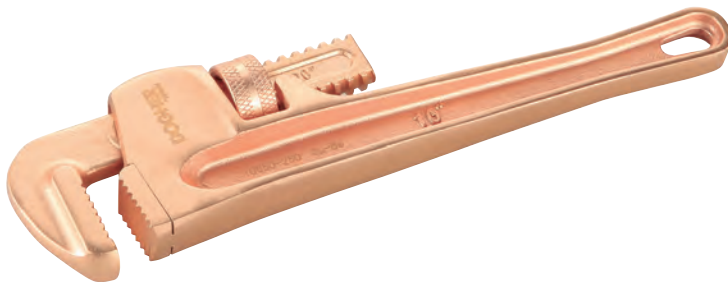
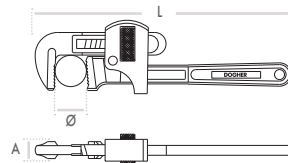
mm	Cu-Be		Al-Br			
	L1 mm	L2 mm	Part N°	€	Part N°	€
1,5	38	13	10600-01,5	57,56	15600-01,5	36,00
2	38	13	10600-02	58,51	15600-02	36,00
3	59	25	10600-03	59,20	15600-03	36,45
4	65	30	10600-04	60,14	15600-04	37,00
5	79	32	10600-05	62,75	15600-05	38,62
6	85	37	10600-06	65,44	15600-06	40,27
7	88	43	10600-07	72,45	15600-07	44,59
8	92	44	10600-08	76,02	15600-08	46,79
9	97	44	10600-09	83,99	15600-09	51,69
10	110	45	10600-10	90,17	15600-10	55,51
12	130	52	10600-12	174,04	15600-12	69,96

10650  
15650

Professional Spanish Type Pipe Wrench

Cu-Be

Al-Br



L mm	Ø mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
200	25	10650-200	415,20	15650-200	306,75
250	30	10650-250	481,30	15650-250	356,21
300	40	10650-300	523,31	15650-300	385,92
350	50	10650-350	614,51	15650-350	455,16
450	60	10650-450	782,64	15650-450	578,18
600	75	10650-600	1.154,80	15650-600	852,84
900	85	10650-900	1.985,98	15650-900	1.469,77
1200	110	10650-1200	3.618,25	15650-1200	2.677,76

# Cu-Be / Al-Br

## Non-Sparking Valve Keys



10680  
15680

Valve Wrench

Cu-Be

Al-Br



		Cu-Be			Al-Br	
B mm	Ø mm	L mm	Part N°	€	Part N°	€
60	36	370	10680-370	465,48	15680-370	264,45

10685  
15685

Bung Wrench

Cu-Be

Al-Br



		Cu-Be			Al-Br	
L mm	S1 mm	S2 mm	Part N°	€	Part N°	€
300	38	52	10685-300	286,36	15685-300	221,25

10681  
15681

Valve Wrench

Cu-Be

Al-Br



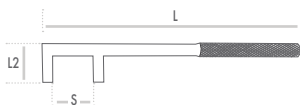
		Cu-Be			Al-Br		
L mm	L"	B mm	Ø mm	Part N°	€	Part N°	€
210	8	62	23	10681-30	285,35	15681-30	270,95
215	8,5	57	32	10681-32	331,05	15681-32	306,02
290	11	58	36	10681-35	419,23	15681-35	398,09
400	16	83	46	10681-40	736,53	15681-40	699,38
485	19	100	48	10681-45	840,80	15681-45	798,39
800	31	114	58	10681-48	1.006,05	15681-48	955,32

10690  
15690

Valve Wheel Hook

Cu-Be

Al-Br



		Cu-Be			Al-Br	
S mm	L mm	L2 mm	Part N°	€	Part N°	€
30	200	44	10690-30	246,82	15690-30	165,30
32	300	50	10690-32	339,35	15690-32	224,95
35	250	47	10690-35	274,67	15690-35	186,23
40	300	50	10690-40	339,35	15690-40	224,95
45	350	58	10690-45	413,99	15690-45	247,96
48	375	62	10690-48	448,85	15690-48	273,07
50	400	67	10690-50	476,70	15690-50	288,74
55	450	73	10690-55	569,24	15690-55	300,26
60	500	79	10690-60	613,06	15690-60	320,13
65	550	82	10690-65	698,62	15690-65	358,86
70	600	85	10690-70	767,31	15690-70	401,73
75	650	88	10690-75	853,88	15690-75	448,84
80	700	91	10690-80	971,32	15690-80	512,64
85	750	97	10690-85	1.080,78	15690-85	577,52
90	800	103	10690-90	1.192,24	15690-90	606,82

10712  
15712

Big Head German Type Stoning Hammer Wooden Handle

Cu-Be

Al-Br



g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
2000	400	10712-2000A	447,12	15712-2000A	357,76
2500	400	10712-2500A	557,73	15712-2500A	447,07
3000	700	10712-3000A	669,15	15712-3000A	536,38
4000	900	10712-4000A	887,76	15712-4000A	711,03

10713  
15713

Big Head German Type Stoning Hammer Fiberglass Handle

Cu-Be

Al-Br



Safety pin

g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
1000	400	10713-1000A	255,79	15713-1000A	204,76
1500	400	10713-1500A	294,71	15713-1500A	236,10
2000	400	10713-2000A	360,59	15713-2000A	289,11
2500	700	10713-2500A	481,31	15713-2500A	385,47
3000	700	10713-3000A	571,99	15713-3000A	457,74
3500	700	10713-3500A	722,43	15713-3500A	578,18

10713  
15713

Octagonal Sledge Hammer Fiberglass Handle

Cu-Be

Al-Br



Safety pin

g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
450	310	10713-450	140,65	15713-450	103,43
1000	400	10713-1000	227,54	15713-1000	144,42
1500	400	10713-1500	300,41	15713-1500	192,55
2000	400	10713-2000	410,13	15713-2000	264,76
2500	700	10713-2500	475,74	15713-2500	336,97
3000	700	10713-3000	574,17	15713-3000	409,16
4500	900	10713-4500	803,85	15713-4500	541,54
5000	900	10713-5000	920,80	15713-5000	589,68
6800	900	10713-6800	1.164,77	15713-6800	818,33
8000	900	10713-8000	1.366,26	15713-8000	866,46
10000	900	10713-10000	1.804,54	15713-10000	1.442,91
12900	900	10713-12000	2.214,63	15713-12000	1.731,50



# Cu-Be / Al-Br

## Non-Sparking Hammers



10700  
15700

Ball Pen Hammer Wooden Handle

- Cu-Be
- Al-Br



g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
300	280	10700-300	90,16	15700-300	72,28
450	310	10700-450	120,12	15700-450	96,37
700	340	10700-700	169,03	15700-700	135,51
900	350	10700-900	225,96	15700-900	180,67

10701  
15701

Ball Pen Hammer Fiberglass Handle

- Cu-Be
- Al-Br



g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
300	280	10701-300	84,63	15701-300	73,37
450	310	10701-450	122,45	15701-450	97,82
700	340	10701-700	154,70	15701-700	123,90
900	350	10701-900	235,45	15701-900	188,54

10708  
15708

Claw Hammer

- Cu-Be
- Al-Br



g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
500	300	10708-500	123,95	15708-500	91,69
700	330	10708-700	146,77	15708-700	108,35

10727  
15727

German Type machinist's Hammer

Cu-Be  
Al-Br



Safety pin

g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
255	280	10727-100	79,35	15727-100	73,37
355	280	10727-200	105,79	15727-200	84,30
455	280	10727-300	119,90	15727-300	103,57
500	310	10727-500	158,69	15727-500	130,10
800	340	10727-800	211,59	15727-800	168,63
1000	340	10727-1000	246,84	15727-1000	204,76
1500	400	10727-1500	335,01	15727-1500	277,05
2000	450	10727-2000	418,55	15727-2000	334,87

10720  
15727

Chipping Hammer

Cu-Be  
Al-Br



Safety pin

g	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
200	280	10720-200	105,83	15720-200	78,35
400	300	10720-400	133,00	15720-400	98,36
600	340	10720-600	146,59	15720-600	108,35
900	350	10720-900	207,17	15720-900	176,09

# Cu-Be / Al-Br

Non-Sparking Pick & Long Splitting Wedge

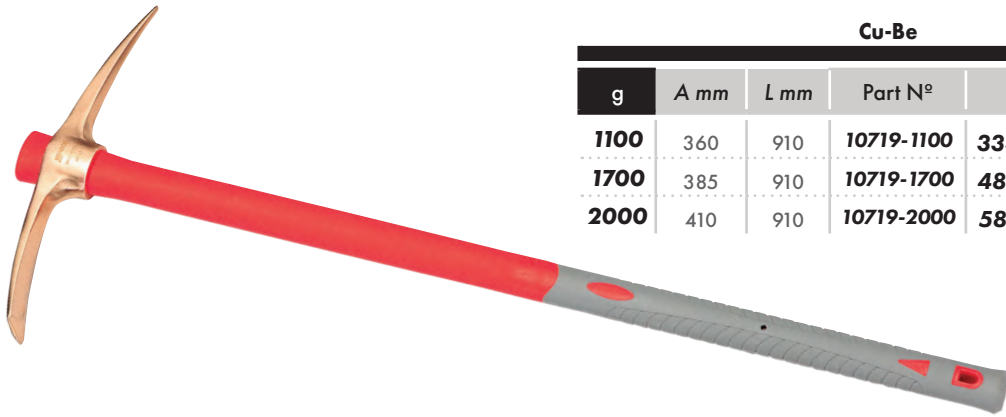


10719  
15719

Spike Shovel Pick Fiber Handle

Cu-Be

Al-Br



g	A mm	L mm	Cu-Be		Al-Br	
			Part N°	€	Part N°	€
<b>1100</b>	360	910	<b>10719-1100</b>	<b>333,46</b>	<b>15719-1100</b>	<b>221,21</b>
<b>1700</b>	385	910	<b>10719-1700</b>	<b>486,95</b>	<b>15719-1700</b>	<b>323,40</b>
<b>2000</b>	410	910	<b>10719-2000</b>	<b>582,87</b>	<b>15719-2000</b>	<b>385,89</b>

10726  
15726

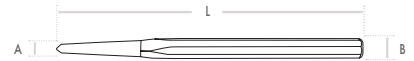
Splitting Wedge

Cu-Be

Al-Br



L mm	B mm	H mm	Cu-Be		Al-Br	
			Part N°	€	Part N°	€
<b>80</b>	13	6	<b>10726-80-13</b>	<b>16,21</b>	<b>15726-80-13</b>	<b>13,01</b>
<b>100</b>	50	10	<b>10726-100-50</b>	<b>60,03</b>	<b>15726-100-50</b>	<b>48,17</b>
<b>135</b>	50	18	<b>10726-135-50</b>	<b>114,32</b>	<b>15726-135-50</b>	<b>91,55</b>
<b>150</b>	25	8	<b>10726-150-25</b>	<b>47,58</b>	<b>15726-150-25</b>	<b>43,37</b>
<b>150</b>	30	13	<b>10726-150-30</b>	<b>57,06</b>	<b>15726-150-30</b>	<b>46,14</b>
<b>150</b>	40	8	<b>10726-150-40</b>	<b>59,75</b>	<b>15726-150-40</b>	<b>48,17</b>
<b>150</b>	50	13	<b>10726-150-50</b>	<b>102,38</b>	<b>15726-150-50</b>	<b>81,91</b>
<b>180</b>	13	6	<b>10726-180-13</b>	<b>47,58</b>	<b>15726-180-13</b>	<b>44,03</b>
<b>180</b>	32	13	<b>10726-180-32</b>	<b>69,04</b>	<b>15726-180-32</b>	<b>55,41</b>
<b>180</b>	50	19	<b>10726-180-50</b>	<b>153,33</b>	<b>15726-180-50</b>	<b>122,86</b>
<b>200</b>	20	30	<b>10726-200-20</b>	<b>135,72</b>	<b>15726-200-20</b>	<b>108,41</b>
<b>200</b>	30	30	<b>10726-200-30</b>	<b>165,29</b>	<b>15726-200-30</b>	<b>132,49</b>
<b>200</b>	40	40	<b>10726-200-40</b>	<b>257,11</b>	<b>15726-200-40</b>	<b>180,85</b>
<b>200</b>	50	12	<b>10726-200-50</b>	<b>123,66</b>	<b>15726-200-50</b>	<b>105,11</b>
<b>230</b>	40	20	<b>10726-230-40</b>	<b>174,30</b>	<b>15726-230-40</b>	<b>139,73</b>
<b>250</b>	40	30	<b>10726-250-40</b>	<b>270,85</b>	<b>15726-250-40</b>	<b>216,81</b>
<b>300</b>	50	40	<b>10726-300-50</b>	<b>529,94</b>	<b>15726-300-50</b>	<b>424,01</b>



**10749**  
**15749** Centre Punch Hex Body

Cu-Be

Al-Br

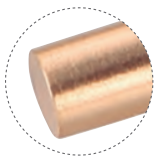


		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
12	100	10749-100	56,09	15749-100	47,68
14	150	10749-150	87,21	15749-150	61,92

**10746**  
**15746** Standard Pin Punch

Cu-Be

Al-Br

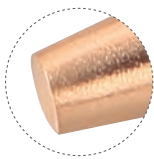


		Cu-Be		Al-Br		
Ø mm	Ø 1 mm	L mm	Part N°	€	Part N°	€
2	9	110	10746-02	105,48	15746-02	78,13
3	9	110	10746-03	105,48	15746-03	78,13
4	10	110	10746-04	105,48	15746-04	78,13
5	10	110	10746-05	116,81	15746-05	96,13
6	12	115	10746-06	129,77	15746-06	96,13
8	14	120	10746-08	138,09	15746-08	102,28
10	14	120	10746-10	143,18	15746-10	130,02

**10748**  
**15748** Standard Drift Punch

Cu-Be

Al-Br



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
18	200	10748-05	150,32	15748-05	111,34
20	250	10748-08	179,33	15748-08	132,85
20	300	10748-10	213,70	15748-10	158,29

**10757**  
**15757** Cold Chisel

Cu-Be

Al-Br



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
22	150	10757-150	106,14	15757-150	72,80
22	200	10757-200	136,61	15757-200	93,60
24	250	10757-250	184,36	15757-250	126,54
25	300	10757-300	219,44	15757-300	150,78
27	400	10757-400	282,80	15757-400	194,13

**10761**  
**15761** Graver

Cu-Be

Al-Br



		Cu-Be		Al-Br		
A mm	B mm	L mm	Part N°	€	Part N°	€
4	4	140	10761-150	152,06	15761-150	104,43
4	4	200	10761-200	243,52	15761-200	167,53
5	5	300	10761-300	398,54	15761-300	274,04



# Cu-Be / Al-Br

Non-Sparking Hand Hacksaws



10840  
15840

Hand Hacksaw Frame

Cu-Be

Al-Br



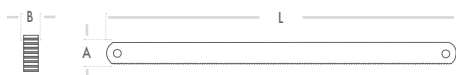
L mm	Cu-Be		Al-Br	
	Part N°	€	Part N°	€
500	10840-001	709,03	15840-001	525,21

10840  
15840

Bi-Metal Hand Hacksaw Blade

Cu-Be

Al-Br



L mm	A mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
300	12	10840-050	228,61	15840-050	169,34

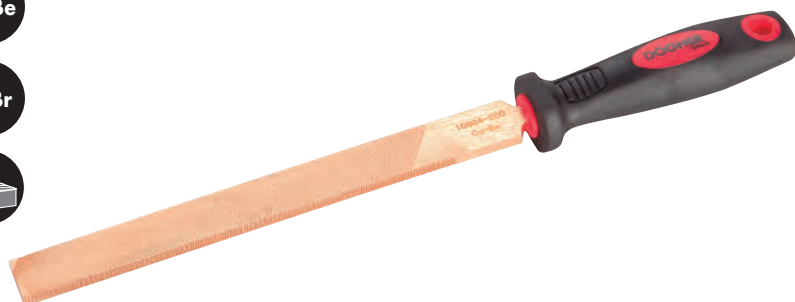


10804  
15804

Bi-Material Handle Flat File 2nd Cut

Cu-Be

Al-Br



Cu-Be

L mm	L"	A mm	B mm	Part N°	€
200	8	20	6	10804-200	156,09
300	12	31	8	10804-300	270,48

10805  
15805

Bi-Material Handle Half Round File 2nd Cut

Cu-Be

Al-Br



Cu-Be

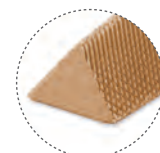
L mm	L"	A mm	B mm	Part N°	€
200	8	19	10	10805-200	154,83

10806  
15806

Bi-Material Handle Triangle File 2nd Cut

Cu-Be

Al-Br

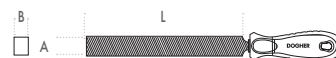


Cu-Be

L mm	L"	B mm	Part N°	€
200	8	7	10806-200	161,78

# Cu-Be / Al-Br

Non-Sparking Files



10807  
15807

Bi-Material Handle Square File 2nd Cut

Cu-Be

Al-Br



Cu-Be

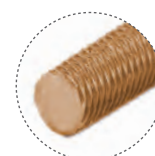
L mm	L"	A mm	Part N°	€
200	10	10	10807-200	150,41

10808  
15808

Bi-Material Handle Round File 2nd Cut

Cu-Be

Al-Br



Cu-Be

L mm	L"	Ø mm	Part N°	€
200	8	6	10808-200	150,41

10892  
15892

Offset Scaffolding Wrench

Cu-Be

Al-Br



mm	L mm	Cu-Be		Al-Br	
		Part N°	€	Part N°	€
10	230	10892-10	223,60	15892-10	165,63
11	240	10892-11	235,37	15892-11	174,35
12	250	10892-12	247,79	15892-12	183,55
13	260	10892-13	260,80	15892-13	193,19
14	270	10892-14	274,55	15892-14	203,37
16	300	10892-16	304,22	15892-16	225,35
17	310	10892-17	320,22	15892-17	237,20
18	320	10892-18	337,07	15892-18	249,69
19	330	10892-19	337,07	15892-19	249,69
20	340	10892-20	354,82	15892-20	262,84
22	350	10892-22	373,50	15892-22	276,65
24	370	10892-24	373,50	15892-24	276,65
27	400	10892-27	456,46	15892-27	338,11
30	430	10892-30	456,46	15892-30	338,11
32	430	10892-32	456,46	15892-32	338,11

10870  
15870

Straight Handle Pointed Shovel

Cu-Be

Al-Br



A mm	B mm	L mm	Cu-Be		Al-Br	
			Part N°	€	Part N°	€
240	420	1450	10870-010	520,33	15870-010	293,93



# Cu-Be / Al-Br

Non-Sparking Tools and Scrapers



10876  
15876

Hoe with Handle

Cu-Be  
Al-Br



		Cu-Be		Al-Br	
A mm	B mm	Part N°	€	Part N°	€
130	130	10876-130	594,94	15876-130	440,70
200	200	10876-200	901,59	15876-200	667,85

10850  
15850

Angled Scraper

Cu-Be  
Al-Br



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
45	300	10850-001	219,90	15850-001	170,36

10884  
15884

Wrecking Bar

Cu-Be  
Al-Br



		Cu-Be		Al-Br	
L mm	Ø mm	Part N°	€	Part N°	€
460	16	10884-460	345,20	15884-460	195,02
600	20	10884-600	543,52	15884-600	462,00
760	22	10884-760	700,14	15884-760	500,83
900	22	10884-900	929,82	15884-900	525,18

10850  
15850

Flat Scraper

Cu-Be

Al-Br



			Cu-Be		Al-Br	
A mm	L mm	L1 mm	Part N°	€	Part N°	€
30	325	200	10850-010	219,50	15850-010	156,79

10850  
15850

Long Blade Scraper

Cu-Be

Al-Br



			Cu-Be		Al-Br	
A mm	L mm	L1 mm	Part N°	€	Part N°	€
100	720	115	10850-020	231,38	15850-020	158,92

10850  
15850

3 Edge Scraper

Cu-Be

Al-Br



			Cu-Be		Al-Br	
A mm	L mm	L1 mm	Part N°	€	Part N°	€
26	400	300	10850-030	270,89	15850-030	208,37

# Cu-Be / Al-Br

Non-Sparking Scrapers & Gear Pullers

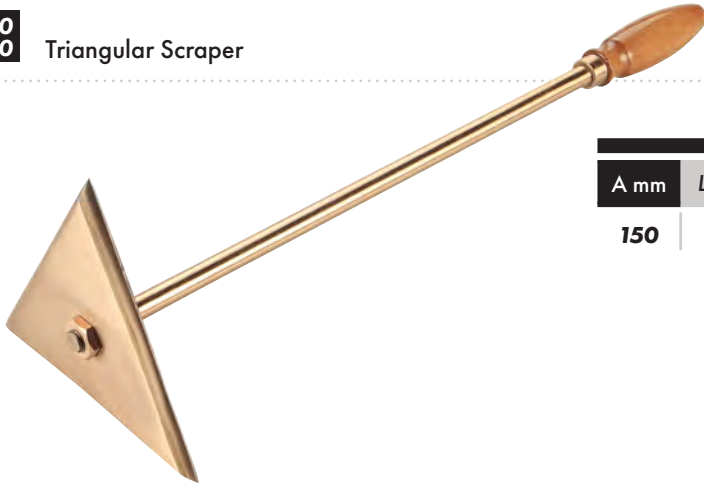


10850  
15850

Triangular Scraper

Cu-Be

Al-Br



		Cu-Be		Al-Br	
A mm	L mm	Part N°	€	Part N°	€
150	470	10850-040	576,00	15850-040	460,79

10878  
15878

Flexible Scraper

Cu-Be

Al-Br



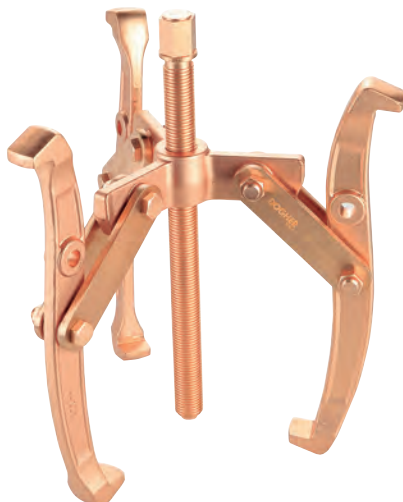
			Cu-Be		Al-Br	
A mm	L mm	L1 mm	Part N°	€	Part N°	€
50	200	95	10878-50	146,19	15878-50	89,94
75	200	95	10878-75	224,32	15878-75	154,23

10903  
15903

Reversible 3 Arm Gear Puller

Cu-Be

Al-Br



		Cu-Be			Al-Br	
A min	A max	L"	Part N°	€	Part N°	€
50	100	4"	10903-100	1.368,76	15903-100	1.094,14
60	150	6"	10903-150	1.512,87	15903-150	1.214,67
70	200	8"	10903-200	1.615,37	15903-200	1.297,84
80	350	14"	10903-350	2.742,39	15903-350	1.944,45



**DOGHER**  
 © TOOLS 



	589		592
	589		593
	590		595
	591		596

**Inox 20000**







The DOGHER TOOLS stainless steel tools are made of AISI 420. It is a martensitic, temperable and ferromagnetic stainless steel with resistance to corrosion, its tempering process provides the necessary hardness to face the day-to-day work.

Its high chromium content causes it to have excellent corrosion resistance. When it comes into contact with the environment, it naturally generates a protective layer of chromium oxide that protects the surface and regenerates each time the tool is damaged.

Another of the great advantages of Stainless steel, if we compare it with other metals, is its high resistance to extreme temperatures without suffering deterioration or alterations. Moreover, it is the metal that better resists the fire without releasing toxic fumes. On the other hand it can also be applied in winter temperatures without risk of embrittlement or breakage

DOGHER TOOLS stainless steel tools have excellent ductility, elasticity and hardness that make them ideal for any type of project. Similarly, they have excellent wear resistance.

All these features mean that we can use our Inox DOGHER TOOLS in the following fields:

1. Laboratories, biotechnology, biomedicine, white clean rooms, pharmaceutical...
2. Food process, wet facilities areas
3. Shipbuilding industry, construction, manufacturing, automobile, aeronautics, maritime applications, stations service and energy, chemical industry ...
4. Chemical industry
5. Desalination plants
6. Offshore (oil-gas)
7. Nuclear power plants





**20025**

5 Drawer Tool Cabinet

**Inox**  
Aisi 304



• Drawer Dim.:  
568 x 398 mm

460 mm    846 mm  
680 mm

Part N°	€
20025-007	2.109,69

**20025**

7 Drawer Tool Cabinet

**Inox**  
Aisi 304



• Drawer Dim.:  
644 x 399 mm

500 mm    998 mm  
760 mm

Part N°	€
20025-005	2.442,26

**20266**

Notch-joint Water Pump Plier

**Inox**  
Aisi 420

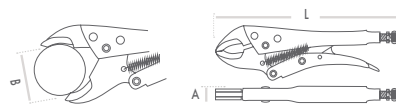


L mm	L"	Ø mm	Part N°	€
250	10	45	20266-250	131,53
300	12	55	20266-300	186,13

**20275**

Curved Jaws Locking Plier without Wire Cutter

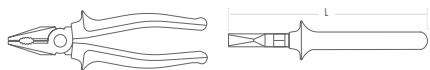
**Inox**  
Aisi 420



L mm	L"	B mm	A mm	Part N°	€
225	9	30	12	20275-225	138,66

# Inox

## INOX Professional Series Pliers



**20205**

Professional Combination Plier

Inox

Aisi 420



L mm	L"	Part N°	€
160	6	20205-160	55,83
180	7	20205-180	69,93
200	8	20205-200	89,23

**20212**

Professional Diagonal Cutting Plier

Inox

Aisi 420



L mm	L"	Part N°	€
160	6	20212-160	59,92
200	8	20212-200	65,23

**20213**

Professional Heavy Duty Diagonal Cutting Plier

Inox

Aisi 420



L mm	L"	Part N°	€
200	8	20213-200	90,44

**20208**

Professional Long Nose Plier

Inox

Aisi 420



L mm	L"	Part N°	€
160	6	20208-160	60,29
200	8	20208-200	69,57

**20210**

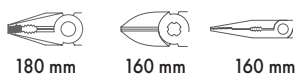
3 pliers Set Zipping

3

Pcs

Inox

Aisi 420



Part N°	€
20210-002	190,14





**20331** Straight



Aisi 420



A mm	L mm	Part N°	€
3	75	20331-030-075	6,50
4	75	20331-040-075	8,54
5	100	20331-050-100	12,77
6	100	20331-060-100	17,89
8	150	20331-080-150	22,46

**20334** Phillips



Aisi 420



Icon	L mm	Part N°	€
PH1	75	20334-PH1-075	12,57
PH2	100	20334-PH2-100	17,23
PH3	150	20334-PH3-150	23,97

**20330** Plastic Box

5

Pcs



Aisi 420



Recta



PH1 • PH2

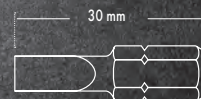


Part N°	€
20330-002	69,00



# INOX Screwdriver Bits

1/4" • 30 mm



## 20400

Phillips



Inox

Aisi 420



		Part N°	€/
PH1	5	20400-PH1-5	17,96
PH2	5	20400-PH2-5	17,96
PH3	5	20400-PH3-5	17,96

## 20401

Pozidriv



Inox

Aisi 420



		Part N°	€/
PZ1	5	20401-PZ1-5	17,96
PZ2	5	20401-PZ2-5	17,96
PZ3	5	20401-PZ3-5	17,96

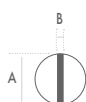
## 20402

Slot



Inox

Aisi 420



A mm	B mm		Part N°	€/
4	0,8	5	20402-040-5	18,97
5,5	1	5	20402-055-5	18,97
6,5	1,2	5	20402-065-5	18,97

## 20403

Torx



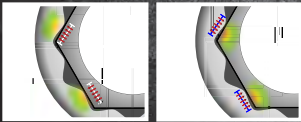
Inox

Aisi 420



		Part N°	€/
T10	5	20403-T10-5	20,28
T15	5	20403-T15-5	20,28
T20	5	20403-T20-5	20,28
T25	5	20403-T25-5	20,28
T30	5	20403-T30-5	20,28
T40	5	20403-T40-5	20,28

Effect of stress:



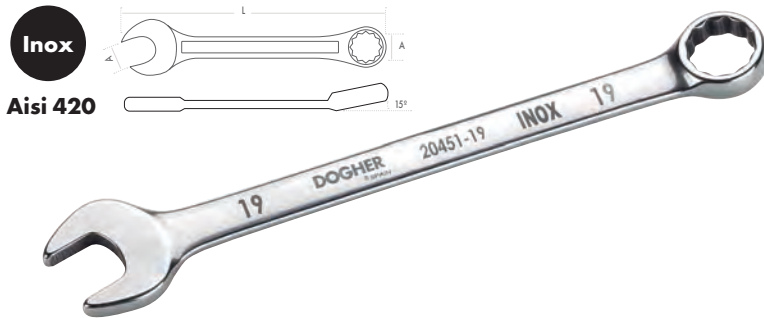
- On the wrench
- On the nut

# Wrenches

## INOX Combination Wrenches

**20451**

Combination Wrench



A mm	L mm	Part N°	€
8	120	20451-08	15,47
10	140	20451-10	16,68
11	150	20451-11	18,73
12	160	20451-12	19,53
13	170	20451-13	20,35
14	180	20451-14	21,17
15	190	20451-15	21,98
17	210	20451-17	24,42
19	230	20451-19	29,31

**20451**

Plastic Holder

**6**

Pcs



Aisi 420



Part N°	€
20451-016	111,93

**8**

Pcs



Aisi 420



Part N°	€
20451-018	165,66

**20451**

Carton Box

**5**

Pcs



Aisi 420



Part N°	€
20451-035	90,76

**6**

Pcs



Aisi 420



Part N°	€
20451-036	111,93

**8**

Pcs



Aisi 420



Part N°	€
20451-038	165,66

# Inox

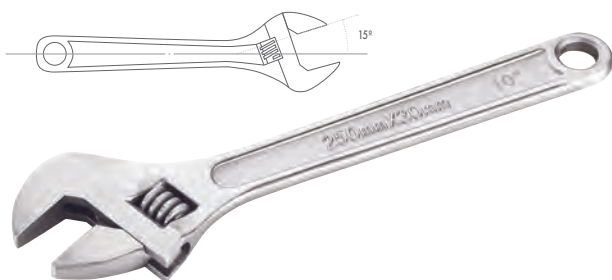
## INOX Adjustable Wrench, T-Handles & Key Wrenches



**20493**

Professional Adjustable Wrench

**Inox**  
Aisi 420

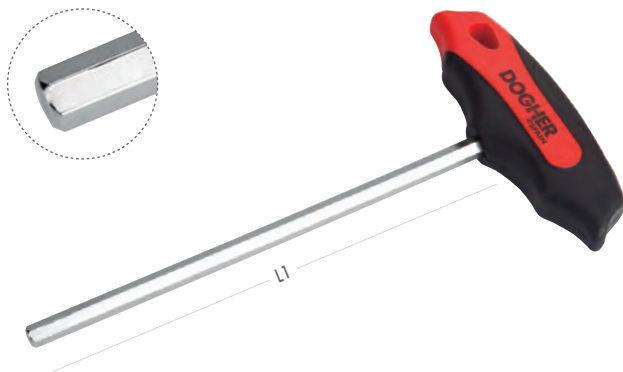


L mm	L "	mm	Part N°	€
100	4	15	20493-100	76,93
150	6	20	20493-150	89,07
200	8	25	20493-200	97,87
250	10	30	20493-250	121,17
300	12	36	20493-300	149,28
375	15	47	20493-375	225,72
450	20	60	20493-450	272,13

**20618**

Hex T-Handle

**Inox**  
Aisi 420

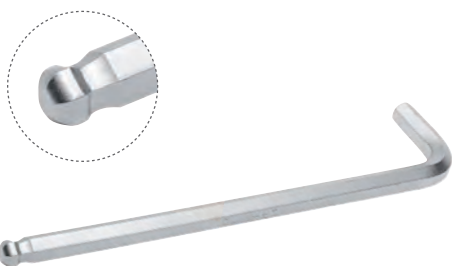


mm	L1 mm	Part N°	€
2	90	20618-02	13,41
2,5	100	20618-02,5	13,52
3	115	20618-03	14,28
4	120	20618-04	16,18
5	140	20618-05	18,84
6	160	20618-06	22,75
8	175	20618-08	29,95
10	200	20618-10	37,28

**20605**

Extra Long Ball Nose Hex Key

**Inox**  
Aisi 420

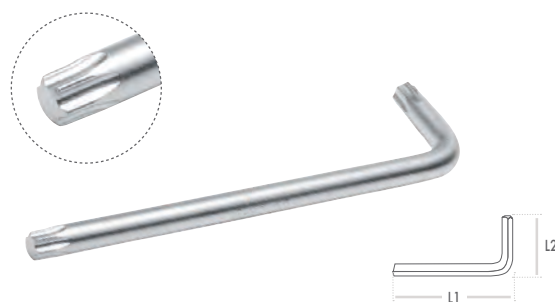


mm	L1 mm	L2 mm		Part N°	€
1,5	90	14	10	20605-01,5	6,50
2	100	15	10	20605-02	6,66
2,5	112	18	10	20605-02,5	6,70
3	126	20	10	20605-03	8,32
4	142	25	10	20605-04	8,70
5	160	28	10	20605-05	10,05
6	180	32	10	20605-06	10,32
8	200	36	5	20605-08	13,27
10	224	40	5	20605-10	15,41

**20608**

Long Torx Key

**Inox**  
Aisi 420



mm	L1 mm	L2 mm		Part N°	€
T10	86	17	10	20608-T10	11,37
T15	90	18	10	20608-T15	12,41
T20	95	19	10	20608-T20	12,42
T25	100	20	10	20608-T25	12,78
T27	105	21	5	20608-T27	13,89
T30	114	24	5	20608-T30	14,16
T40	124	26	5	20608-T40	14,92
T45	137	29	5	20608-T45	15,44
T50	152	32	5	20608-T50	18,40

**20531**

Hexagonal



Aisi 420



mm	L mm	Part N°	€
8	38	20531-08	32,40
10	38	20531-10	33,47
11	38	20531-11	34,00
12	38	20531-12	35,07
13	38	20531-13	36,72
14	38	20531-14	39,85
17	38	20531-17	43,05
19	38	20531-19	47,36

**20544**

Ratchet Handle



Aisi 420



L mm	Part N°	€
245	20544-001	144,69

**20531**

Hexagonal

8

Pcs



8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

Part N°	€
20531-051	301,92

**20531**

Hexagonal and Ratchet Handle

9

Pcs



72 teeth

8 • 10 • 11 • 12 • 13 • 14 • 17 • 19

Part N°	€
20531-062	446,61



# Inox

## INOX Hammers



**20701**

Ball Peen Hammer Fiberglass Handle

**Inox**

**Aisi 420**



g	L mm	Part N°	€
<b>230</b>	285	<b>20701-230</b>	<b>34,97</b>
<b>340</b>	285	<b>20701-340</b>	<b>47,03</b>
<b>450</b>	300	<b>20701-450</b>	<b>50,64</b>
<b>680</b>	325	<b>20701-680</b>	<b>90,44</b>
<b>910</b>	355	<b>20701-910</b>	<b>104,91</b>
<b>1130</b>	370	<b>20701-1130</b>	<b>119,37</b>

**20705**

German Type Hammer Fiberglass Handle

**Inox**

**Aisi 420**



g	L mm	Part N°	€
<b>1000</b>	390	<b>20705-1000</b>	<b>102,49</b>
<b>1500</b>	395	<b>20705-1500</b>	<b>144,69</b>
<b>2000</b>	400	<b>20705-2000</b>	<b>185,68</b>
<b>2500</b>	745	<b>20705-2500</b>	<b>233,92</b>
<b>3000</b>	745	<b>20705-3000</b>	<b>277,33</b>
<b>3600</b>	750	<b>20705-3600</b>	<b>331,58</b>

# DOGHER

TOOLS



	599		602
	600		603
	601		605
	601		606

## Titanium 30000







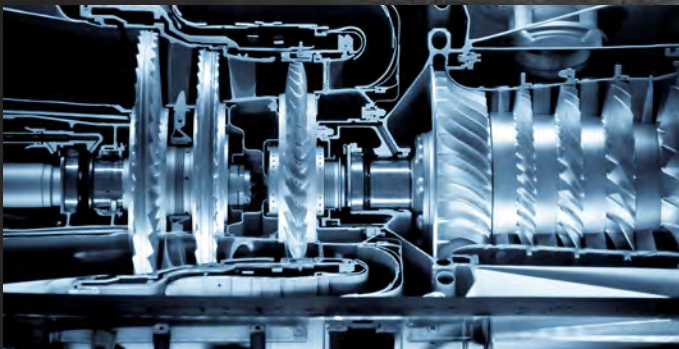
The DOGHER Titanium Tools have been designed to work in special Industries and Applications.

They stand out for having reduced wear, high hardness and being highly resistant to corrosion. This makes them suitable tools for use in sectors such as: Aeronautics (airplanes, helicopters, spacecraft), Military (armor, warships, missiles), etc.

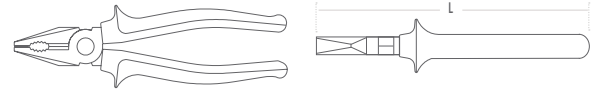
The tools TITANIUM by DOGHER TOOLS are made of Titanium alloy 6Al-4V offering antimagnetic, hypogenic and high resilience properties that favor its use in high sensitivity devices, hospital equipment (scanners, X-rays, MRI, ECG, desibrillator devices), laboratories ...

These are the most outstanding feature:

1. **100% Antimagnetic:** It is not magnetized due to the electronic structure of Titanium.
2. **Highly Stainless:** More than stainless itself. High resistance to corrosion by seawater, royal water and chlorine.
3. **Acid Resistant.**
4. **Hypoallergenic:** Does not contain Nickel (Ni). One of the elements that causes more allergies.
5. **As hard as steel but 45% lighter.**
6. **High Tenacity and high tensile strength**
7. **Great Resilience:** It is capable of recovering the initial state after stress strain.







**30205**

Ford Type Plier

Ti



L mm	L"	Part N°	€
160	6	30205-160	899,02
200	8	30205-200	1.032,24

**30266**

Professional Combination Plier

Ti



L mm	L"	Part N°	€
250	10	30266-250	1.008,92

**30212**

Professional Diagonal Cutting Plier

Ti



L mm	L"	Part N°	€
160	6	30212-160	793,17

**30208**

Professional Long Nose Plier

Ti



L mm	L"	Part N°	€
170	7	30208-170	875,68



# Titanium

TITANIUM Professional Tweezer & Knife



**30260**

Needle Point Tweezer

Ti



L mm	Part N°	€
155	30260-001	216,23

• Titanium

**30296**

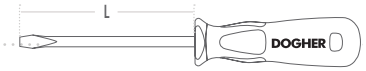
Knife

250  
mm

Ti

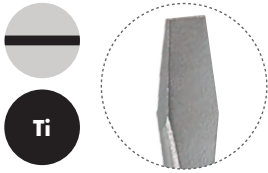


L mm	Part N°	€
250	30296-021	542,63



**30331**

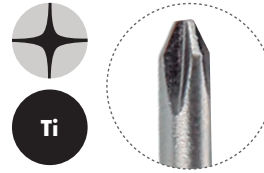
Slotted



A mm	L mm	L"	Part N°	€
2,4	75	3	30331-024-075	105,75
3,2	50	2	30331-032-050	105,75
3,2	100	4	30331-032-100	105,75
3,2	200	8	30331-032-200	141,41
4,8	100	4	30331-048-100	144,23
6,4	125	5	30331-064-125	197,94
7,9	150	6	30331-079-150	255,16

**30334**

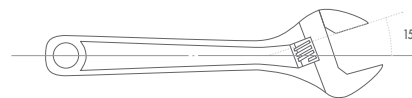
Phillips



Icon	L mm	L"	Part N°	€
PH0	75	3	30334-PH0-075	96,15
PH1	75	3	30334-PH1-075	105,75
PH2	150	4	30334-PH2-150	153,85
PH3	150	6	30334-PH3-150	201,92
PH4	200	8	30334-PH4-200	249,97

**30493**

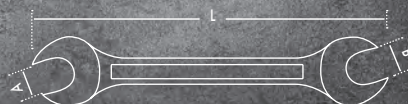
Professional Adjustable Wrench



L mm	L"	mm	Part N°	€
200	8	29	30493-200	1.269,15
250	10	33	30493-250	1.586,32

# Titanium

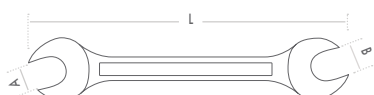
## TITANIUM Combination Wrenches



**30450**

Double Open End Wrench

Ti



A mm	B mm	L mm	Part N°	€
6	7	123	30450-06-07	122,68
8	9	140	30450-08-09	164,99
11	14	140	30450-11-14	340,29
12	13	172	30450-12-13	347,35
14	15	190	30450-14-15	270,35
15	17	156	30450-15-17	356,49
16	18	210	30450-16-18	385,37
17	19	221	30450-17-19	621,67

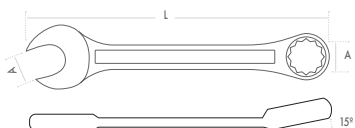
### SAE

A"	B"	L mm	Part N°	€
7/32"	1/4"	120	30450-7/32-1/4	163,87
1/4"	5/16"	123	30450-1/4-5/16	164,99
7/16"	1/2"	172	30450-7/16-1/2	184,77

**30451**

Combination Wrench

Ti



A mm	L mm	Part N°	€
6	100	30451-06	224,21
7	110	30451-07	224,21
8	120	30451-08	224,21
9	130	30451-09	224,21
10	140	30451-10	351,34
11	150	30451-11	369,09
12	160	30451-12	376,28
13	170	30451-13	383,43
14	180	30451-14	388,83
15	190	30451-15	404,55
16	200	30451-16	410,90
17	210	30451-17	426,16
19	220	30451-19	674,94

### SAE

A"	L mm	Part N°	€
5/16"	120	30451-5/16	224,21
3/8"	140	30451-3/8	281,60
7/16"	150	30451-7/16	285,19
1/2"	170	30451-1/2	411,19
9/16"	180	30451-9/16	332,80
5/8"	200	30451-5/8	337,20
11/16"	210	30451-11/16	361,31
3/4"	230	30451-3/4	493,77

**30516**

Hexagonal



**SAE**

mm	L mm	Part N°	€
8	28	30516-08	129,07
9	28	30516-09	129,07
10	28	30516-10	129,07
11	28	30516-11	129,07
12	28	30516-12	133,30
13	28	30516-13	133,30
14	28	30516-14	134,96
15	28	30516-15	149,71
16	30	30516-16	158,25
17	30	30516-17	158,25
18	30	30516-18	158,25
19	30	30516-19	158,25

"	L mm	Part N°	€
5/16	38	30516-5/16	150,11
3/8	38	30516-3/8	157,90
7/16	38	30516-7/16	167,85
1/2	38	30516-1/2	173,48
9/16	38	30516-9/16	173,48
5/8	38	30516-5/8	187,08
11/16	38	30516-11/16	236,42
1.1/16	38	30516-1.1/16	434,11
1.1/4	38	30516-1.1/4	557,60

**30525**

Flexible Head Handle



L mm	Part N°	€
200	30525-001	1.138,01

**30524**

Universal Joint



Part N°	€
30524-009	1.317,80

**30524**

Extension



L mm	Part N°	€
100	30524-100	488,40
200	30524-200	930,20

**30524**

Sliding "T" Handle



"	L mm	Part N°	€
3/8"	200	30524-025	1.085,27



# Titanium

1/2"

TITANIUM Sockets



**30531**

Bihexagonal



mm	L mm	Part N°	€
7	38	30531-07	144,23
8	38	30531-08	144,23
9	38	30531-09	145,31
10	38	30531-10	151,28
11	38	30531-11	151,28
12	38	30531-12	162,98
13	38	30531-13	167,72
14	38	30531-14	167,72
15	38	30531-15	167,72
16	38	30531-16	197,45
17	38	30531-17	212,40
18	38	30531-18	212,97
19	38	30531-19	220,89
20	38	30531-20	232,96
21	38	30531-21	288,42
22	40	30531-22	335,76
23	40	30531-23	352,79
25	40	30531-25	401,59
27	42	30531-27	474,83
28	42	30531-28	516,97
29	42	30531-29	559,16
30	42	30531-30	596,81
31	42	30531-31	641,22
32	42	30531-32	641,22

**30544**

Ratchet Handle



L mm	Part N°	€
200	30544-001	804,34

**30543**

Sliding "T" Handle



mm	L mm	Part N°	€
1/2"	200	30543-025	1.107,26

**30543**

Universal Joint



Part N°	€
30543-009	1.472,74

**30543**

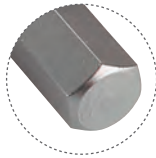
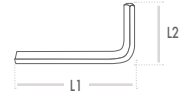
Extension



L mm	Part N°	€
100	30543-100	852,68

**30600**

Hex Key



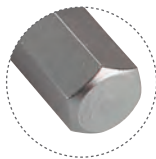
**SAE**

mm	L1 mm	L2 mm	Part N°	€
1,5	45	14	30600-01,5	96,51
2	50	16	30600-02	96,51
3	63	20	30600-03	96,51
4	70	25	30600-04	105,19
5	80	28	30600-05	119,81
6	90	32	30600-06	149,75
7	95	34	30600-07	195,69
8	100	36	30600-08	223,67
9	105	38	30600-09	242,63
10	112	40	30600-10	266,14
11	112	40	30600-11	279,56
12	125	45	30600-12	298,12
14	140	56	30600-14	351,46

"	L1 mm	L2 mm	Part N°	€
1/16	43,5	13,5	30600-1/16	212,33
5/64	49	15	30600-5/64	212,33
3/32	52	16	30600-3/32	212,33
7/64	105	38	30600-7/64	230,28
1/8	56	18	30600-1/8	231,28
9/64	80	28	30600-9/64	231,28
5/32	63	21	30600-5/32	231,28
3/16	69	23	30600-3/16	263,58
7/32	75	25	30600-7/32	329,46
1/4	82	28	30600-1/4	410,04
5/16	94	31	30600-5/16	468,59
3/8	107	34	30600-3/8	557,60
7/16	120	37	30600-7/16	588,32
1/2	133	40	30600-1/2	593,82

**30600**

Long Hex Key



mm	L1 mm	Part N°	€
3	66	30602-03	123,34
4	75	30602-04	123,34
5	86	30602-05	123,34

# Titanium

TITANIUM Hammer, Cold Chisel, Steel Scriber & Wrecking Bar



**30700**

Ball Peen Hammer Wooden Handle

Ti



g	L mm	Part N°	€
<b>315</b>	320	<b>30700-315</b>	<b>868,73</b>

**30757**

Cold Chisel

Ti



A mm	L mm	Part N°	€
<b>16</b>	150	<b>30757-16-5/8</b>	<b>382,12</b>
<b>22</b>	200	<b>30757-22-7/8</b>	<b>458,55</b>

**30796**

Steel Scriber

Ti



L mm	Part N°	€
<b>200</b>	<b>30796-002</b>	<b>197,33</b>

• Tungsten Carbide Tip

**30884**

Wrecking Bar

Ti



L mm	Ø mm	Part N°	€
<b>460</b>	16,5	<b>30884-457</b>	<b>1.296,53</b>

# DOGHER ® TOOLS



610



620



625



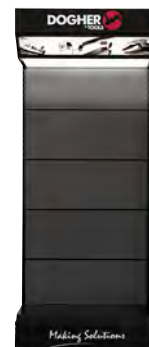
626



619



622



627



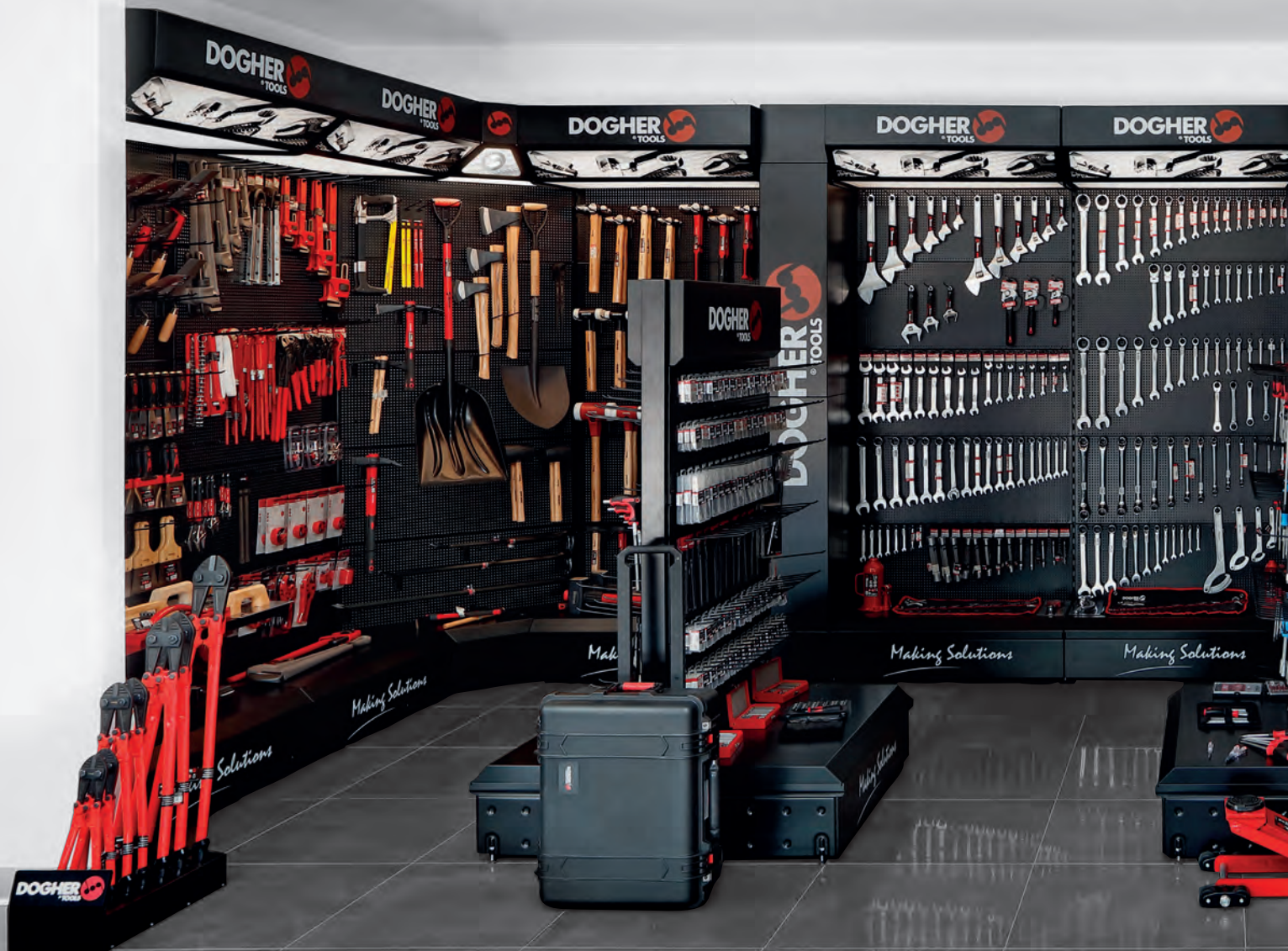
## Point of Sale EXP



We are pleased to introduce you the new point of sale solutions by DOGHER.

A new purchase experience thanks to the emplacement of the easily recognizable DOGHER spaces together with a professional and quality image. These spaces will attract the customers and will impact directly and in a positive way on the sales.

Thanks to the different solutions provided it will be possible to design efficient spaces reducing the low performance areas.



## FUNCTIONAL

Easy to find the requested product. Thanks to the final labelling of the hooks the replenishments are speeded.

## MODERN

Its high and smart design and the Led restrained lighting provide a modern and professional image to the display.



- 1 **Makes the space profitable**
- 2 **Improves the image**
- 3 **Highlights the product**
- 4 **Inspires confidence**
- 5 **Facilitates the purchase**
- 6 **Increases the sales**



## RECOGNISABLE

The display is easily recognised by the customer from anywhere in the store.



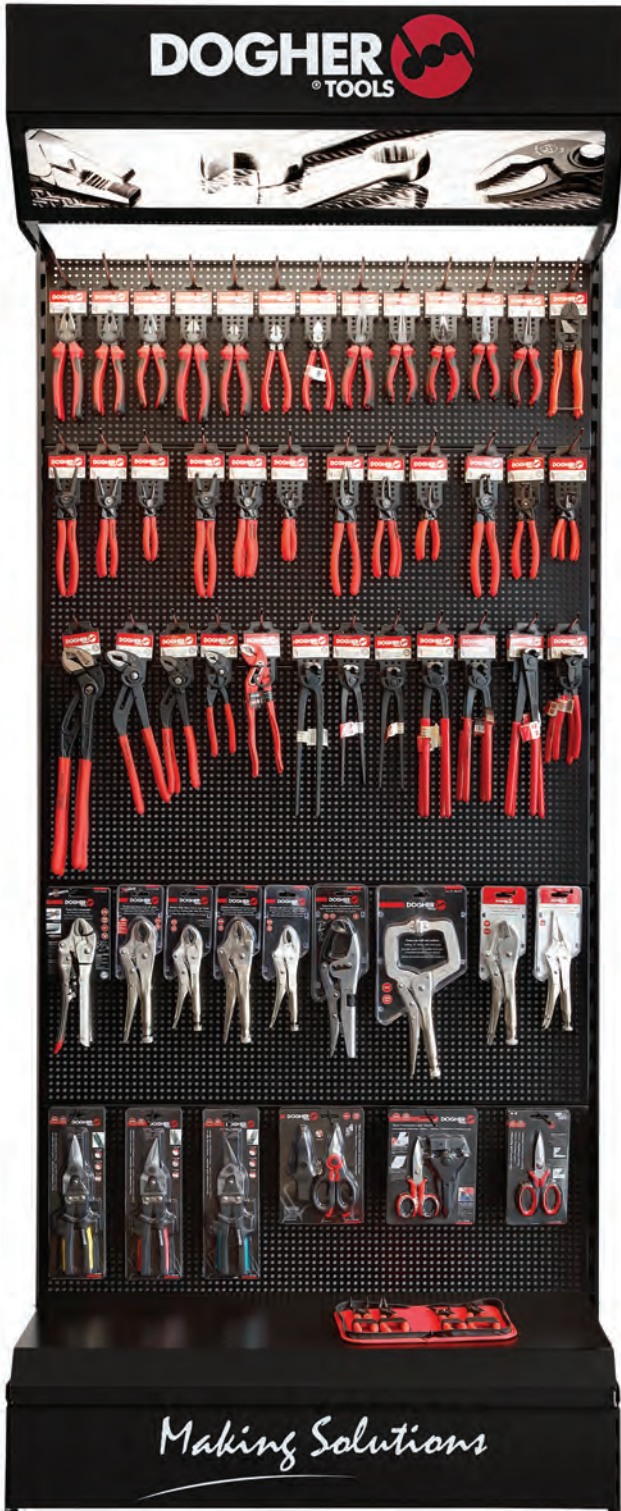
# Point of Sale

Store Displays

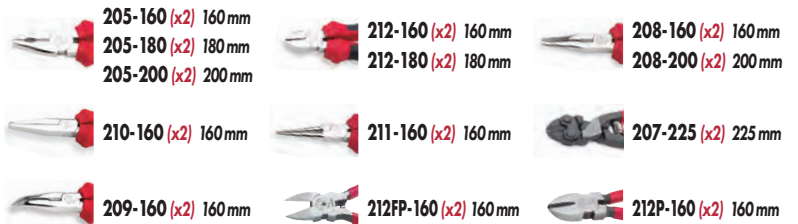


EXP

Pliers & Pincers Store Display



• Professional Series Pliers



• Seeger Circlip® Pliers

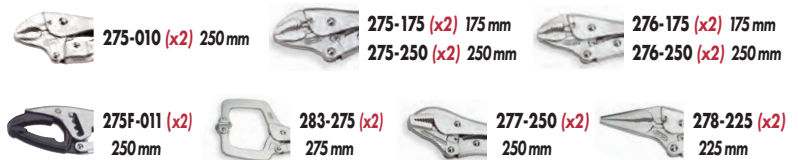


• Box 220X-002 (x1) 4 Pcs

• Pincers



• Locking Pliers



• Aviation Tin Snips



• Electrician Scissors



Part N°	€
EXP56	3.379,50


1000 x 550 x 2480 mm

**EXP**

Wrenches Store Display



• Spanish Adjustable Wrenches

	491-500 (x1) 500 mm	491-400 (x2) 400 mm	491-300 (x2) 300 mm	491-250 (x2) 250 mm	491-200 (x2) 200 mm	491-150 (x2) 150 mm
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• Professional Adjustable Wrenches

	493-450 (x1) 450 mm	493-380 (x2) 380 mm	493-300 (x2) 300 mm	493-250 (x2) 250 mm	493-200 (x2) 200 mm	493-150 (x2) 150 mm
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• Extra Wide Adjustable Wrenches

	492-250 (x2) 250 mm	492-200 (x2) 200 mm	492-150 (x2) 150 mm
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• Ratcheting Adjustable Wrenches

	496-250 (x2) 250 mm	496-200 (x2) 200 mm	496-150 (x2) 150 mm
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• Double Open Ended Wrenches

	450-30-32 (x2)	450-27-29 (x2)	450-25-28 (x2)	450-24-26 (x2)	450-22-24 (x2)
	450-21-23 (x2)	450-20-22 (x2)	450-18-19 (x2)	450-17-19 (x2)	450-16-17 (x2)
	450-14-15 (x2)	450-12-13 (x2)	450-10-13 (x2)	450-10-11 (x2)	450-08-09 (x2)
	450-06-07 (x2)	450-05,5-07 (x2)	• Nylon pouch 450-002 / 12 Pcs (x1)		

• Combination Wrenches

	451-32 (x2)	451-30 (x2)	451-29 (x2)	451-28 (x2)	451-27 (x2)	451-26 (x2)	451-25 (x2)
	451-24 (x2)	451-23 (x2)	451-22 (x2)	451-21 (x2)	451-20 (x2)	451-19 (x2)	451-18 (x2)
	451-17 (x2)	451-16 (x2)	451-15 (x2)	451-14 (x2)	451-13 (x2)	451-12 (x2)	451-11 (x2)
	451-10 (x2)	451-09 (x2)	451-08 (x2)	451-07 (x2)	451-06 (x2)		

• Double Ended Hex Socket Wrenches

	460-30-32 (x2)	460-27-29 (x2)	460-25-28 (x2)	460-24-26 (x2)	460-21-23 (x2)
	460-20-22 (x2)	460-18-19 (x2)	460-16-17 (x2)	460-14-15 (x2)	460-12-13 (x2)
	460-10-11 (x2)	460-08-09 (x2)	460-06-07 (x2)		

Part N°	€
<b>EXP53</b>	<b>3.970,53</b>

1000 x 550 x 2480 mm



# Point of Sale

Store Displays



EXP

## Wrenches Store Display



### • Combination Gear Wrenches



457-32 (x2) 457-30 (x2) 457-27 (x2) 457-24 (x2) 457-22 (x2) 457-19 (x2)  
 457-17 (x2) 457-15 (x2) 457-13 (x2) 457-12 (x2) 457-11 (x2) 457-10 (x2)  
 457-09 (x2) 457-08 (x2) 457-07 (x2) 457-06 (x2)

### • Flexible Gear Wrenches



458-24 (x2) 458-22 (x2) 458-19 (x2) 458-17 (x2) 458-15 (x2) 458-13 (x2)  
 458-12 (x2) 458-11 (x2) 458-10 (x2) 458-08 (x2) 458-07 (x2) 458-06 (x2)

### • Non Reversible Combination Gear Wrenches



4557-32 (x2) 4557-30 (x2) 4557-27 (x2) 4557-24 (x2) 4557-22 (x2) 4557-19 (x2)  
 4557-17 (x2) 4557-15 (x2) 4557-13 (x2) 4557-12 (x2) 4557-11 (x2) 4557-10 (x2)  
 4557-09 (x2) 4557-08 (x2) 4557-07 (x2) 4557-06 (x2)

### • 4 in 1 Gear Wrenches



475-13-19 (x2) 475-16-19 (x2) 475-10-19 (x2) 475-09-15 (x2) 475-08-13 (x2)

### • Double Ring Offset Wrenches



453-30-32 (x2) 453-27-29 (x2) 453-25-28 (x2) 453-24-26 (x2) 453-21-23 (x2)  
 453-20-22 (x2) 453-18-19 (x2) 453-17-19 (x2) 453-16-17 (x2) 453-14-15 (x2)  
 453-12-13 (x2) 453-10-11 (x2) 453-08-09 (x2) 453-06-07 (x2)

### • Offset Combination Wrenches



4510-32 (x2) 4510-30 (x2) 4510-27 (x2) 4510-24 (x2) 4510-22 (x2)  
 4510-17 (x2) 4510-13 (x2) 4510-11 (x2) 4510-10 (x2) 4510-08 (x2) 4510-07 (x2)

### • Fixed Hook Wrench



471-120-180 (x2) 471-80-120 (x2) 471-50-80 (x2) 471-35-50 (x2) 471-13-35 (x2)

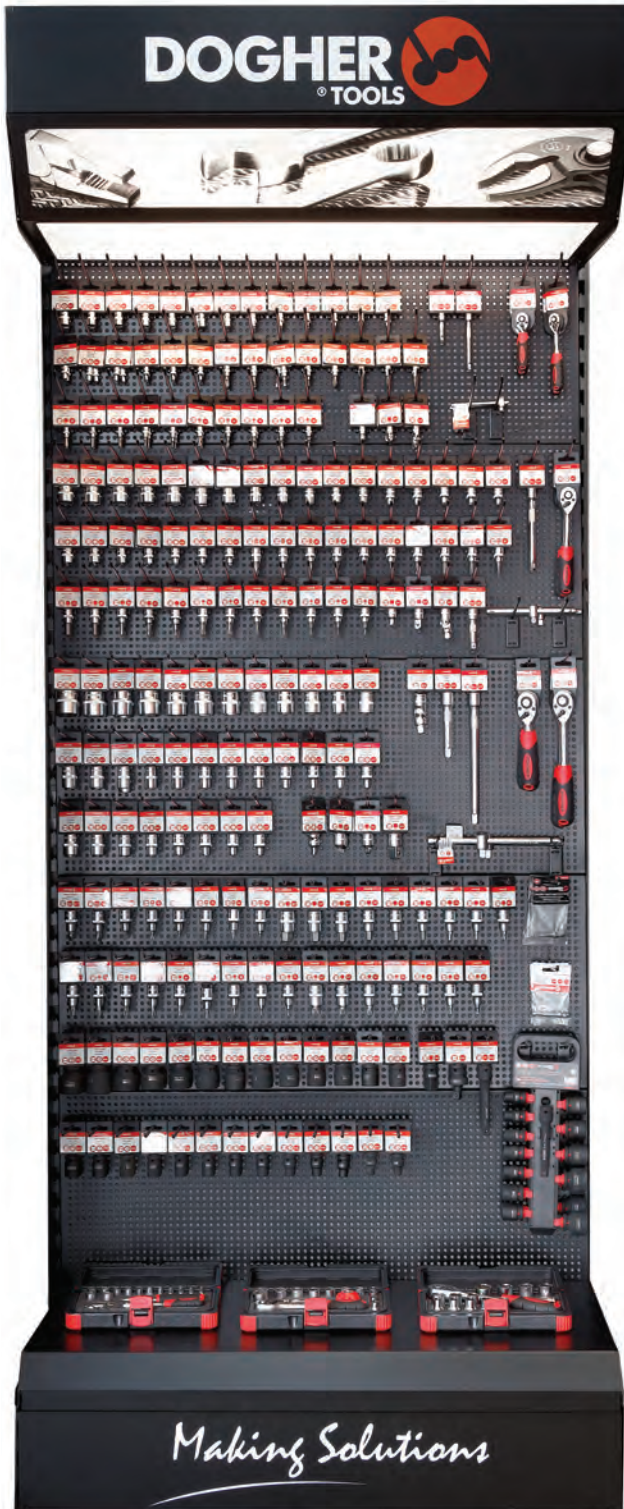
\* Nylon pouch 451-002 / 14 Pcs (x1)

Part N°	€
EXP54	5.653,77

1000 x 550 x 2480 mm

**EXP**

Sockets Store Display



1000 x 550 x 2480 mm

- | 1/4"                            |                           |                           |                           |  |
|---------------------------------|---------------------------|---------------------------|---------------------------|--|
| • Hexagonal Sockets 1/4"        | 500-14 (x2)               | 500-13 (x2)               | 500-12 (x2)               | 500-11 (x2) 500-10 (x2) 500-09 (x2) 500-08 (x2) 500-07 (x2) 500-06 (x2) 500-05,5 (x2) 500-05 (x2) 500-04,5 (x2) 500-04 (x2)  |
| • TORX Sockets 1/4"             | 503-T10 (x2)              | 503-T08 (x2)              | 503-T07 (x2)              | 503-T06 (x2) 503-T05 (x2) 503-T04 (x2)   |
| • Extension 1/4"                |                           |                           | 509-003 (x2) 100 mm       | 509-001 (x2) 50 mm   |
| • Ratchet Handle                |                           |                           |                           | 510-001 (x2) 510-002 (x2)  |
| • Socket bits 1/4"              | 504-080 (x2)              | 504-065 (x2)              | 504-055 (x2)              | 504-040 (x2) 506-PZ3 (x2) 506-PZ2 (x2) 505-PH3 (x2) 505-PH2 (x2) 507-08 (x2) 507-06 (x2) 507-05 (x2) 507-04 (x2) 507-03 (x2) 508-T30 (x2) 508-T25 (x2) 508-T20 (x2) 508-T15 (x2) 508-T10 (x2)  |
| • Square Drive Bit              | 509-012 (x2) 1/4x1/4      | 509-011 (x2) 1/4x3/8      | 509-019 (x2) 509-021 (x2) | 509-009 (x2) 509-014 (x2)  |
| • Increasing                    |                           |                           |                           |  |
| • Adaptor                       |                           |                           |                           |  |
| • Universal Joint               |                           |                           |                           |  |
| • Sliding "T" Handle            |                           |                           |                           |  |
| 3/8"                            |                           |                           |                           |  |
| • Hexagonal Sockets 3/8"        | 516-22 (x2)               | 516-21 (x2)               | 516-20 (x2)               | 516-19 (x2) 516-18 (x2) 516-17 (x2) 516-16 (x2) 516-15 (x2) 516-14 (x2) 516-13 (x2) 516-12 (x2) 516-11 (x2) 516-10 (x2) 516-09 (x2) 516-08 (x2) 516-07 (x2) 516-06 (x2)  |
| • TORX Sockets 3/8"             | 518-T18 (x2)              | 518-T16 (x2)              | 518-T14 (x2)              | 518-T12 (x2) 518-T11 (x2) 518-T10 (x2) 518-T08 (x2)  |
| • Extension 3/8"                |                           |                           | 524-004 (x2) 150 mm       | 524-002 (x2) 75 mm   |
| • Ratchet Handle                |                           |                           |                           | 525-001 (x2)   |
| • Socket bits 3/8"              | 519-100 (x2)              | 519-080 (x2)              | 519-065 (x2)              | 519-055 (x2) 521-PZ3 (x2) 521-PZ2 (x2) 521-PZ1 (x2) 520-PH3 (x2) 520-PH2 (x2) 520-PH1 (x2) 522-10 (x2) 522-08 (x2) 522-06 (x2) 522-05 (x2) 522-04 (x2) 523-T50 (x2) 523-T40 (x2) 523-T30 (x2) 523-T25 (x2) 523-T20 (x2) 523-T15 (x2) 523-T10 (x2)  |
| • Reducing                      | 524-012 (x2) 3/8x1/4      | 524-011 (x2) 3/8x1/2      | 524-009 (x2)              | 524-025 (x2)   |
| • Increasing                    |                           |                           |                           |  |
| • Universal Joint               |                           |                           |                           |  |
| • Sliding "T" Handle            |                           |                           |                           |  |
| 1/2"                            |                           |                           |                           |  |
| • Hexagonal Sockets 1/2"        | 531-32 (x2)               | 531-30 (x2)               | 531-29 (x2)               | 531-28 (x2) 531-27 (x2) 531-26 (x2) 531-25 (x2) 531-24 (x2) 531-23 (x2) 531-22 (x2) 531-21 (x2) 531-20 (x2) 531-19 (x2) 531-18 (x2) 531-17 (x2) 531-16 (x2) 531-15 (x2) 531-14 (x2) 531-13 (x2) 531-12 (x2) 531-11 (x2) 531-10 (x2) 531-09 (x2) 531-08 (x2)  |
| • TORX Sockets 1/2"             | 533-T24 (x2)              | 533-T20 (x2)              | 533-T18 (x2)              | 533-T16 (x2) 533-T14 (x2) 533-T12 (x2) 533-T11 (x2) 533-T10 (x2)   |
| • Extension 1/2"                |                           |                           | 543-003 (x2) 125mm        | 543-005 (x2) 250mm   |
| • Ratchet Handle                |                           |                           |                           | 544-002 (x2) 544-001 (x2)  |
| • Socket bits 1/2"              | 534-19 (x2)               | 534-17 (x2)               | 534-14 (x2)               | 534-12 (x2) 534-10 (x2) 534-08 (x2) 534-07 (x2) 534-06 (x2) 534-05 (x2) 540-PZ3 (x2) 540-PZ2 (x2) 540-PZ1 (x2) 539-PH3 (x2) 539-PH2 (x2) 539-PH1 (x2) 528-100 (x2) 528-080 (x2) 535-16 (x2) 535-14 (x2) 535-12 (x2) 535-10 (x2) 535-08 (x2) 535-06 (x2) 535-05 (x2) 536-T60 (x2) 536-T55 (x2) 536-T50 (x2) 536-T45 (x2) 536-T40 (x2) 536-T30 (x2) 536-T27 (x2) 536-T25 (x2) 536-T20 (x2) |
| • Reducing                      | 543-019 (x2) 1/2x1/4      | 543-011 (x2) 1/2x3/4      | 543-014 (x2)              | 543-009 (x2) 1/2 543-028 (x2)  |
| • Increasing                    |                           |                           |                           |  |
| • Sliding "T" Handle            |                           |                           |                           |  |
| • Universal Joint               |                           |                           |                           |  |
| • Square Drive Bit              |                           |                           |                           |  |
| IMPACT                          |                           |                           |                           |  |
| • Hexagonal Impact Sockets 1/2" | 570-36 (x2)               | 570-34 (x2)               | 570-32 (x2)               | 570-30 (x2) 570-29 (x2) 570-28 (x2) 570-27 (x2) 570-26 (x2) 570-25 (x2) 570-24 (x2) 570-23 (x2) 570-22 (x2) 570-21 (x2) 570-20 (x2) 570-19 (x2) 570-18 (x2) 570-17 (x2) 570-16 (x2) 570-15 (x2) 570-14 (x2) 570-13 (x2) 570-12 (x2) 570-11 (x2) 570-10 (x2) 570-09 (x2) 570-08 (x2)  |
| • Increasing                    | 594-026 (x2) 1/2x3/4      |                           | 594-002 (x2) 1/2          | 594-008 (x2)   |
| • Universal Joint               |                           |                           |                           |  |
| • Extension                     |                           |                           |                           |  |
| • Sets                          |                           |                           |                           | 570-071 (x2) 13 Pcs  |
| • Mixed Socket Sets             | 500-001 (x1) 1/4 · 17 Pcs | 531-001 (x1) 1/2 · 14 Pcs | 516-001 (x1) 3/8 · 16 Pcs |  |

Part N°

€

EXP55

5.591,89



# Point of Sale

Store Displays



EXP

Plumbing Store Display



• Spanish Type Pipe Wrenches

	650-900 (x3) 900 mm	650-600 (x3) 600 mm	650-450 (x3) 450 mm	650-350 (x3) 350 mm	650-300 (x3) 300 mm
	655-900 (x3) 900 mm	655-600 (x3) 600 mm	655-450 (x3) 450 mm	655-350 (x3) 350 mm	655-250 (x3) 300 mm

• Pipe Wrenches

	660-425 (x3) 425 mm	660-320 (x3) 320 mm		661-425 (x3) 425 mm	661-320 (x3) 320 mm
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• Pincers

	269-400 (x3) 400 mm	269-300 (x3) 300 mm	269-240 (x3) 240 mm	269-180 (x3) 180 mm
	267-250 (x3) 250 mm		268-250 (x3) 250 mm	

• Universal Control Cabinet Keys

	470-002 (x3)		470-001 (x3)		470-003 (x3)
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• Professional Chain Pipe Wrenches

	662-001 (x3) 300 mm
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• Professional Belt Pipe Wrenches

	662-003 (x3) 200 mm
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• Basin Wrenches

	673-002 (x3) 25-50 mm	673-001 (x3) 10-32 mm
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• Bi-Metal Hacksaw Blades

	840-070 (x3) 2 Pcs
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• Extra Wide Adjustable Wrenches

	492-150 (x3) 150 mm	492-200 (x3) 200 mm	492-250 (x3) 250 mm
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• Auto Tube Cutter Zinc Body

	676-22 (x3) 22 mm	676-15 (x3) 15 mm	676-12 (x3) 12 mm	676-10 (x3) 10 mm
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• Pipe Deburring Countersink

	677-03-40 (x3) 3-40 mm
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• Tube Cutters

	675-06-65 (x3) 6-65 mm	675-03-32 (x3) 3-32 mm	675-03-41 (x3) 3-41 mm	675-03-28 (x3) 3-28 mm
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• Pipe Wrenches

	665-45 (x3) 45 mm		667-36 (x3) 36 mm
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• Mini Zip Action Tube Cutter

	675-03-16 (x3) 3-16 mm
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Part N°	€
EXP51	7.417,72

1000 x 550 x 2480 mm

**EXP**

Construction Store Display



1000 x 550 x 2480 mm

• Catalan Model Trowels

	883-06-180 (x5) 180 mm		883-06-170 (x5) 170 mm		883-05-180 (x5) 180 mm		883-05-170 (x5) 170 mm
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• Madrid Model Trowels

	883-04-200 (x5) 200 mm		883-04-180 (x5) 180 mm		883-03-200 (x5) 200 mm		883-03-180 (x5) 180 mm
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• Bucket Trowels

	883-02-190 (x5) 190 mm		883-02-180 (x5) 180 mm		883-01-190 (x5) 190 mm		883-01-180 (x5) 180 mm
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• Sevilla Model Trowels

	883-08-190 (x5) 190 mm		883-07-190 (x5) 190 mm		883-12-125 (x5) 125 mm		883-11-125 (x5) 125 mm
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• Round Tip Trowels

• Bay Leaf Trowels

	883-14-130 (x5) 130 mm		883-13-130 (x5) 130 mm		883-10-130 (x5) 130 mm		883-09-130 (x5) 130 mm
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• Sharp Tip Trowels

• Filling Scrapers

	879-80 (x6) 80 mm		879-70 (x6) 70 mm		879-60 (x6) 60 mm		879-50 (x6) 50 mm		879-40 (x6) 40 mm		879-30 (x6) 30 mm
	881-80 (x6) 80 mm		881-70 (x6) 70 mm		881-60 (x6) 60 mm		881-50 (x6) 50 mm		881-40 (x6) 40 mm		881-30 (x6) 30 mm
	877-240 (x6) 240 mm		877-220 (x6) 220 mm		877-180 (x6) 180 mm		877-160 (x6) 160 mm		877-140 (x6) 140 mm		877-120 (x6) 120 mm
	878-240 (x6) 240 mm		878-220 (x6) 220 mm		878-200 (x6) 200 mm		878-160 (x6) 160 mm		878-140 (x6) 140 mm		878-120 (x6) 120 mm

• Trowels

	886-001 (x5) 280 mm		886-002 (x5) 300 mm		886-003 (x5) 300 mm
	886-004 (x5) 300 mm		886-006 (x5) 280 mm		886-007 (x5) 280 mm
	886-008 (x5) 300 mm		886-009 (x5) 500 mm		886-010 (x5) 500 mm

• Floats

	886-016 (x5) 280 mm		886-017 (x5) 280 mm		886-014 (x5) 270 mm
	886-013 (x5) 270 mm		886-015 (x5) 240 mm		886-018 (x5) 240 mm

• Plaster Scrapers

	886-012 (x5) 450 mm
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• Rendering Scrapers

	886-011 (x5) 250 mm
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Part N°	€
EXP50	4.147,45



# Point of Sale

Store Displays



EXP

Percussion Store Display



1000 x 550 x 2480 mm

• Ball Peen Hammers

	<b>700-1360 (x3)</b> 1360 g	<b>700-910 (x3)</b> 910 g	<b>700-680 (x3)</b> 680 g	<b>700-560 (x3)</b> 560 g
	<b>701-1360 (x3)</b> 1360 g	<b>701-910 (x3)</b> 910 g	<b>701-680 (x3)</b> 680 g	<b>701-560 (x3)</b> 560 g

• Rubber Hammers Knock in Head

	<b>740-50 (x3)</b> Ø 50 mm	<b>740-40 (x3)</b> Ø 40 mm	<b>740-35 (x3)</b> Ø 35 mm	<b>740-30 (x3)</b> Ø 30 mm
	<b>7310-50 (x3)</b> Ø 50 mm	<b>7310-40 (x3)</b> Ø 40 mm	<b>7310-35 (x3)</b> Ø 35 mm	

• Mechanical Hold Head Hammers Pro Hit

	<b>7420-80 (x3)</b> Ø 80 mm	<b>7420-60 (x3)</b> Ø 60 mm	<b>7420-50 (x3)</b> Ø 50 mm	<b>7420-40 (x3)</b> Ø 40 mm	<b>7420-30 (x3)</b> Ø 30 mm
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• Carpenter Hammers

	<b>702-320 (x3)</b> 320 g		<b>703-320 (x3)</b> 320 g
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• Spanish Stone Hammers

	<b>704-1250 (x3)</b> 1250 g	<b>704-1000 (x3)</b> 1000 g		<b>705-1250 (x3)</b> 1250 g	<b>705-1000 (x3)</b> 1000 g
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• Big Head Sledge Hammers

	<b>712-5000 (x3)</b> 5000 g		<b>713-5000 (x3)</b> 5000 g
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• Sledge Hammer

	<b>726-3000 (x3)</b> 3000 g
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• Long Splitting Wedge

	<b>726-020 (x3)</b> 2000 g
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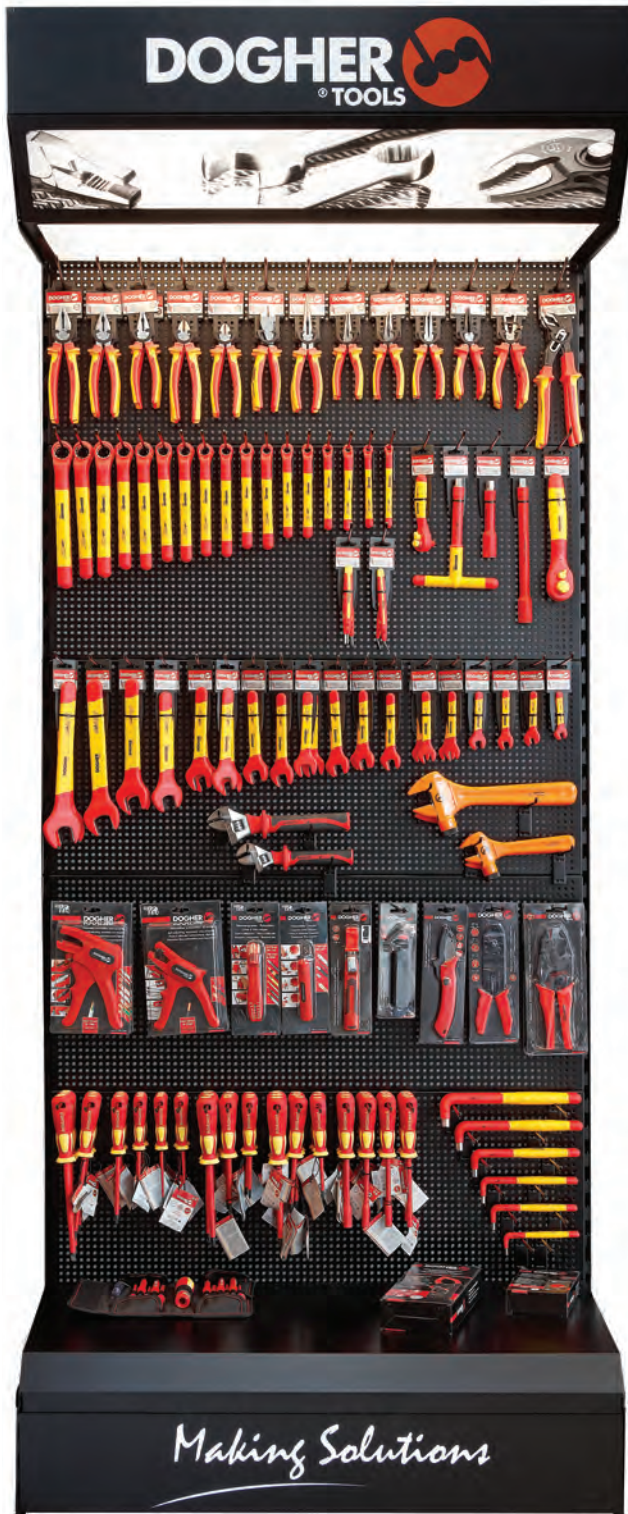
• Chipping Hammer

	<b>715-001 (x3)</b> 500 g
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Part N°	€
EXP52	4.339,86

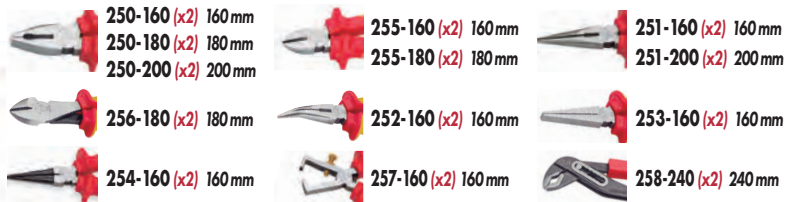
**EXP**

VDE Store Display



1000 x 550 x 2480 mm

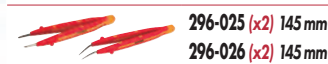
• Insulated pliers



• Insulated Ring Wrenches



• Insulated Teeth Tweezers



• Insulated Ratchet Handle



• Insulated "T" Handle



• Insulated Extension



• Insulated Open Wrenches



• Insulated Adjustable Wrenches



• Self-Adjusting, Automatic Wire Stripping



• Self-Adjusting, Automatic Wire Stripping



• Cable & Wire Stripper



• Coaxial Cable Stripper



• Professional Cable Stripper



• Cable Stripper



• Electrician Knife



• Terminal Crimping Tool



• Expert Ratchet Crimping Tool



• Digital Clamp Meter



• Digital multimeter



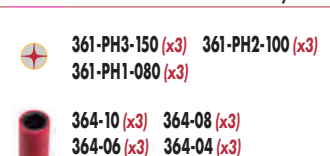
• Voltage Tester



• Insulated Professional Series Screwdrivers



• Set 360-012 / 14 Pcs (x1)



• Short Hex VDE Wrenches



Part N°

€

EXP57

8.373,60



# Point of Sale

Store Displays



EXP

Non-Sparking - INOX - Titanium Store Display



1000 x 550 x 2480 mm

• Pliers

**NON-SPARKING**

- 10205-180 (x1) 180 mm
- 10212-160 (x1) 160 mm
- 10208-180 (x1) 180 mm
- 10270-200 (x1) 200 mm
- 10219-200 (x1) 200 mm
- 10200-160 (x1) 160 mm

- Carpenter Pincer
- Notch-joint Water Pump Plier
- Spanish Type Pipe Wrench
- 10273-180 (x1) 180 mm
- 10266-300 (x1) 300 mm
- 10650-250 (x1) 250 mm

- Flexible Hook Wrench
- Adjustable Wrench
- Slogging Ring Wrench
- 10471-50-120 (x1)
- 10493-250 (x1)
- 10452-27 (x1)

- Open End Slogging wrench
- Deep Offset Slogging Ring Wrench
- Valve Wrench
- 10478-27 (x1) 27 mm
- 10484-30 (x1) 30 mm
- 10680-370 (x1) 370 mm

• Combination Wrenches

- 10451-10 (x1)
- 10451-13 (x1)
- 10451-17 (x1)
- 10451-19 (x1)
- 10451-24 (x1)
- 10451-27 (x1)
- 10451-30 (x1)
- 10451-32 (x1)

• Screwdrivers

- 10334-PH2-125 (x1)
- 10337-PZ2-125 (x1)
- 10330-060-100 (x1)
- 10331-060-100 (x1)

• Hexagonal Sockets

- 10531-10 (x1)
- 10531-13 (x1)
- 10531-17 (x1)
- 10531-24 (x1)
- 10531-30 (x1)

• Ratchet Handle

- 10544-001 (x1) 1/2

• Flat File

- 10804-200 (x1) 200 mm

• Ball Peen Hammers

- 10700-450 (x1)
- 10701-450 (x1)

• Big Head Hammers

- 10712-2000A (x1)
- 10713-2000A (x1)

• Wrecking Bar

- 10884-460 (x1)

• Pliers

**INOX**

- 20266-250 (x1) 250 mm
- 20205-180 (x1) 180 mm
- 20212-160 (x1) 160 mm
- 20208-160 (x1) 160 mm
- 20275-225 (x1) 225 mm

• Combination Wrenches

- 20451-10 (x1)
- 20451-13 (x1)
- 20451-17 (x1)
- 20451-19 (x1)

• Adjustable Wrenches

- 20493-300 (x1)
- 20493-375 (x1)

• Ball Peen Hammer

- 20701-450 (x1) 450 mm

• Big Head Hammers

- 20705-1000 (x1) 1000 g

• Pliers

**TITANIUM**

- 30205-200 (x1) 200 mm
- 30208-170 (x1) 170 mm
- 30212-160 (x1) 160 mm

• Combination Wrenches

- 30451-10 (x1)
- 30451-15 (x1)
- 30451-17 (x1)
- 30451-19 (x1)

• Adjustable Wrench

- 30493-200 (x1) 200 mm

• BI-hexagonal Sockets

- 30531-10 (x1)
- 30531-13 (x1)
- 30531-17 (x1)
- 30531-21 (x1)
- 30531-27 (x1)
- 30531-31 (x1)

• Ratchet Handle

- 30544-001 (x1) 1/2

• Needle Point Tweezer

- 30260-001 (x1) 225 mm

• Cold Chisel

- 30757-22-7/8 (x1)

• Steel Scriber

- 30796-002 (x1)

• Ball Peen Hammer

- 30700-315 (x1)

• Knife

- 30296-021 (x1)

• Wrecking Bar









- 30884-457 (x1)

Part N°	€
EXP58	21.554,67

**EXP**

Varied Tools Corner Display



- VDE Sockets set  
 **5331-001 (x1)**  
20 Pcs
- Screwdriver sets  
 **330-003 (x1)** **330-001 (x1)** **360-001 (x1)**  
7 Pcs 5 Pcs 7 Pcs
- Drift Punch Set  
 **7446-003 (x1)**  
6 Pcs
- Sheathed Drift Punch Set  
 **7445-001 (x1)**  
6 Pcs
- Professional Bench Vices  
 **925-125 (x1)** **926-125 (x1)**  
125 mm 125 mm
- Gear Pullers  
 **905-004 (x1)**  
100/200/300 mm
- Alphabetic Marking Punches Set  
 **763-204 (x1)**  
27 Pcs
- Interchangeable Marking Punches Set  
 **763-002 (x1)**  
100 Pcs

Part N°	€
<b>ESQ51</b>	<b>2.889,12</b>

1000 x 320/550 x 2480 mm

**EXP**

Varied Tools Corner Display



- Hacksaw Frame  
 **840-002 (x3)**  
300 mm
- Hacksaw Blades Sets  
 **840-068 (x3)**  **840-067 (x3)**  
300 mm 300 mm
- D-Handle Plastic Shovel  
 **871-050 (x3)**  
2000g
- Wrecking Bars  
 **884-05-1000 (x3)** **884-05-800 (x3)** **884-05-600 (x3)**  
1000 mm 800 mm 600 mm
- Ring Handle Pointed Shovel  
 **870-030 (x3)**  
2000g
- Axes  
 **724-500 (x3)** **724-700 (x3)** **724-1000 (x3)**  
500g 700g 1000g
- Double Socket Scaffolding Wrench  
 **892-19-22 (x3)**  
19-22 mm
- Shuttering Hammer  
 **711-700 (x3)**  
700g
- Rubber Hammers  
 **736-920 (x3)** **736-685 (x3)**  
920g 685g
- Axe Shovel Picks  
 **717-550 (x3)** **719-650 (x3)**  
550g 650g
-  **716-550 (x3)** **718-650 (x3)**  
550g 650g

Part N°	€
<b>ESQ50</b>	<b>1.720,22</b>

1000 x 320/550 x 2480 mm



# Point of Sale

## Store Displays



**EXP**

### Screwdrivers Low Standing Display



#### • Professional Series

Stamped	330-100-200 (x3)	330-080-175 (x3)	330-065-150 (x3)	330-055-125 (x3)
	330-040-100 (x3)	330-030-075 (x3)	330-025-075 (x3)	
Milled	331-065-150 (x3)	331-055-150 (x3)	331-040-125 (x3)	331-035-100 (x3)
	331-030-100 (x3)	331-025-075 (x3)		
Phillips	334-PH3-150 (x3)	334-PH2-125 (x3)	334-PH1-100 (x3)	334-PH0-075 (x3)
Pozidriv	337-PZ3-150 (x3)	337-PZ2-125 (x3)	337-PZ1-100 (x3)	337-PZ0-075 (x3)
Torx	340-T50 (x3)	340-T40 (x3)	340-T30 (x3)	340-T27 (x3)
	340-T25 (x3)	340-T20 (x3)	340-T15 (x3)	
L25 mm	340-T10 (x3)	340-T09 (x3)	340-T08 (x3)	340-T07 (x3)
	340-T06 (x3)	340-T05 (x3)	340-T04 (x3)	
L300 mm	331-055-025 (x3)	334-PH2-025 (x3)	337-PZ2-025 (x3)	
	331-055-300 (x3)	334-PH2-300 (x3)	337-PZ2-300 (x3)	
Hex	322-130-125 (x3)	322-120-125 (x3)	322-110-125 (x3)	322-090-125 (x3)
	322-070-125 (x3)	322-060-125 (x3)	322-055-125 (x3)	322-050-125 (x3)
	322-045-125 (x3)	322-040-125 (x3)		
	343-001 (x3)	343-007 (x3)	343-004 (x3)	343-003 (x3)
	343-006 (x3)	343-005 (x3)	343-002 (x3)	

#### • Go-through

Stamped	375-100-175 (x3)	375-080-150 (x3)	375-065-125 (x3)	375-055-100 (x3)
Phillips	376-PH2-125 (x3)			

#### • Industrial Plus Series

Milled	300-060-150 (x3)	300-050-125 (x3)	300-040-125 (x3)
Phillips	301-PH2-125 (x3)	301-PH1-100 (x3)	Pozidriv 302-PZ2-125 (x3)
			302-PZ1-100 (x3)
Torx	303-T30 (x3)	303-T25 (x3)	303-T20 (x3)
	303-T15 (x3)	303-T10 (x3)	303-T08 (x3)

#### • Screwdriver Sets

380-002 (x3) 7 Pcs	383-001 (x3) 8 Pcs	380-004 (x3) 12 Pcs	330-050 (x3) 6 Pcs	396-001 (x3) Tester
--------------------	--------------------	---------------------	--------------------	---------------------

1000 x 550 x 1680 mm

Part N°	€
EXPB51	2.735,88

**EXP**

### Varied Tools Low Standing Display



#### • 3 Way T-Type Sliding Hex Key Wrenches

623-14 (x3)	623-12 (x3)	623-10 (x3)	623-08 (x3)	623-06 (x3)
623-05 (x3)	623-04 (x3)	623-03 (x3)		
623-T40 (x3)	623-T30 (x3)	623-T25 (x3)	623-T20 (x3)	623-T15 (x3)
	623-T10 (x3)			

• Displays 619-001 (x1) 9 Pcs 617-001 (x1) 8 Pcs

#### • Automatic Centre Punches

750-015 (x3) 80 Kg	750-013 (x3) 36 Kg	750-011 (x3) 16 Kg
--------------------	--------------------	--------------------

#### • Cold Chisels, Points & Drift Punches Display

753-001 (x1) 84 Pcs

#### • Drift punches

7444-10 (x3)	7444-08 (x3)	7444-06 (x3)	7444-05 (x3)	7444-04 (x3)
7444-03 (x3)	7444-02,5 (x3)	7444-02 (x3)		
7446-10 (x3)	7446-09 (x3)	7446-08 (x3)	7446-07 (x3)	7446-06 (x3)
7446-05 (x3)	7446-04 (x3)	7446-03 (x3)	7446-02 (x3)	

#### • Precision Centre Punches

7449-10 (x3)	7449-08 (x3)	7449-06 (x3)	7449-04 (x3)	7449-03,5 (x3)
7449-03 (x3)	7449-02,5 (x3)			

1000 x 550 x 1680 mm

Part N°	€
EXPB53	3.753,79

**EXP**

**Screwdriver Bits Low Standing Display**



	Phillips	Pozidriv			
L 25 mm	400-PH1-10 (x3) 400-PH2-10 (x3) 400-PH3-10 (x3)	401-PZ1-10 (x3) 401-PZ2-10 (x3) 401-PZ3-10 (x3)			
<b>TiN</b>	420-PH1-5 (x3) 420-PH2-5 (x3) 420-PH3-5 (x3)	421-PZ1-5 (x3) 421-PZ2-5 (x3) 421-PZ3-5 (x3)			
<b>IMPACT</b>	427-PH2-5 (x3) 427-PH3-5 (x3)	427-PZ2-5 (x3) 427-PZ3-5 (x3)			
L 50 mm	410-PH1-10 (x3) 410-PH2-10 (x3) 410-PH3-10 (x3)	411-PZ1-10 (x3) 411-PZ2-10 (x3) 411-PZ3-10 (x3)			
L 90 mm	416-PH1-5 (x3) 416-PH2-5 (x3) 416-PH3-5 (x3)	417-PZ1-5 (x3) 417-PZ2-5 (x3) 417-PZ3-5 (x3)			
L 150mm	4150-PH1-1 (x3) 4150-PH2-1 (x3) 4150-PH3-1 (x3)	4150-PZ1-1 (x3) 4150-PZ2-1 (x3) 4150-PZ3-1 (x3)			
	Torx				
L 25 mm	403-T10-10 (x3) 403-T15-10 (x3) 403-T20-10 (x3) 403-T25-10 (x3) 403-T30-10 (x3) 403-T40-10 (x3)				
<b>IMPACT</b>	427-T10-5 (x3) 427-T15-5 (x3) 427-T20-5 (x3) 427-T25-5 (x3) 427-T30-5 (x3) 427-T40-5 (x3)				
L 50 mm	413-T10-10 (x3) 413-T15-10 (x3) 413-T20-10 (x3) 413-T25-10 (x3) 413-T30-10 (x3) 413-T40-10 (x3)				
L 90 mm	418-T10-5 (x3) 418-T15-5 (x3) 418-T20-5 (x3) 418-T25-5 (x3) 418-T30-5 (x3) 418-T40-5 (x3)				
L 150mm	4150-T10-1 (x3) 4150-T15-1 (x3) 4150-T20-1 (x3) 4150-T25-1 (x3) 4150-T30-1 (x3) 4150-T40-1 (x3)				
	Hex				
L 25 mm	405-HX025-10 (x3) 405-HX030-10 (x3) 405-HX040-10 (x3) 405-HX050-10 (x3) 405-HX060-10 (x3)				
	Nut Drivers				
L 50 mm	440-130 (x3) 440-120 (x3) 440-100 (x3) 440-080 (x3) 440-070 (x3) 440-060 (x3)				
L 65 mm	441-130 (x3) 441-120 (x3) 441-100 (x3) 441-080 (x3) 441-070 (x3)				
	Screwdriver Bits Sets				
<b>438-001 (x3)</b>	<b>438-002 (x3)</b>	<b>438-004 (x1)</b>	<b>438-007 (x1)</b>	<b>438-006 (x1)</b>	<b>438-008 (x1)</b>
32 Pcs	32 Pcs	15 Pcs	15 Pcs	11 Pcs	58 Pcs
	Bit Holders	Adaptor			
<b>443-001 (x3)</b>	<b>443-050 (x3)</b>	<b>443-058 (x3)</b>	<b>445-001 (x3)</b>	<b>443-002 (x3)</b>	<b>444-001 (x3)</b>

1000 x 550 x 1680 mm

Part N°	€
<b>EXP52</b>	<b>5.842,03</b>

**EXP**

**Varied Tools Low Standing Display**



• Electrician Scissors	<b>296-009 (x3)</b> 160 mm	<b>296-007 (x3)</b> 145 mm	<b>296-008 (x3)</b> 150 mm
• Measuring Tapes	<b>771-03 (x3)</b> 3 m	<b>771-05 (x3)</b> 5 m	<b>776-08 (x3)</b> 8 m
			• Display <b>778-03J (x1)</b> 3 m · 12 Pcs <b>778-05J (x1)</b> 5 m · 8 Pcs
• Universal Control Cabinet Keys	<b>470-002 (x3)</b>	<b>470-001 (x3)</b>	<b>470-003 (x3)</b>
• Cutter Knives	<b>789-25 (x3)</b>	<b>789-001 (x3)</b> <b>789-003 (x3)</b>	<b>790-020 (x3)</b> <b>790-010 (x3)</b>
• Knife	<b>296-021 (x3)</b>	• Knife Cutter Spare Blades <b>789R-25 (x3)</b> <b>789R-18 (x3)</b> <b>789R-09 (x3)</b> <b>790-01-10 (x3)</b>	
• Key Wrench Sets	<b>602-109 (x3)</b> <b>608-109 (x3)</b> <b>605-089 (x3)</b> <b>607-079 (x3)</b> <b>605-069 (x3)</b> <b>605-009 (x3)</b>	<b>611-009 (x3)</b> <b>608-009 (x3)</b> <b>600-009 (x3)</b> <b>609-009 (x3)</b> <b>606-009 (x3)</b>	
• Levels	<b>785-001 (x3)</b> 250 mm	<b>783-02-800 (x3)</b> 800 mm	<b>783-02-600 (x3)</b> 600 mm
• T Handle Ratcheting Screwdriver with Bits	<b>343-008 (x3)</b>		

1000 x 550 x 1680 mm

Part N°	€
<b>EXP50</b>	<b>2.732,85</b>

# Point of Sale

## Counter Displays



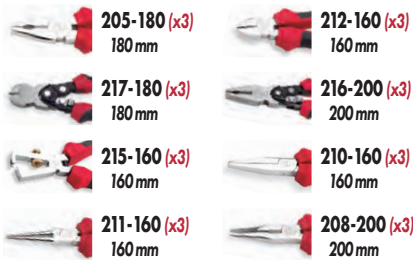
**EXP**

### High Leverage and Professional Pliers

- High leverage



- Professional Series



**30**  
Pcs



400 x 220 x 820 mm

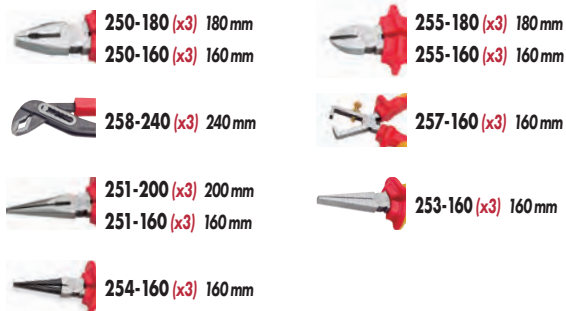
Part N°	€
EXP01	930,42



**EXP**

### Insulated Pliers

- Insulated



**30**  
Pcs



400 x 220 x 820 mm

Part N°	€
EXP02	1.277,25



**EXP**

### Professional Series Screwdrivers

- Professional Series



**104**  
Pcs



400 x 220 x 820 mm

Part N°	€
EXP03	759,83

- Flexible Ratcheting



- Reversible Ratchet








**EXP**

**Insulated Professional Series Screwdrivers**

• Insulated

- |                 |   |                  |                  |                  |                  |                  |                  |
|-----------------|---|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Milled</b>   |  | 360-080-175 (x4) | 360-065-150 (x4) | 360-055-125 (x4) | 360-040-100 (x4) | 360-030-100 (x5) | 360-025-075 (x5) |
| <b>Phillips</b> |  | 361-PH3-150 (x4) | 361-PH2-100 (x4) | 361-PH1-080 (x5) | 361-PH0-060 (x5) |                  |                  |
| <b>Pozidriv</b> |  | 362-PZ3-150 (x4) | 362-PZ2-100 (x4) | 362-PZ1-080 (x5) | 362-PZ0-060 (x5) |                  |                  |
|                 |  | 364-13 (x4)      | 364-10 (x4)      | 364-08 (x4)      | 364-07 (x4)      | 364-06 (x4)      |                  |



**82**  
Pcs



400 x 220 x 820 mm

Part N°	€
<b>EXP04</b>	<b>1.056,61</b>



**EXP**

**Insulated and Professional Series Screwdrivers**

• Insulated

- |                 |   |                  |                  |                  |                  |                  |
|-----------------|---|------------------|------------------|------------------|------------------|------------------|
| <b>Milled</b>   |  | 360-065-150 (x4) | 360-055-125 (x4) | 360-040-100 (x4) | 360-030-100 (x5) | 360-025-075 (x5) |
| <b>Phillips</b> |  | 361-PH2-100 (x4) | 361-PH1-080 (x5) | 361-PH0-060 (x5) |                  |                  |
| <b>Pozidriv</b> |  | 362-PZ2-100 (x4) | 362-PZ1-080 (x5) |                  |                  |                  |



**95**  
Pcs



400 x 220 x 820 mm





Part N°	€
<b>EXP05</b>	<b>715,17</b>



**EXP**

**Industrial and Professional Series Screwdrivers**

• Industrial Series

- |                 |   |                  |                  |                  |
|-----------------|---|------------------|------------------|------------------|
| <b>Milled</b>   |  | 315-080-175 (x4) | 315-065-150 (x4) | 315-055-125 (x5) |
| <b>Stamped</b>  |  | 316-080-175 (x4) | 316-065-150 (x4) | 316-055-125 (x5) |
| <b>Phillips</b> |  | 317-PH3-150 (x4) | 317-PH2-125 (x4) | 317-PH1-100 (x5) |
| <b>Pozidriv</b> |  | 318-PZ2-125 (x4) | 318-PZ1-100 (x4) |                  |



**97**  
Pcs



400 x 220 x 820 mm

Part N°	€
<b>EXP06</b>	<b>724,87</b>





# Point of Sale

## Counter Displays



**EXP**

### Screwdriver Bits

	Milled	Hex
L 25 mm	402-035-10 (x3) 402-045-10 (x3) 402-055-10 (x3)	405-HX030-10 (x3) 405-HX040-10 (x3) 405-HX050-10 (x3)
	Phillips	Pozidriv
L 25 mm	400-PH1-10 (x3) 400-PH2-10 (x3) 400-PH3-10 (x3)	401-PZ1-10 (x3) 401-PZ2-10 (x3) 401-PZ3-10 (x3)
<b>TiN</b>	420-PH1-5 (x3) 420-PH2-5 (x3) 420-PH3-5 (x3)	421-PZ1-5 (x3) 421-PZ2-5 (x3) 421-PZ3-5 (x3)
L 50 mm	410-PH1-10 (x3) 410-PH2-10 (x3) 410-PH3-10 (x3)	411-PZ1-10 (x3) 411-PZ2-10 (x3) 411-PZ3-10 (x3)
	Torx	
L 25 mm	403-T10-10 (x3) 403-T15-10 (x3) 403-T20-10 (x3)	403-T25-10 (x3) 403-T30-10 (x3) 403-T40-10 (x3)

- Magnetic Bit Holder with Ring
 

	443-058 (x3) 1/4"		445-001 (x3) SDS Plus
--	-------------------	--	-----------------------
- Screwdriver Bits Sets
 

438-002 (x3) 32 Pcs	438-001 (x3) 32 Pcs
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**102**  
Boxes

**S2**

400 x 220 x 820 mm

Part N°	€
EXP07	1.636,14



**EXP**

### Professional Series Screwdrivers

- Spanish Adjustable Wrenches
 

	491-300 (x2) 300 mm	491-250 (x3) 250 mm	491-200 (x3) 200 mm	491-150 (x3) 150 mm
--	---------------------	---------------------	---------------------	---------------------
- Professional Adjustable Wrenches
 

	493-250 (x3) 250 mm	493-200 (x3) 200 mm	493-150 (x3) 150 mm
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- Extra Wide Adjustable Wrenches
 

	492-250 (x3) 250 mm	492-200 (x3) 200 mm	492-150 (x3) 150 mm
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- Ratcheting Adjustable Wrenches
 

	496-250 (x2) 250 mm	496-200 (x2) 200 mm	496-150 (x2) 150 mm
--	---------------------	---------------------	---------------------

**35**  
Pcs

**CrV**

400 x 220 x 820 mm

Part N°	€
EXP08	1.315,05



**EXP**

### Knives Cutters

- Screw Locking
 

	789-001 (x10) 18 mm		789-003 (x10) 9 mm
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- Utility Knife
 

	789S-18 (x10) 18 mm		789-09 (x10) 9 mm
--	---------------------	--	-------------------
- Heavy Duty Utility
 

	790-002 (x5)		790-030 (x5)
--	--------------	--	--------------
- Folding Knife
 

	790-010 (x5)
--	--------------

**55**  
Pcs

400 x 220 x 820 mm

Part N°	€
EXP11	608,12



**EXP**

Hexagonal Sockets

**204**

Pcs

CrV

• Hexagonal sockets

- 3/4" 549-19 (x2) 549-22 (x2) 549-24 (x2) 549-27 (x2) 549-30 (x2) 549-32 (x2)  
 549-33 (x2) 549-34 (x2) 549-35 (x2) 549-36 (x2) 549-38 (x2) 549-40 (x2)  
 549-41 (x2) 549-42 (x2) 549-46 (x2) 549-50 (x2) 549-55 (x2) 549-60 (x2)

• Ratchet handle



554-001 (x2)  
500 mm · 3/4"

• Universal Joint



553-009 (x2)  
3/4"

• Sliding "T" Handle



553-014 (x2)  
150 mm · 3/4"

• Extension



553-005 (x2)  
200 mm · 3/4"

• Reducing Adaptors

- 3/4" ▶ 553-012 (x2) ◀ 1/2" 1" ▶ 559-012 (x2) ◀ 3/4"

• Increasing Adaptor

- 3/4" ▶ 553-011 (x2) ◀ 1"



428 x 355 x 320 mm



Sockets	Part N°	€
Hexagonal	EXP22	2.055,08

# Point of Sale

Accessories for Store Displays



**EXP**

Flat shelf for display



1000 x 350 mm

Part N°	€
BAND-ESP-2	61,88

**EXP**

Corner flat shelf for display



1000-340 x 400 mm

Part N°	€
ESQBAND-ESP-2	61,88

**EXP**

Shelf with Drawer for Display



1000 x 350 x 100 mm

Part N°	€
CAJON-ESP-2	125,79

**EXP**

Draw Divider



350 x 90

Part N°	€
SEPARADORCAJON350X90	6,75

1000 x 90

Part N°	€
SEPARADCAJON1000X90	12,19

**EXP**

Hook for Scrapers



Part N°	€
GANCHO-PALETAS	21,17

**EXP**

Hook for Pliers



Part N°	€
GANCHO-ALIC	4,99

**EXP**

Display hooks



L mm	Part N°	€
200	GANCHO-6	2,30
200	GANCHO-6PORT	4,34
200	GANCHO-8	2,30

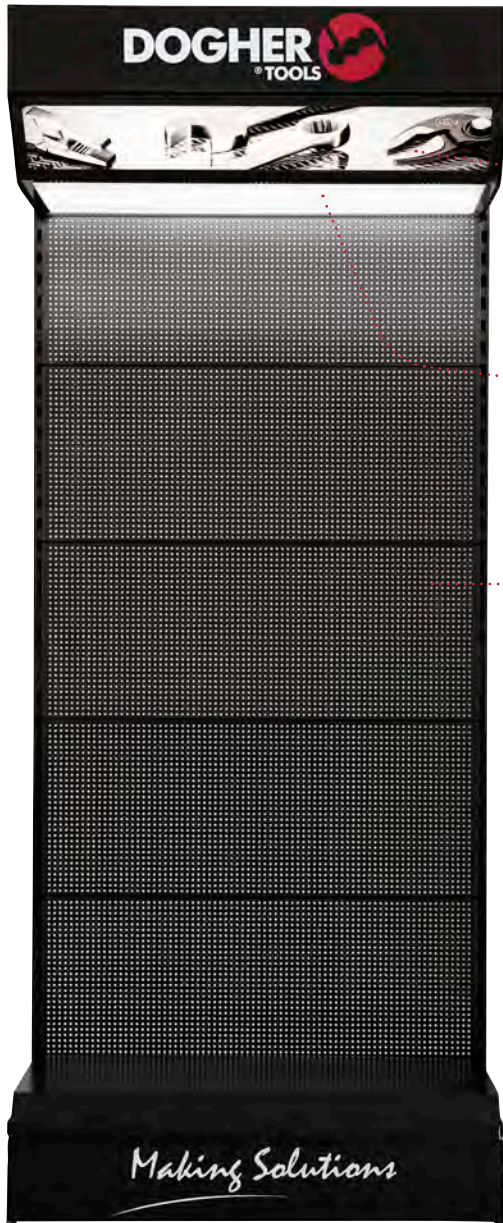


**EXP**

High standing display

**EXP**

Corner High standing display



**ILLUMINATED FRONT DISPLAY**

Fast identification of the DOGHER TOOLS section.

**VERTICAL LIGHTING**

Light the products inside the display.

**LARGE STORAGE CAPACITY**

1900x1000 mm drilled sheet for product emplacement.



1000 x 550 x 2.480 mm

Part N°	€
ESP-DOGHER-2	979,65

1000-320 x 550 x 2.480 mm

Part N°	€
ESQ-DOGHER-2	750,02



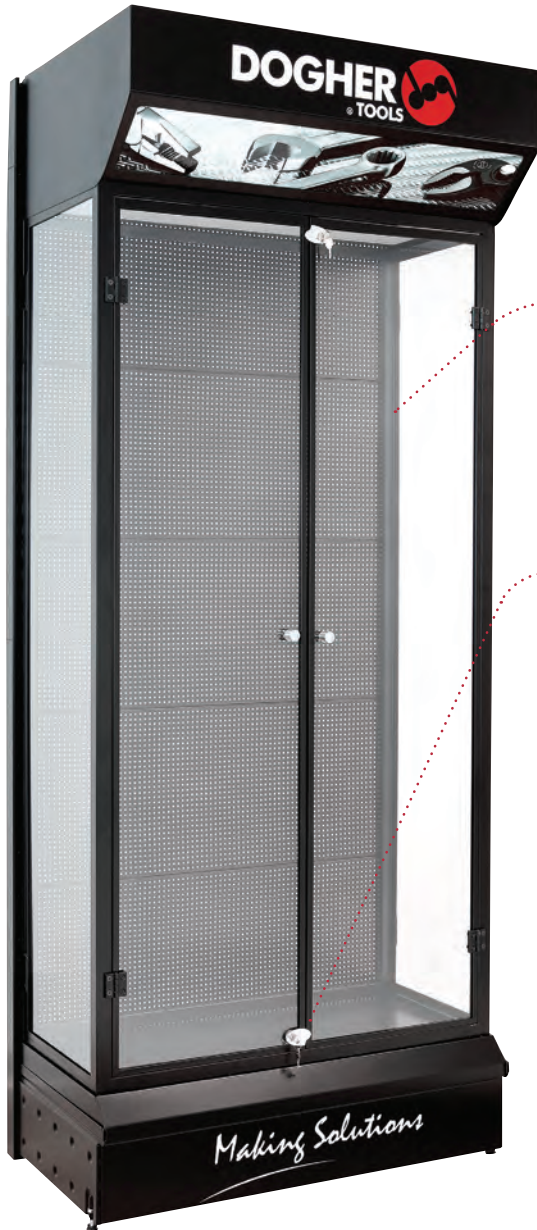
# Point of Sale

Accessories for Store Displays



EXP

Display case for stand



**HIGH RESISTANCE METHACRYLATE**  
The low display is closed with methacrylate on top.

**SECURE THE PRODUCTS**  
Double lock and key.

1000 x 400 x 1150 mm

Part N°	€
VITRINABAJA-DOGHER-2	746,37

Display not included

1000 x 400 x 1900 mm

Part N°	€
VITRINA-DOGHER-2	955,15

Display not included

**EXP**

Low standing display

● **ONE OR DOUBLE LOW DISPLAY**

The double low display allows the implementation of aisles or corridors to maximize the available space.

1000 x 550 x 1680 mm

Sides	Part N°	€
One side	ESPBAJO1-DOGHER-2	502,87
Double	ESPBAJO2-DOGHER-2	817,52



● One side

● Double



**EXP**

High display column

300 x 550 x 2480 mm

Part N°	€
COLUMNA-DOGHER-2	403,65



**EXP**

Corner High display column

1000-320 x 550 2480 mm

Part N°	€
ESQCOLUMNA-DOGHER-2	449,98

# Reference index

References - page



Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
010-080	25	051-008	39	080-023	157	221X-155	76	269-300	89	293-750	103	296R-032	113	322-040-125	135	337-PZ0-075	133
010-1/2	19	051-009	39	200-080	20	221X-180	76	269-400	89	293-900	103	296R-132	114	322-045-125	135	337-PZ0-200	133
010-1/3	19	051-010	41	200-160	66	221X-220	76	270-150	91	294-210	104	300-001	124	322-050-125	135	337-PZ1-025	133
011-1/2	19	051-015	45	200-160J	67	221X-300	76	270-200	91	295-001	105	300-002	124	322-055-125	135	337-PZ1-100	133
011-1/3	19	051-016	44	200-180	66	222-155	78	270-300	91	295-002	105	300-020J	122	322-060-125	135	337-PZ1-250	133
013-010	13	051-020	46	200-200	66	222-180	78	271-225	91	295-003	104	300-025-100	122	322-070-125	135	337-PZ2-025	133
013-011	13	051-020L	46	201-160	66	222-220	78	271-250	91	295-004	105	300-030-100	122	322-080-125	135	337-PZ2-125	133
013-012	13	051-150R	45	201-160J	67	222-300	78	271-280	91	295-005	105	300-035-100	122	322-090-125	135	337-PZ2-300	133
013-013	10	051-153R	45	201-180	66	222X-140	76	272-225	91	295-006	105	300-040-125	122	322-1/2	135	337-PZ3-150	133
013-014	10	051-154R	45	202-160	66	222X-155	76	272-250	91	295-007	106	300-050-125	122	322-1/4	135	340-001	141
013-021	11	051-155R	45	202-200	66	222X-180	76	272-280	91	295-008	104	300-060-150	122	322-100-125	135	340-T04	134
013-022	11	051-156R	45	205-080	20	222X-220	76	273-160	91	295-009	104	300-080	21	322-11/32	135	340-T05	134
013-023	11	051-157R	45	205-081	26	222X-300	76	273-180	91	295-010	106	300-081	21	322-110-125	135	340-T06	134
013-024	11	051-160C	44	205-130	68	223-155	78	273-200	91	295-011	106	301-PH0-075	122	322-120-125	135	340-T07	134
013-025	11	051-160R	44	205-160	68	223-180	78	273-250	91	295-012	106	301-PH1-100	122	322-130-125	135	340-T08	134
014-1	34	051-161R	44	205-160J	71	223-220	78	274-250	95	295-013	106	301-PH2-125	122	322-3/16	135	340-T09	134
014-1/2	34	051-162R	44	205-180	68	223-300	78	275-005	94	295-014	106	301-PH2-300	123	322-3/8	135	340-T10	134
014-1/3	34	051-163R	44	205-200	68	223X-140	76	275-010	94	295-021	104	301-PH3-150	122	322-5/16	135	340-T15	134
014-1/4	34	051-164R	44	205P-160	72	223X-155	76	275-010J	94	296-001	108	301-PH3-300	123	322-7/16	135	340-T20	134
025-005	12	051-165R	44	205P-180	72	223X-180	76	275-050	98	296-003	108	302-PZ0-075	123	323-R1	128	340-T25	134
025-006	12	051-166R	44	205P-200	72	223X-220	76	275-175	93	296-004	11	302-PZ1-100	123	323-R2	128	340-T27	134
025-007	12	051-167R	44	206-160	68	223X-300	76	275-250	93	296-004J	110	302-PZ2-125	123	323-R3	128	340-T30	134
025-008	13	051-168R	44	206-180	68	225-080	20	275-250J	93	296-005	111	302-PZ3-150	123	330-001	140	340-T40	134
025-012	13	051-169R	44	206-200	68	225-125	81	275F-010	100	296-006	109	303-001	125	330-002	140	340-T50	134
025-014	8	051-500	38	207-200	73	226-125	81	275F-010J	100	296-006F	109	303-080	21	330-003	140	341-TS10	134
025-015	9	051-510	41	207-225	73	227-125	81	275F-011	100	296-006J	109	303-T06	123	330-004	140	341-TS15	134
025-016	9	051-511	42	208-140	69	228-125	81	275F-012	100	296-007	109	303-T07	123	330-009	130	341-TS20	134
025-017	10	051-512	43	208-160	69	229-125	82	275F-013	100	296-008	107	303-T08	123	330-020J	131	341-TS25	134
025-019	10	051-520	46	208-200	69	230-125	82	275F-080	32	296-008J	107	303-T09	123	330-021J	131	341-TS27	134
025-028	36	052-002	52	208P-160	72	231-125	82	276-080	20	296-009	107	303-T10	123	330-025-075	130	341-TS30	134
025-029	36	052-003	52	209-160	69	237-080	20	276-125	92	296-009J	107	303-T15	123	330-030-075	130	341-TS40	134
025-092	11	052-005	52	209-200	69	237-125	83	276-175	92	296-010	107	303-T20	123	330-040-075	130	341-TS45	134
025-093	11	052-006	52	209P-160	72	238-125	83	276-250	92	296-010J	107	303-T25	123	330-040-100	130	342-HR050-100	134
025-094	11	052-007	53	210-002	71	239-125	83	276P-125	92	296-011	108	303-T27	123	330-050	134	342-HR060-125	134
025-095	11	052-008	53	210-160	69	240-125	83	276P-175	92	296-021	112	303-T30	123	330-055-100	130	342-HR080-150	134
025-096	13	052-009	53	210P-160	72	241-125	83	276P-250	92	296-022	112	303-T40	123	330-055-125	130	343-001	135
025-097	13	052-010	53	211-160	69	242-125	84	277-010	94	296-023	112	303-T45	123	330-065-125	130	343-002	136
025-206	12	052-011	53	211P-160	72	243-125	84	277-175	95	296-024	112	303-T50	123	330-065-150	130	343-003	139
025-500	17	052-012	53	212-130	68	244-125	84	277-250	95	296-025	111	315-001	129	330-080	22	343-004	136
025-501	17	052-013	54	212-160	68	245-125	84	277P-175	92	296-026	111	315-002	129	330-080-150	130	343-005	136
025-502	17	052-014	54	212-160J	71	250-002	87	277P-250	92	296-031	113	315-020J	127	330-080-175	130	343-006	136
025-503	17	052-016	54	212-180	68	250-080	20	278-150	95	296-032	113	315-055-125	126	330-081	22	343-007	137
025-504	17	052-018	54	212FP-160	73	250-081	26	278-225	95	296-050	115	315-065-150	126	330-082	26	343-007J	137
025-505	17	052-019	54	212FP-180	73	250-160	85	279-225	96	296-050R	115	315-080	21	330-083	26	343-008	140
025-550	15	075-001	57	212P-160	73	250-160J	87	279-275	96	296-051	115	315-080-175	126	330-084	26	343-008J	140
025-551	15	075-002	56	212P-180	73	250-180	85	280-275	96	296-052	115	315-081	21	330-085	22	343-020	139
025-557	14	075-006	56	214-160	70	250-200	85	281-450	96	296-053	115	315-100-200	126	330-100-200	130	343-021	139
025-560	15	075-007	56	214-180	70	251-160	85	282-150	97	296-054	115	316-055-125	126	330-101	138	343-026	139
025-561	15	075-009	58	214-200	70	251-200	85	282-275	97	296-055	120	316-065-150	126	330-111	138	345-030-075	147
025-562	15	075-010	58	215-160	70	252-160	85	282-600	97	296-056	120	316-080-175	126	330-121	138	345-040-075	147
025-563	15	075-011	56	216-200	70	252-200	85	283-150	97	296-057	120	316-100-200	126	330-131	138	345-040-100	147
025-564	15	075-013	57	217-180	70	253-160	86	283-275	97	296-058	120	317-PH1-100	126	330-141	138	345-055-100	147
025-565	14	075-014	55	220-001	80	254-160	86	283-450	97	296-059	120	317-PH2-125	126	330-151	138	345-055-125	147
025-567	14	075-015	58	220-002	79	255-160	85	283-600	97	296-060	118	317-PH3-150	126	330-161	138	345-065-125	147
025-569	14	075-016	57	220-003	79	255-160J	87	284-200	97	296-061	116	317-PH4-200	126	331-001	130	345-080-150	147
026-001	49	075-017	55	220-010	79	255-180	85	285-250	101	296-062	116	318-PZ1-100	126	331-025-075	130	345-080-175	147
026-002	49	075-018	55	220-011	80	256-160	86	285-45-135	102	296-063	116	318-PZ2-125	126	331-030-075	130	345-100-200	147
026-003	49	075-019	55	220-012	80	256-180	86	285-45-135C	102	296-064	117	318-PZ3-150	126	331-030-100	130	346-025-075	147
026-005	49	075-021	57	220-013	80	256-200	86	286-250	102	296-065	116	318-PZ4-200	126	331-030-200	131	346-030-075	147
026-500	48	075-023	63	220-014	80	257-160	86	287-250	101	296-066	117	319-001	127	331-035-100	130	346-030-100	147
027-001	37	075-028	64	220-080	20	258-240	87	288-250	102	296-067	118	319-TS07	127	331-040-100	130	346-030-200	147
027-004	37	075-030	64	220-155	78	260-001	111	289-250	101	296-068	118	319-TS08	127	331-040-125	130	346-035-100	147
028-001	52	075-030J	64	220-180	78	260-002	111	290-300	102	296-070	118	319-TS09	127	331-040-250	131	346-040-100	147
028-002	51	076-001	62	220-220	78	260-003	111	291-300	101	296-071	119	319-TS10	127	331-055-025	131	346-040-125	147
028-003	51	076-002	62	220-300	78	262-250	106	292-060	104	296-075	119	319-TS15	127	331-055-125	130	346-040	



Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
347-PH3-150	148	362-P22-100	154	386-055	144	403-T40-2	168	420-PH3-5	174	435-HX4	179	440-120	183	450-41-46	192	451-26	196	453-06-07	208
347-PH4-200	148	362-P23-150	154	386-060	144	404-TS10-10	167	421-PZ1-2	174	435-HX5	179	440-130	183	450-46-50	192	451-27	196	453-080	27
348-PZ0-075	149	363-PHF1	154	387-050-100	161	404-TS15-10	167	421-PZ1-5	174	435-HX6	179	440-3/8	183	450-5/16-3/8	192	451-28	196	453-08-09	208
348-PZ0-200	149	363-PHF2	154	387-050-125	161	404-TS20-10	167	421-PZ2-2	174	435-HX8	179	440-5/16	183	450-5/8-11/16	192	451-29	196	453-08-10	208
348-PZ1-025	149	364-001	155	387-060-150	161	404-TS25-10	167	421-PZ2-5	174	436-XZN10	179	441-001	183	450-7/16-1/2	192	451-3	196	453-1.1/16-1.1/4	208
348-PZ1-100	149	364-004	154	387-060-200	161	404-TS27-10	167	421-PZ3-2	174	436-XZN10-75	179	441-005	183	450-9/16-5/8	192	451-3/4	196	453-1.1/8-1.1/4	208
348-PZ1-250	149	364-005	154	387-080-150	161	404-TS30-10	167	421-PZ3-5	174	436-XZN8	179	441-060	183	451-001	197	451-3/8	196	453-1/2-9/16	208
348-PZ2-025	149	364-006	154	387-080-200	161	404-TS40-10	167	422-045-5	174	436-XZN8-75	179	441-070	183	451-001V	197	451-30	196	453-1/4-5/16	208
348-PZ2-125	149	364-007	154	388-PHO-075	161	405-HX015-10	168	422-055-5	174	437-HX10	180	441-080	183	451-002	197	451-32	196	453-10-11	208
348-PZ2-300	149	364-008	154	388-PHI-100	161	405-HX020-10	168	422-065-5	174	437-HX10-115	181	441-100	183	451-002V	197	451-33	196	453-10-12	208
348-PZ3-150	149	364-009	154	388-PH2-125	161	405-HX025-10	168	423-T10-2	174	437-HX10-75	181	441-110	183	451-003	197	451-34	196	453-1.1.1/8	208
349-T04	149	364-10	154	388-PH3-150	161	405-HX030-10	168	423-T10-5	174	437-HX12	180	441-120	183	451-003V	197	451-35	196	453-11/16-3/4	208
349-T05	149	364-11	154	390-001	163	405-HX040-10	168	423-T15-2	174	437-HX12-75	181	441-130	183	451-004	197	451-36	196	453-12-13	208
349-T06	149	364-12	154	390-002	163	405-HX050-10	168	423-T15-5	174	437-HX4	180	443-001	185	451-004V	197	451-38	196	453-12-14	208
349-T07	149	364-13	154	390-010-050	162	405-HX060-10	168	423-T20-2	174	437-HX4-75	181	443-002	175	451-005	198	451-41	196	453-13/16-7/8	208
349-T08	149	365-001	160	390-012-050	162	405-HX080-10	168	423-T20-5	174	437-HX5	180	443-050	184	451-005V	198	451-43	196	453-13-15	208
349-T09	149	365-002	160	390-015-050	162	405-HX100-10	168	423-T25-2	174	437-HX5-75	181	443-058	184	451-006	198	451-46	196	453-13-17	208
349-T10	149	365-015-065	159	390-018-050	162	406-R1-10	168	423-T25-5	174	437-HX6	180	443-074	184	451-006V	198	451-48	196	453-14-15	208
349-T15	149	365-020-065	159	390-020-050	162	406-R2-10	168	423-T27-5	174	437-HX6-75	181	443-100	184	451-007	198	451-5/16	196	453-15/16-1	208
349-T20	149	365-025-065	159	390-024-050	162	406-R3-10	168	423-T30-2	174	437-HX7	180	443-200	184	451-007V	198	451-5/8	196	453-16-17	208
349-T25	149	365-030-065	159	390-030-050	162	410-PH1-10	169	423-T30-5	174	437-HX7-75	181	444-001	185	451-008	198	451-50	196	453-17-19	208
349-T27	149	366-PHO0-065	159	390-035-050	162	410-PH1-2	169	423-T40-2	174	437-HX8	180	445-001	184	451-008V	198	451-55	196	453-18-19	208
349-T30	149	366-PHO-065	159	391-PHO00-050	162	410-PH2-10	169	423-T40-5	174	437-HX8-75	181	450-001	193	451-009	199	451-58	196	453-19-22	208
349-T40	149	366-PH1-065	159	391-PHO0-050	162	410-PH2-2	169	425-PH2-2	176	437-R10	180	450-001V	193	451-009V	199	451-60	196	453-20-22	208
349-T50	149	367-035-100	153	391-PHO-050	162	410-PH3-10	169	425-PH2-5	176	437-R8	180	450-002	193	451-014	200	451-65	196	453-21-23	208
351-001	152	367-040-100	153	392-PZ0-050	162	410-PH3-2	169	425-PH3-2	176	437-RIBE10	180	450-002V	193	451-015	200	451-7/16	196	453-22-24	208
351-002	152	367-055-125	153	393-TS05	163	410-PH4-10	169	425-PH3-5	176	437-RIBE10-75	181	450-003	193	451-016	200	451-7/32	196	453-24-26	208
351-030-100	150	367-PH1-080	153	393-TS06	163	411-PZ1-10	169	425-PZ2-2	176	437-RIBE12	180	450-003V	193	451-018	200	451-7/8	196	453-24-27	208
351-030-200	150	367-PH2-100	153	394-HR007	163	411-PZ1-2	169	425-PZ2-5	176	437-RIBE12-75	181	450-004	193	451-020	200	451-70	196	453-25-28	208
351-040-125	150	375-001	142	394-HR009	163	411-PZ2-10	169	425-PZ3-2	176	437-RIBE14	180	450-004V	193	451-022	200	451-75	196	453-27-29	208
351-040-250	150	375-005	142	394-HR013	163	411-PZ2-2	169	425-PZ3-5	176	437-RIBE14-75	181	450-011V	194	451-035	199	451-80	196	453-27-30	208
351-055-150	150	375-055-100	142	394-HR015	163	411-PZ3-10	169	426-PH2-5	176	437-RIBE6	180	450-013V	194	451-036	199	451-85	196	453-3/8-7/16	208
351-055-300	150	375-065-125	142	394-HR020	163	411-PZ3-2	169	426-PH3-5	176	437-RIBE6-75	181	450-015V	194	451-038	199	451-9/16	196	453-30-32	208
351-065-150	150	375-080-150	142	396-001	164	411-PZ4-10	169	426-PZ2-5	176	437-RIBE7	180	450-016	194	451-04	196	451-9/32	196	453-32-36	208
351-065-300	150	375-100-175	142	396-002	164	412-030-10	169	426-PZ3-5	176	437-RIBE7-75	181	450-017V	194	451-05,5	196	451-90	196	453-36-41	208
351-080	22	376-PH1-100	142	398-001	164	412-035-10	169	427-PH2-2	175	437-RIBE8	180	450-018	194	451-06	196	451-95	196	453-41-46	208
351-081	22	376-PH2-125	142	399-TW0	144	412-040-10	169	427-PH2-5	175	437-RIBE8-75	181	450-020	194	451-07	196	452-100	240	453-46-50	208
352-PHO-075	151	376-PH3-150	142	399-TW00	144	412-045-10	169	427-PH3-2	175	437-RIBE9	180	450-022	194	451-08	196	452-105	240	453-5/16-3/8	208
352-PHO-200	151	376-PH4-200	142	399-TW000	144	412-050-10	169	427-PH3-5	175	437-RIBE9-75	181	450-024	194	451-080	23	452-110	240	453-5/8-11/16	208
352-PH1-100	151	377-PZ1-100	142	399-TW1	144	412-055-10	169	427-PZ2-2	175	437-RIB20	180	450-035	195	451-081	27	452-115	240	453-7/16-1/2	208
352-PH1-250	151	377-PZ2-125	142	400-001	166	412-060-10	169	427-PZ2-5	175	437-T20-75	181	450-036	195	451-082	27	452-120	240	453-7/8-15/16	208
352-PH2-125	151	377-PZ3-150	142	400-001J	167	412-065-10	169	427-PZ3-2	175	437-T25	180	450-038	195	451-083	27	452-125	240	453-9/16-5/8	208
352-PH2-300	151	380-001	145	400-002J	167	412-080-10	169	427-PZ3-5	175	437-T25-75	181	450-04,5-05,5	192	451-09	196	452-130	240	454-001	206
352-PH3-150	151	380-002	145	400-003J	167	413-T05-10	169	427-T10-2	175	437-T30	180	450-04-05	192	451-1	196	452-135	240	454-001V	206
353-PZ0-075	151	380-003	145	400-004J	167	413-T06-10	169	427-T10-5	175	437-T30-75	181	450-05,5-07	192	451-1.1/16	196	452-140	240	454-002	206
353-PZ1-100	151	380-004	146	400-PH0-10	166	413-T07-10	169	427-T15-2	175	437-T40	180	450-05,05,5	192	451-1.1/2	196	452-145	240	454-002V	206
353-PZ1-250	151	380-004J	146	400-PH1-10	166	413-T08-10	169	427-T15-5	175	437-T40-75	181	450-06-07	192	451-1.1/4	196	452-150	240	454-003	206
353-PZ2-125	151	380-005	146	400-PH1-2	166	413-T09-10	169	427-T20-2	175	437-T45	180	450-07-08	192	451-1/8	196	452-155	240	454-003V	206
353-PZ2-300	151	380-010-050	143	400-PH2-10	166	413-T10-10	169	427-T20-5	175	437-T45-75	181	450-080	23	451-1.11/16	196	452-160	240	454-016	205
353-PZ3-150	151	380-012-050	143	400-PH2-2	166	413-T10-2	169	427-T25-2	175	437-T50	180	450-08-09	192	451-1.13/16	196	452-165	240	454-018	205
354-T06	150	380-015-050	143	400-PH3-10	166	413-T15-10	169	427-T25-5	175	437-T50-75	181	450-081	27	451-1.3/4	196	452-17	240	454-020	205
354-T07	150	380-018-050	143	400-PH3-2	166	413-T15-2	169	427-T30-2	175	437-T55	180	450-08-10	192	451-1.3/8	196	452-170	240	454-022	205
354-T08	150	380-020-050	143	400-PH4-10	166	413-T20-10	169	427-T30-5	175	437-T55-115	181	450-082	27	451-1.5/16	196	452-175	240	454-06-07	204
354-T09	150	380-025-050	143	401-001	166	413-T20-2	169	427-T40-2	175	437-T55-75	181	450-1.1/16-1.1/4	192	451-1.5/8	196	452-180	240	454-080	23
354-T10	150	380-030-050	143	401-PZ0-10	166	413-T25-10	169	427-T40-5	175	437-XZN10	180	450-1/2-9/16	192	451-1.7/16	196	452-19	240	454-08-09	204
354-T15	150	380-035-050	143	401-PZ1-10	166	413-T25-2	169	428-PH2-5	177	437-XZN10-75	181	450-1/4-5/16	192	451-1.7/8	196	452-22	240	454-1	





Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
532-13	274	539-PH1	276	548-34	300	558-001	305	565-12	307	571-32	310	578-16	315	580-14	317	585-36	318	591-135	322		
532-14	274	539-PH2	276	548-35	300	558-1.13/16	304	565-13	307	571-33	310	578-17	315	580-17	317	585-38	318	591-140	322		
532-15	274	539-PH3	276	548-36	300	558-1.5/8	304	565-14	307	571-34	310	578-18	315	580-19	317	585-40	318	591-145	322		
532-16	274	540-PZ1	276	548-38	300	558-1.7/8	304	565-15	307	571-36	310	578-19	315	580-22	317	585-41	318	591-150	322		
532-17	274	540-PZ2	276	548-40	300	558-2	304	565-16	307	572-080	30	578-20	315	580-24	317	585-42	318	591-155	322		
532-18	274	540-PZ3	276	548-41	300	558-2.1/2	304	565-17	307	572-T10	309	578-21	315	582-17	315	585-46	318	591-160	322		
532-19	274	541-08X100	278	548-42	300	558-2.1/4	304	565-18	307	572-T12	309	578-22	315	582-18	315	585-50	318	591-165	322		
532-20	274	541-10X100	278	548-46	300	558-2.1/8	304	565-19	307	572-T14	309	578-23	315	582-19	315	585-55	318	591-170	322		
532-21	274	541-12X100	278	548-48	300	558-2.15/16	304	565-20	307	572-T16	309	578-24	315	582-21	315	585-60	318	591-175	322		
532-22	274	542-T40X120	278	548-50	300	558-2.3/16	304	565-21	307	572-T18	309	578-25	315	582-22	315	585-65	318	591-180	322		
532-23	274	542-T45X120	278	548-55	300	558-2.3/4	304	565-22	307	572-T20	309	578-26	315	582-23	315	585-70	318	591-185	322		
532-24	274	542-T50X120	278	548-60	300	558-2.3/8	304	565-23	307	572-T24	309	578-27	315	582-24	315	585-75	318	591-190	322		
532-25	274	542-T55X120	278	549-001	303	558-2.5/8	304	565-24	307	573-05	312	578-28	315	582-25	315	585-80	318	591-2.1/16	322		
532-26	274	542-T70X140	278	549-002	303	558-3	304	566-08	307	573-06	312	578-29	315	582-26	315	585-85	318	591-2.1/2	322		
532-27	274	543-002	279	549-1	299	558-3.1/8	304	566-10	307	573-08	312	578-30	315	582-27	315	585-90	318	591-2.11/16	322		
532-28	274	543-003	279	549-1.1/16	299	558-36	304	566-11	307	573-10	312	578-32	315	582-28	315	585-95	318	591-2.13/16	322		
532-29	274	543-005	279	549-1.1/2	299	558-41	304	566-12	307	573-12	312	578-33	315	582-29	315	585-22	319	591-2.3/16	322		
532-30	274	543-006	279	549-1.1/4	299	558-46	304	566-13	307	573-14	312	578-34	315	582-30	315	586-24	319	591-2.3/8	322		
532-32	274	543-007	279	549-1.1/8	299	558-50	304	566-14	307	573-17	312	578-35	315	582-32	315	586-27	319	591-200	322		
533-T10	275	543-008	279	549-1.1/16	299	558-54	304	566-16	307	573-19	312	578-36	315	582-33	315	586-30	319	591-210	322		
533-T11	275	543-009	279	549-1.13/16	299	558-55	304	566-17	307	574-T25	312	578-37	315	582-34	315	586-32	319	591-215	322		
533-T12	275	543-010	279	549-1.3/16	299	558-58	304	566-19	307	574-T27	312	578-38	315	582-35	315	586-33	319	591-225	322		
533-T14	275	543-011	279	549-1.3/4	299	558-60	304	570-051	314	574-T30	312	578-39	315	582-36	315	586-34	319	591-235	322		
533-T16	275	543-012	279	549-1.3/8	299	558-63	304	570-071	314	574-T40	312	578-40	315	582-37	315	586-36	319	591-3.1/16	322		
533-T18	275	543-013	280	549-1.5/16	299	558-65	304	570-08	309	574-T45	312	578-41	315	582-38	315	586-38	319	591-3.1/2	322		
533-T20	275	543-014	280	549-1.5/8	299	558-67	304	570-080	29	574-T50	312	578-42	315	582-39	315	586-41	319	591-3.1/4	322		
533-T22	275	543-015	280	549-1.7/16	299	558-70	304	570-09	309	574-T55	312	578-43	315	582-40	315	586-46	319	591-3.1/8	322		
533-T24	275	543-016	280	549-1.7/8	299	558-71	304	570-1	309	574-T60	312	578-44	315	582-41	315	586-50	319	591-3.11/16	322		
534-04	277	543-017	280	549-15/16	299	558-75	304	570-1.1/4	309	575-001	311	578-45	315	582-42	315	586-55	319	591-3.13/16	322		
534-05	277	543-018	281	549-19	299	558-77	304	570-1.1/8	309	575-17	311	578-46	315	582-43	315	586-60	319	591-3.3/16	322		
534-051	286	543-019	279	549-2	299	558-80	304	570-1/2	309	575-19	311	578-47	315	582-44	315	587-17	319	591-3.5/16	322		
534-052	287	543-020	281	549-21	299	559-005	305	570-10	309	575-21	311	578-48	315	582-45	315	587-19	319	591-3.5/8	322		
534-06	277	543-025	281	549-22	299	559-006	305	570-11	309	576-051	314	578-49	315	582-46	315	587-22	319	591-3.7/16	322		
534-07	277	543-026	281	549-23	299	559-012	304	570-11/16	309	576-071	314	578-50	315	582-47	315	587-27	319	591-3.7/8	322		
534-08	277	543-027	281	549-24	299	559-014	305	570-12	309	576-08	309	578-52	315	582-48	315	588-19	318	591-3.9/16	322		
534-080	25	543-028	281	549-25	299	559-015	305	570-13	309	576-09	309	578-54	315	582-49	315	588-20	318	591-4	322		
534-1/2	277	543-029	279	549-26	299	559-017	305	570-13/16	309	576-10	309	578-55	315	582-50	315	588-21	318	591-4.1/16	322		
534-1/4	277	543-030	279	549-27	299	560-001	305	570-14	309	576-11	309	578-56	315	582-52	315	588-22	318	591-4.3/16	322		
534-10	277	543-035	279	549-28	299	561-05	306	570-15	309	576-12	309	578-57	315	582-54	315	588-24	318	591-41	322		
534-12	277	544-001	282	549-29	299	561-06	306	570-15/16	309	576-13	309	578-58	315	582-55	315	588-27	318	591-42	322		
534-14	277	544-001R	282	549-30	299	561-07	306	570-16	309	576-14	309	578-59	315	582-56	315	588-28	318	591-43	322		
534-17	277	544-002	283	549-32	299	561-08	306	570-17	309	576-15	309	578-60	315	582-57	315	588-29	318	591-44	322		
534-19	277	544-003	283	549-33	299	561-09	306	570-18	309	576-16	309	578-61	315	582-58	315	588-30	318	591-45	322		
534-17/32	277	544-004	283	549-34	299	561-10	306	570-19	309	576-17	309	579-001	317	582-59	315	588-32	318	591-46	322		
534-19/32	277	544-005	282	549-35	299	561-11	306	570-20	309	576-18	309	579-13	316	582-60	315	588-33	318	591-47	322		
534-3/16	277	544-006	282	549-36	299	561-13	306	570-21	309	576-19	309	579-14	316	583-14	316	588-34	318	591-48	322		
534-3/8	277	544-009	326	549-38	299	561-14	306	570-22	309	576-20	309	579-15	316	583-16	316	588-36	318	591-49	322		
534-5/16	277	544-011	364	549-40	299	561-15	306	570-23	309	576-21	309	579-16	316	583-17	316	588-38	318	591-50	322		
534-5/8	277	544-022	364	549-41	299	561-15	306	570-24	309	576-22	309	579-17	316	583-18	316	588-40	318	591-51	322		
534-7/16	277	545-022	275	549-42	299	561-16	306	570-25	309	576-23	309	579-18	316	583-19	316	588-41	318	591-52	322		
534-9/16	277	545-033	275	549-44	299	561-17	306	570-26	309	576-24	309	579-19	316	583-21	316	588-42	318	591-54	322		
535-05	278	545-16	275	549-46	299	561-18	306	570-27	309	576-25	309	579-20	316	583-22	316	588-46	318	591-55	322		
535-06	278	545-21	275	549-48	299	561-19	306	570-28	309	576-26	309	579-21	316	583-23	316	588-50	318	591-56	322		
535-08	278	546-051	284	549-50	299	561-10	306	570-29	309	576-27	309	579-22	316	583-24	316	588-55	318	591-57	322		
535-10	278	546-061	285	549-55	299	561-11	306	570-3/4	309	576-28	309	579-23	316	583-26	316	588-60	318	591-58	322		
535-12	278	546-062	286	549-60	299	561-12	306	570-3/8	309	576-29	309	579-24	316	583-27	316	590-100	321	591-59	322		
535-14	278	546-08	273	553-003	300	561-13	306	570-30	309	576-30	309	579-25	316	583-28	316	590-105	321	591-60	322		
535-16	278	546-09	273	553-005	300	561-14	306	570-32	309	576-32	309	579-26	316	583-29	316	590-110	321	591-61	322		
536-051	287	546-10	273	553-006	300	561-15	306	570-33	309	576											



Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
592-185	323	600-3/8	328	607-05	331	620-TS09	342	635-20-100	354	638-04-20	354	673-250	363	718-400	377	745-08-10	391	763-207	389
592-190	323	600-30	328	607-06	331	620-TS10	342	636-001	352	638-20-100	354	673-300	363	718-650	377	746-001	390	763-208	389
592-200	323	600-32	328	607-079	333	620-TS15	342	636-04-20	352	638-40-210	354	673-350	363	719-400	377	746-002	390	763-210	389
592-210	323	600-36	328	607-079J	333	620-TS20	342	636-07	352	638-60-360	354	675-03-16	367	719-650	377	746-02-10	390	763-212	389
592-215	323	600-38	328	607-08	331	620-TS25	342	636-07X	352	640-001	354	675-03-16AC	368	719H-330	377	746-03-10	390	771-03	401
592-225	323	600-41	328	607-10	331	620-TS27	342	636-08	352	642-0-4-2	357	675-03-28	366	721-2500	378	746-04-10	390	771-05	401
592-235	323	600-5/16	328	607-12	331	620-TS30	342	636-08X	352	643-0-1-1,2	357	675-03-32	366	721-3000	378	746-05-10	390	772-03	401
592-4	323	600-5/32	328	607-14	331	620-TS40	342	636-09	352	643-0-4-2	357	675-03-41	366	722H-900	378	746-06-10	390	772-05	401
592-4.1/16	323	600-5/64	328	608-009	336	620-TS45	342	636-09X	352	643-1-3,5	357	675-04AC	368	723H-900	378	746-07-12	390	775-03	402
592-4.3/16	323	600-5/8	328	608-109	334	620-TS50	342	636-1/2	352	645-001	355	675-04HSS	368	724-1000	378	746-08-12	390	775-05	402
594-001	308	600-7/16	328	608-106	329	620-TS55	342	636-1/4	352	645-002	355	675-06-65	367	724-500	378	746-10-12	390	775-08	402
594-002	313	600-7/32	328	608-107	329	621-001	346	636-10	352	645-003	356	675-06-65AC	368	724-700	378	747-04-10	390	776-03	402
594-003	317	601-01,5	331	608-108	329	621-04	342	636-10X	352	645-006	356	675-06-65HSS	368	724H-1000	378	747-06-10	390	776-05	402
594-004	320	601-02	331	608-109	329	621-05	342	636-11	352	646-001	357	676-10	367	724H-500	378	748-02-10	391	776-08	402
594-005	308	601-03	331	608-110	329	621-05,5	342	636-11X	352	646-002	357	676-12	367	724H-700	378	748-03-10	391	777-03	402
594-006	308	601-04	331	608-115	329	621-06	342	636-12	352	650-200	360	676-15	367	726-010	375	748-04-10	391	777-05	402
594-007	313	601-05	331	608-120	329	621-07	342	636-12X	352	650-250	360	676-18	367	726-015	375	748-05-10	391	777-08	402
594-008	313	601-06	331	608-125	329	621-08	342	636-13	352	650-300	360	676-22	367	726-020	375	748-06-10	391	778-03	401
594-009	313	601-07	331	608-127	329	621-09	342	636-13X	352	650-350	360	677-03-40	367	726-030	375	748-08-10	391	778-03J	401
594-010	317	601-08	331	608-130	329	621-10	342	636-14	352	650-450	360	700-080	25	726-3000	375	749-01-10	391	778-05	401
594-011	317	601-10	331	608-140	329	621-11	342	636-14X	352	650-600	360	700-085	32	728-080	30	749-02-10	391	778-05J	401
594-012	317	601-12	331	608-145	329	621-12	342	636-15	352	650-900	360	700-1130	370	728-30	373	749-03-10	391	779-010	403
594-013	317	601-14	331	608-150	329	621-13	342	636-15X	352	651-200	361	700-1360	370	728-35	373	749-04-10	391	779-020	403
594-014	320	601-17	331	608-155	329	621-14	342	636-16	352	651-250	361	700-340	370	728-40	373	749-05-12	391	779-030	403
594-015	320	602-009	332	608-160	329	623-02	343	636-16X	352	651-300	361	700-455	370	728-45	373	749-06-12	391	779-050	403
594-016	320	602-009J	335	609-007	337	623-02,5	343	636-17	352	651-350	361	700-560	370	728-50	373	749-08-12	391	780-030	403
594-025	308	602-01,5	328	609-009	336	623-03	343	636-17X	352	651-450	361	700-680	370	729-080	30	750-001	392	780-050	403
594-026	313	602-02	328	609-018	339	623-04	343	636-18	352	651-600	361	700-910	370	729-30	373	750-002	392	781-70	398
594-027	317	602-02,5	328	609-018J	340	623-05	343	636-18X	352	651-900	361	700C-CU9Al	370	729-35	373	750-011	392	783-01-1000	398
594-028	320	602-03	328	611-009	336	623-06	343	636-19	352	652-200	361	700H-315	370	729-40	373	750-012	392	783-01-1200	398
594-029	308	602-037	338	611-TS06	330	623-08	343	636-19X	352	652-250	361	700H-350	370	729-45	373	750-013	392	783-01-400	398
594-030	313	602-04	328	611-TS07	330	623-080	30	636-20-100	352	652-300	361	700H-360	370	729-50	373	750-014	392	783-01-600	398
594-031	317	602-05	328	611-TS08	330	623-10	343	636-21	352	652-350	361	700H-390	370	730-25	381	750-015	392	783-01-800	398
594-032	320	602-06	328	611-TS09	330	623-12	343	636-21X	352	652-450	361	700H-420	370	730-30	381	750-016	392	783-02-1000	398
594-033	321	602-07	328	611-TS10	330	623-14	343	636-22	352	652-600	361	701-1130	370	730-35	381	751-22-16-250	393	783-02-1200	398
594-034	321	602-08	328	611-TS15	330	623-110	343	636-22X	352	652-900	361	701-1360	370	730-40	381	751-22-16-300	393	783-02-1800	398
594-051	323	602-09	328	611-TS20	330	623-115	343	636-24	352	654-350	362	701-340	370	730-45	381	751-25-16-350	393	783-02-400	398
594-052	323	602-10	328	611-TS25	330	623-120	343	636-27	352	654-450	362	701-455	370	732-25	381	751-25-16-400	393	783-02-600	398
594-053	323	602-109	334	611-TS27	330	623-125	343	636-3/8	352	654F-350	362	701-560	370	732-30	381	752-04-16-250	393	783-02-800	398
594-054	323	602-12	328	611-TS30	330	623-127	343	636-30	352	654F-450	362	701-680	370	732-35	381	752-04-16-300	393	784-01-400	399
594-055	323	602-14	328	611-TS40	330	623-130	343	636-32	352	654M-350	362	701-910	370	732-40	381	752-04-16-350	393	784-01-600	399
594-056	323	603-007	337	611-TS45	330	623-140	343	636-36	352	654M-450	362	702-100	371	732-45	381	752-04-16-400	393	785-001	399
594-057	323	603-009	332	611-TS50	330	623-145	343	637-001	353	655-001	362	702-135	371	735-1100	383	753-001	395	785-002	399
594-059	323	603-009J	335	611-TS55	330	623-150	343	637-1/2	353	655-1210	360	702-180	371	735-1350	383	753-22-16-250	393	785-003	399
594-060	323	603-018	339	611-TS60	330	623-155	343	637-13	353	655-250	360	702-320	371	735-1800	383	753-22-16-300	393	789-001	441
594-061	323	603-018J	340	617-001	345	623-160	343	637-13X	353	655-350	360	702-420	371	735-2200	383	753-25-19-350	393	789-001J	441
594-062	323	605-002	332	617-01,5	341	625-01-06	348	637-14	353	655-450	360	702H-100	371	735-450	383	753-25-19-400	393	789-002	441
594-063	323	605-009	332	617-02	341	625-02-10	348	637-14X	353	655-600	360	702H-135	371	735-620	383	754-04-16-250	393	789-003	443
594-064	323	605-009J	335	617-02,5	341	625-10-50	348	637-15	353	655-900	360	702H-180	371	735-800	383	754-04-16-300	393	789-09	443
594-065	323	605-01,5	329	617-03	341	626-10-60	348	637-15X	353	656-250	361	702H-320	371	735-920	383	754-04-19-350	393	789-18	442
594-066	323	605-02	329	617-04	341	626-20-100	348	637-16	353	656-350	361	702H-420	371	736-225	383	754-04-19-400	393	789-18J	442
594-067	323	605-02,5	329	617-05	341	626-20R	348	637-16X	353	656-450	361	703-100	371	736-340	383	755-12-10-200	393	789-25	439
594-069	323	605-03	329	617-06	341	627-20-100	348	637-17	353	656-600	361	703-135	371	736-455	383	755-12-10-250	393	789R-09	450
594-070	323	605-037	338	617-07	341	627-20R	348	637-17X	353	656-900	361	703-180	371	736-685	383	755-12-10-300	393	789R-18	449
600-002	332	605-04	329	617-08	341	627-40-210	348	637-18	353	657-250	361	703-320	371	736-920	383	756-160	395	789R-25	449
600-007	337	605-05	329	617-080	32	627-40R	348	637-18X	353	657-350	361	703-420	371	737-225	383	756-30-23-250	394	789S-18	442
600-009	332	605-06	329	617-09	341	627-70-350	348	637-19	353	657-450	361	704-1000	372	737-340	383	756-30-23-300	394	789V-09	447
600-009J	335	605-069	333	617-10	341	627-70R	348	637-19X	353	657-600	361	704-1250	372	737-455	383	756-30-23-350	394	789V-18	447
600-01,5	328	605-069J	333	617-12	341	628-100-500	349	637-21</											

Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
793-04-300	405	807-200	424	818-150-2503INOX	410	824-0263CINOX	417	840-080	34	855-30-150	454	874-012	463	884-175	465	902-150C	477
795-001	408	807-250	424	818-150-3202	410	824-0263D	417	841-017	430	855-30-200	454	874-014	463	884-380	465	902-200	477
795-001C	408	807-300	424	818-150-3203	410	824-0303F	417	841-034	430	855-30-250	454	874-016	463	885-01-600	465	902-200C	477
795-002	408	807B-150	424	818-150-3203INOX	410	824-0303FINOX	417	842-001	435	855-30-300	454	875-001	463	885-02-600	465	902-300	477
795-002C	408	807B-200	424	818-175-1702	410	825-065	414	843-001	435	855-30-400	454	875-001L	463	886-001	471	902-300C	477
795-003	408	807B-250	424	818-175-1703	410	825-065-08	414	845-001	435	855-30-600	454	875-002	463	886-002	471	903-075	477
795-080	32	807B-300	424	818-175-1703INOX	410	825-065INOX	414	845-002	435	855-35-1000	454	875-003	464	886-003	471	903-075C	477
796-001	405	808-150	424	818-175-2002	410	825-075	414	845-003	435	855-35-1200	454	875-014	463	886-004	471	903-100	477
796-002	405	808-200	424	818-175-2002SHP	411	825-075-08	414	846-003	431	855-35-1500	454	875-015	463	886-005	471	903-100C	477
796-003	406	808-250	424	818-175-2003	410	825-075INOX	414	846-525	436	855-35-200	454	875-024	463	886-006	471	903-150	477
796-004	406	808-300	424	818-175-2003INOX	410	825-080	414	846-600	436	855-35-2000	454	875-025	463	886-007	472	903-150C	477
796-005	406	808B-150	424	818-175-2502	410	825-080-08	414	846-750	436	855-35-300	454	876-010	464	886-008	472	903-200	477
796-006	406	808B-200	424	818-175-2503	410	825-080INOX	414	846-800	436	855-35-400	454	876-020	464	886-009	472	903-200C	477
796-150	400	808B-250	424	818-175-2503INOX	410	825-100	414	846-900	436	855-35-500	454	876-030	464	886-010	472	903-300	477
797-150	400	808B-300	424	818-175-3202	410	825-100-08	414	847-525	436	855-35-600	454	877-120	466	886-011	472	903-300C	477
798-001	407	809-032-150	425	818-175-3203	410	825-100-1204L	412	848-450	436	855-35-800	454	877-140	466	886-012	472	904-001G	478
798-002	407	809-035-150	425	818-175-3203INOX	410	825-100-1205	412	848-525	436	855-40-1000	454	877-160	466	886-013	473	904-001H	478
798-003	407	809-040-150	425	818-200-1702	410	825-100-1205INOX	412	848-600	436	855-40-1200	454	877-180	466	886-014	473	904-002G	478
798-004	407	809-045-200	425	818-200-1703	410	825-100INOX	414	848-750	436	855-40-1500	454	877-200	466	886-015	473	904-002H	478
798-25	400	809-055-200	425	818-200-1703INOX	410	825-115-1205	412	848-800	436	855-40-200	454	877-220	466	886-016	473	904-003G	478
800-001	421	812-150	425	818-200-2002	410	825-115-1205INOX	412	848-900	436	855-40-2000	454	877-240	466	886-017	473	904-003H	478
800-06	421	812-200	425	818-200-2002SHP	411	825-125	414	849-450	436	855-40-2500	454	878-120	466	886-018	473	904-130-100	478
800-08	421	812-250	425	818-200-2003	410	825-125-08	414	849-525	436	855-40-300	454	878-140	466	886-030	466	904-130-100C	478
800-10	421	813-200	425	818-200-2003INOX	410	825-125-1204L	412	849-600	436	855-40-3000	454	878-160	466	886-031	466	904-160-150	478
800-12	421	813-250	425	818-200-2502	410	825-125-1205	412	849-750	436	855-40-400	454	878-200	466	886-032	466	904-160-150C	478
800-14	421	814-150	425	818-200-2503	410	825-125-1205INOX	412	849-800	436	855-40-500	454	878-220	466	887-001	448	904-200-150	478
800-15	421	814-200	425	818-200-2503INOX	410	825-125INOX	414	849-900	436	855-40-600	454	878-240	466	887-001R	452	904-200-150C	478
800-16	421	814-250	425	818-200-3002	410	825-150	414	850-001	445	855-40-800	454	879-100	467	887-010	448	904-250-200	478
800-18	421	815-001	426	818-200-3003	410	825-150-1205	412	850-005	444	855-450	456	879-120	467	887-015	448	904-250-200C	478
800-20	421	815-002	426	818-200-3003INOX	410	825-150-1205INOX	412	850-006	444	855-600	456	879-150	467	887-020	448	904-350-200	478
800-22	421	815-003	426	818-200-3502	410	825-175-1205	412	850-008	445	855-750	456	879-30	467	888-36-304	466	904-350-200C	478
800-25	421	816-001	428	818-200-3503	410	825-200-1205	412	850-010	447	855-900	456	879-40	467	888-44-406	466	904-520-200	478
800-28	421	816-01-140	427	818-200-3503INOX	410	825-250-1205	412	850-010RA	451	855-95-170	455	879-50	467	888-58-503	466	904-520-200C	478
800-30	421	816-01-160	427	818-250-2203	410	826-100-0605	413	850-010RB	451	856-150	456	879-60	467	889-039	466	904-90-100	478
800-32	421	816-02-140	427	818-250-2503	410	826-125-0605	413	850-010RC	451	856-300	456	879-70	467	889-046	466	904-90-100C	478
800-35	421	816-02-160	427	818-250-3003	410	826-150-0605	413	850-091	443	856-450	456	879-80	467	889-050	466	905-001	479
800-38	421	816-03-140	427	818-250-3503	410	827-075	416	850-092	443	856-600	456	880-100	467	889-060	466	905-001C	479
801-06	421	816-03-160	427	818-250-4003	410	827-100	416	850-095	447	856-750	456	880-120	467	889-070	466	905-001G1	479
801-08	421	816-04-140	427	818-300-2703	410	828-050	416	850-180	440	856-900	456	880-25	467	889-085	466	905-001G2	479
801-10	421	816-04-160	427	818-300-3003	410	828-075	416	850-181	440	857-075	457	880-40	467	889-100	466	905-001G3	479
801-12	421	816-05-140	427	818-300-3503	410	830-001	418	850-182	440	857-100	457	880-50	467	889-110	466	905-001H	479
801-14	421	816-05-160	427	818-300-4003	410	830-002	418	850-183	441	857-150	457	880-60	467	890-001	474	905-002	479
801-15	421	816-06-140	428	819-060	414	830-003	418	850-250	439	857-225	457	880-75	467	890-010	474	905-002C	479
801-16	421	816-07-140	428	819-060INOX	414	830-004	420	850-251	439	858-075	457	880-85	467	890-011	474	905-003	480
801-18	421	816-07-160	428	819-080	414	830-005	419	851-001	450	858-100	457	881-100	467	890-020	474	905-003C	480
801-20	421	816-08-140	428	819-080INOX	414	830-011	418	851-002	450	858-150	457	881-120	467	890-022	474	905-003G2	480
801-22	421	816-09-215	429	819-100	414	830-012	418	851-003	450	858-225	457	881-150	467	890-024	474	905-003G3	480
801-24	421	816-10-215	429	819-100INOX	414	830-013	418	851-005	450	859-050	456	881-30	467	890-225	459	905-003H	480
801-25	421	816-11-215	429	819-125	414	830-021	419	851-006	449	859-075	456	881-40	467	890-340	459	905-004	481
801-26	421	816-12-215	429	819-125INOX	414	830-022	419	851-007	449	859-100	456	881-50	467	890-500	459	905-005	482
801-28	421	817-010	429	819-150	414	830-031	419	851-011	449	860-160	457	881-60	467	890R-225	459	905-006	482
801-30	421	817-011	429	819-150INOX	414	830-032	420	851-012	449	860-225	457	881-70	467	890R-340	459	905-007	482
801-32	421	818-075-1402	410	821-100	411	830-041	420	851-013	449	861-160	457	881-80	467	890R-500	459	905-008	482
801-35	421	818-075-1403	410	821-115	411	835-300	430	851-015	451	861-225	457	881-PH2	467	891-1000	459	905-009	482
801-40	421	818-075-1602	410	821-115INOX	411	835-350	430	851-017	451	862-150	457	883-001	468	891-1500	459	905-010	483
803-150	422	818-075-1603	410	821-125	411	835-400	430	851-018	451	862-200	457	883-002	468	891-500	459	905-011	483
803-200	422	818-100-1202	410	821-125INOX	411	835-450	430	851-019	451	863-050	456	883-01-180	468	891-600	459	905-012	483
803-250	422	818-100-1203	410	821-150	411	835-500	430	851-020	452	863-075	456	883-01-190	468	891-700	459	905-020	239
803-300	422	818-100-1402	410	821-175	411	835-550	430	851-021	450	863-100	456	883-02-180	468	892-17-19	459	905-103	476
803B-150	422	818-100-1403	410	821-200	411	836-300	430	851-022	452	863-150	456	883-02-190	468	892-19-22	459	905-104	476
803B-200	422	818-100-1403INOX	410	821-225	411	836-350	430	851-101	450	864-050	457	883-03-140	469	892-22-24	459	905-105	476
803B-250	422	818-100-1802	410	822-030-1002	415	836-400	430	851-102	450	864-100	457	883-03-180	469	892-30-32	459	905-106	476
803B-300	422	818-100-1803															



Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
915-022	487	940-123	497	1000-020	511	4510-27	203	4583-10	243	6010-04	331	7446-09	386	10330-045-100	551
915-030	487	940-124	497	1000-021	512	4510-28	203	4583-11	243	6010-05	331	7446-10	386	10330-050-075	551
915-225	484	940-125	497	1000-030	512	4510-29	203	4583-12	243	6010-06	331	7447-001	384	10330-050-100	551
916-225	484	940-126	497	1500-001	514	4510-30	203	4583-13	243	6010-08	331	7447-02	384	10330-060-100	551
917-225	484	940-127	497	1500-10	514	4510-32	203	4583-14	243	6010-10	331	7447-03	384	10330-060-125	551
918-010	488	940-128	497	1510-05	514	4551-07	202	4583-15	243	6010-12	331	7447-04	384	10330-060-150	551
918-012	488	940-129	497	1520-03	514	4551-08	202	4583-16	243	6117-1/4	341	7447-05	384	10330-070-150	551
918-1	488	940-130	497	2200-005	74	4551-09	202	4583-17	243	6117-1/8	341	7447-06	384	10330-080-150	551
919-016	488	940-132	497	2200-005R	74	4551-10	202	4583-18	243	6117-3/16	341	7447-08	384	10330-080-200	551
919-016-024	488	940-133	497	2200-010	74	4551-11	202	4583-19	243	6117-3/32	341	7447L-001	384	10330-090-250	551
919-016-032	488	940-134	497	2200-011	74	4551-12	202	4583-21	243	6117-3/8	341	7447L-10	384	10330-100-200	551
919-016-040	488	940-135	497	2200-012	74	4551-13	202	4583-22	243	6117-5/16	341	7447L-12	384	10330-100-300	551
919-016-048	488	940-136	497	2200-080	34	4551-15	202	4583-24	243	6117-5/32	341	7447L-14	384	10330-110-250	551
919-016-064	488	940-137	497	2200-20	74	4551-17	202	4930-001J	189	6117-7/32	341	7447L-16	384	10330-110-300	551
919-016M	488	940-138	497	2200-25	75	4551-19	202	4930-100	189	6117-7/64	341	7448-001	388	10330-110-350	551
919-020	489	940-139	497	2200-30	75	4551-21	202	4930-150	189	6117-9/64	341	7448-01	388	10330-120-400	551
919-020-024	489	940-140	497	2200-35	75	4551-24	202	4930-200	189	7310-35	382	7448-02	388	10330-130-450	551
919-020-032	489	940-142	497	2200-40	75	4551-27	202	4930-250	189	7310-40	382	7448-03	388	10331-030-050	551
919-020-040	489	940-143	497	2690-150	89	4551-32	202	4930-300	189	7310-50	382	7448-04	388	10331-040-100	551
919-020-048	489	940-144	497	2690-180	89	4554-08-10	207	4930-380	189	7311-35	382	7448-05	388	10331-040-150	551
919-020-064	489	940-145	497	2690-250	89	4554-10-12	207	4930-450	189	7311-40	382	7448-06	388	10331-050-100	551
919-020-EA	489	940-146	497	2690-250J	89	4554-12-14	207	4930-600	189	7311-50	382	7449-001	388	10331-050-200	551
919-020-EB	489	940-147	497	2690-300	89	4554-13-15	207	4931-200	190	7331-25	380	7449-002	388	10331-060-100	551
919-020M	489	940-148	497	2750-001	99	4554-13-17	207	4931-200J	190	7331-30	380	7449-02,5	388	10331-080-150	551
919-020-M10	489	940-149	497	2750-002	99	4554-16-18	207	5010-05	324	7331-35	380	7449-03	388	10331-100-200	551
919-020-M3	489	940-150	497	2750-003	99	4554-17-19	207	5010-05,5	324	7331-40	380	7449-03,5	388	10331-100-300	551
919-020-M4	489	940-152	497	2750-004	99	4554-22-24	207	5010-06	324	7331-50	380	7449-04	388	10334-PH0-050	552
919-020-M5	489	940-154	497	2750-005	99	4557-016	217	5010-07	324	7332-22	380	7449-06	388	10334-PH1-100	552
919-020-M6	489	940-156	497	2750-006	99	4557-018	217	5010-08	324	7332-28	380	7449-08	388	10334-PH2-125	552
919-020-M8	489	940-158	497	2778-235	98	4557-020	217	5116-08	324	7332-35	380	7449-10	388	10334-PH3-150	552
919-022	489	940-160	497	2790-011	98	4557-022	217	5116-10	324	7332-45	380	7450-10	389	10334-PH4-300	552
919-025	490	940-210	498	2925-450	103	4557-06	216	5116-11	324	7332-60	380	7450-12	389	10337-P20-050	552
919-025-M10	490	940-211	498	2925-600	103	4557-07	216	5116-12	324	7333-22	380	7450-14	389	10337-P21-100	552
919-025-M12	490	940-212	498	4110-PH1-1	171	4557-08	216	5116-13	324	7333-28	380	7450-16	389	10337-P22-125	552
919-025-M3	490	940-213	498	4110-PH2-1	171	4557-09	216	5116-14	324	7333-35	380	7450-18	389	10337-P23-150	552
919-025-M4	490	940-250	500	4110-PH3-1	171	4557-10	216	5116-16	324	7333-45	380	7450-20	389	10337-P24-300	552
919-025-M5	490	940-250M	498	4110-PZ1-1	171	4557-11	216	5116-17	324	7333-60	380	7450-25	389	10450-001	554
919-025-M6	490	940-260	500	4110-PZ2-1	171	4557-12	216	5116-18	324	7420-30	379	7450-30	389	10450-002	554
919-025-M8	490	940-260M	498	4110-PZ3-1	171	4557-13	216	5116-19	324	7420-40	379	7451-10	389	10450-016	555
919-026	490	940-320	499	4110-T10-1	171	4557-14	216	5224-003	325	7420-50	379	7451-12	389	10450-018	555
925-100	493	940-330	499	4110-T15-1	171	4557-15	216	5224-005	325	7420-60	379	7451-14	389	10450-020	555
925-125	493	945-001	491	4110-T20-1	171	4557-16	216	5224-025	325	7420-80	379	7451-16	389	10450-022	555
925-150	493	945-002	491	4110-T25-1	171	4557-17	216	5331-001	326	7421-30	379	7451-18	389	10450-06-07	553
925B-100	493	945-003	491	4110-T30-1	171	4557-18	216	5331-10	324	7421-40	379	7451-20	389	10450-06-08	553
925B-125	493	945-004	491	4110-T40-1	171	4557-19	216	5331-11	324	7421-50	379	7451-25	389	10450-07-08	553
925B-150	493	945-005	491	4125-PH1-1	172	4557-20	216	5331-12	324	7421-60	379	7451-30	389	10450-07-09	553
925R-100	493	945-006	492	4125-PH2-1	172	4557-21	216	5331-13	324	7421-80	379	9000-02	516	10450-08-09	553
925R-125	493	960-001	502	4125-PH3-1	172	4557-22	216	5331-14	324	7422-35	381	9000-05	516	10450-08-10	553
925R-150	493	960-001CU	502	4125-PZ1-1	172	4557-24	216	5331-16	324	7443-001	385	9000-10	516	10450-09-10	553
926-100	493	960-001TOR	502	4125-PZ2-1	172	4557-27	216	5331-17	324	7443-010	385	9000-15	517	10450-09-11	553
926-125	493	960-002	502	4125-PZ3-1	172	4557-30	216	5331-18	324	7443-02	385	9000-20	517	10450-10-11	553
926-150	493	960-002CU	502	4150-PH1-1	172	4557-32	216	5331-19	324	7443-02-04	385	9000-32	517	10450-10-12	553
926-175	493	960-002TOR	502	4150-PH2-1	172	4561-06	202	5331-21	324	7443-03	385	9010-02	518	10450-10-13	553
926B-100	493	960-003	502	4150-PH3-1	172	4561-07	202	5331-22	324	7443-03-04	385	9010-02	519	10450-10-14	553
926B-125	493	960-003CU	502	4150-PZ1-1	172	4561-08	202	5331-24	324	7443-04	385	9025-02	519	10450-11-13	553
926B-150	493	960-003TOR	502	4150-PZ2-1	172	4561-09	202	5331-27	324	7443-04-06	385	9025-03	519	10450-11-14	553
926B-175	493	960-004	503	4150-PZ3-1	172	4561-10	202	5331-30	324	7443-05-06	385	9030-01	520	10450-12-13	553
926R-100	493	960-004MU	503	4150-T10-1	172	4561-11	202	5331-32	324	7443-06	385	9030-02	521	10450-12-14	553
926R-125	493	960-030	504	4150-T15-1	172	4561-12	202	5341-053	287	7444-001	387	9040-0,5	522	10450-13-15	553
926R-150	493	960-031	504	4150-T20-1	172	4561-13	202	5341-1/2	277	7444-002	387	9040-1,5	523	10450-14-15	553
926R-175	493	960-032	504	4150-T25-1	172	4561-14	202	5341-1/4	277	7444-02	387	9050-02	524	10450-14-16	553
927-050	494	960-033	504	4150-T30-1	172	4561-15	202	5341-17/32	277	7444-02,5	387	9050-03	524	10450-14-17	553
927-060	494	960-034	504	4150-T40-1	172	4561-16	202	5341-19/32	277	7444-03	387	9050-06	524	10450-16-17	553
930-001	492	960-MU	502	4200-PH2-1	173	4561-17	202	5341-3/16	277	7444-03,5	387	9050-10	524	10450-16-18	553
940-001	492	961-001	503	4200-PZ2-1	173	4561-18	202	5341-3/8	277	7444-04	387	10200-160	547	10450-17-19	553
940-002	492	961-002	503	4250-PH2-1	173	4561-19	202	5341-5/16	277	7444-04,5	387	10205-160	547	10450-17-22	553
940-02-10	496	961-002CU	503	4250-PZ2-1	173	4581-002	243	5341-5/8	277	7444-05	387	10205-180	547	10450-18-19	553
940-02-60	496	961-002TOR	503	4510-014	203	4581-06	243	5341-7/16	277	7444-05,5	387	10205-200	547	10450-18-20	553
940-03-20	496	961-003	504	4510-016	203	4581-07	243	5341-9/16	277	7444-06	387	10208-160	548	10450-19-20	553
940-03-30	496	963-001	505	4510-022	203	4581-08	243	5380-04X120	324	7444-07	387	10208-180	548	10450-19-22	553
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Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
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10450-32-34	553	10452-15/16	566	10452-71	565	10478-100	564	10530-32	567	10557-46	571	10713-1000A	575	10892-12	583
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10450-32-36	553	10452-19	565	10452-73	565	10478-110	564	10531-07	567	10557-55	571	10713-1500	575	10892-14	583
10450-33-35	553	10452-2	566	10452-74	565	10478-115	564	10531-08	567	10557-60	571	10713-1500A	575	10892-16	583
10450-34-36	553	10452-2.1/16	566	10452-75	565	10478-120	564	10531-09	567	10557-65	571	10713-2000	575	10892-17	583
10450-35-36	553	10452-2.1/2	566	10452-76	565	10478-17	564	10531-10	567	10557-70	571	10713-2000A	575	10892-18	583
10450-36-38	553	10452-2.1/4	566	10452-77	565	10478-19	564	10531-11	567	10557-75	571	10713-2500	575	10892-19	583
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10450-36-42	553	10452-2.13/16	566	10452-79	565	10478-24	564	10531-13	567	10558-22	571	10713-3000	575	10892-22	583
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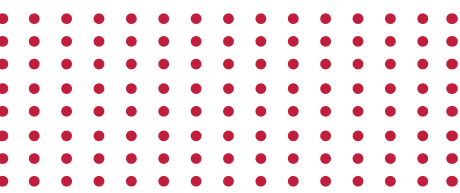


Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
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15450-46-50	553	15452-2.15/16	566	15452-81	565	15478-27	564	15531-15	567	15558-26	571	15713-3500A	575
15450-50-52	553	15452-2.3/16	566	15452-82	565	15478-28	564	15531-16	567	15558-27	571	15713-450	575
15450-50-55	553	15452-2.3/4	566	15452-83	565	15478-29	564	15531-17	567	15558-28	571	15713-4500	575
15450-50-60	553	15452-2.3/8	566	15452-84	565	15478-30	564	15531-18	567	15558-29	571	15713-5000	575
15450-50-62	553	15452-2.5/16	566	15452-85	565	15478-32	564	15531-19	567	15558-30	571	15713-6800	575
15450-55-60	553	15452-2.5/8	566	15452-86	565	15478-33	564	15531-20	567	15558-31	571	15713-8000	575
15450-60-65	553	15452-2.7/16	566	15452-87	565	15478-34	564	15531-21	567	15558-32	571	15719-1100	578
15450-65-70	553	15452-2.7/8	566	15452-88	565	15478-35	564	15531-22	567	15558-34	571	15719-1700	578
15451-002	557	15452-2.9/16	566	15452-89	565	15478-36	564	15531-23	567	15558-36	571	15719-2000	578
15451-003	557	15452-20	565	15452-90	565	15478-37	564	15531-24	567	15558-38	571	15720-200	577
15451-005	557	15452-22	565	15452-92	565	15478-38	564	15531-25	567	15558-41	571	15720-400	577
15451-006	557	15452-24	565	15452-94	565	15478-41	564	15531-26	567	15558-46	571	15720-600	577
15451-018	558	15452-25	565	15452-95	565	15478-42	564	15531-27	567	15558-50	571	15720-900	577
15451-022	558	15452-25/32	566	15452-98	565	15478-45	564	15531-28	567	15558-55	571	15726-100-50	578
15451-06	556	15452-26	565	15453-001	561	15478-46	564	15531-29	567	15558-60	571	15726-135-50	578
15451-07	556	15452-27	565	15453-002	561	15478-47	564	15531-30	567	15558-65	571	15726-150-25	578
15451-08	556	15452-28	565	15453-003	561	15478-50	564	15531-32	567	15558-70	571	15726-150-30	578
15451-09	556	15452-29	565	15453-016	561	15478-52	564	15543-009	568	15558-75	571	15726-150-40	578
15451-10	556	15452-3	566	15453-06-07	560	15478-54	564	15543-011	568	15558-80	571	15726-150-50	578
15451-11	556	15452-3.1/16	566	15453-08-09	560	15478-55	564	15543-025	568	15559-003	572	15726-180-13	578
15451-12	556	15452-3.1/2	566	15453-10-11	560	15478-56	564	15543-100	568	15559-012	572	15726-180-32	578
15451-13	556	15452-3.1/4	566	15453-12-13									

Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.	Part N°	P.
15727-800	577	15892-19	583	20403-T20-5	592	20608-T10	594	30334-PH2-150	601	30516-12	603	30544-001	604	ESQ51	619
15746-02	579	15892-20	583	20403-T25-5	592	20608-T15	594	30334-PH3-150	601	30516-13	603	30600-01,5	605	ESQBAND-ESP-2	626
15746-03	579	15892-22	583	20403-T30-5	592	20608-T20	594	30334-PH4-200	601	30516-14	603	30600-02	605	ESQCOLUMNNA-DOGHER-2	629
15746-04	579	15892-24	583	20403-T40-5	592	20608-T25	594	30450-06-07	602	30516-15	603	30600-03	605	ESQ-DOGHER-2	627
15746-05	579	15892-27	583	20451-016	593	20608-T27	594	30450-08-09	602	30516-16	603	30600-04	605	EXP01	622
15746-06	579	15892-30	583	20451-018	593	20608-T30	594	30450-1/4-5/16	602	30516-17	603	30600-05	605	EXP02	622
15746-08	579	15892-32	583	20451-035	593	20608-T40	594	30450-11-14	602	30516-18	603	30600-06	605	EXP03	622
15746-10	579	15903-100	586	20451-036	593	20608-T45	594	30450-12-13	602	30516-19	603	30600-07	605	EXP04	623
15748-05	579	15903-150	586	20451-038	593	20608-T50	594	30450-14-15	602	30516-3/8	603	30600-08	605	EXP05	623
15748-08	579	15903-200	586	20451-08	593	20618-02	594	30450-15-17	602	30516-5/16	603	30600-09	605	EXP06	623
15748-10	579	15903-350	586	20451-10	593	20618-02,5	594	30450-16-18	602	30516-5/8	603	30600-1/16	605	EXP07	624
15749-100	579	20025-005	589	20451-11	593	20618-03	594	30450-17-19	602	30516-7/16	603	30600-1/2	605	EXP08	624
15749-150	579	20025-007	589	20451-12	593	20618-04	594	30450-7/16-1/2	602	30516-9/16	603	30600-1/4	605	EXP11	624
15757-150	579	20205-160	590	20451-13	593	20618-05	594	30450-7/32-1/4	602	30524-009	603	30600-1/8	605	EXP22	625
15757-200	579	20205-180	590	20451-14	593	20618-06	594	30451-06	602	30524-025	603	30600-10	605	EXP29	114
15757-250	579	20205-200	590	20451-15	593	20618-08	594	30451-07	602	30524-100	603	30600-11	605	EXP292	103
15757-300	579	20208-160	590	20451-17	593	20618-10	594	30451-08	602	30524-200	603	30600-12	605	EXP50	615
15757-400	579	20208-200	590	20451-19	593	20701-1130	596	30451-09	602	30525-001	603	30600-14	605	EXP51	614
15761-150	579	20210-002	590	20493-100	594	20701-230	596	30451-1/2	602	30531-07	604	30600-3/16	605	EXP52	616
15761-200	579	20212-160	590	20493-150	594	20701-340	596	30451-10	602	30531-08	604	30600-3/32	605	EXP53	611
15761-300	579	20212-200	590	20493-200	594	20701-450	596	30451-11	602	30531-09	604	30600-3/8	605	EXP54	612
15840-001	580	20213-200	590	20493-250	594	20701-680	596	30451-11/16	602	30531-10	604	30600-5/16	605	EXP55	613
15840-050	580	20266-250	589	20493-300	594	20701-910	596	30451-12	602	30531-11	604	30600-5/32	605	EXP56	610
15850-001	584	20266-300	589	20493-375	594	20705-1000	596	30451-13	602	30531-12	604	30600-5/64	605	EXP57	617
15850-010	585	20275-225	589	20493-450	594	20705-1500	596	30451-14	602	30531-13	604	30600-7/16	605	EXP58	618
15850-020	585	20330-002	591	20531-051	595	20705-2000	596	30451-15	602	30531-14	604	30600-7/32	605	EXPB50	621
15850-030	585	20331-030-075	591	20531-062	595	20705-2500	596	30451-16	602	30531-15	604	30600-7/64	605	EXPB51	620
15850-040	586	20331-040-075	591	20531-08	595	20705-3000	596	30451-17	602	30531-16	604	30600-9/64	605	EXPB52	621
15870-010	583	20331-050-100	591	20531-10	595	20705-3600	596	30451-19	602	30531-17	604	30602-03	605	EXPB53	620
15876-130	584	20331-060-100	591	20531-11	595	30205-160	599	30451-3/4	602	30531-18	604	30602-04	605	GANCH0-6	626
15876-200	584	20331-080-150	591	20531-12	595	30205-200	599	30451-3/8	602	30531-19	604	30602-05	605	GANCH0-6PORT	626
15878-50	586	20334-PH1-075	591	20531-13	595	30208-170	599	30451-5/16	602	30531-20	604	30700-315	606	GANCH0-8	626
15878-75	586	20334-PH2-100	591	20531-14	595	30212-160	599	30451-5/8	602	30531-21	604	30757-16-5/8	606	GANCH0-ALIC	626
15884-460	584	20334-PH3-150	591	20531-17	595	30260-001	600	30451-7/16	602	30531-22	604	30757-22-7/8	606	GANCH0-PALETAS	626
15884-600	584	20400-PH1-5	592	20531-19	595	30266-250	599	30451-9/16	602	30531-23	604	30796-002	606	GUIAS-025-007N	13
15884-760	584	20400-PH2-5	592	20544-001	595	30296-021	600	30493-200	601	30531-25	604	30884-457	606	GUIAS-F1	11
15884-900	584	20400-PH3-5	592	20605-01,5	594	30331-024-075	601	30493-250	601	30531-27	604	BAND-ESP-2	626	GUIAS-GP	11
15892-10	583	20401-PZ1-5	592	20605-02	594	30331-032-050	601	30516-08	603	30531-28	604	BOMBILLO-1	11	SEPARADCAJON1000X90	626
15892-11	583	20401-PZ2-5	592	20605-02,5	594	30331-032-100	601	30516-09	603	30531-29	604	BOMBILLO-2	11	SEPARADCAJON350X90	626
15892-12	583	20401-PZ3-5	592	20605-03	594	30331-032-200	601	30516-1.1/16	603	30531-30	604	CAJON-ESP-2	626	VITRINABAJA-DOGHER-2	628
15892-13	583	20402-040-5	592	20605-04	594	30331-048-100	601	30516-1.1/4	603	30531-31	604	COLUMNNA-DOGHER-2	629	VITRINA-DOGHER-2	628
15892-14	583	20402-055-5	592	20605-05	594	30331-064-125	601	30516-1/2	603	30531-32	604	ESPBAJ01-DOGHER-2	629		
15892-16	583	20402-065-5	592	20605-06	594	30331-079-150	601	30516-10	603	30543-009	604	ESPBAJ02-DOGHER-2	629		
15892-17	583	20403-T10-5	592	20605-08	594	30334-PH0-075	601	30516-11	603	30543-025	604	ESP-DOGHER-2	627		
15892-18	583	20403-T15-5	592	20605-10	594	30334-PH1-075	601	30516-11/16	603	30543-100	604	ESQ50	619		



## Discounts



007 - 544

607 - 629

545 - 606



545 - 586



587 - 596



597 - 606

General Catalogue:

Special Families:



Cu-Be/Al-Br



Inox



Titanium



## • INTRODUCTION .....

The following Terms and Conditions apply from September 1st 2023 onwards, thus overriding any previously offered commercial Conditions, unless specifically agreed by writing between the Parties.

## • PAYMENT TERMS .....

Terms of payment will be agreed on an individual basis with each Customer with the authorization of the Administrative and Financial Department.

Any breach of the agreed Conditions will generate an immediate cancellation of deliveries.

## • INSURANCE .....

The goods are shipped under Customer responsibility. In the case that the Customer requires an additional insurance policy, it is understood that he will support this cost in full.

## • CLAIMS .....

Customers must check all the Products upon their reception in order to ensure that the shipment complies with the order in terms of references, items and quantities. Any claim resulting from a discrepancy has to be submitted by the Customer within 8 days from reception. DOGHER TOOLS, S.A. reserves the right to refuse any claim that would not respect this procedure.

## • RETURNING GOODS .....

DOGHER TOOLS, S.A. will only accept returned Products due to manufacturing fault or any other mistake strictly and directly attributable to DOGHER TOOLS, S.A., providing that the goods are proven faulty after being checked by our Quality Department. The Products will be returned at Customer cost and have to be sent together with the original invoice or packing list.

DOGHER TOOLS, S.A. must be immediately informed about any returned Product, directly or through our sales network. The Quality Department will check the Product and shortly issue a technical and quality report. In case that absolutely no fault is found, DOGHER TOOLS, S.A. will deduct 15% from the correspondent credit note to cover handling cost. In case that a manufacturing or quality default is found on the Product, it will be immediately replaced at manufacturer cost or a credit note will be issued.

## • GUARANTEE .....

DOGHER TOOLS, S.A. guarantees all the Products available in its range against any material and manufacturing fault, but disclaims all responsibility in case of a misuse of the Product. In any case, the responsibility of DOGHER TOOLS, S.A. will be limited only to the reparation or replacement of the Product. The Customer will not be in any case entitled to any further compensation.

DOGHER TOOLS, S.A. reserves the right to modify its Products in terms of dimensions, materials or any technical features, without prior notice, whenever the Technical Department considers this modification as a technical improvement of the Product.

DOGHER TOOLS, S.A. will replace the Product only if there is a favourable report from the Quality Department and will only take into account the Goods that are returned according the established procedure.

DOGHER TOOLS, S.A. will not in any case be held responsible for any claim or will not admit any charge or penalty that results from delays in transport.

## • MINIMUM ORDER TOTAL AMOUNT .....

Minimum order total amount is 60 € Net.

## • PRICE LIST IN FORCE .....

DOGHER TOOLS, S.A. will apply the current price list and is not responsible for any misunderstanding originated from a misreading or interpretation of the Customer. All the prices are in Euros and are per unit, unless otherwise indicated.

## • ENFORCEMENT .....

By accepting an order from DOGHER TOOLS, S.A. the Customer commits to comply with the present Terms and Conditions, unless otherwise agreed by written authorization from DOGHER TOOLS, S.A.

## • TAXES .....

Orders are not subject to VAT.

## • RETENTION OF TITLE .....

DOGHER TOOLS, S.A. orders are subject to a reservation of title clause (according to Art. 1506 of Spanish CC) until the payment in full of the corresponding invoice.

## • COMPETENT JURISDICTION .....

The interpretation of the present Terms and Conditions as well as the settlement of any dispute that may arise from their application will be subject to the Spanish Law and brought before the Court of Bilbao. The Customer thereby accepts to renounce to his own jurisdiction.

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**DOGHER**   
*Making Solutions* <sup>®</sup> **TOOLS**

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